

| Manufacturer | Name                                          | Note        |
|--------------|-----------------------------------------------|-------------|
| 3D Plus      | 3DFN128G08VS1714-TEDDY [SOP50]                | (1547) (*1) |
| 3D Plus      | 3DFN128G08VS8308-BARRY [SOP50]                | (1547) (*1) |
| 3D Plus      | 3DFN128G16VS8709-SWAN [SOP50]                 | (4207)      |
| 3D Plus      | 3DFN16G08VS1712-TRIS [SOP50]                  | (1547) (*1) |
| 3D Plus      | 3DFN16G08VS2306-PORTOS [SOP50]                | (1547) (*1) |
| 3D Plus      | 3DFN16G08VS2705-AMMONITE [SOP50]              | (1547) (*1) |
| 3D Plus      | 3DFN16G08VS4208 [SOP50] (MMFN08204804S-F)     | (1547) (*1) |
| 3D Plus      | 3DFN16G08VS4468-YANTA [SOP50]                 | (1547) (*1) |
| 3D Plus      | 3DFN16G08VS4643-SIMON [SOP50]                 | (1547) (*1) |
| 3D Plus      | 3DFN256G08VS2481-DELTA [SOP50]                | (1547) (*1) |
| 3D Plus      | 3DFN32G08VS2711-ATHOS [SOP50]                 | (1547) (*1) |
| 3D Plus      | 3DFN32G08VS4304-HARRY [SOP50]                 | (1547) (*1) |
| 3D Plus      | 3DFN32G08VS4704-SALLY [SOP50]                 | (4311)      |
| 3D Plus      | 3DFN32G08VS8259 [SOP50] (MMFN08408808S-D)     | (1547) (*1) |
| 3D Plus      | 3DFN32G08VS8289 [SOP50] (MMFN08408808S-F)     | (1547) (*1) |
| 3D Plus      | 3DFN32G08VS8467-GULLIVER [SOP50]              | (1547) (*1) |
| 3D Plus      | 3DFN32G08VS8633-GUY [SOP50]                   | (1547) (*1) |
| 3D Plus      | 3DFN4G08VS1258 [SOP50] (MMFN08512801S-F)      | (1547) (*1) |
| 3D Plus      | 3DFN4G08VS1274 [SOP50] (MMFN08512801S-D)      | (1547) (*1) |
| 3D Plus      | 3DFN4G08VS1470-OLYMPE [SOP50]                 | (1547) (*1) |
| 3D Plus      | 3DFN4G08VS1636-HESTIA [SOP50]                 | (1547) (*1) |
| 3D Plus      | 3DFN4G08VS4222-BOB [SOP48]                    | (4309)      |
| 3D Plus      | 3DFN56G08VS7381-DIANA [SOP50]                 | (1547) (*1) |
| 3D Plus      | 3DFN64G08VB1388-ZARKOV [LGA52]                | (4694)      |
| 3D Plus      | 3DFN64G08VS4309-HERMIONE [SOP50]              | (1547) (*1) |
| 3D Plus      | 3DFN64G08VS8305-ETON [SOP50]                  | (1547) (*1) |
| 3D Plus      | 3DFN64G08VS8695-TIREX [SOP50]                 | (4311)      |
| 3D Plus      | 3DFN64G16VS8477-FLORA [SOP58]                 | (2973)      |
| 3D Plus      | 3DFN64G16VS8710-AZALEE [SOP58]                | (2973)      |
| 3D Plus      | 3DFN8G08VS1307-AMOS [SOP50]                   | (1547) (*1) |
| 3D Plus      | 3DFN8G08VS1706-ARAMIS [SOP50]                 | (1547) (*1) |
| 3D Plus      | 3DFN8G08VS2469-ROSE [SOP50]                   | (1547) (*1) |
| 3D Plus      | 3DFN8G08VS2635-DAHLIA [SOP50]                 | (1547) (*1) |
| 3D Plus      | 3DFN8G08VS8089-ALEX [SOP50] (MMFN08102808S-F) | (1547) (*1) |
| 3D Plus      | 3DFN8G08VS8089-SANDRA [SOP50]                 | (1547) (*1) |
| 3D Plus      | 3DFO2G08VS4215 [SOP60]                        | (2370)      |
| 3D Plus      | 3DFR16M16VS4315 [SOP54]                       | (2953)      |
| 3D Plus      | 3DFS256M04VS1740 [SOP18] (Quad I/O)           | (4806)      |
| 3D Plus      | 3DFS512M04VS2722 [SOP18] (Quad I/O)           | (4806)      |
| 3D Plus      | 3DMR1M08VS1426 [SOP44]                        | (2930)      |
| 3D Plus      | 3DMR4M08VS4428 [SOP44]                        | (2930)      |
| 3D Plus      | 3DMR64M08VS4476 [SOP54]                       | (2929)      |
| 3D Plus      | 3DMR8M32VS8420 [SOP68]                        | (4297)      |
| 3D Plus      | 3DPO128M08VS4667 [SOP44]                      | (1448)      |
| 3D Plus      | 3DPO32M08VS1419 [SOP44]                       | (1448)      |
| 3D Plus      | 3DPO64M08VS2299 [SOP44]                       | (1448)      |
| 3D Plus      | Dor1ane(C)                                    | (1300)      |
| 3D Plus      | Dor1ane(V)                                    | (1300)      |
| 3D Plus      | Felix(C)                                      | (1300)      |
| 3D Plus      | Felix(V)                                      | (1300)      |
| 3D Plus      | Ferol                                         | (2953)      |
| 3D Plus      | Leroy(C)                                      | (1300)      |
| 3D Plus      | Leroy(V)                                      | (1300)      |
| 3D Plus      | Mady                                          | (2930)      |
| 3D Plus      | Nad1ne                                        | (2929)      |
| 3D Plus      | Natas1a                                       | (2930)      |
| 3D Plus      | Nathan                                        | (4297)      |
| 3D Plus      | Young(C)                                      | (1300)      |
| 3D Plus      | Young(V)                                      | (1300)      |
| ABLIC        | S-24C02DI-A8 [DFN8]                           | (4538)      |
| ABLIC        | S-24C02DI-I8 [SNT-8A]                         | (2411)      |
| ABLIC        | S-24C02DI-J8 [SOP8]                           | (950)       |
| ABLIC        | S-24C02DI-K8 [TMSOP8]                         | (714)       |
| ABLIC        | S-24C02DI-M5 [SOT23-5]                        | (523)       |
| ABLIC        | S-24C02DI-T8 [TSSOP8]                         | (121)       |
| ABLIC        | S-24C02DI-xx (ISP)                            | (138)       |
| ABLIC        | S-24C04DI-A8 [DFN8]                           | (4538)      |
| ABLIC        | S-24C04DI-I8 [SNT-8A]                         | (2411)      |
| ABLIC        | S-24C04DI-J8 [SOP8]                           | (950)       |
| ABLIC        | S-24C04DI-K8 [TMSOP8]                         | (714)       |
| ABLIC        | S-24C04DI-M5 [SOT23-5]                        | (523)       |
| ABLIC        | S-24C04DI-T8 [TSSOP8]                         | (121)       |
| ABLIC        | S-24C04DI-xx (ISP)                            | (138)       |
| ABLIC        | S-24C08CH-J8 [SOP8]                           | (950)       |
| ABLIC        | S-24C08CH-K8 [TMSOP8]                         | (714)       |
| ABLIC        | S-24C08CH-T8 [TSSOP8]                         | (121)       |
| ABLIC        | S-24C08CH-xx (ISP)                            | (138)       |
| ABLIC        | S-24C08DI-A8 [DFN8]                           | (4538)      |
| ABLIC        | S-24C08DI-I8 [SNT-8A]                         | (2411)      |
| ABLIC        | S-24C08DI-J8 [SOP8]                           | (950)       |
| ABLIC        | S-24C08DI-K8 [TMSOP8]                         | (714)       |
| ABLIC        | S-24C08DI-M5 [SOT23-5]                        | (523)       |
| ABLIC        | S-24C08DI-T8 [TSSOP8]                         | (121)       |
| ABLIC        | S-24C08DI-xx (ISP)                            | (138)       |
| ABLIC        | S-24C128CH-J8 [SOP8]                          | (950)       |
| ABLIC        | S-24C128CH-T8 [TSSOP8]                        | (121)       |
| ABLIC        | S-24C128CH-xx (ISP)                           | (138)       |
| ABLIC        | S-24C128CI-J8 [SOP8]                          | (950)       |
| ABLIC        | S-24C128CI-T8 [TSSOP8]                        | (121)       |
| ABLIC        | S-24C128CI-xx (ISP)                           | (138)       |
| ABLIC        | S-24C16CH-J8 [SOP8]                           | (950)       |
| ABLIC        | S-24C16CH-K8 [TMSOP8]                         | (714)       |
| ABLIC        | S-24C16CH-T8 [TSSOP8]                         | (121)       |
| ABLIC        | S-24C16CH-xx (ISP)                            | (138)       |
| ABLIC        | S-24C16DI-A8 [DFN8-2030]                      | (4538)      |
| ABLIC        | S-24C16DI-I8 [SNT-8A]                         | (2411)      |
| ABLIC        | S-24C16DI-J8 [SOP8]                           | (950)       |
| ABLIC        | S-24C16DI-K8 [TMSOP8]                         | (714)       |
| ABLIC        | S-24C16DI-M5 [SOT23-5]                        | (523)       |
| ABLIC        | S-24C16DI-T8 [TSSOP8]                         | (121)       |
| ABLIC        | S-24C16DI-xx (ISP)                            | (138)       |
| ABLIC        | S-24C256CI-J8 [SOP8]                          | (950)       |
| ABLIC        | S-24C256CI-T8 [TSSOP8]                        | (121)       |
| ABLIC        | S-24C256CI-xx (ISP)                           | (138)       |
| ABLIC        | S-24C32CH-J8 [SOP8]                           | (950)       |
| ABLIC        | S-24C32CH-K8 [TMSOP8]                         | (714)       |
| ABLIC        | S-24C32CH-T8 [TSSOP8]                         | (121)       |
| ABLIC        | S-24C32CH-xx (ISP)                            | (138)       |
| ABLIC        | S-24C32CI-I8 [SNT-8A]                         | (2411)      |
| ABLIC        | S-24C32CI-J8 [SOP8]                           | (950)       |
| ABLIC        | S-24C32CI-K8 [TMSOP8]                         | (714)       |
| ABLIC        | S-24C32CI-T8 [TSSOP8]                         | (121)       |
| ABLIC        | S-24C32CI-xx (ISP)                            | (138)       |
| ABLIC        | S-24C512CI-J8 [SOP8]                          | (950)       |
| ABLIC        | S-24C512CI-T8 [TSSOP8]                        | (121)       |
| ABLIC        | S-24C512CI-xx (ISP)                           | (138)       |
| ABLIC        | S-24C64CH-J8 [SOP8]                           | (950)       |
| ABLIC        | S-24C64CH-K8 [TMSOP8]                         | (714)       |
| ABLIC        | S-24C64CH-T8 [TSSOP8]                         | (121)       |
| ABLIC        | S-24C64CH-xx (ISP)                            | (138)       |
| ABLIC        | S-24C64CI-I8 [SNT-8A]                         | (2411)      |
| ABLIC        | S-24C64CI-J8 [SOP8]                           | (950)       |
| ABLIC        | S-24C64CI-K8 [TMSOP8]                         | (714)       |
| ABLIC        | S-24C64CI-T8 [TSSOP8]                         | (121)       |
| ABLIC        | S-24C64CI-xx (ISP)                            | (138)       |

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|-------|--------------------------|--------|
| ABLIC | S-24CM01CI-J8 [SOP8]     | (950)  |
| ABLIC | S-24CM01CI-xx (ISP)      | (138)  |
| ABLIC | S-24CS01AFJ [SOP8]       | (950)  |
| ABLIC | S-24CS01AFM [TMSOP8]     | (714)  |
| ABLIC | S-24CS01AFT [TSSOP8]     | (121)  |
| ABLIC | S-24CS01Axx (ISP)        | (138)  |
| ABLIC | S-24CS02AFJ [SOP8]       | (950)  |
| ABLIC | S-24CS02AFM [TMSOP8]     | (714)  |
| ABLIC | S-24CS02AFT [TSSOP8]     | (121)  |
| ABLIC | S-24CS02Axx (ISP)        | (138)  |
| ABLIC | S-24CS04AFJ [SOP8]       | (950)  |
| ABLIC | S-24CS04AFM [TMSOP8]     | (714)  |
| ABLIC | S-24CS04AFT [TSSOP8]     | (121)  |
| ABLIC | S-24CS04Axx (ISP)        | (138)  |
| ABLIC | S-25A010A (ISP)          | (138)  |
| ABLIC | S-25A010A [SOP8 (JEDEC)] | (950)  |
| ABLIC | S-25A010A [TMSOP8]       | (714)  |
| ABLIC | S-25A010A [TSSOP8]       | (121)  |
| ABLIC | S-25A020A (ISP)          | (138)  |
| ABLIC | S-25A020A [SOP8 (JEDEC)] | (950)  |
| ABLIC | S-25A020A [TMSOP8]       | (714)  |
| ABLIC | S-25A020A [TSSOP8]       | (121)  |
| ABLIC | S-25A040A (ISP)          | (138)  |
| ABLIC | S-25A040A [SOP8 (JEDEC)] | (950)  |
| ABLIC | S-25A040A [TMSOP8]       | (714)  |
| ABLIC | S-25A040A [TSSOP8]       | (121)  |
| ABLIC | S-25A080A (ISP)          | (138)  |
| ABLIC | S-25A080A [SOP8 (JEDEC)] | (950)  |
| ABLIC | S-25A080A [TSSOP8]       | (121)  |
| ABLIC | S-25A080B (ISP)          | (138)  |
| ABLIC | S-25A080B [SOP8 (JEDEC)] | (950)  |
| ABLIC | S-25A080B [TMSOP8]       | (714)  |
| ABLIC | S-25A080B [TSSOP8]       | (121)  |
| ABLIC | S-25A160A (ISP)          | (138)  |
| ABLIC | S-25A160A [SOP8 (JEDEC)] | (950)  |
| ABLIC | S-25A160A [TSSOP8]       | (121)  |
| ABLIC | S-25A160B (ISP)          | (138)  |
| ABLIC | S-25A160B [SOP8 (JEDEC)] | (950)  |
| ABLIC | S-25A160B [TMSOP8]       | (714)  |
| ABLIC | S-25A160B [TSSOP8]       | (121)  |
| ABLIC | S-25A320A (ISP)          | (138)  |
| ABLIC | S-25A320A [SOP8 (JEDEC)] | (950)  |
| ABLIC | S-25A320A [TSSOP8]       | (121)  |
| ABLIC | S-25A320B (ISP)          | (138)  |
| ABLIC | S-25A320B [SOP8 (JEDEC)] | (950)  |
| ABLIC | S-25A320B [TMSOP8]       | (714)  |
| ABLIC | S-25A320B [TSSOP8]       | (121)  |
| ABLIC | S-25C010A0T-I8 [SNT-8A]  | (2411) |
| ABLIC | S-25C010A0T-J8 [SOP8]    | (950)  |
| ABLIC | S-25C010A0T-K8 [TMSOP8]  | (714)  |
| ABLIC | S-25C010A0T-T8 [TSSOP8]  | (121)  |
| ABLIC | S-25C010A0T-xx (ISP)     | (138)  |
| ABLIC | S-25C020A0T-I8 [SNT-8A]  | (2411) |
| ABLIC | S-25C020A0T-J8 [SOP8]    | (950)  |
| ABLIC | S-25C020A0T-K8 [TMSOP8]  | (714)  |
| ABLIC | S-25C020A0T-T8 [TSSOP8]  | (121)  |
| ABLIC | S-25C020A0T-xx (ISP)     | (138)  |
| ABLIC | S-25C040A0T-I8 [SNT-8A]  | (2411) |
| ABLIC | S-25C040A0T-J8 [SOP8]    | (950)  |
| ABLIC | S-25C040A0T-K8 [TMSOP8]  | (714)  |
| ABLIC | S-25C040A0T-T8 [TSSOP8]  | (121)  |
| ABLIC | S-25C040A0T-xx (ISP)     | (138)  |
| ABLIC | S-25C080A0T-I8 [SNT-8A]  | (2411) |
| ABLIC | S-25C080A0T-J8 [SOP8]    | (950)  |
| ABLIC | S-25C080A0T-K8 [TMSOP8]  | (714)  |
| ABLIC | S-25C080A0T-T8 [TSSOP8]  | (121)  |
| ABLIC | S-25C080A0T-xx (ISP)     | (138)  |
| ABLIC | S-25C128A0T-J8 [SOP8]    | (950)  |
| ABLIC | S-25C128A0T-T8 [TSSOP8]  | (121)  |
| ABLIC | S-25C128A0T-xx (ISP)     | (138)  |
| ABLIC | S-25C160A0T-J8 [SOP8]    | (950)  |
| ABLIC | S-25C160A0T-K8 [TMSOP8]  | (714)  |
| ABLIC | S-25C160A0T-T8 [TSSOP8]  | (121)  |
| ABLIC | S-25C160A0T-xx (ISP)     | (138)  |
| ABLIC | S-25C256A0T-J8 [SOP8]    | (950)  |
| ABLIC | S-25C256A0T-T8 [TSSOP8]  | (121)  |
| ABLIC | S-25C256A0T-xx (ISP)     | (138)  |
| ABLIC | S-25C320A0T-I8 [SNT-8A]  | (2411) |
| ABLIC | S-25C320A0T-J8 [SOP8]    | (950)  |
| ABLIC | S-25C320A0T-K8 [TMSOP8]  | (714)  |
| ABLIC | S-25C320A0T-T8 [TSSOP8]  | (121)  |
| ABLIC | S-25C320A0T-xx (ISP)     | (138)  |
| ABLIC | S-25C512A0T-J8 [SOP8]    | (950)  |
| ABLIC | S-25C512A0T-T8 [TSSOP8]  | (121)  |
| ABLIC | S-25C512A0T-xx (ISP)     | (138)  |
| ABLIC | S-25C640A0T-J8 [SOP8]    | (950)  |
| ABLIC | S-25C640A0T-K8 [TMSOP8]  | (714)  |
| ABLIC | S-25C640A0T-T8 [TSSOP8]  | (121)  |
| ABLIC | S-25C640A0T-xx (ISP)     | (138)  |
| ABLIC | S-25CM01A0T-J8 [SOP8]    | (950)  |
| ABLIC | S-25CM01A0T-xx (ISP)     | (138)  |
| ABLIC | S-34C02B (ISP)           | (138)  |
| ABLIC | S-34C02B [DFN8-2030]     | (4538) |
| ABLIC | S-34C04A (ISP)           | (138)  |
| ABLIC | S-34C04A [DFN8-2030]     | (4538) |
| ABLIC | S-93A46B (ISP)           | (138)  |
| ABLIC | S-93A46B [HSNT-8 (2030)] | (4538) |
| ABLIC | S-93A46B [SOP8 (JEDEC)]  | (950)  |
| ABLIC | S-93A46B [TMSOP8]        | (714)  |
| ABLIC | S-93A46B [TSSOP8]        | (121)  |
| ABLIC | S-93A56B (ISP)           | (138)  |
| ABLIC | S-93A56B [HSNT-8 (2030)] | (4538) |
| ABLIC | S-93A56B [SOP8 (JEDEC)]  | (950)  |
| ABLIC | S-93A56B [TMSOP8]        | (714)  |
| ABLIC | S-93A56B [TSSOP8]        | (121)  |
| ABLIC | S-93A66B (ISP)           | (138)  |
| ABLIC | S-93A66B [HSNT-8 (2030)] | (4538) |
| ABLIC | S-93A66B [SOP8 (JEDEC)]  | (950)  |
| ABLIC | S-93A66B [TMSOP8]        | (714)  |
| ABLIC | S-93A66B [TSSOP8]        | (121)  |
| ABLIC | S-93A76B (ISP)           | (138)  |
| ABLIC | S-93A76B [HSNT-8 (2030)] | (4538) |
| ABLIC | S-93A76B [SOP8 (JEDEC)]  | (950)  |
| ABLIC | S-93A76B [TMSOP8]        | (714)  |
| ABLIC | S-93A76B [TSSOP8]        | (121)  |
| ABLIC | S-93A86B (ISP)           | (138)  |
| ABLIC | S-93A86B [HSNT-8 (2030)] | (4538) |
| ABLIC | S-93A86B [SOP8 (JEDEC)]  | (950)  |
| ABLIC | S-93A86B [TMSOP8]        | (714)  |
| ABLIC | S-93A86B [TSSOP8]        | (121)  |
| ABLIC | S-93C46C (ISP)           | (138)  |
| ABLIC | S-93C46C [HSNT-8 (2030)] | (4538) |
| ABLIC | S-93C46C [SOP8 (JEDEC)]  | (950)  |
| ABLIC | S-93C46C [TMSOP8]        | (714)  |
| ABLIC | S-93C46C [TSSOP8]        | (121)  |
| ABLIC | S-93C56C (ISP)           | (138)  |
| ABLIC | S-93C56C [HSNT-8 (2030)] | (4538) |
| ABLIC | S-93C56C [SOP8 (JEDEC)]  | (950)  |

|                    |            |                    |              |
|--------------------|------------|--------------------|--------------|
| ABLIC              | S-93C56C   | [TMSOP8]           | (714)        |
| ABLIC              | S-93C56C   | [TSSOP8]           | (121)        |
| ABLIC              | S-93C66C   | (ISP)              | (138)        |
| ABLIC              | S-93C66C   | [HSNT-8 (2030)]    | (4538)       |
| ABLIC              | S-93C66C   | [SOP8 (JEDEC)]     | (950)        |
| ABLIC              | S-93C66C   | [TMSOP8]           | (714)        |
| ABLIC              | S-93C66C   | [TSSOP8]           | (121)        |
| ABLIC              | S-93C76C   | (ISP)              | (138)        |
| ABLIC              | S-93C76C   | [HSNT-8 (2030)]    | (4538)       |
| ABLIC              | S-93C76C   | [SOP8 (JEDEC)]     | (950)        |
| ABLIC              | S-93C76C   | [TMSOP8]           | (714)        |
| ABLIC              | S-93C76C   | [TSSOP8]           | (121)        |
| ABLIC              | S-93C86C   | (ISP)              | (138)        |
| ABLIC              | S-93C86C   | [HSNT-8 (2030)]    | (4538)       |
| ABLIC              | S-93C86C   | [SOP8 (JEDEC)]     | (950)        |
| ABLIC              | S-93C86C   | [TMSOP8]           | (714)        |
| ABLIC              | S-93C86C   | [TSSOP8]           | (121)        |
| ABOV Semiconductor | A33G526    | (ISP-SWD)          | (138) (9997) |
| ABOV Semiconductor | A33G526    | [LQFP64] (SWD)     | (4790)       |
| ABOV Semiconductor | A33G527    | (ISP-SPI)          | (138) (9997) |
| ABOV Semiconductor | A33G527    | (ISP-SWD)          | (138) (9997) |
| ABOV Semiconductor | A33G527    | [MQFP100] (SPI)    | (2865)       |
| ABOV Semiconductor | A33G527    | [MQFP100] (SWD)    | (2865)       |
| ABOV Semiconductor | A33G527VQN | (ISP-SPI)          | (138) (9997) |
| ABOV Semiconductor | A97C450    | [LQFP48]           | (174)        |
| ABOV Semiconductor | A97C450    | [LQFP48] (LGE_DIS) | (174)        |
| ABOV Semiconductor | AC30M1364  | (ISP-SWD)          | (138)        |
| ABOV Semiconductor | AC30M1364  | [LQFP32]           | (4356)       |
| ABOV Semiconductor | GMS34004TK |                    |              |
| ABOV Semiconductor | GMS34004TM |                    |              |
| ABOV Semiconductor | GMS34112TK |                    |              |
| ABOV Semiconductor | GMS34112TK | [SOP20]            | (119)        |
| ABOV Semiconductor | GMS34112TK | [SSOP20]           | (1089)       |
| ABOV Semiconductor | GMS34112TM |                    |              |
| ABOV Semiconductor | GMS34112TM | [SOP20]            | (119)        |
| ABOV Semiconductor | GMS34112TM | [SSOP20]           | (1089)       |
| ABOV Semiconductor | GMS34140TK |                    |              |
| ABOV Semiconductor | GMS34140TK | [SOP24]            | (1062)       |
| ABOV Semiconductor | GMS34140TM |                    |              |
| ABOV Semiconductor | GMS34140TM | [SOP24]            | (1062)       |
| ABOV Semiconductor | GMS77C1000 |                    |              |
| ABOV Semiconductor | GMS77C1000 | [SOIC18]           | (1061)       |
| ABOV Semiconductor | GMS77C1000 | [SSOP20]           | (91)         |
| ABOV Semiconductor | GMS77C1001 |                    |              |
| ABOV Semiconductor | GMS77C1001 | [SOIC18]           | (1061)       |
| ABOV Semiconductor | GMS77C1001 | [SSOP20]           | (91)         |
| ABOV Semiconductor | GMS81516BT | [LQFP64]           | (921)        |
| ABOV Semiconductor | GMS81516BT | [MQFP64]           | (920)        |
| ABOV Semiconductor | GMS81516BT | [SDIP64]           | (919)        |
| ABOV Semiconductor | GMS81524BT | [LQFP64]           | (921)        |
| ABOV Semiconductor | GMS81524BT | [MQFP64]           | (920)        |
| ABOV Semiconductor | GMS81524BT | [SDIP64]           | (919)        |
| ABOV Semiconductor | GMS82524T  | [MQFP44]           | (108)        |
| ABOV Semiconductor | GMS82524T  | [SDIP42]           | (164)        |
| ABOV Semiconductor | GMS87C1102 |                    |              |
| ABOV Semiconductor | GMS87C1102 | [SOIC16]           | (1060)       |
| ABOV Semiconductor | GMS87C1202 |                    |              |
| ABOV Semiconductor | GMS87C1202 | [SOIC20]           | (119)        |
| ABOV Semiconductor | GMS87C1404 |                    |              |
| ABOV Semiconductor | GMS87C1404 | [SOIC28]           | (51)         |
| ABOV Semiconductor | GMS87C1408 |                    |              |
| ABOV Semiconductor | GMS87C1408 | [SOIC28]           | (51)         |
| ABOV Semiconductor | GMS97C1051 |                    |              |
| ABOV Semiconductor | GMS97C1051 | [SOP20]            | (119)        |
| ABOV Semiconductor | GMS97C2051 |                    |              |
| ABOV Semiconductor | GMS97C2051 | [SOP20]            | (119)        |
| ABOV Semiconductor | GMS97C51   |                    |              |
| ABOV Semiconductor | GMS97C51   | [MQFP44]           | (108)        |
| ABOV Semiconductor | GMS97C51   | [PLCC44]           | (67)         |
| ABOV Semiconductor | GMS97C52   |                    |              |
| ABOV Semiconductor | GMS97C52   | [MQFP44]           | (108)        |
| ABOV Semiconductor | GMS97C52   | [PLCC44]           | (67)         |
| ABOV Semiconductor | GMS97C54   |                    |              |
| ABOV Semiconductor | GMS97C54   | [MQFP44]           | (108)        |
| ABOV Semiconductor | GMS97C54   | [PLCC44]           | (67)         |
| ABOV Semiconductor | GMS97C56   |                    |              |
| ABOV Semiconductor | GMS97C56   | [MQFP44]           | (108)        |
| ABOV Semiconductor | GMS97C56   | [PLCC44]           | (67)         |
| ABOV Semiconductor | GMS97C58   |                    |              |
| ABOV Semiconductor | GMS97C58   | [MQFP44]           | (108)        |
| ABOV Semiconductor | GMS97C58   | [PLCC44]           | (67)         |
| ABOV Semiconductor | GMS97L1051 |                    |              |
| ABOV Semiconductor | GMS97L1051 | [SOP20]            | (119)        |
| ABOV Semiconductor | GMS97L2051 |                    |              |
| ABOV Semiconductor | GMS97L2051 | [SOP20]            | (119)        |
| ABOV Semiconductor | GMS97L51   |                    |              |
| ABOV Semiconductor | GMS97L51   | [MQFP44]           | (108)        |
| ABOV Semiconductor | GMS97L51   | [PLCC44]           | (67)         |
| ABOV Semiconductor | GMS97L52   |                    |              |
| ABOV Semiconductor | GMS97L52   | [MQFP44]           | (108)        |
| ABOV Semiconductor | GMS97L52   | [PLCC44]           | (67)         |
| ABOV Semiconductor | GMS97L54   |                    |              |
| ABOV Semiconductor | GMS97L54   | [MQFP44]           | (108)        |
| ABOV Semiconductor | GMS97L54   | [PLCC44]           | (67)         |
| ABOV Semiconductor | GMS97L56   |                    |              |
| ABOV Semiconductor | GMS97L56   | [MQFP44]           | (108)        |
| ABOV Semiconductor | GMS97L56   | [PLCC44]           | (67)         |
| ABOV Semiconductor | GMS97L58   |                    |              |
| ABOV Semiconductor | GMS97L58   | [MQFP44]           | (108)        |
| ABOV Semiconductor | GMS97L58   | [PLCC44]           | (67)         |
| ABOV Semiconductor | GMS99C58   |                    |              |
| ABOV Semiconductor | GMS99C58   | [MQFP44]           | (108)        |
| ABOV Semiconductor | GMS99C58   | [PLCC44]           | (67)         |
| ABOV Semiconductor | HART-m320  | (ISP-SPI)          | (138) (9997) |
| ABOV Semiconductor | HART-m320  | (ISP-SWD)          | (138) (9997) |
| ABOV Semiconductor | HART-m320  | [QFP100] (SPI)     | (2865)       |
| ABOV Semiconductor | HART-m320  | [QFP100] (SWD)     | (2865)       |
| ABOV Semiconductor | HMS81020ET | [PDIP20]           |              |
| ABOV Semiconductor | HMS81020ET | [SKDIP24]          |              |
| ABOV Semiconductor | HMS81020ET | [SKDIP28]          |              |
| ABOV Semiconductor | HMS81020ET | [SOIC20]           | (119)        |
| ABOV Semiconductor | HMS81020ET | [SOIC24]           | (1062)       |
| ABOV Semiconductor | HMS81020ET | [SOIC28]           | (51)         |
| ABOV Semiconductor | HMS81020TL | [PDIP20]           |              |
| ABOV Semiconductor | HMS81020TL | [SKDIP24]          |              |
| ABOV Semiconductor | HMS81020TL | [SKDIP28]          |              |
| ABOV Semiconductor | HMS81020TL | [SOIC20]           | (119)        |
| ABOV Semiconductor | HMS81020TL | [SOIC24]           | (1062)       |
| ABOV Semiconductor | HMS81020TL | [SOIC28]           | (51)         |
| ABOV Semiconductor | HMS81032ET | [PDIP20]           |              |
| ABOV Semiconductor | HMS81032ET | [SKDIP24]          |              |
| ABOV Semiconductor | HMS81032ET | [SKDIP28]          |              |
| ABOV Semiconductor | HMS81032ET | [SOIC20]           | (119)        |
| ABOV Semiconductor | HMS81032ET | [SOIC24]           | (1062)       |
| ABOV Semiconductor | HMS81032ET | [SOIC28]           | (51)         |
| ABOV Semiconductor | HMS81032TL | [PDIP20]           |              |
| ABOV Semiconductor | HMS81032TL | [SKDIP24]          |              |
| ABOV Semiconductor | HMS81032TL | [SKDIP28]          |              |

|      |               |             |                 |        |
|------|---------------|-------------|-----------------|--------|
| ABOV | Semiconductor | HMS81032TL  | [SOIC20]        | (119)  |
| ABOV | Semiconductor | HMS81032TL  | [SOIC24]        | (1062) |
| ABOV | Semiconductor | HMS81032TL  | [SOIC28]        | (51)   |
| ABOV | Semiconductor | HMS87C1102A |                 |        |
| ABOV | Semiconductor | HMS87C1102A | [SOIC16]        | (1060) |
| ABOV | Semiconductor | HMS87C1104A |                 |        |
| ABOV | Semiconductor | HMS87C1104A | [SOIC16]        | (1060) |
| ABOV | Semiconductor | HMS87C1202A |                 |        |
| ABOV | Semiconductor | HMS87C1202A | [SOIC20]        | (119)  |
| ABOV | Semiconductor | HMS87C1204A |                 |        |
| ABOV | Semiconductor | HMS87C1204A | [SOIC20]        | (119)  |
| ABOV | Semiconductor | HMS87C1302A |                 |        |
| ABOV | Semiconductor | HMS87C1302A | [SOIC24]        | (1062) |
| ABOV | Semiconductor | HMS87C1304A |                 |        |
| ABOV | Semiconductor | HMS87C1304A | [SOIC24]        | (1062) |
| ABOV | Semiconductor | HMS87C1404B |                 |        |
| ABOV | Semiconductor | HMS87C1404B | [SOIC28]        | (51)   |
| ABOV | Semiconductor | HMS87C1408B |                 |        |
| ABOV | Semiconductor | HMS87C1408B | [SOIC28]        | (51)   |
| ABOV | Semiconductor | HMS87C1416B |                 |        |
| ABOV | Semiconductor | HMS87C1416B | [SOIC28]        | (51)   |
| ABOV | Semiconductor | HMS87C1508B |                 |        |
| ABOV | Semiconductor | HMS87C1516B |                 |        |
| ABOV | Semiconductor | HMS87C1608B |                 |        |
| ABOV | Semiconductor | HMS87C1616B |                 |        |
| ABOV | Semiconductor | HMS87C1708B | [SDIP42]        | (164)  |
| ABOV | Semiconductor | HMS87C1716B | [SDIP42]        | (164)  |
| ABOV | Semiconductor | HMS87C1808B | [MQFP44]        | (108)  |
| ABOV | Semiconductor | HMS87C1816B | [MQFP44]        | (108)  |
| ABOV | Semiconductor | HMS99C51    |                 |        |
| ABOV | Semiconductor | HMS99C51    | [MQFP44]        | (108)  |
| ABOV | Semiconductor | HMS99C51    | [PLCC44]        | (67)   |
| ABOV | Semiconductor | HMS99C51S   |                 |        |
| ABOV | Semiconductor | HMS99C51S   | [MQFP44]        | (108)  |
| ABOV | Semiconductor | HMS99C51S   | [PLCC44]        | (67)   |
| ABOV | Semiconductor | HMS99C52    |                 |        |
| ABOV | Semiconductor | HMS99C52    | [MQFP44]        | (108)  |
| ABOV | Semiconductor | HMS99C52    | [PLCC44]        | (67)   |
| ABOV | Semiconductor | HMS99C52S   |                 |        |
| ABOV | Semiconductor | HMS99C52S   | [MQFP44]        | (108)  |
| ABOV | Semiconductor | HMS99C52S   | [PLCC44]        | (67)   |
| ABOV | Semiconductor | HMS99C54S   |                 |        |
| ABOV | Semiconductor | HMS99C54S   | [MQFP44]        | (108)  |
| ABOV | Semiconductor | HMS99C54S   | [PLCC44]        | (67)   |
| ABOV | Semiconductor | HMS99C56S   |                 |        |
| ABOV | Semiconductor | HMS99C56S   | [MQFP44]        | (108)  |
| ABOV | Semiconductor | HMS99C56S   | [PLCC44]        | (67)   |
| ABOV | Semiconductor | HMS99C58S   |                 |        |
| ABOV | Semiconductor | HMS99C58S   | [MQFP44]        | (108)  |
| ABOV | Semiconductor | HMS99C58S   | [PLCC44]        | (67)   |
| ABOV | Semiconductor | MC40P5001D  | [SOIC20 200mil] | (1055) |
| ABOV | Semiconductor | MC40P5001D  | [SOIC20 300mil] | (119)  |
| ABOV | Semiconductor | MC40P5004A  | 1K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC40P5004A  | 1K [TSSOP20]    | (1089) |
| ABOV | Semiconductor | MC40P5004A  | 2K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC40P5004A  | 2K [TSSOP20]    | (1089) |
| ABOV | Semiconductor | MC40P5004A  | 4K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC40P5004A  | 4K [TSSOP20]    | (1089) |
| ABOV | Semiconductor | MC40P5004B  | 1K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC40P5004B  | 1K [TSSOP20]    | (1089) |
| ABOV | Semiconductor | MC40P5004B  | 2K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC40P5004B  | 2K [TSSOP20]    | (1089) |
| ABOV | Semiconductor | MC40P5004B  | 4K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC40P5004B  | 4K [TSSOP20]    | (1089) |
| ABOV | Semiconductor | MC40P5101D  | [SOIC20 200mil] | (1055) |
| ABOV | Semiconductor | MC40P5101D  | [SOIC20 300mil] | (119)  |
| ABOV | Semiconductor | MC40P5104A  | 1K [SOPN16]     | (44)   |
| ABOV | Semiconductor | MC40P5104A  | 2K [SOPN16]     | (44)   |
| ABOV | Semiconductor | MC40P5104A  | 4K [SOPN16]     | (44)   |
| ABOV | Semiconductor | MC40P5104B  | 1K [SOPN16]     | (44)   |
| ABOV | Semiconductor | MC40P5104B  | 2K [SOPN16]     | (44)   |
| ABOV | Semiconductor | MC40P5104B  | 4K [SOPN16]     | (44)   |
| ABOV | Semiconductor | MC40P5201D  | [SOIC24]        | (1062) |
| ABOV | Semiconductor | MC40P5204A  | 1K [SOP24]      | (1062) |
| ABOV | Semiconductor | MC40P5204A  | 2K [SOP24]      | (1062) |
| ABOV | Semiconductor | MC40P5204A  | 4K [SOP24]      | (1062) |
| ABOV | Semiconductor | MC40P5204B  | 1K [SOP24]      | (1062) |
| ABOV | Semiconductor | MC40P5204B  | 2K [SOP24]      | (1062) |
| ABOV | Semiconductor | MC40P5204B  | 4K [SOP24]      | (1062) |
| ABOV | Semiconductor | MC40P5301D  | [SOIC24]        | (1062) |
| ABOV | Semiconductor | MC40P5404A  | 1K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC40P5404A  | 2K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC40P5404A  | 4K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC40P5404B  | 1K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC40P5404B  | 2K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC40P5404B  | 4K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC41P6004   | 1K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC41P6004   | 1K [TSSOP20]    | (1089) |
| ABOV | Semiconductor | MC41P6004   | 2K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC41P6004   | 2K [TSSOP20]    | (1089) |
| ABOV | Semiconductor | MC41P6004   | 4K [SOP20]      | (119)  |
| ABOV | Semiconductor | MC41P6004   | 4K [TSSOP20]    | (1089) |
| ABOV | Semiconductor | MC41P6104   | 1K [SOPN16]     | (44)   |
| ABOV | Semiconductor | MC41P6104   | 2K [SOPN16]     | (44)   |
| ABOV | Semiconductor | MC41P6104   | 4K [SOPN16]     | (44)   |
| ABOV | Semiconductor | MC80F0504   |                 |        |
| ABOV | Semiconductor | MC80F0504   | [SOP16 153mil]  | (44)   |
| ABOV | Semiconductor | MC80F0504   | [SOP16 300mil]  | (1060) |
| ABOV | Semiconductor | MC80F0504   | [TSSOP16]       | (1088) |
| ABOV | Semiconductor | MC80F0604   |                 |        |
| ABOV | Semiconductor | MC80F0604   | [SOP20]         | (119)  |
| ABOV | Semiconductor | MC80F0604   | [SSOP20]        | (1089) |
| ABOV | Semiconductor | MC80F0708   |                 |        |
| ABOV | Semiconductor | MC80F0708   | [QFN28]         | (576)  |
| ABOV | Semiconductor | MC80F0708   | [SOP28]         | (51)   |
| ABOV | Semiconductor | MC80F0808   | [SDIP32]        | (175)  |
| ABOV | Semiconductor | MC80F0808   | [SOP32]         | (233)  |
| ABOV | Semiconductor | MC81F4104   |                 |        |
| ABOV | Semiconductor | MC81F4104   | [SOP8]          | (950)  |
| ABOV | Semiconductor | MC81F4204   | [PDIP16]        |        |
| ABOV | Semiconductor | MC81F4204   | [PDIP20]        |        |
| ABOV | Semiconductor | MC81F4204   | [SOP16]         | (44)   |
| ABOV | Semiconductor | MC81F4204   | [SOP20]         | (119)  |
| ABOV | Semiconductor | MC81F4204   | [TSSOP16]       | (1088) |
| ABOV | Semiconductor | MC81F4204   | [TSSOP20]       | (1089) |
| ABOV | Semiconductor | MC81F4216   |                 |        |
| ABOV | Semiconductor | MC81F4216   | [QFN24]         | (731)  |
| ABOV | Semiconductor | MC81F4216   | [SOP20]         | (119)  |
| ABOV | Semiconductor | MC81F4315   | [LQFP32]        | (159)  |
| ABOV | Semiconductor | MC81F4315   | [SDIP32]        | (175)  |
| ABOV | Semiconductor | MC81F4315   | [SKDIP28]       |        |
| ABOV | Semiconductor | MC81F4315   | [SOP28]         | (51)   |
| ABOV | Semiconductor | MC81F4315   | [SOP32]         | (98)   |
| ABOV | Semiconductor | MC81F4315   | [SSOP24]        | (1103) |
| ABOV | Semiconductor | MC81F4316   | [QFN28]         | (576)  |
| ABOV | Semiconductor | MC81F4316   | [SDIP32]        | (175)  |
| ABOV | Semiconductor | MC81F4316   | [SKDIP28]       |        |
| ABOV | Semiconductor | MC81F4316   | [SOP28]         | (51)   |

|      |               |              |                 |        |
|------|---------------|--------------|-----------------|--------|
| ABOV | Semiconductor | MC81F4316    | [SOP32]         | (233)  |
| ABOV | Semiconductor | MC81F4316    | [SSOP24]        | (1103) |
| ABOV | Semiconductor | MC95FG204B   |                 |        |
| ABOV | Semiconductor | MC95FG204D   | [SOIC20]        | (119)  |
| ABOV | Semiconductor | MC95FG204M   | [SOIC16]        | (44)   |
| ABOV | Semiconductor | MC95FG204R   | [TSSOP16]       | (1088) |
| ABOV | Semiconductor | MC95FG204V   |                 |        |
| ABOV | Semiconductor | MC95FG204W   | [TSSOP20]       | (1089) |
| ABOV | Semiconductor | MC96F6332    | [LQFP32]        | (159)  |
| ABOV | Semiconductor | MC96F6332    | [SOP28]         | (51)   |
| ABOV | Semiconductor | MC96F6332    | [SOP32]         | (233)  |
| ABOV | Semiconductor | MC96F6432    | [LQFP32]        | (159)  |
| ABOV | Semiconductor | MC96F6432    | [MQFP44]        | (108)  |
| ABOV | Semiconductor | MC96F6432    | [SOP28]         | (51)   |
| ABOV | Semiconductor | MC96F6432    | [SOP32]         | (233)  |
| ABOV | Semiconductor | MC96F6432S   | [MQFP44]        | (108)  |
| ABOV | Semiconductor | MC96F7816    | [LQFP80]        | (2737) |
| ABOV | Semiconductor | MC96F8208S   | [SOP16]         | (4320) |
| ABOV | Semiconductor | MC96F8316M   | [SOP28]         | (4043) |
| ABOV | Semiconductor | MC96FR3128   | [MQFP44]        | (108)  |
| ABOV | Semiconductor | MC96FR3128   | [MQFP44] (LGE)  | (108)  |
| ABOV | Semiconductor | MC96FR3128   | [SOP28]         | (51)   |
| ABOV | Semiconductor | MC96FR3128   | [SOP28] (LGE)   | (51)   |
| ABOV | Semiconductor | MC96FR3128   | [SOP32]         | (98)   |
| ABOV | Semiconductor | MC96FR3128   | [SOP32] (LGE)   | (98)   |
| ABOV | Semiconductor | MC96FR3128   | [TSSOP28]       | (172)  |
| ABOV | Semiconductor | MC96FR3128   | [TSSOP28] (LGE) | (172)  |
| ABOV | Semiconductor | MC96FT1608MB | [SOP16]         | (3676) |
| ABOV | Semiconductor | MC96FT1616UB | [QFN24]         | (3032) |
| ABOV | Semiconductor | MC96FT242D   | [SOP32]         | (3619) |
| ACE  | Technology    | ACE24AC02A1  |                 |        |
| ACE  | Technology    | ACE24AC02A1  | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC02A1  | [MSOP8]         | (605)  |
| ACE  | Technology    | ACE24AC02A1  | [SOP8]          | (950)  |
| ACE  | Technology    | ACE24AC02A1  | [SOT23-5]       | (523)  |
| ACE  | Technology    | ACE24AC02A1  | [TDFN8-2x3]     | (2995) |
| ACE  | Technology    | ACE24AC02A1  | [TSSOP8]        | (121)  |
| ACE  | Technology    | ACE24AC02A3  |                 |        |
| ACE  | Technology    | ACE24AC02A3  | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC02A3  | [MSOP8]         | (605)  |
| ACE  | Technology    | ACE24AC02A3  | [SOP8]          | (950)  |
| ACE  | Technology    | ACE24AC02A3  | [SOT23-5]       | (523)  |
| ACE  | Technology    | ACE24AC02A3  | [TDFN8-2x3]     | (2995) |
| ACE  | Technology    | ACE24AC02A3  | [TSSOP8]        | (121)  |
| ACE  | Technology    | ACE24AC02A3C |                 |        |
| ACE  | Technology    | ACE24AC02A3C | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC02A3C | [MSOP8]         | (605)  |
| ACE  | Technology    | ACE24AC02A3C | [SOP8]          | (950)  |
| ACE  | Technology    | ACE24AC02A3C | [SOT23-5]       | (523)  |
| ACE  | Technology    | ACE24AC02A3C | [TDFN8-2x3]     | (2995) |
| ACE  | Technology    | ACE24AC02A3C | [TSOT23-5]      | (523)  |
| ACE  | Technology    | ACE24AC02A3C | [TSSOP8]        | (121)  |
| ACE  | Technology    | ACE24AC04    |                 |        |
| ACE  | Technology    | ACE24AC04    | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC04    | [MSOP8]         | (605)  |
| ACE  | Technology    | ACE24AC04    | [SOP8]          | (950)  |
| ACE  | Technology    | ACE24AC04    | [SOT23-5]       | (523)  |
| ACE  | Technology    | ACE24AC04    | [TDFN8-2x3]     | (2995) |
| ACE  | Technology    | ACE24AC04    | [TSOT23-5]      | (523)  |
| ACE  | Technology    | ACE24AC04    | [TSSOP8]        | (121)  |
| ACE  | Technology    | ACE24AC04C   |                 |        |
| ACE  | Technology    | ACE24AC04C   | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC04C   | [MSOP8]         | (605)  |
| ACE  | Technology    | ACE24AC04C   | [SOP8]          | (950)  |
| ACE  | Technology    | ACE24AC04C   | [SOT23-5]       | (523)  |
| ACE  | Technology    | ACE24AC04C   | [TSOT23-5]      | (523)  |
| ACE  | Technology    | ACE24AC04C   | [TSSOP8]        | (121)  |
| ACE  | Technology    | ACE24AC04C   | [USON8-2x3]     | (2995) |
| ACE  | Technology    | ACE24AC08    |                 |        |
| ACE  | Technology    | ACE24AC08    | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC08    | [MSOP8]         | (605)  |
| ACE  | Technology    | ACE24AC08    | [SOP8]          | (950)  |
| ACE  | Technology    | ACE24AC08    | [SOT23-5]       | (523)  |
| ACE  | Technology    | ACE24AC08    | [TDFN8-2x3]     | (2995) |
| ACE  | Technology    | ACE24AC08    | [TSOT23-5]      | (523)  |
| ACE  | Technology    | ACE24AC08    | [TSSOP8]        | (121)  |
| ACE  | Technology    | ACE24AC08B   |                 |        |
| ACE  | Technology    | ACE24AC08B   | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC08B   | [MSOP8]         | (605)  |
| ACE  | Technology    | ACE24AC08B   | [SOP8]          | (950)  |
| ACE  | Technology    | ACE24AC08B   | [SOT23-5]       | (523)  |
| ACE  | Technology    | ACE24AC08B   | [TSOT23-5]      | (523)  |
| ACE  | Technology    | ACE24AC08B   | [TSSOP8]        | (121)  |
| ACE  | Technology    | ACE24AC08B   | [USON8-2x3]     | (2995) |
| ACE  | Technology    | ACE24AC1024D |                 |        |
| ACE  | Technology    | ACE24AC1024D | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC1024D | [SOP8-150]      | (950)  |
| ACE  | Technology    | ACE24AC1024D | [TSSOP8]        | (121)  |
| ACE  | Technology    | ACE24AC128   |                 |        |
| ACE  | Technology    | ACE24AC128   | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC128   | [MSOP8]         | (605)  |
| ACE  | Technology    | ACE24AC128   | [SOP8-150]      | (950)  |
| ACE  | Technology    | ACE24AC128   | [TSSOP8]        | (121)  |
| ACE  | Technology    | ACE24AC128   | [USON8-2x3]     | (4538) |
| ACE  | Technology    | ACE24AC16    |                 |        |
| ACE  | Technology    | ACE24AC16    | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC16    | [MSOP8]         | (605)  |
| ACE  | Technology    | ACE24AC16    | [SOP8]          | (950)  |
| ACE  | Technology    | ACE24AC16    | [SOT23-5]       | (523)  |
| ACE  | Technology    | ACE24AC16    | [TDFN8-2x3]     | (2995) |
| ACE  | Technology    | ACE24AC16    | [TSOT23-5]      | (523)  |
| ACE  | Technology    | ACE24AC16    | [TSSOP8]        | (121)  |
| ACE  | Technology    | ACE24AC16B   |                 |        |
| ACE  | Technology    | ACE24AC16B   | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC16B   | [MSOP8]         | (605)  |
| ACE  | Technology    | ACE24AC16B   | [SOP8]          | (950)  |
| ACE  | Technology    | ACE24AC16B   | [SOT23-5]       | (523)  |
| ACE  | Technology    | ACE24AC16B   | [TSOT23-5]      | (523)  |
| ACE  | Technology    | ACE24AC16B   | [TSSOP8]        | (121)  |
| ACE  | Technology    | ACE24AC16B   | [USON8-2x3]     | (2995) |
| ACE  | Technology    | ACE24AC256   |                 |        |
| ACE  | Technology    | ACE24AC256   | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC256   | [MSOP8]         | (605)  |
| ACE  | Technology    | ACE24AC256   | [SOP8-150]      | (950)  |
| ACE  | Technology    | ACE24AC256   | [TDFN8-2x3]     | (4538) |
| ACE  | Technology    | ACE24AC256   | [TSSOP8]        | (121)  |
| ACE  | Technology    | ACE24AC32D   |                 |        |
| ACE  | Technology    | ACE24AC32D   | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC32D   | [MSOP8]         | (605)  |
| ACE  | Technology    | ACE24AC32D   | [SOP8-150]      | (950)  |
| ACE  | Technology    | ACE24AC32D   | [SOT23-5]       | (523)  |
| ACE  | Technology    | ACE24AC32D   | [TSOT23-5]      | (523)  |
| ACE  | Technology    | ACE24AC32D   | [TSSOP8]        | (121)  |
| ACE  | Technology    | ACE24AC32D   | [USON8-2x3]     | (4538) |
| ACE  | Technology    | ACE24AC512   |                 |        |
| ACE  | Technology    | ACE24AC512   | (ISP)           | (138)  |
| ACE  | Technology    | ACE24AC512   | [MSOP8]         | (605)  |
| ACE  | Technology    | ACE24AC512   | [SOP8-150]      | (950)  |

|                |            |             |        |
|----------------|------------|-------------|--------|
| ACE Technology | ACE24AC512 | [TSSOP8]    | (121)  |
| ACE Technology | ACE24AC512 | [USON8-2x3] | (4538) |
| ACE Technology | ACE24AC64  |             |        |
| ACE Technology | ACE24AC64  | (ISP)       | (138)  |
| ACE Technology | ACE24AC64  | [MSOP8]     | (605)  |
| ACE Technology | ACE24AC64  | [SOP8-150]  | (950)  |
| ACE Technology | ACE24AC64  | [SOT23-5]   | (523)  |
| ACE Technology | ACE24AC64  | [TDFN8-2x3] | (2995) |
| ACE Technology | ACE24AC64  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C02   |             |        |
| ACE Technology | ACE24C02   | (ISP)       | (138)  |
| ACE Technology | ACE24C02   | [SOP8]      | (950)  |
| ACE Technology | ACE24C02   | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C02A  |             |        |
| ACE Technology | ACE24C02A  | (ISP)       | (138)  |
| ACE Technology | ACE24C02A  | [SOP8]      | (950)  |
| ACE Technology | ACE24C02A  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C02B  |             |        |
| ACE Technology | ACE24C02B  | (ISP)       | (138)  |
| ACE Technology | ACE24C02B  | [MSOP8]     | (605)  |
| ACE Technology | ACE24C02B  | [SOP8]      | (950)  |
| ACE Technology | ACE24C02B  | [TDFN8]     | (2995) |
| ACE Technology | ACE24C02B  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C02C  |             |        |
| ACE Technology | ACE24C02C  | (ISP)       | (138)  |
| ACE Technology | ACE24C02C  | [SOP8]      | (950)  |
| ACE Technology | ACE24C02C  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C04   |             |        |
| ACE Technology | ACE24C04   | (ISP)       | (138)  |
| ACE Technology | ACE24C04   | [SOP8]      | (950)  |
| ACE Technology | ACE24C04   | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C04A  |             |        |
| ACE Technology | ACE24C04A  | (ISP)       | (138)  |
| ACE Technology | ACE24C04A  | [SOP8]      | (950)  |
| ACE Technology | ACE24C04A  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C04B  |             |        |
| ACE Technology | ACE24C04B  | (ISP)       | (138)  |
| ACE Technology | ACE24C04B  | [MSOP8]     | (605)  |
| ACE Technology | ACE24C04B  | [SOP8]      | (950)  |
| ACE Technology | ACE24C04B  | [TDFN8]     | (2995) |
| ACE Technology | ACE24C04B  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C08A  |             |        |
| ACE Technology | ACE24C08A  | (ISP)       | (138)  |
| ACE Technology | ACE24C08A  | [SOP8]      | (950)  |
| ACE Technology | ACE24C08A  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C08B  |             |        |
| ACE Technology | ACE24C08B  | (ISP)       | (138)  |
| ACE Technology | ACE24C08B  | [MSOP8]     | (605)  |
| ACE Technology | ACE24C08B  | [SOP8]      | (950)  |
| ACE Technology | ACE24C08B  | [TDFN8]     | (2995) |
| ACE Technology | ACE24C08B  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C1024 |             |        |
| ACE Technology | ACE24C1024 | (ISP)       | (138)  |
| ACE Technology | ACE24C1024 | [SOP8]      | (950)  |
| ACE Technology | ACE24C1024 | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C128  |             |        |
| ACE Technology | ACE24C128  | (ISP)       | (138)  |
| ACE Technology | ACE24C128  | [SOP8]      | (950)  |
| ACE Technology | ACE24C128  | [TDFN8]     | (2995) |
| ACE Technology | ACE24C128  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C128B |             |        |
| ACE Technology | ACE24C128B | (ISP)       | (138)  |
| ACE Technology | ACE24C128B | [SOP8]      | (950)  |
| ACE Technology | ACE24C128B | [TDFN8]     | (2995) |
| ACE Technology | ACE24C128B | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C16   |             |        |
| ACE Technology | ACE24C16   | (ISP)       | (138)  |
| ACE Technology | ACE24C16   | [SOP8]      | (950)  |
| ACE Technology | ACE24C16   | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C16A  |             |        |
| ACE Technology | ACE24C16A  | (ISP)       | (138)  |
| ACE Technology | ACE24C16A  | [SOP8]      | (950)  |
| ACE Technology | ACE24C16A  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C16B  |             |        |
| ACE Technology | ACE24C16B  | (ISP)       | (138)  |
| ACE Technology | ACE24C16B  | [MSOP8]     | (605)  |
| ACE Technology | ACE24C16B  | [SOP8]      | (950)  |
| ACE Technology | ACE24C16B  | [TDFN8]     | (2995) |
| ACE Technology | ACE24C16B  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C256  |             |        |
| ACE Technology | ACE24C256  | (ISP)       | (138)  |
| ACE Technology | ACE24C256  | [SOP8]      | (950)  |
| ACE Technology | ACE24C256  | [TDFN8]     | (2995) |
| ACE Technology | ACE24C256  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C256B |             |        |
| ACE Technology | ACE24C256B | (ISP)       | (138)  |
| ACE Technology | ACE24C256B | [SOP8]      | (950)  |
| ACE Technology | ACE24C256B | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C256C |             |        |
| ACE Technology | ACE24C256C | (ISP)       | (138)  |
| ACE Technology | ACE24C256C | [MSOP8]     | (605)  |
| ACE Technology | ACE24C256C | [SOP8]      | (950)  |
| ACE Technology | ACE24C256C | [SOT23-5]   | (523)  |
| ACE Technology | ACE24C256C | [TDFN8-2x3] | (2995) |
| ACE Technology | ACE24C256C | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C256C | [USON8-2x3] | (2995) |
| ACE Technology | ACE24C32   |             |        |
| ACE Technology | ACE24C32   | (ISP)       | (138)  |
| ACE Technology | ACE24C32   | [SOP8]      | (950)  |
| ACE Technology | ACE24C32   | [TDFN8]     | (2995) |
| ACE Technology | ACE24C32   | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C32B  |             |        |
| ACE Technology | ACE24C32B  | (ISP)       | (138)  |
| ACE Technology | ACE24C32B  | [SOP8]      | (950)  |
| ACE Technology | ACE24C32B  | [TDFN8]     | (2995) |
| ACE Technology | ACE24C32B  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C32BD |             |        |
| ACE Technology | ACE24C32BD | (ISP)       | (138)  |
| ACE Technology | ACE24C32BD | [SOP8]      | (950)  |
| ACE Technology | ACE24C32BD | [TDFN8-2x3] | (2995) |
| ACE Technology | ACE24C32BD | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C512  |             |        |
| ACE Technology | ACE24C512  | (ISP)       | (138)  |
| ACE Technology | ACE24C512  | [SOP8]      | (950)  |
| ACE Technology | ACE24C512  | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C512B |             |        |
| ACE Technology | ACE24C512B | (ISP)       | (138)  |
| ACE Technology | ACE24C512B | [SOP8]      | (950)  |
| ACE Technology | ACE24C512B | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C512C |             |        |
| ACE Technology | ACE24C512C | (ISP)       | (138)  |
| ACE Technology | ACE24C512C | [SOP8]      | (950)  |
| ACE Technology | ACE24C512C | [TDFN8-2x3] | (2995) |
| ACE Technology | ACE24C512C | [TSSOP8]    | (121)  |
| ACE Technology | ACE24C512C | [USON8-2x3] | (2995) |
| ACE Technology | ACE24C512D |             |        |
| ACE Technology | ACE24C512D | (ISP)       | (138)  |
| ACE Technology | ACE24C512D | [SOP8]      | (950)  |

|                |                            |             |
|----------------|----------------------------|-------------|
| ACE Technology | ACE24C512D [TDFN8]         | (2995)      |
| ACE Technology | ACE24C512D [TSSOP8]        | (121)       |
| ACE Technology | ACE24C64                   |             |
| ACE Technology | ACE24C64 (ISP)             | (138)       |
| ACE Technology | ACE24C64 [SOP8]            | (950)       |
| ACE Technology | ACE24C64 [TDFN8]           | (2995)      |
| ACE Technology | ACE24C64 [TSSOP8]          | (121)       |
| ACE Technology | ACE24C64B                  |             |
| ACE Technology | ACE24C64B (ISP)            | (138)       |
| ACE Technology | ACE24C64B [SOP8]           | (950)       |
| ACE Technology | ACE24C64B [TDFN8]          | (2995)      |
| ACE Technology | ACE24C64B [TSSOP8]         | (121)       |
| ACE Technology | ACE24C64BD                 |             |
| ACE Technology | ACE24C64BD (ISP)           | (138)       |
| ACE Technology | ACE24C64BD [SOP8]          | (950)       |
| ACE Technology | ACE24C64BD [TDFN8-2x3]     | (2995)      |
| ACE Technology | ACE24C64BD [TSSOP8]        | (121)       |
| ACE Technology | ACE24CP02C (ISP)           | (138)       |
| ACE Technology | ACE24CP02C [USON8-2x3]     | (2995)      |
| ACE Technology | ACE24LA02A                 |             |
| ACE Technology | ACE24LA02A (ISP)           | (138)       |
| ACE Technology | ACE24LA02A [SOP8-150]      | (950)       |
| ACE Technology | ACE24LA02A [TSSOP8]        | (121)       |
| ACE Technology | ACE24LA02A [USON8-2x3]     | (4538)      |
| ACE Technology | ACE24LA04A                 |             |
| ACE Technology | ACE24LA04A (ISP)           | (138)       |
| ACE Technology | ACE24LA04A [SOP8-150]      | (950)       |
| ACE Technology | ACE24LA04A [TSSOP8]        | (121)       |
| ACE Technology | ACE24LA04A [USON8-2x3]     | (4538)      |
| ACE Technology | ACE24LA08A                 |             |
| ACE Technology | ACE24LA08A (ISP)           | (138)       |
| ACE Technology | ACE24LA08A [SOP8-150]      | (950)       |
| ACE Technology | ACE24LA08A [TSSOP8]        | (121)       |
| ACE Technology | ACE24LA08A [USON8-2x3]     | (4538)      |
| ACE Technology | ACE24LA1024A               |             |
| ACE Technology | ACE24LA1024A (ISP)         | (138)       |
| ACE Technology | ACE24LA1024A [SOP8]        | (950)       |
| ACE Technology | ACE24LA1024A [TSSOP8]      | (121)       |
| ACE Technology | ACE24LA1024A [UDFN8-2x3]   | (4538)      |
| ACE Technology | ACE24LA16A                 |             |
| ACE Technology | ACE24LA16A (ISP)           | (138)       |
| ACE Technology | ACE24LA16A [SOP8-150]      | (950)       |
| ACE Technology | ACE24LA16A [TSSOP8]        | (121)       |
| ACE Technology | ACE24LA16A [USON8-2x3]     | (4538)      |
| ACE Technology | ACE24LA256A                |             |
| ACE Technology | ACE24LA256A (ISP)          | (138)       |
| ACE Technology | ACE24LA256A [SOP8-150]     | (950)       |
| ACE Technology | ACE24LA256A [TSSOP8]       | (121)       |
| ACE Technology | ACE24LA256A [USON8-2x3]    | (4538)      |
| ACE Technology | ACE24LA512A                |             |
| ACE Technology | ACE24LA512A (ISP)          | (138)       |
| ACE Technology | ACE24LA512A [SOP8-150]     | (950)       |
| ACE Technology | ACE24LA512A [TSSOP8]       | (121)       |
| ACE Technology | ACE24LA512A [USON8-2x3]    | (4538)      |
| ACE Technology | ACE24LA64A                 |             |
| ACE Technology | ACE24LA64A (ISP)           | (138)       |
| ACE Technology | ACE24LA64A [SOP8-150]      | (950)       |
| ACE Technology | ACE24LA64A [TSSOP8]        | (121)       |
| ACE Technology | ACE24LA64A [USON8-2x3]     | (4538)      |
| ACE Technology | ACE24LC02                  |             |
| ACE Technology | ACE24LC02 (ISP)            | (138)       |
| ACE Technology | ACE24LC02 [SOP8]           | (950)       |
| ACE Technology | ACE24LC02 [SOT23-5]        | (523)       |
| ACE Technology | ACE24LC02 [TDFN8]          | (2995)      |
| ACE Technology | ACE24LC02 [TSSOP8]         | (121)       |
| ACE Technology | ACE24LC04                  |             |
| ACE Technology | ACE24LC04 (ISP)            | (138)       |
| ACE Technology | ACE24LC04 [SOP8]           | (950)       |
| ACE Technology | ACE24LC04 [SOT23-5]        | (523)       |
| ACE Technology | ACE24LC04 [TDFN8-2x3]      | (2995)      |
| ACE Technology | ACE24LC04 [TSSOP8]         | (121)       |
| ACE Technology | ACE24LC08                  |             |
| ACE Technology | ACE24LC08 (ISP)            | (138)       |
| ACE Technology | ACE24LC08 [SOP8]           | (950)       |
| ACE Technology | ACE24LC08 [SOT23-5]        | (523)       |
| ACE Technology | ACE24LC08 [TDFN8-2x3]      | (2995)      |
| ACE Technology | ACE24LC08 [TSSOP8]         | (121)       |
| ACE Technology | ACE24LC16                  |             |
| ACE Technology | ACE24LC16 (ISP)            | (138)       |
| ACE Technology | ACE24LC16 [SOP8]           | (950)       |
| ACE Technology | ACE24LC16 [SOT23-5]        | (523)       |
| ACE Technology | ACE24LC16 [TDFN8-2x3]      | (2995)      |
| ACE Technology | ACE24LC16 [TSSOP8]         | (121)       |
| ACE Technology | ACE25C512G (ISP)           | (138)       |
| ACE Technology | ACE25C512G [SOP8-150]      | (3095) (*1) |
| ACE Technology | ACE25Q100G (ISP)           | (138)       |
| ACE Technology | ACE25Q100G [SOP8-150]      | (3095) (*1) |
| ACE Technology | ACE25Q200G (ISP)           | (138)       |
| ACE Technology | ACE25Q200G [SOP8-150]      | (3095) (*1) |
| ACE Technology | ACE25Q400G (ISP)           | (138)       |
| ACE Technology | ACE25Q400G [SOP8-150]      | (3095) (*1) |
| ACE Technology | ACE25Q512G (ISP)           | (138)       |
| ACE Technology | ACE25Q512G [SOP8-150]      | (3095) (*1) |
| ACE Technology | ACE25Q800G (ISP)           | (138)       |
| ACE Technology | ACE25Q800G [SOP8-150]      | (3095) (*1) |
| ACE Technology | ACE34AC04 [SOP8]           | (950)       |
| ACE Technology | ACE34AC04 [TSSOP8]         | (121)       |
| ACE Technology | ACE34AC04 [USON8-2x3]      | (4538)      |
| ACE Technology | ACE93C46 (x16)             |             |
| ACE Technology | ACE93C46 (x16) (ISP)       | (138)       |
| ACE Technology | ACE93C46 (x16) [TSSOP8]    | (121)       |
| ACE Technology | ACE93C46 (x16) [SOIC8-150] | (950)       |
| ACE Technology | ACE93C46 (x8)              |             |
| ACE Technology | ACE93C46 (x8) (ISP)        | (138)       |
| ACE Technology | ACE93C46 (x8) [SOIC8-150]  | (950)       |
| ACE Technology | ACE93C46 (x8) [TSSOP8]     | (121)       |
| ACE Technology | ACE93C46A (x16)            |             |
| ACE Technology | ACE93C46A (x16) (ISP)      | (138)       |
| ACE Technology | ACE93C46A (x16) [TDFN8]    | (2995)      |
| ACE Technology | ACE93C46A (x16) [TSSOP8]   | (121)       |
| ACE Technology | ACE93C46A (x16) [SOP8]     | (950)       |
| ACE Technology | ACE93C46A (x8)             |             |
| ACE Technology | ACE93C46A (x8) (ISP)       | (138)       |
| ACE Technology | ACE93C46A (x8) [SOP8]      | (950)       |
| ACE Technology | ACE93C46A (x8) [TDFN8]     | (2995)      |
| ACE Technology | ACE93C46A (x8) [TSSOP8]    | (121)       |
| ACE Technology | ACE93C56 (x16)             |             |
| ACE Technology | ACE93C56 (x16) (ISP)       | (138)       |
| ACE Technology | ACE93C56 (x16) [TSSOP8]    | (121)       |
| ACE Technology | ACE93C56 (x16) [SOIC8-150] | (950)       |
| ACE Technology | ACE93C56 (x8)              |             |
| ACE Technology | ACE93C56 (x8) (ISP)        | (138)       |
| ACE Technology | ACE93C56 (x8) [SOIC8-150]  | (950)       |
| ACE Technology | ACE93C56 (x8) [TSSOP8]     | (121)       |
| ACE Technology | ACE93C56A (x16)            |             |
| ACE Technology | ACE93C56A (x16) (ISP)      | (138)       |
| ACE Technology | ACE93C56A (x16) [TDFN8]    | (2995)      |
| ACE Technology | ACE93C56A (x16) [TSSOP8]   | (121)       |

|                  |                            |        |
|------------------|----------------------------|--------|
| ACE Technology   | ACE93C56A (x16) [SOP8]     | (950)  |
| ACE Technology   | ACE93C56A (x8)             |        |
| ACE Technology   | ACE93C56A (x8) (ISP)       | (138)  |
| ACE Technology   | ACE93C56A (x8) [SOP8]      | (950)  |
| ACE Technology   | ACE93C56A (x8) [TDFN8]     | (2995) |
| ACE Technology   | ACE93C56A (x8) [TSSOP8]    | (121)  |
| ACE Technology   | ACE93C66 (x16)             |        |
| ACE Technology   | ACE93C66 (x16) (ISP)       | (138)  |
| ACE Technology   | ACE93C66 (x16) [TSSOP8]    | (121)  |
| ACE Technology   | ACE93C66 (x16) [SOIC8-150] | (950)  |
| ACE Technology   | ACE93C66 (x8)              |        |
| ACE Technology   | ACE93C66 (x8) (ISP)        | (138)  |
| ACE Technology   | ACE93C66 (x8) [SOIC8-150]  | (950)  |
| ACE Technology   | ACE93C66 (x8) [TSSOP8]     | (121)  |
| ACE Technology   | ACE93C66A (x16)            |        |
| ACE Technology   | ACE93C66A (x16) (ISP)      | (138)  |
| ACE Technology   | ACE93C66A (x16) [TDFN8]    | (2995) |
| ACE Technology   | ACE93C66A (x16) [TSSOP8]   | (121)  |
| ACE Technology   | ACE93C66A (x16) [SOP8]     | (950)  |
| ACE Technology   | ACE93C66A (x8)             |        |
| ACE Technology   | ACE93C66A (x8) (ISP)       | (138)  |
| ACE Technology   | ACE93C66A (x8) [SOP8]      | (950)  |
| ACE Technology   | ACE93C66A (x8) [TDFN8]     | (2995) |
| ACE Technology   | ACE93C66A (x8) [TSSOP8]    | (121)  |
| AcSiP Technology | S76S [LGA62]               | (4990) |
| Actel            | A2F060M3E [FBGA256] (STP)  | (2135) |
| Actel            | A2F200M3F [FBGA256] (STP)  | (2135) |
| Actel            | A2F200M3F [FBGA484] (STP)  | (3421) |
| Actel            | A2F200M3F [PQFP208] (STP)  | (2423) |
| Actel            | A2F500M3G [FBGA256] (STP)  | (2135) |
| Actel            | A2F500M3G [FBGA484] (STP)  | (3421) |
| Actel            | A2F500M3G [PQFP208] (STP)  | (2423) |
| Actel            | A3P015 (ISP-STP)           | (138)  |
| Actel            | A3P015 [QFN68] (STP)       | (1128) |
| Actel            | A3P030 (ISP-STP)           | (138)  |
| Actel            | A3P030 [QFN132] (STP)      | (1488) |
| Actel            | A3P030 [QFN48] (STP)       | (1478) |
| Actel            | A3P030 [QFN68] (STP)       | (1128) |
| Actel            | A3P030 [VQFP100] (STP)     | (1082) |
| Actel            | A3P060 (ISP-STP)           | (138)  |
| Actel            | A3P060 [CSP121] (STP)      | (1586) |
| Actel            | A3P060 [FBGA144] (STP)     | (1143) |
| Actel            | A3P060 [QFN132] (STP)      | (1489) |
| Actel            | A3P060 [TQFP144] (STP)     | (1084) |
| Actel            | A3P060 [VQFP100] (STP)     | (1082) |
| Actel            | A3P1000 (ISP-STP)          | (138)  |
| Actel            | A3P1000 [FBGA144] (STP)    | (1143) |
| Actel            | A3P1000 [FBGA256] (STP)    | (1252) |
| Actel            | A3P1000 [FBGA484] (STP)    | (1339) |
| Actel            | A3P1000 [PQFP208] (STP)    | (1083) |
| Actel            | A3P1000L (ISP-STP)         | (138)  |
| Actel            | A3P1000L [FBGA144] (STP)   | (1143) |
| Actel            | A3P1000L [FBGA256] (STP)   | (1252) |
| Actel            | A3P1000L [FBGA484] (STP)   | (1339) |
| Actel            | A3P1000L [PQFP208] (STP)   | (1083) |
| Actel            | A3P125 (ISP-STP)           | (138)  |
| Actel            | A3P125 [FBGA144] (STP)     | (1143) |
| Actel            | A3P125 [PQFP208] (STP)     | (1083) |
| Actel            | A3P125 [QFN132] (STP)      | (1489) |
| Actel            | A3P125 [TQFP144] (STP)     | (1084) |
| Actel            | A3P125 [VQFP100] (STP)     | (1082) |
| Actel            | A3P250 (ISP-STP)           | (138)  |
| Actel            | A3P250 [FBGA144] (STP)     | (1143) |
| Actel            | A3P250 [FBGA256] (STP)     | (1252) |
| Actel            | A3P250 [PQFP208] (STP)     | (1083) |
| Actel            | A3P250 [QFN132] (STP)      | (1489) |
| Actel            | A3P250 [VQFP100] (STP)     | (1082) |
| Actel            | A3P250L (ISP-STP)          | (138)  |
| Actel            | A3P250L [FBGA144] (STP)    | (1143) |
| Actel            | A3P250L [FBGA256] (STP)    | (1252) |
| Actel            | A3P250L [PQFP208] (STP)    | (1083) |
| Actel            | A3P250L [VQFP100] (STP)    | (1082) |
| Actel            | A3P400 (ISP-STP)           | (138)  |
| Actel            | A3P400 [FBGA144] (STP)     | (1143) |
| Actel            | A3P400 [FBGA256] (STP)     | (1252) |
| Actel            | A3P400 [FBGA484] (STP)     | (1339) |
| Actel            | A3P400 [PQFP208] (STP)     | (1083) |
| Actel            | A3P600 (ISP-STP)           | (138)  |
| Actel            | A3P600 [FBGA144] (STP)     | (1143) |
| Actel            | A3P600 [FBGA256] (STP)     | (1252) |
| Actel            | A3P600 [FBGA484] (STP)     | (1339) |
| Actel            | A3P600 [PQFP208] (STP)     | (1083) |
| Actel            | A3P600L (ISP-STP)          | (138)  |
| Actel            | A3P600L [FBGA144] (STP)    | (1143) |
| Actel            | A3P600L [FBGA256] (STP)    | (1252) |
| Actel            | A3P600L [FBGA484] (STP)    | (1339) |
| Actel            | A3P600L [PQFP208] (STP)    | (1083) |
| Actel            | A3PE1500 (ISP-STP)         | (138)  |
| Actel            | A3PE1500 [FBGA484] (STP)   | (1339) |
| Actel            | A3PE1500 [PQFP208] (STP)   | (1083) |
| Actel            | A3PE3000 (ISP-STP)         | (138)  |
| Actel            | A3PE3000 [FBGA324] (STP)   | (2339) |
| Actel            | A3PE3000 [FBGA484] (STP)   | (1339) |
| Actel            | A3PE3000 [PQFP208] (STP)   | (1083) |
| Actel            | A3PE3000L (ISP-STP)        | (138)  |
| Actel            | A3PE3000L [FBGA324] (STP)  | (2339) |
| Actel            | A3PE3000L [FBGA484] (STP)  | (1339) |
| Actel            | A3PE3000L [PQFP208] (STP)  | (1083) |
| Actel            | A3PE600 (ISP-STP)          | (138)  |
| Actel            | A3PE600 [FBGA256] (STP)    | (1252) |
| Actel            | A3PE600 [FBGA484] (STP)    | (1339) |
| Actel            | A3PE600 [PQFP208] (STP)    | (1083) |
| Actel            | A3PE600L (ISP-STP)         | (138)  |
| Actel            | A3PE600L [FBGA484] (STP)   | (1339) |
| Actel            | A3PN010 (ISP-STP)          | (138)  |
| Actel            | A3PN010 [QFN48] (STP)      | (1478) |
| Actel            | A3PN015 (ISP-STP)          | (138)  |
| Actel            | A3PN015 [QFN68] (STP)      | (1128) |
| Actel            | A3PN020 (ISP-STP)          | (138)  |
| Actel            | A3PN020 [QFN68] (STP)      | (1128) |
| Actel            | A3PN030-Z (ISP-STP)        | (138)  |
| Actel            | A3PN030-Z [QFN48] (STP)    | (1478) |
| Actel            | A3PN030-Z [QFN68] (STP)    | (1128) |
| Actel            | A3PN030-Z [VQFP100] (STP)  | (1082) |
| Actel            | A3PN060 (ISP-STP)          | (138)  |
| Actel            | A3PN060 [VQFP100] (STP)    | (1082) |
| Actel            | A3PN060-Z (ISP-STP)        | (138)  |
| Actel            | A3PN060-Z [VQFP100] (STP)  | (1082) |
| Actel            | A3PN125 (ISP-STP)          | (138)  |
| Actel            | A3PN125 [VQFP100] (STP)    | (1082) |
| Actel            | A3PN125-Z (ISP-STP)        | (138)  |
| Actel            | A3PN125-Z [VQFP100] (STP)  | (1082) |
| Actel            | A3PN250 (ISP-STP)          | (138)  |
| Actel            | A3PN250 [VQFP100] (STP)    | (1082) |
| Actel            | A3PN250-Z (ISP-STP)        | (138)  |
| Actel            | A3PN250-Z [VQFP100] (STP)  | (1082) |
| Actel            | AFS090 (ISP-STP)           | (138)  |
| Actel            | AFS090 [FBGA256] (STP)     | (1253) |



|       |                            |        |
|-------|----------------------------|--------|
| Acte1 | AFS090 [QFN108] (STP)      | (1490) |
| Acte1 | AFS090 [QFN180] (STP)      | (1491) |
| Acte1 | AFS1500 (ISP-STP)          | (138)  |
| Acte1 | AFS1500 [FBGA256] (STP)    | (1253) |
| Acte1 | AFS1500 [FBGA484] (STP)    | (1481) |
| Acte1 | AFS250 (ISP-STP)           | (138)  |
| Acte1 | AFS250 [FBGA256] (STP)     | (1253) |
| Acte1 | AFS250 [PQFP208] (STP)     | (1144) |
| Acte1 | AFS250 [QFN180] (STP)      | (1491) |
| Acte1 | AFS600 (ISP-STP)           | (138)  |
| Acte1 | AFS600 [FBGA256] (STP)     | (1253) |
| Acte1 | AFS600 [FBGA484] (STP)     | (1481) |
| Acte1 | AFS600 [PQFP208] (STP)     | (1145) |
| Acte1 | AGL015V2 (ISP-STP)         | (138)  |
| Acte1 | AGL015V2 [QFN68] (STP)     | (1128) |
| Acte1 | AGL015V5 (ISP-STP)         | (138)  |
| Acte1 | AGL015V5 [QFN68] (STP)     | (1128) |
| Acte1 | AGL030V2 (ISP-STP)         | (138)  |
| Acte1 | AGL030V2 [CSP81] (STP)     | (2310) |
| Acte1 | AGL030V2 [QFN132] (STP)    | (1488) |
| Acte1 | AGL030V2 [QFN48] (STP)     | (1478) |
| Acte1 | AGL030V2 [QFN68] (STP)     | (1128) |
| Acte1 | AGL030V2 [uCSP81] (STP)    | (2311) |
| Acte1 | AGL030V2 [VQFP100] (STP)   | (1082) |
| Acte1 | AGL030V5 (ISP-STP)         | (138)  |
| Acte1 | AGL030V5 [CSP81] (STP)     | (2310) |
| Acte1 | AGL030V5 [QFN132] (STP)    | (1488) |
| Acte1 | AGL030V5 [QFN48] (STP)     | (1478) |
| Acte1 | AGL030V5 [QFN68] (STP)     | (1128) |
| Acte1 | AGL030V5 [uCSP81] (STP)    | (2311) |
| Acte1 | AGL030V5 [VQFP100] (STP)   | (1082) |
| Acte1 | AGL060V2 (ISP-STP)         | (138)  |
| Acte1 | AGL060V2 [CSP121] (STP)    | (1586) |
| Acte1 | AGL060V2 [FBGA144] (STP)   | (1143) |
| Acte1 | AGL060V2 [QFN132] (STP)    | (1489) |
| Acte1 | AGL060V2 [VQFP100] (STP)   | (1082) |
| Acte1 | AGL060V5 (ISP-STP)         | (138)  |
| Acte1 | AGL060V5 [CSP121] (STP)    | (1586) |
| Acte1 | AGL060V5 [FBGA144] (STP)   | (1143) |
| Acte1 | AGL060V5 [QFN132] (STP)    | (1489) |
| Acte1 | AGL060V5 [VQFP100] (STP)   | (1082) |
| Acte1 | AGL1000V2 (ISP-STP)        | (138)  |
| Acte1 | AGL1000V2 [CSP281] (STP)   | (2757) |
| Acte1 | AGL1000V2 [FBGA144] (STP)  | (1143) |
| Acte1 | AGL1000V2 [FBGA256] (STP)  | (1252) |
| Acte1 | AGL1000V2 [FBGA484] (STP)  | (1339) |
| Acte1 | AGL1000V5 (ISP-STP)        | (138)  |
| Acte1 | AGL1000V5 [CSP281] (STP)   | (2757) |
| Acte1 | AGL1000V5 [FBGA144] (STP)  | (1143) |
| Acte1 | AGL1000V5 [FBGA256] (STP)  | (1252) |
| Acte1 | AGL1000V5 [FBGA484] (STP)  | (1339) |
| Acte1 | AGL125V2 (ISP-STP)         | (138)  |
| Acte1 | AGL125V2 [CSP121] (STP)    | (1586) |
| Acte1 | AGL125V2 [CSP196] (STP)    | (1585) |
| Acte1 | AGL125V2 [FBGA144] (STP)   | (1143) |
| Acte1 | AGL125V2 [QFN132] (STP)    | (1489) |
| Acte1 | AGL125V2 [VQFP100] (STP)   | (1082) |
| Acte1 | AGL125V5 (ISP-STP)         | (138)  |
| Acte1 | AGL125V5 [CSP121] (STP)    | (1586) |
| Acte1 | AGL125V5 [CSP196] (STP)    | (1585) |
| Acte1 | AGL125V5 [FBGA144] (STP)   | (1143) |
| Acte1 | AGL125V5 [QFN132] (STP)    | (1489) |
| Acte1 | AGL125V5 [VQFP100] (STP)   | (1082) |
| Acte1 | AGL250V2 (ISP-STP)         | (138)  |
| Acte1 | AGL250V2 [CSP196] (STP)    | (1585) |
| Acte1 | AGL250V2 [CSP81] (STP)     | (2310) |
| Acte1 | AGL250V2 [FBGA144] (STP)   | (1143) |
| Acte1 | AGL250V2 [QFN132] (STP)    | (1489) |
| Acte1 | AGL250V2 [VQFP100] (STP)   | (1082) |
| Acte1 | AGL250V5 (ISP-STP)         | (138)  |
| Acte1 | AGL250V5 [CSP196] (STP)    | (1585) |
| Acte1 | AGL250V5 [CSP81] (STP)     | (2310) |
| Acte1 | AGL250V5 [FBGA144] (STP)   | (1143) |
| Acte1 | AGL250V5 [QFN132] (STP)    | (1489) |
| Acte1 | AGL250V5 [VQFP100] (STP)   | (1082) |
| Acte1 | AGL400V2 (ISP-STP)         | (138)  |
| Acte1 | AGL400V2 [CSP196] (STP)    | (1585) |
| Acte1 | AGL400V2 [FBGA144] (STP)   | (1143) |
| Acte1 | AGL400V2 [FBGA256] (STP)   | (1252) |
| Acte1 | AGL400V2 [FBGA484] (STP)   | (1339) |
| Acte1 | AGL400V5 (ISP-STP)         | (138)  |
| Acte1 | AGL400V5 [CSP196] (STP)    | (1585) |
| Acte1 | AGL400V5 [FBGA144] (STP)   | (1143) |
| Acte1 | AGL400V5 [FBGA256] (STP)   | (1252) |
| Acte1 | AGL400V5 [FBGA484] (STP)   | (1339) |
| Acte1 | AGL600V2 (ISP-STP)         | (138)  |
| Acte1 | AGL600V2 [CSP281] (STP)    | (2757) |
| Acte1 | AGL600V2 [FBGA144] (STP)   | (1143) |
| Acte1 | AGL600V2 [FBGA256] (STP)   | (1252) |
| Acte1 | AGL600V2 [FBGA484] (STP)   | (1339) |
| Acte1 | AGL600V5 (ISP-STP)         | (138)  |
| Acte1 | AGL600V5 [CSP281] (STP)    | (2757) |
| Acte1 | AGL600V5 [FBGA144] (STP)   | (1143) |
| Acte1 | AGL600V5 [FBGA256] (STP)   | (1252) |
| Acte1 | AGL600V5 [FBGA484] (STP)   | (1339) |
| Acte1 | AGLE3000V2 (ISP-STP)       | (138)  |
| Acte1 | AGLE3000V2 [FBGA484] (STP) | (1339) |
| Acte1 | AGLE3000V5 (ISP-STP)       | (138)  |
| Acte1 | AGLE3000V5 [FBGA484] (STP) | (1339) |
| Acte1 | AGLE600V2 (ISP-STP)        | (138)  |
| Acte1 | AGLE600V2 [FBGA256] (STP)  | (1252) |
| Acte1 | AGLE600V2 [FBGA484] (STP)  | (1339) |
| Acte1 | AGLE600V5 (ISP-STP)        | (138)  |
| Acte1 | AGLE600V5 [FBGA256] (STP)  | (1252) |
| Acte1 | AGLE600V5 [FBGA484] (STP)  | (1339) |
| Acte1 | AGLN010V2 (ISP-STP)        | (138)  |
| Acte1 | AGLN010V2 [QFN48] (STP)    | (1478) |
| Acte1 | AGLN010V2 [uCSP36] (STP)   | (2364) |
| Acte1 | AGLN010V5 (ISP-STP)        | (138)  |
| Acte1 | AGLN010V5 [QFN48] (STP)    | (1478) |
| Acte1 | AGLN010V5 [uCSP36] (STP)   | (2364) |
| Acte1 | AGLN015V2 (ISP-STP)        | (138)  |
| Acte1 | AGLN015V2 [QFN68] (STP)    | (1128) |
| Acte1 | AGLN015V5 (ISP-STP)        | (138)  |
| Acte1 | AGLN015V5 [QFN68] (STP)    | (1128) |
| Acte1 | AGLN020V2 (ISP-STP)        | (138)  |
| Acte1 | AGLN020V2 [CSP81] (STP)    | (2310) |
| Acte1 | AGLN020V2 [QFN68] (STP)    | (1128) |
| Acte1 | AGLN020V2 [uCSP81] (STP)   | (2311) |
| Acte1 | AGLN020V5 (ISP-STP)        | (138)  |
| Acte1 | AGLN020V5 [CSP81] (STP)    | (2310) |
| Acte1 | AGLN020V5 [QFN68] (STP)    | (1128) |
| Acte1 | AGLN020V5 [uCSP81] (STP)   | (2311) |
| Acte1 | AGLN030V2-Z (ISP-STP)      | (138)  |
| Acte1 | AGLN030V2-Z [CSP81] (STP)  | (2310) |
| Acte1 | AGLN030V2-Z [QFN48] (STP)  | (1478) |
| Acte1 | AGLN030V2-Z [QFN68] (STP)  | (1128) |
| Acte1 | AGLN030V2-Z [uCSP81] (STP) | (2311) |

|       |             |                 |        |
|-------|-------------|-----------------|--------|
| Actel | AGLN030V2-Z | [VQFP100] (STP) | (1082) |
| Actel | AGLN030V5-Z | (ISP-STP)       | (138)  |
| Actel | AGLN030V5-Z | [CSP81] (STP)   | (2310) |
| Actel | AGLN030V5-Z | [QFN48] (STP)   | (1478) |
| Actel | AGLN030V5-Z | [QFN68] (STP)   | (1128) |
| Actel | AGLN030V5-Z | [uCSP81] (STP)  | (2311) |
| Actel | AGLN030V5-Z | [VQFP100] (STP) | (1082) |
| Actel | AGLN060V2   | (ISP-STP)       | (138)  |
| Actel | AGLN060V2   | [CSP81] (STP)   | (2310) |
| Actel | AGLN060V2   | [VQFP100] (STP) | (1082) |
| Actel | AGLN060V2-Z | (ISP-STP)       | (138)  |
| Actel | AGLN060V2-Z | [CSP81] (STP)   | (2310) |
| Actel | AGLN060V2-Z | [VQFP100] (STP) | (1082) |
| Actel | AGLN060V5   | (ISP-STP)       | (138)  |
| Actel | AGLN060V5   | [CSP81] (STP)   | (2310) |
| Actel | AGLN060V5   | [VQFP100] (STP) | (1082) |
| Actel | AGLN060V5-Z | (ISP-STP)       | (138)  |
| Actel | AGLN060V5-Z | [CSP81] (STP)   | (2310) |
| Actel | AGLN060V5-Z | [VQFP100] (STP) | (1082) |
| Actel | AGLN125V2   | (ISP-STP)       | (138)  |
| Actel | AGLN125V2   | [CSP81] (STP)   | (2310) |
| Actel | AGLN125V2   | [VQFP100] (STP) | (1082) |
| Actel | AGLN125V2-Z | (ISP-STP)       | (138)  |
| Actel | AGLN125V2-Z | [CSP81] (STP)   | (2310) |
| Actel | AGLN125V2-Z | [VQFP100] (STP) | (1082) |
| Actel | AGLN125V5   | (ISP-STP)       | (138)  |
| Actel | AGLN125V5   | [CSP81] (STP)   | (2310) |
| Actel | AGLN125V5   | [VQFP100] (STP) | (1082) |
| Actel | AGLN125V5-Z | (ISP-STP)       | (138)  |
| Actel | AGLN125V5-Z | [CSP81] (STP)   | (2310) |
| Actel | AGLN125V5-Z | [VQFP100] (STP) | (1082) |
| Actel | AGLN250V2   | (ISP-STP)       | (138)  |
| Actel | AGLN250V2   | [CSP81] (STP)   | (2310) |
| Actel | AGLN250V2   | [VQFP100] (STP) | (1082) |
| Actel | AGLN250V2-Z | (ISP-STP)       | (138)  |
| Actel | AGLN250V2-Z | [CSP81] (STP)   | (2310) |
| Actel | AGLN250V2-Z | [VQFP100] (STP) | (1082) |
| Actel | AGLN250V5   | (ISP-STP)       | (138)  |
| Actel | AGLN250V5   | [CSP81] (STP)   | (2310) |
| Actel | AGLN250V5   | [VQFP100] (STP) | (1082) |
| Actel | AGLN250V5-Z | (ISP-STP)       | (138)  |
| Actel | AGLN250V5-Z | [CSP81] (STP)   | (2310) |
| Actel | AGLN250V5-Z | [VQFP100] (STP) | (1082) |
| Actel | AGLP030V2   | [CSP201] (STP)  | (1587) |
| Actel | AGLP030V2   | [VQFP128] (STP) | (1487) |
| Actel | AGLP030V5   | [CSP201] (STP)  | (1587) |
| Actel | AGLP030V5   | [VQFP128] (STP) | (1487) |
| Actel | AGLP060V2   | [CSP201] (STP)  | (1587) |
| Actel | AGLP060V2   | [VQFP176] (STP) | (1486) |
| Actel | AGLP060V5   | [CSP201] (STP)  | (1587) |
| Actel | AGLP060V5   | [VQFP176] (STP) | (1486) |
| Actel | AGLP125V2   | [CSP281] (STP)  | (2757) |
| Actel | AGLP125V5   | [CSP281] (STP)  | (2757) |
| Actel | APA075      | [FBGA144] (STP) | (2397) |
| Actel | APA075      | [PQFP208] (STP) | (1506) |
| Actel | APA075      | [TQFP100] (STP) | (1504) |
| Actel | APA075      | [TQFP144] (STP) | (1505) |
| Actel | APA1000     | [PQFP208] (STP) | (1506) |
| Actel | APA150      | [FBGA144] (STP) | (2397) |
| Actel | APA150      | [FBGA256] (STP) | (2609) |
| Actel | APA150      | [PQFP208] (STP) | (1506) |
| Actel | APA150      | [TQFP100] (STP) | (1504) |
| Actel | APA300      | [FBGA144] (STP) | (2397) |
| Actel | APA300      | [FBGA256] (STP) | (2609) |
| Actel | APA300      | [PQFP208] (STP) | (1506) |
| Actel | APA450      | [FBGA144] (STP) | (2397) |
| Actel | APA450      | [FBGA256] (STP) | (2609) |
| Actel | APA450      | [PQFP208] (STP) | (1506) |
| Actel | APA600      | [FBGA256] (STP) | (2609) |
| Actel | APA600      | [PQFP208] (STP) | (1506) |
| Actel | APA750      | [PQFP208] (STP) | (1506) |
| Actel | JTAG chain  | (ISP-STP)       | (138)  |
| Actel | MIA3P1000   | (ISP-STP)       | (138)  |
| Actel | MIA3P1000   | [FBGA144] (STP) | (1143) |
| Actel | MIA3P1000   | [FBGA256] (STP) | (1252) |
| Actel | MIA3P1000   | [FBGA484] (STP) | (1339) |
| Actel | MIA3P1000   | [PQFP208] (STP) | (1083) |
| Actel | MIA3P1000L  | (ISP-STP)       | (138)  |
| Actel | MIA3P1000L  | [FBGA144] (STP) | (1143) |
| Actel | MIA3P1000L  | [FBGA256] (STP) | (1252) |
| Actel | MIA3P1000L  | [FBGA484] (STP) | (1339) |
| Actel | MIA3P1000L  | [PQFP208] (STP) | (1083) |
| Actel | MIA3P250    | (ISP-STP)       | (138)  |
| Actel | MIA3P250    | [FBGA144] (STP) | (1143) |
| Actel | MIA3P250    | [PQFP208] (STP) | (1083) |
| Actel | MIA3P250    | [VQFP100] (STP) | (1082) |
| Actel | MIA3P250L   | (ISP-STP)       | (138)  |
| Actel | MIA3P250L   | [FBGA256] (STP) | (1252) |
| Actel | MIA3P250L   | [PQFP208] (STP) | (1083) |
| Actel | MIA3P250L   | [VQFP100] (STP) | (1082) |
| Actel | MIA3P400    | (ISP-STP)       | (138)  |
| Actel | MIA3P400    | [FBGA144] (STP) | (1143) |
| Actel | MIA3P400    | [FBGA256] (STP) | (1252) |
| Actel | MIA3P400    | [FBGA484] (STP) | (1339) |
| Actel | MIA3P400    | [PQFP208] (STP) | (1083) |
| Actel | MIA3P600    | (ISP-STP)       | (138)  |
| Actel | MIA3P600    | [FBGA144] (STP) | (1143) |
| Actel | MIA3P600    | [FBGA256] (STP) | (1252) |
| Actel | MIA3P600    | [FBGA484] (STP) | (1339) |
| Actel | MIA3P600    | [PQFP208] (STP) | (1083) |
| Actel | MIA3P600L   | (ISP-STP)       | (138)  |
| Actel | MIA3P600L   | [FBGA144] (STP) | (1143) |
| Actel | MIA3P600L   | [FBGA256] (STP) | (1252) |
| Actel | MIA3P600L   | [FBGA484] (STP) | (1339) |
| Actel | MIA3P600L   | [PQFP208] (STP) | (1083) |
| Actel | MIA3PE1500  | (ISP-STP)       | (138)  |
| Actel | MIA3PE1500  | [FBGA484] (STP) | (1339) |
| Actel | MIA3PE1500  | [PQFP208] (STP) | (1083) |
| Actel | MIA3PE3000  | (ISP-STP)       | (138)  |
| Actel | MIA3PE3000  | [FBGA324] (STP) | (2339) |
| Actel | MIA3PE3000  | [FBGA484] (STP) | (1339) |
| Actel | MIA3PE3000  | [PQFP208] (STP) | (1083) |
| Actel | MIA3PE3000L | (ISP-STP)       | (138)  |
| Actel | MIA3PE3000L | [FBGA324] (STP) | (2339) |
| Actel | MIA3PE3000L | [FBGA484] (STP) | (1339) |
| Actel | MIA3PE3000L | [PQFP208] (STP) | (1083) |
| Actel | MIA3PE600   | [FBGA484] (STP) | (1339) |
| Actel | MIA3PE600   | [PQFP208] (STP) | (1083) |
| Actel | MIAFS1500   | (ISP-STP)       | (138)  |
| Actel | MIAFS1500   | [FBGA256] (STP) | (1253) |
| Actel | MIAFS1500   | [FBGA484] (STP) | (1481) |
| Actel | MIAFS250    | (ISP-STP)       | (138)  |
| Actel | MIAFS250    | [FBGA256] (STP) | (1253) |
| Actel | MIAFS250    | [PQFP208] (STP) | (1144) |
| Actel | MIAFS250    | [QFN180] (STP)  | (1491) |
| Actel | MIAFS600    | (ISP-STP)       | (138)  |
| Actel | MIAFS600    | [FBGA256] (STP) | (1253) |
| Actel | MIAFS600    | [FBGA484] (STP) | (1481) |

|                    |                                   |              |
|--------------------|-----------------------------------|--------------|
| Actel              | M1AFS600 [PQFP208] (STP)          | (1145)       |
| Actel              | M1AGL1000V2 (ISP-STP)             | (138)        |
| Actel              | M1AGL1000V2 [CSP281] (STP)        | (2757)       |
| Actel              | M1AGL1000V2 [FBGA144] (STP)       | (1143)       |
| Actel              | M1AGL1000V2 [FBGA256] (STP)       | (1252)       |
| Actel              | M1AGL1000V2 [FBGA484] (STP)       | (1339)       |
| Actel              | M1AGL1000V5 (ISP-STP)             | (138)        |
| Actel              | M1AGL1000V5 [CSP281] (STP)        | (2757)       |
| Actel              | M1AGL1000V5 [FBGA144] (STP)       | (1143)       |
| Actel              | M1AGL1000V5 [FBGA256] (STP)       | (1252)       |
| Actel              | M1AGL1000V5 [FBGA484] (STP)       | (1339)       |
| Actel              | M1AGL250V2 (ISP-STP)              | (138)        |
| Actel              | M1AGL250V2 [FBGA144] (STP)        | (1143)       |
| Actel              | M1AGL250V2 [VQFP100] (STP)        | (1082)       |
| Actel              | M1AGL250V5 (ISP-STP)              | (138)        |
| Actel              | M1AGL250V5 [FBGA144] (STP)        | (1143)       |
| Actel              | M1AGL250V5 [VQFP100] (STP)        | (1082)       |
| Actel              | M1AGL400V2 (ISP-STP)              | (138)        |
| Actel              | M1AGL400V2 [FBGA256] (STP)        | (1252)       |
| Actel              | M1AGL400V5 (ISP-STP)              | (138)        |
| Actel              | M1AGL400V5 [FBGA256] (STP)        | (1252)       |
| Actel              | M1AGL600V2 (ISP-STP)              | (138)        |
| Actel              | M1AGL600V2 [CSP281] (STP)         | (2757)       |
| Actel              | M1AGL600V2 [FBGA144] (STP)        | (1143)       |
| Actel              | M1AGL600V2 [FBGA256] (STP)        | (1252)       |
| Actel              | M1AGL600V2 [FBGA484] (STP)        | (1339)       |
| Actel              | M1AGL600V5 (ISP-STP)              | (138)        |
| Actel              | M1AGL600V5 [CSP281] (STP)         | (2757)       |
| Actel              | M1AGL600V5 [FBGA144] (STP)        | (1143)       |
| Actel              | M1AGL600V5 [FBGA256] (STP)        | (1252)       |
| Actel              | M1AGL600V5 [FBGA484] (STP)        | (1339)       |
| Actel              | M1AGLE3000V2 (ISP-STP)            | (138)        |
| Actel              | M1AGLE3000V2 [FBGA484] (STP)      | (1339)       |
| Actel              | M1AGLE3000V5 (ISP-STP)            | (138)        |
| Actel              | M1AGLE3000V5 [FBGA484] (STP)      | (1339)       |
| Actel              | M7A3P1000 (ISP-STP)               | (138)        |
| Actel              | M7A3P1000 [FBGA144] (STP)         | (1143)       |
| Actel              | M7A3P1000 [FBGA256] (STP)         | (1252)       |
| Actel              | M7A3P1000 [FBGA484] (STP)         | (1339)       |
| Actel              | M7A3P1000 [PQFP208] (STP)         | (1083)       |
| Actel              | M7A3P250 (ISP-STP)                | (138)        |
| Actel              | M7A3P250 [FBGA144] (STP)          | (1143)       |
| Actel              | M7A3P250 [PQFP208] (STP)          | (1083)       |
| Actel              | M7A3P250 [VQFP100] (STP)          | (1082)       |
| Actel              | M7A3P400 (ISP-STP)                | (138)        |
| Actel              | M7A3P400 [FBGA144] (STP)          | (1143)       |
| Actel              | M7A3P400 [FBGA256] (STP)          | (1252)       |
| Actel              | M7A3P400 [FBGA484] (STP)          | (1339)       |
| Actel              | M7A3P400 [PQFP208] (STP)          | (1083)       |
| Actel              | M7A3P600 (ISP-STP)                | (138)        |
| Actel              | M7A3P600 [FBGA144] (STP)          | (1143)       |
| Actel              | M7A3P600 [FBGA256] (STP)          | (1252)       |
| Actel              | M7A3P600 [FBGA484] (STP)          | (1339)       |
| Actel              | M7A3P600 [PQFP208] (STP)          | (1083)       |
| Actel              | M7A3PE1500 (ISP-STP)              | (138)        |
| Actel              | M7A3PE1500 [FBGA484] (STP)        | (1339)       |
| Actel              | M7A3PE1500 [PQFP208] (STP)        | (1083)       |
| Actel              | M7A3PE3000 (ISP-STP)              | (138)        |
| Actel              | M7A3PE3000 [FBGA484] (STP)        | (1339)       |
| Actel              | M7A3PE3000 [PQFP208] (STP)        | (1083)       |
| Actel              | M7A3PE600 (ISP-STP)               | (138)        |
| Actel              | M7A3PE600 [FBGA256] (STP)         | (1252)       |
| Actel              | M7A3PE600 [FBGA484] (STP)         | (1339)       |
| Actel              | M7A3PE600 [PQFP208] (STP)         | (1083)       |
| Actel              | M7AFS600 (ISP-STP)                | (138)        |
| Actel              | M7AFS600 [FBGA256] (STP)          | (1253)       |
| Actel              | M7AFS600 [FBGA484] (STP)          | (1481)       |
| Actel              | M7AFS600 [PQFP208] (STP)          | (1145)       |
| Actel              | PLAFS1500 (ISP-STP)               | (138)        |
| Actel              | PLAFS1500 [FBGA256] (STP)         | (1253)       |
| Actel              | PLAFS1500 [FBGA484] (STP)         | (1481)       |
| Actel              | PLAFS600 (ISP-STP)                | (138)        |
| Actel              | PLAFS600 [FBGA256] (STP)          | (1253)       |
| Actel              | PLAFS600 [FBGA484] (STP)          | (1481)       |
| Actel              | U1AFS1500 (ISP-STP)               | (138)        |
| Actel              | U1AFS1500 [FBGA256] (STP)         | (1253)       |
| Actel              | U1AFS250 (ISP-STP)                | (138)        |
| Actel              | U1AFS250 [FBGA256] (STP)          | (1253)       |
| Actel              | U1AFS600 (ISP-STP)                | (138)        |
| Actel              | U1AFS600 [FBGA256] (STP)          | (1253)       |
| Actrans System Inc | AC25LV010 (ISP)                   | (138)        |
| Actrans System Inc | AC25LV010 [SOIC8]                 | (3095) (*1)  |
| Actrans System Inc | AC25LV512 (ISP)                   | (138)        |
| Actrans System Inc | AC25LV512 [SOIC8]                 | (3095) (*1)  |
| Actrans System Inc | AC29LV400B [PSOP44]               | (1356)       |
| Actrans System Inc | AC29LV400B [R-TSOP48]             | (1352)       |
| Actrans System Inc | AC29LV400B [TSOP48]               | (1346)       |
| Actrans System Inc | AC29LV400T [PSOP44]               | (1356)       |
| Actrans System Inc | AC29LV400T [R-TSOP48]             | (1352)       |
| Actrans System Inc | AC29LV400T [TSOP48]               | (1346)       |
| Actrans System Inc | AC39LV010 [PLCC32]                | (1399)       |
| Actrans System Inc | AC39LV010 [TSOP32]                | (1412)       |
| Actrans System Inc | AC39LV020 [PLCC32]                | (1399)       |
| Actrans System Inc | AC39LV020 [TSOP32]                | (1412)       |
| Actrans System Inc | AC39LV040                         |              |
| Actrans System Inc | AC39LV040 [PLCC32]                | (1384)       |
| Actrans System Inc | AC39LV040 [TSOP32]                | (1377)       |
| Actrans System Inc | AC39LV080 [TSOP40]                | (1368)       |
| Actrans System Inc | AC39LV088 [TSOP48]                | (1346)       |
| Actrans System Inc | AC39LV800 [TSOP48]                | (1346)       |
| Actrans System Inc | AC39VF080 [TSOP40]                | (1368)       |
| Actrans System Inc | AC39VF088 [TSOP48]                | (1346)       |
| Actrans System Inc | AC39VF800 [TSOP48]                | (1346)       |
| Adesto Techn.      | AT25BCM512B (ISP)                 | (138)        |
| Adesto Techn.      | AT25BCM512B [UDFN8]               | (3934) (*1)  |
| Adesto Techn.      | AT25DF011 (ISP)                   | (138)        |
| Adesto Techn.      | AT25DF011 [SOIC8]                 | (3095) (*1)  |
| Adesto Techn.      | AT25DF011 [SOIC8] (Dual I/O)      | (3094) (*1)  |
| Adesto Techn.      | AT25DF011 [TSSOP8]                | (1388)       |
| Adesto Techn.      | AT25DF011 [UDFN8]                 | (3934) (*1)  |
| Adesto Techn.      | AT25DF011 [UDFN8] (Dual I/O)      | (3934) (*1)  |
| Adesto Techn.      | AT25DF021 (ISP)                   | (138)        |
| Adesto Techn.      | AT25DF021 [SOIC8]                 | (3095) (*1)  |
| Adesto Techn.      | AT25DF021 [UDFN8]                 | (3097) (*1)  |
| Adesto Techn.      | AT25DF021A (ISP)                  | (138)        |
| Adesto Techn.      | AT25DF021A [SOIC8-150]            | (3095) (*1)  |
| Adesto Techn.      | AT25DF021A [SOIC8-150] (Dual I/O) | (3095) (*1)  |
| Adesto Techn.      | AT25DF021A [TSSOP8]               | (1388)       |
| Adesto Techn.      | AT25DF021A [TSSOP8] (Dual I/O)    | (1388)       |
| Adesto Techn.      | AT25DF021A [UDFN8 2x3]            | (3934) (*1)  |
| Adesto Techn.      | AT25DF021A [UDFN8 2x3] (Dual I/O) | (3934) (*1)  |
| Adesto Techn.      | AT25DF021A [UDFN8 5x6]            | (3097) (*1)  |
| Adesto Techn.      | AT25DF021A [UDFN8 5x6] (Dual I/O) | (3097) (*1)  |
| Adesto Techn.      | AT25DF041A (ISP)                  | (138)        |
| Adesto Techn.      | AT25DF041A [SOIC8-150]            | (3095) (*1)  |
| Adesto Techn.      | AT25DF041A [SOIC8-200]            | (3088) (*1)  |
| Adesto Techn.      | AT25DF041A [UDFN8]                | (3097) (*1)  |
| Adesto Techn.      | AT25DF041B (ISP)                  | (138) (9997) |

|               |            |                        |              |
|---------------|------------|------------------------|--------------|
| Adesto Techn. | AT25DF041B | [SOIC8-150]            | (3094) (*1)  |
| Adesto Techn. | AT25DF041B | [SOIC8-150] (Dual I/O) | (3094) (*1)  |
| Adesto Techn. | AT25DF041B | [TSSOP8]               | (1388)       |
| Adesto Techn. | AT25DF041B | [TSSOP8] (Dual I/O)    | (1388)       |
| Adesto Techn. | AT25DF041B | [UDFN8 2x3]            | (3934) (*1)  |
| Adesto Techn. | AT25DF041B | [UDFN8 2x3] (Dual I/O) | (3934) (*1)  |
| Adesto Techn. | AT25DF041B | [UDFN8 5x6]            | (4117) (*1)  |
| Adesto Techn. | AT25DF041B | [UDFN8 5x6] (Dual I/O) | (4117) (*1)  |
| Adesto Techn. | AT25DF081  | (ISP)                  | (138)        |
| Adesto Techn. | AT25DF081  | [SOIC8]                | (3095) (*1)  |
| Adesto Techn. | AT25DF081  | [UDFN8]                | (3097) (*1)  |
| Adesto Techn. | AT25DF081A | (ISP)                  | (138)        |
| Adesto Techn. | AT25DF081A | [SOIC8-150]            | (3095) (*1)  |
| Adesto Techn. | AT25DF081A | [SOIC8-150] (Dual I/O) | (3095) (*1)  |
| Adesto Techn. | AT25DF081A | [SOIC8-200]            | (3088) (*1)  |
| Adesto Techn. | AT25DF081A | [SOIC8-200] (Dual I/O) | (3088) (*1)  |
| Adesto Techn. | AT25DF081A | [UDFN8]                | (3097) (*1)  |
| Adesto Techn. | AT25DF081A | [UDFN8] (Dual I/O)     | (3097) (*1)  |
| Adesto Techn. | AT25DF161  | (ISP)                  | (138)        |
| Adesto Techn. | AT25DF161  | [SOIC8-150]            | (3095) (*1)  |
| Adesto Techn. | AT25DF161  | [SOIC8-200]            | (3088) (*1)  |
| Adesto Techn. | AT25DF161  | [UDFN8]                | (3097) (*1)  |
| Adesto Techn. | AT25DF256  | (ISP)                  | (138)        |
| Adesto Techn. | AT25DF256  | [SOIC8]                | (3095) (*1)  |
| Adesto Techn. | AT25DF256  | [SOIC8] (Dual I/O)     | (3094) (*1)  |
| Adesto Techn. | AT25DF256  | [TSSOP8]               | (1388)       |
| Adesto Techn. | AT25DF256  | [UDFN8]                | (3934) (*1)  |
| Adesto Techn. | AT25DF256  | [UDFN8] (Dual I/O)     | (3934) (*1)  |
| Adesto Techn. | AT25DF321A | (ISP)                  | (138)        |
| Adesto Techn. | AT25DF321A | [SOIC16]               | (3101) (*1)  |
| Adesto Techn. | AT25DF321A | [SOIC8]                | (3088) (*1)  |
| Adesto Techn. | AT25DF321A | [UDFN8]                | (3097) (*1)  |
| Adesto Techn. | AT25DF512C | (ISP)                  | (138)        |
| Adesto Techn. | AT25DF512C | [SOIC8]                | (3095) (*1)  |
| Adesto Techn. | AT25DF512C | [SOIC8] (Dual I/O)     | (3094) (*1)  |
| Adesto Techn. | AT25DF512C | [TSSOP8]               | (1388)       |
| Adesto Techn. | AT25DF512C | [UDFN8]                | (3934) (*1)  |
| Adesto Techn. | AT25DF512C | [UDFN8] (Dual I/O)     | (3934) (*1)  |
| Adesto Techn. | AT25DF641  | (ISP)                  | (138)        |
| Adesto Techn. | AT25DF641  | [SOIC16]               | (3101) (*1)  |
| Adesto Techn. | AT25DF641  | [UDFN8]                | (3053) (*1)  |
| Adesto Techn. | AT25DF641A | (ISP)                  | (138)        |
| Adesto Techn. | AT25DF641A | [SOIC8]                | (3088) (*1)  |
| Adesto Techn. | AT25DF641A | [UDFN8]                | (3097) (*1)  |
| Adesto Techn. | AT25DL081  | (ISP)                  | (138)        |
| Adesto Techn. | AT25DL081  | [SOIC8-150]            | (3095) (*1)  |
| Adesto Techn. | AT25DL081  | [SOIC8-150] (Dual I/O) | (3095) (*1)  |
| Adesto Techn. | AT25DL081  | [UDFN8]                | (3097) (*1)  |
| Adesto Techn. | AT25DL081  | [UDFN8] (Dual I/O)     | (3097) (*1)  |
| Adesto Techn. | AT25DL161  | (ISP)                  | (138)        |
| Adesto Techn. | AT25DL161  | [SOIC8-150]            | (3094) (*1)  |
| Adesto Techn. | AT25DL161  | [SOIC8-150] (Dual I/O) | (3094) (*1)  |
| Adesto Techn. | AT25DL161  | [UDFN8]                | (4117) (*1)  |
| Adesto Techn. | AT25DL161  | [UDFN8] (Dual I/O)     | (4117) (*1)  |
| Adesto Techn. | AT25DN011  | (ISP)                  | (138)        |
| Adesto Techn. | AT25DN011  | [SOIC8]                | (3095) (*1)  |
| Adesto Techn. | AT25DN011  | [SOIC8] (Dual I/O)     | (3094) (*1)  |
| Adesto Techn. | AT25DN011  | [TSSOP8]               | (1388)       |
| Adesto Techn. | AT25DN011  | [UDFN8]                | (3934) (*1)  |
| Adesto Techn. | AT25DN011  | [UDFN8] (Dual I/O)     | (3934) (*1)  |
| Adesto Techn. | AT25DN256  | (ISP)                  | (138)        |
| Adesto Techn. | AT25DN256  | [SOIC8]                | (3095) (*1)  |
| Adesto Techn. | AT25DN256  | [SOIC8] (Dual I/O)     | (3094) (*1)  |
| Adesto Techn. | AT25DN256  | [TSSOP8]               | (1388)       |
| Adesto Techn. | AT25DN256  | [UDFN8]                | (3934) (*1)  |
| Adesto Techn. | AT25DN256  | [UDFN8] (Dual I/O)     | (3934) (*1)  |
| Adesto Techn. | AT25DN512C | (ISP)                  | (138)        |
| Adesto Techn. | AT25DN512C | [SOIC8]                | (3095) (*1)  |
| Adesto Techn. | AT25DN512C | [SOIC8] (Dual I/O)     | (3094) (*1)  |
| Adesto Techn. | AT25DN512C | [TSSOP8]               | (1388)       |
| Adesto Techn. | AT25DN512C | [UDFN8]                | (3934) (*1)  |
| Adesto Techn. | AT25DN512C | [UDFN8] (Dual I/O)     | (3934) (*1)  |
| Adesto Techn. | AT25DQ161  | (ISP)                  | (138)        |
| Adesto Techn. | AT25DQ161  | [SOIC8-150]            | (3095) (*1)  |
| Adesto Techn. | AT25DQ161  | [SOIC8-150] (Dual I/O) | (3095) (*1)  |
| Adesto Techn. | AT25DQ161  | [SOIC8-150] (Quad I/O) | (3095) (*1)  |
| Adesto Techn. | AT25DQ161  | [SOIC8-200]            | (3088) (*1)  |
| Adesto Techn. | AT25DQ161  | [SOIC8-200] (Dual I/O) | (3088) (*1)  |
| Adesto Techn. | AT25DQ161  | [SOIC8-200] (Quad I/O) | (3088) (*1)  |
| Adesto Techn. | AT25DQ161  | [UDFN8]                | (3097) (*1)  |
| Adesto Techn. | AT25DQ161  | [UDFN8] (Dual I/O)     | (3097) (*1)  |
| Adesto Techn. | AT25DQ161  | [UDFN8] (Quad I/O)     | (3097) (*1)  |
| Adesto Techn. | AT25DQ321  | (ISP)                  | (138)        |
| Adesto Techn. | AT25DQ321  | [SOIC16]               | (3101) (*1)  |
| Adesto Techn. | AT25DQ321  | [SOIC8-150]            | (3095) (*1)  |
| Adesto Techn. | AT25DQ321  | [SOIC8-150] (Dual I/O) | (3095) (*1)  |
| Adesto Techn. | AT25DQ321  | [SOIC8-150] (Quad I/O) | (3095) (*1)  |
| Adesto Techn. | AT25DQ321  | [SOIC8-200]            | (3088) (*1)  |
| Adesto Techn. | AT25DQ321  | [SOIC8-200] (Dual I/O) | (3088) (*1)  |
| Adesto Techn. | AT25DQ321  | [SOIC8-200] (Quad I/O) | (3088) (*1)  |
| Adesto Techn. | AT25DQ321  | [UDFN8]                | (3097) (*1)  |
| Adesto Techn. | AT25DQ321  | [UDFN8] (Dual I/O)     | (3097) (*1)  |
| Adesto Techn. | AT25DQ321  | [UDFN8] (Quad I/O)     | (3097) (*1)  |
| Adesto Techn. | AT25F512B  | (ISP)                  | (138)        |
| Adesto Techn. | AT25F512B  | [SOIC8]                | (3095) (*1)  |
| Adesto Techn. | AT25F512B  | [UDFN8]                | (3934) (*1)  |
| Adesto Techn. | AT25PE16   | [SOIC8-150]            | (3094) (*1)  |
| Adesto Techn. | AT25PE20   | [SOIC8-150]            | (3094) (*1)  |
| Adesto Techn. | AT25PE40   | [SOIC8-150]            | (3094) (*1)  |
| Adesto Techn. | AT25PE40   | [SOIC8-208]            | (3087) (*1)  |
| Adesto Techn. | AT25PE80   | [SOIC8-150]            | (3094) (*1)  |
| Adesto Techn. | AT25SF041  | (ISP)                  | (138)        |
| Adesto Techn. | AT25SF041  | [SOIC8-150]            | (3095) (*1)  |
| Adesto Techn. | AT25SF041  | [SOIC8-150] (Quad I/O) | (3095) (*1)  |
| Adesto Techn. | AT25SF041  | [SOIC8-200]            | (3088) (*1)  |
| Adesto Techn. | AT25SF041  | [SOIC8-200] (Quad I/O) | (3088) (*1)  |
| Adesto Techn. | AT25SF041  | [TSSOP8]               | (1388)       |
| Adesto Techn. | AT25SF041  | [TSSOP8] (Quad I/O)    | (1388)       |
| Adesto Techn. | AT25SF081  | (ISP)                  | (138) (9997) |
| Adesto Techn. | AT25SF081  | [SOIC8-150]            | (3095) (*1)  |
| Adesto Techn. | AT25SF081  | [SOIC8-150] (Quad I/O) | (3095) (*1)  |
| Adesto Techn. | AT25SF081  | [SOIC8-200]            | (3088) (*1)  |
| Adesto Techn. | AT25SF081  | [SOIC8-200] (Quad I/O) | (3088) (*1)  |
| Adesto Techn. | AT25SF081  | [UDFN8 2x3]            | (3934) (*1)  |
| Adesto Techn. | AT25SF081  | [UDFN8 2x3] (Quad I/O) | (3934) (*1)  |
| Adesto Techn. | AT25SF161  | (ISP)                  | (138) (9997) |
| Adesto Techn. | AT25SF161  | [SOIC8-150]            | (3094) (*1)  |
| Adesto Techn. | AT25SF161  | [SOIC8-150] (Quad I/O) | (3094) (*1)  |
| Adesto Techn. | AT25SF161  | [SOIC8-200]            | (3087) (*1)  |
| Adesto Techn. | AT25SF161  | [SOIC8-200] (Quad I/O) | (3087) (*1)  |
| Adesto Techn. | AT25SF161  | [UDFN8]                | (4117) (*1)  |
| Adesto Techn. | AT25SF161  | [UDFN8] (Quad I/O)     | (4117) (*1)  |
| Adesto Techn. | AT25SF321  | (ISP)                  | (138) (9997) |
| Adesto Techn. | AT25SF321  | [SOIC8-150]            | (3094) (*1)  |
| Adesto Techn. | AT25SF321  | [SOIC8-150] (Quad I/O) | (3094) (*1)  |
| Adesto Techn. | AT25SF321  | [SOIC8-200]            | (3087) (*1)  |
| Adesto Techn. | AT25SF321  | [SOIC8-200] (Quad I/O) | (3087) (*1)  |
| Adesto Techn. | AT25SF321  | [UDFN8]                | (4117) (*1)  |

|               |              |                        |              |
|---------------|--------------|------------------------|--------------|
| Adesto Techn. | AT25SF321    | [UDFN8] (Quad I/O)     | (4117) (*1)  |
| Adesto Techn. | AT25SF641    | [SOIC8-200]            | (3087) (*1)  |
| Adesto Techn. | AT25SF641    | [SOIC8-200] (Quad I/O) | (3087) (*1)  |
| Adesto Techn. | AT25SL128A   | [SOIC8-200] (Quad I/O) | (3087) (*1)  |
| Adesto Techn. | AT25SL128A   | [UDFN8 6x5] (Quad I/O) | (4117) (*1)  |
| Adesto Techn. | AT25SL321    | [SOIC8-200]            | (3087) (*1)  |
| Adesto Techn. | AT25SL321    | [SOIC8-200] (Quad I/O) | (3087) (*1)  |
| Adesto Techn. | AT25SL641    | [SOIC8-200] (Quad I/O) | (3087) (*1)  |
| Adesto Techn. | AT25XE011    | (ISP)                  | (138)        |
| Adesto Techn. | AT25XE011    | [SOIC8-150]            | (3095) (*1)  |
| Adesto Techn. | AT25XE011    | [SOIC8-150] (Dual I/O) | (3095) (*1)  |
| Adesto Techn. | AT25XE011    | [TSSOP8]               | (1388)       |
| Adesto Techn. | AT25XE011    | [TSSOP8] (Dual I/O)    | (1388)       |
| Adesto Techn. | AT25XE011    | [UDFN8 2x3]            | (3934) (*1)  |
| Adesto Techn. | AT25XE011    | [UDFN8 2x3] (Dual I/O) | (3934) (*1)  |
| Adesto Techn. | AT25XE021A   | (ISP)                  | (138)        |
| Adesto Techn. | AT25XE021A   | [SOIC8-150]            | (3095) (*1)  |
| Adesto Techn. | AT25XE021A   | [SOIC8-150] (Dual I/O) | (3095) (*1)  |
| Adesto Techn. | AT25XE021A   | [TSSOP8]               | (1388)       |
| Adesto Techn. | AT25XE021A   | [TSSOP8] (Dual I/O)    | (1388)       |
| Adesto Techn. | AT25XE021A   | [UDFN8 2x3]            | (3934) (*1)  |
| Adesto Techn. | AT25XE021A   | [UDFN8 2x3] (Dual I/O) | (3934) (*1)  |
| Adesto Techn. | AT25XE021A   | [UDFN8 5x6]            | (3097) (*1)  |
| Adesto Techn. | AT25XE021A   | [UDFN8 5x6] (Dual I/O) | (3097) (*1)  |
| Adesto Techn. | AT25XE041B   | (ISP)                  | (138) (9997) |
| Adesto Techn. | AT25XE041B   | [SOIC8-150]            | (3094) (*1)  |
| Adesto Techn. | AT25XE041B   | [SOIC8-150] (Dual I/O) | (3094) (*1)  |
| Adesto Techn. | AT25XE041B   | [TSSOP8]               | (1388)       |
| Adesto Techn. | AT25XE041B   | [TSSOP8] (Dual I/O)    | (1388)       |
| Adesto Techn. | AT25XE041B   | [UDFN8 2x3]            | (3934) (*1)  |
| Adesto Techn. | AT25XE041B   | [UDFN8 2x3] (Dual I/O) | (3934) (*1)  |
| Adesto Techn. | AT25XE041B   | [UDFN8 5x6]            | (4117) (*1)  |
| Adesto Techn. | AT25XE041B   | [UDFN8 5x6] (Dual I/O) | (4117) (*1)  |
| Adesto Techn. | AT25XE512C   | (ISP)                  | (138)        |
| Adesto Techn. | AT25XE512C   | [SOIC8-150]            | (3094) (*1)  |
| Adesto Techn. | AT25XE512C   | [SOIC8-150] (Dual I/O) | (3094) (*1)  |
| Adesto Techn. | AT25XE512C   | [TSSOP8]               | (1388)       |
| Adesto Techn. | AT25XE512C   | [TSSOP8] (Dual I/O)    | (1388)       |
| Adesto Techn. | AT25XE512C   | [UDFN8 2x3]            | (3934) (*1)  |
| Adesto Techn. | AT25XE512C   | [UDFN8 2x3] (Dual I/O) | (3934) (*1)  |
| Adesto Techn. | AT26DF081A   | (ISP)                  | (138)        |
| Adesto Techn. | AT26DF081A   | [SOIC8-150]            | (3095) (*1)  |
| Adesto Techn. | AT26DF081A   | [SOIC8-200]            | (3088) (*1)  |
| Adesto Techn. | AT45DB011D   | (ISP)                  | (138)        |
| Adesto Techn. | AT45DB011D   | [SOIC8-150]            | (1396)       |
| Adesto Techn. | AT45DB011D   | [SOIC8-200]            | (3104) (*1)  |
| Adesto Techn. | AT45DB011D   | [UDFN8]                | (1391)       |
| Adesto Techn. | AT45DB021D   | (ISP)                  | (138)        |
| Adesto Techn. | AT45DB021D   | [SOIC8-150]            | (1396)       |
| Adesto Techn. | AT45DB021D   | [SOIC8-200]            | (3104) (*1)  |
| Adesto Techn. | AT45DB021D   | [UDFN8]                | (1391)       |
| Adesto Techn. | AT45DB021E   | (ISP)                  | (138)        |
| Adesto Techn. | AT45DB021E   | [SOIC8-150]            | (1396)       |
| Adesto Techn. | AT45DB021E   | [SOIC8-200]            | (3104) (*1)  |
| Adesto Techn. | AT45DB021E   | [UDFN8]                | (1391)       |
| Adesto Techn. | AT45DB041D   | (ISP)                  | (138)        |
| Adesto Techn. | AT45DB041D   | [MLF8]                 | (1391)       |
| Adesto Techn. | AT45DB041D   | [SOIC8-150]            | (1396)       |
| Adesto Techn. | AT45DB041D   | [SOIC8-200]            | (3104) (*1)  |
| Adesto Techn. | AT45DB041E   | (ISP)                  | (138)        |
| Adesto Techn. | AT45DB041E   | [SOIC8-150]            | (1396)       |
| Adesto Techn. | AT45DB041E   | [SOIC8-200]            | (3104) (*1)  |
| Adesto Techn. | AT45DB041E   | [UDFN8]                | (1391)       |
| Adesto Techn. | AT45DB081D   | (ISP)                  | (138)        |
| Adesto Techn. | AT45DB081D   | [MLF8]                 | (1391)       |
| Adesto Techn. | AT45DB081D   | [SOIC8-150]            | (1396)       |
| Adesto Techn. | AT45DB081D   | [SOIC8-200]            | (3104) (*1)  |
| Adesto Techn. | AT45DB081E   | (ISP)                  | (138)        |
| Adesto Techn. | AT45DB081E   | [SOIC8-150]            | (1396)       |
| Adesto Techn. | AT45DB081E   | [SOIC8-200]            | (3104) (*1)  |
| Adesto Techn. | AT45DB081E   | [UDFN8]                | (1391)       |
| Adesto Techn. | AT45DB161D   | (ISP)                  | (138)        |
| Adesto Techn. | AT45DB161D   | [BGA24]                | (1343) (*1)  |
| Adesto Techn. | AT45DB161D   | [MLF8]                 | (1391)       |
| Adesto Techn. | AT45DB161D   | [SOIC8]                | (3104) (*1)  |
| Adesto Techn. | AT45DB161D   | [TSOP28]               | (1385)       |
| Adesto Techn. | AT45DB161E   | (ISP)                  | (138)        |
| Adesto Techn. | AT45DB161E   | [SOIC8-150]            | (1396)       |
| Adesto Techn. | AT45DB161E   | [SOIC8-200]            | (3104) (*1)  |
| Adesto Techn. | AT45DB161E   | [UDFN8]                | (1391)       |
| Adesto Techn. | AT45DB321D   | (ISP)                  | (138)        |
| Adesto Techn. | AT45DB321D   | [BGA24]                | (1343) (*1)  |
| Adesto Techn. | AT45DB321D   | [MLF8 5x6]             | (1391)       |
| Adesto Techn. | AT45DB321D   | [MLF8 6x8]             | (1389)       |
| Adesto Techn. | AT45DB321D   | [SOIC8]                | (3104) (*1)  |
| Adesto Techn. | AT45DB321D   | [TSOP28]               | (1385)       |
| Adesto Techn. | AT45DB321E   | (ISP)                  | (138)        |
| Adesto Techn. | AT45DB321E   | [SOIC8]                | (3104) (*1)  |
| Adesto Techn. | AT45DB321E   | [UDFN8]                | (1391)       |
| Adesto Techn. | AT45DB321E   | [VDFN8]                | (1389)       |
| Adesto Techn. | AT45DB641E   | (ISP)                  | (138)        |
| Adesto Techn. | AT45DB641E   | [SOIC8]                | (3104) (*1)  |
| Adesto Techn. | AT45DB641E   | [UDFN8]                | (1391)       |
| Adesto Techn. | AT45DB641E   | [VDFN8]                | (1389)       |
| Adesto Techn. | AT45DB642D   | (ISP)                  | (138)        |
| Adesto Techn. | AT45DB642D   | [BGA24]                | (1343) (*1)  |
| Adesto Techn. | AT45DB642D   | [CASON8]               | (1389)       |
| Adesto Techn. | AT45DB642D   | [TSOP28]               | (1385)       |
| Adesto Techn. | AT45DQ161    | [SOIC8-200]            | (3103) (*1)  |
| Adesto Techn. | AT45DQ161    | [SOIC8-200] (Quad I/O) | (3103) (*1)  |
| Adesto Techn. | RM24C128A-B  | (ISP)                  | (138)        |
| Adesto Techn. | RM24C128A-B  | [SOIC8-150]            | (950)        |
| Adesto Techn. | RM24C128A-B  | [TSSOP8]               | (121)        |
| Adesto Techn. | RM24C128C-L  | (ISP)                  | (138)        |
| Adesto Techn. | RM24C128C-L  | [SOIC8-150]            | (950)        |
| Adesto Techn. | RM24C128C-L  | [TSSOP8]               | (121)        |
| Adesto Techn. | RM24C128C-L  | [UDFN8-2x3]            | (4538)       |
| Adesto Techn. | RM24C128DS-L | (ISP)                  | (138)        |
| Adesto Techn. | RM24C128DS-L | [SOIC8-150]            | (950)        |
| Adesto Techn. | RM24C128DS-L | [TSSOP8]               | (121)        |
| Adesto Techn. | RM24C128DS-L | [UDFN8-2x3]            | (4538)       |
| Adesto Techn. | RM24C256C-L  | (ISP)                  | (138)        |
| Adesto Techn. | RM24C256C-L  | [SOIC8-150]            | (950)        |
| Adesto Techn. | RM24C256C-L  | [TSSOP8]               | (121)        |
| Adesto Techn. | RM24C256C-L  | [UDFN8-2x3]            | (4538)       |
| Adesto Techn. | RM24C256DS-L | (ISP)                  | (138)        |
| Adesto Techn. | RM24C256DS-L | [SOIC8-150]            | (950)        |
| Adesto Techn. | RM24C256DS-L | [TSSOP8]               | (121)        |
| Adesto Techn. | RM24C256DS-L | [UDFN8-2x3]            | (4538)       |
| Adesto Techn. | RM24C32C-B   | (ISP)                  | (138)        |
| Adesto Techn. | RM24C32C-B   | [SOIC8-150]            | (950)        |
| Adesto Techn. | RM24C32C-B   | [TSSOP8]               | (121)        |
| Adesto Techn. | RM24C32C-L   | (ISP)                  | (138)        |
| Adesto Techn. | RM24C32C-L   | [SOIC8-150]            | (950)        |
| Adesto Techn. | RM24C32C-L   | [TSSOP8]               | (121)        |
| Adesto Techn. | RM24C32DS-L  | (ISP)                  | (138)        |
| Adesto Techn. | RM24C32DS-L  | [SOIC8-150]            | (950)        |
| Adesto Techn. | RM24C32DS-L  | [TSSOP8]               | (121)        |

|                   |              |                  |               |
|-------------------|--------------|------------------|---------------|
| Adesto Techn.     | RM24C32DS-L  | [UDFN8-2x3]      | (4538)        |
| Adesto Techn.     | RM24C512C-L  | (ISP)            | (138)         |
| Adesto Techn.     | RM24C512C-L  | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM24C512C-L  | [TSSOP8]         | (121)         |
| Adesto Techn.     | RM24C512C-L  | [UDFN8-2x3]      | (4538)        |
| Adesto Techn.     | RM24C64C-B   | (ISP)            | (138)         |
| Adesto Techn.     | RM24C64C-B   | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM24C64C-B   | [TSSOP8]         | (121)         |
| Adesto Techn.     | RM24C64C-L   | (ISP)            | (138)         |
| Adesto Techn.     | RM24C64C-L   | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM24C64C-L   | [TSSOP8]         | (121)         |
| Adesto Techn.     | RM24C64C-L   | [UDFN8-2x3]      | (4538)        |
| Adesto Techn.     | RM24C64DS-L  | (ISP)            | (138)         |
| Adesto Techn.     | RM24C64DS-L  | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM24C64DS-L  | [TSSOP8]         | (121)         |
| Adesto Techn.     | RM24C64DS-L  | [UDFN8-2x3]      | (4538)        |
| Adesto Techn.     | RM24EP128A-B | (ISP)            | (138)         |
| Adesto Techn.     | RM24EP128A-B | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM24EP32B-B  | (ISP)            | (138)         |
| Adesto Techn.     | RM24EP32B-B  | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM24EP32C-B  | (ISP)            | (138)         |
| Adesto Techn.     | RM24EP32C-B  | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM24EP32C-B  | [TSSOP8]         | (121)         |
| Adesto Techn.     | RM24EP64B-B  | (ISP)            | (138)         |
| Adesto Techn.     | RM24EP64B-B  | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM24EP64C-B  | (ISP)            | (138)         |
| Adesto Techn.     | RM24EP64C-B  | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM24EP64C-B  | [TSSOP8]         | (121)         |
| Adesto Techn.     | RM25C128A-B  | (ISP)            | (138)         |
| Adesto Techn.     | RM25C128A-B  | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM25C128A-B  | [TSSOP8]         | (121)         |
| Adesto Techn.     | RM25C128C-L  | (ISP)            | (138)         |
| Adesto Techn.     | RM25C128C-L  | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM25C128C-L  | [TSSOP8]         | (121)         |
| Adesto Techn.     | RM25C256C-L  | (ISP)            | (138)         |
| Adesto Techn.     | RM25C256C-L  | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM25C256C-L  | [TSSOP8]         | (121)         |
| Adesto Techn.     | RM25C32C-B   | (ISP)            | (138)         |
| Adesto Techn.     | RM25C32C-B   | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM25C32C-B   | [TSSOP8]         | (121)         |
| Adesto Techn.     | RM25C32C-L   | (ISP)            | (138)         |
| Adesto Techn.     | RM25C32C-L   | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM25C32C-L   | [TSSOP8]         | (121)         |
| Adesto Techn.     | RM25C512C-L  | (ISP)            | (138)         |
| Adesto Techn.     | RM25C512C-L  | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM25C512C-L  | [TSSOP8]         | (121)         |
| Adesto Techn.     | RM25C64C-B   | (ISP)            | (138)         |
| Adesto Techn.     | RM25C64C-B   | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM25C64C-B   | [TSSOP8]         | (121)         |
| Adesto Techn.     | RM25C64C-L   | (ISP)            | (138)         |
| Adesto Techn.     | RM25C64C-L   | [SOIC8-150]      | (950)         |
| Adesto Techn.     | RM25C64C-L   | [TSSOP8]         | (121)         |
| Advanced Analog   | AAT1218      | [WQFN40]         | (3136) (9999) |
| Advanced Analog   | AAT1301B     | [VSON8-3x3]      | (1420)        |
| Advanced Analog   | AAT1314      | [WQFN32]         | (1294)        |
| AiT Semiconductor | A24C02       |                  |               |
| AiT Semiconductor | A24C02       | (ISP)            | (138)         |
| AiT Semiconductor | A24C02       | [DFN8-2x3]       | (4538)        |
| AiT Semiconductor | A24C02       | [SOP8]           | (950)         |
| AiT Semiconductor | A24C02       | [SOT23-5]        | (523)         |
| AiT Semiconductor | A24C02       | [TSOT-25]        | (523)         |
| AiT Semiconductor | A24C02       | [TSSOP8]         | (121)         |
| AiT Semiconductor | A24C04       |                  |               |
| AiT Semiconductor | A24C04       | (ISP)            | (138)         |
| AiT Semiconductor | A24C04       | [DFN8-2x3]       | (4538)        |
| AiT Semiconductor | A24C04       | [SOP8]           | (950)         |
| AiT Semiconductor | A24C04       | [SOT23-5]        | (523)         |
| AiT Semiconductor | A24C04       | [TSSOP8]         | (121)         |
| AiT Semiconductor | A24C08       |                  |               |
| AiT Semiconductor | A24C08       | (ISP)            | (138)         |
| AiT Semiconductor | A24C08       | [DFN8-2x3]       | (4538)        |
| AiT Semiconductor | A24C08       | [SOP8]           | (950)         |
| AiT Semiconductor | A24C08       | [SOT23-5]        | (523)         |
| AiT Semiconductor | A24C08       | [TSSOP8]         | (121)         |
| AiT Semiconductor | A24C1024     | (ISP)            | (138)         |
| AiT Semiconductor | A24C1024     | [SOP8]           | (950)         |
| AiT Semiconductor | A24C1024     | [TSSOP8]         | (121)         |
| AiT Semiconductor | A24C128      |                  |               |
| AiT Semiconductor | A24C128      | (ISP)            | (138)         |
| AiT Semiconductor | A24C128      | [DFN8-2x3]       | (4538)        |
| AiT Semiconductor | A24C128      | [SOP8]           | (950)         |
| AiT Semiconductor | A24C128      | [TSSOP8]         | (121)         |
| AiT Semiconductor | A24C128A     |                  |               |
| AiT Semiconductor | A24C128A     | (ISP)            | (138)         |
| AiT Semiconductor | A24C128A     | [DFN8-2x3]       | (4538)        |
| AiT Semiconductor | A24C128A     | [SOP8]           | (950)         |
| AiT Semiconductor | A24C128A     | [TSSOP8]         | (121)         |
| AiT Semiconductor | A24C16       |                  |               |
| AiT Semiconductor | A24C16       | (ISP)            | (138)         |
| AiT Semiconductor | A24C16       | [DFN8-2x3]       | (4538)        |
| AiT Semiconductor | A24C16       | [SOP8]           | (950)         |
| AiT Semiconductor | A24C16       | [SOT23-5]        | (523)         |
| AiT Semiconductor | A24C16       | [TSSOP8]         | (121)         |
| AiT Semiconductor | A24C256      |                  |               |
| AiT Semiconductor | A24C256      | (ISP)            | (138)         |
| AiT Semiconductor | A24C256      | [SOP8]           | (950)         |
| AiT Semiconductor | A24C256      | [TSSOP8]         | (121)         |
| AiT Semiconductor | A24C32       |                  |               |
| AiT Semiconductor | A24C32       | (ISP)            | (138)         |
| AiT Semiconductor | A24C32       | [DFN8-2x3]       | (4538)        |
| AiT Semiconductor | A24C32       | [SOP8]           | (950)         |
| AiT Semiconductor | A24C32       | [TSSOP8]         | (121)         |
| AiT Semiconductor | A24C512      | (ISP)            | (138)         |
| AiT Semiconductor | A24C512      | [SOP8]           | (950)         |
| AiT Semiconductor | A24C512      | [TSSOP8]         | (121)         |
| AiT Semiconductor | A24C64       |                  |               |
| AiT Semiconductor | A24C64       | (ISP)            | (138)         |
| AiT Semiconductor | A24C64       | [SOP8]           | (950)         |
| AiT Semiconductor | A24C64       | [TSSOP8]         | (121)         |
| AiT Semiconductor | A24C64A      |                  |               |
| AiT Semiconductor | A24C64A      | (ISP)            | (138)         |
| AiT Semiconductor | A24C64A      | [DFN8-2x3]       | (4538)        |
| AiT Semiconductor | A24C64A      | [SOP8]           | (950)         |
| AiT Semiconductor | A24C64A      | [TSSOP8]         | (121)         |
| AiT Semiconductor | A93C46       | (x16)            |               |
| AiT Semiconductor | A93C46       | (x16) (ISP)      | (138)         |
| AiT Semiconductor | A93C46       | (x16) [DFN8]     | (2995)        |
| AiT Semiconductor | A93C46       | (x16) [SOP8-200] | (46)          |
| AiT Semiconductor | A93C46       | (x16) [TSSOP8]   | (121)         |
| AiT Semiconductor | A93C46       | (x8)             |               |
| AiT Semiconductor | A93C46       | (x8) (ISP)       | (138)         |
| AiT Semiconductor | A93C46       | (x8) [DFN8]      | (2995)        |
| AiT Semiconductor | A93C46       | (x8) [SOP8-200]  | (46)          |
| AiT Semiconductor | A93C46       | (x8) [TSSOP8]    | (121)         |
| AiT Semiconductor | A93C56       | (x16)            |               |
| AiT Semiconductor | A93C56       | (x16) (ISP)      | (138)         |
| AiT Semiconductor | A93C56       | (x16) [SOP8-200] | (46)          |
| AiT Semiconductor | A93C56       | (x16) [TSSOP8]   | (121)         |

|                   |                         |             |
|-------------------|-------------------------|-------------|
| AiT Semiconductor | A93C56 (x8)             |             |
| AiT Semiconductor | A93C56 (x8) (ISP)       | (138)       |
| AiT Semiconductor | A93C56 (x8) [SOP8-200]  | (46)        |
| AiT Semiconductor | A93C56 (x8) [TSSOP8]    | (121)       |
| AiT Semiconductor | A93C66 (x16)            |             |
| AiT Semiconductor | A93C66 (x16) (ISP)      | (138)       |
| AiT Semiconductor | A93C66 (x16) [SOP8-200] | (46)        |
| AiT Semiconductor | A93C66 (x16) [TSSOP8]   | (121)       |
| AiT Semiconductor | A93C66 (x8)             |             |
| AiT Semiconductor | A93C66 (x8) (ISP)       | (138)       |
| AiT Semiconductor | A93C66 (x8) [SOP8-200]  | (46)        |
| AiT Semiconductor | A93C66 (x8) [TSSOP8]    | (121)       |
| AKM (Asahi Kasei) | AK27CX641               |             |
| AKM (Asahi Kasei) | AK27CX642               |             |
| AKM (Asahi Kasei) | AK6002A                 |             |
| AKM (Asahi Kasei) | AK6002A (ISP)           | (138)       |
| AKM (Asahi Kasei) | AK6002AF [SOIC8]        | (950)       |
| AKM (Asahi Kasei) | AK6002AV [TSSOP8]       | (121)       |
| AKM (Asahi Kasei) | AK6003A                 |             |
| AKM (Asahi Kasei) | AK6003A (ISP)           | (138)       |
| AKM (Asahi Kasei) | AK6003AV [TSSOP8]       | (121)       |
| AKM (Asahi Kasei) | AK6004A                 |             |
| AKM (Asahi Kasei) | AK6004A (ISP)           | (138)       |
| AKM (Asahi Kasei) | AK6004AF [SOIC8]        | (950)       |
| AKM (Asahi Kasei) | AK6004AM [SSOP8]        | (121)       |
| AKM (Asahi Kasei) | AK6008A                 |             |
| AKM (Asahi Kasei) | AK6008A (ISP)           | (138)       |
| AKM (Asahi Kasei) | AK6008AF [SOIC8]        | (950)       |
| AKM (Asahi Kasei) | AK6010A                 |             |
| AKM (Asahi Kasei) | AK6010AF [SOIC8]        | (950)       |
| AKM (Asahi Kasei) | AK6012A                 |             |
| AKM (Asahi Kasei) | AK6012AF [SOIC8]        | (950)       |
| AKM (Asahi Kasei) | AK6416A [TSSOP8]        | (121)       |
| AKM (Asahi Kasei) | AK6416C [MSOP8]         | (714)       |
| AKM (Asahi Kasei) | AK6416C [TSSOP8]        | (121)       |
| AKM (Asahi Kasei) | AK6420A                 |             |
| AKM (Asahi Kasei) | AK6420AF [SOIC8]        | (950)       |
| AKM (Asahi Kasei) | AK6420AM [TSSOP8]       | (121)       |
| AKM (Asahi Kasei) | AK6420B                 |             |
| AKM (Asahi Kasei) | AK6440A                 |             |
| AKM (Asahi Kasei) | AK6440AF [SOIC8]        | (950)       |
| AKM (Asahi Kasei) | AK6440AM [TSSOP8]       | (121)       |
| AKM (Asahi Kasei) | AK6440B                 |             |
| AKM (Asahi Kasei) | AK6440B [MSOP8]         | (714)       |
| AKM (Asahi Kasei) | AK6440B [SON8]          | (1420)      |
| AKM (Asahi Kasei) | AK6480A                 |             |
| AKM (Asahi Kasei) | AK6480AF [SOIC8]        | (950)       |
| AKM (Asahi Kasei) | AK6480AM [TSSOP8]       | (121)       |
| AKM (Asahi Kasei) | AK6480B                 |             |
| AKM (Asahi Kasei) | AK6480B [SON8]          | (1420)      |
| AKM (Asahi Kasei) | AK6480C [MSOP8]         | (714)       |
| AKM (Asahi Kasei) | AK6480C [SON8]          | (1420)      |
| AKM (Asahi Kasei) | AK6480CF [SOP8]         | (950)       |
| AKM (Asahi Kasei) | AK6506C (ISP)           | (138)       |
| AKM (Asahi Kasei) | AK6506CT [MSOP8]        | (714)       |
| AKM (Asahi Kasei) | AK6508C (ISP)           | (138)       |
| AKM (Asahi Kasei) | AK6508CT [MSOP8]        | (714)       |
| AKM (Asahi Kasei) | AK6510C (ISP)           | (138)       |
| AKM (Asahi Kasei) | AK6510CM [TSSOP8]       | (121)       |
| AKM (Asahi Kasei) | AK6512C (ISP)           | (138)       |
| AKM (Asahi Kasei) | AK6512CA (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK6512CAM [SSOP8]       | (121)       |
| AKM (Asahi Kasei) | AK6512CM [TSSOP8]       | (121)       |
| AKM (Asahi Kasei) | AK6514C (ISP)           | (138)       |
| AKM (Asahi Kasei) | AK6514CF [SOP8]         | (950)       |
| AKM (Asahi Kasei) | AK6514CN [QFN20]        | (575)       |
| AKM (Asahi Kasei) | AK6516C (ISP)           | (138)       |
| AKM (Asahi Kasei) | AK6516CF [SOP8]         | (950)       |
| AKM (Asahi Kasei) | AK93C10A (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C10AF [SOIC8]       | (950)       |
| AKM (Asahi Kasei) | AK93C41A (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C41A [TSSOP8]       | (121)       |
| AKM (Asahi Kasei) | AK93C45/L               |             |
| AKM (Asahi Kasei) | AK93C45/L/F/LF (ISP)    | (138)       |
| AKM (Asahi Kasei) | AK93C45A (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C45AF [SOIC8]       | (950)       |
| AKM (Asahi Kasei) | AK93C45ANF/AV [SOIC8]   | (950)       |
| AKM (Asahi Kasei) | AK93C45ANF/AV [TSSOP8]  | (121)       |
| AKM (Asahi Kasei) | AK93C45B (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C45B [MSOP8]        | (714)       |
| AKM (Asahi Kasei) | AK93C45C (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C45C [MSOP8]        | (714)       |
| AKM (Asahi Kasei) | AK93C45F/LF [SOP8]      | (950)       |
| AKM (Asahi Kasei) | AK93C46                 |             |
| AKM (Asahi Kasei) | AK93C46 [SOIC8]         | (950)       |
| AKM (Asahi Kasei) | AK93C51A (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C51A [TSSOP8]       | (121)       |
| AKM (Asahi Kasei) | AK93C55A (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C55AF [SOIC8]       | (950)       |
| AKM (Asahi Kasei) | AK93C55ANF/AV [SOIC8]   | (950)       |
| AKM (Asahi Kasei) | AK93C55ANF/AV [TSSOP8]  | (121)       |
| AKM (Asahi Kasei) | AK93C55B (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C55B [MSOP8]        | (714)       |
| AKM (Asahi Kasei) | AK93C55C (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C55C [MSOP8]        | (714)       |
| AKM (Asahi Kasei) | AK93C56                 |             |
| AKM (Asahi Kasei) | AK93C61A (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C61A [TSSOP8]       | (121)       |
| AKM (Asahi Kasei) | AK93C65A (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C65AF [SOIC8]       | (950)       |
| AKM (Asahi Kasei) | AK93C65ANF/AV [SOIC8]   | (950)       |
| AKM (Asahi Kasei) | AK93C65ANF/AV [TSSOP8]  | (121)       |
| AKM (Asahi Kasei) | AK93C65B (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C65B [MSOP8]        | (714)       |
| AKM (Asahi Kasei) | AK93C65C (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C65C [MSOP8]        | (714)       |
| AKM (Asahi Kasei) | AK93C75A (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C75AF [SOIC8]       | (950)       |
| AKM (Asahi Kasei) | AK93C75ANF/AV [SOIC8]   | (950)       |
| AKM (Asahi Kasei) | AK93C75ANF/AV [TSSOP8]  | (121)       |
| AKM (Asahi Kasei) | AK93C75B (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C75B [MSOP8]        | (714)       |
| AKM (Asahi Kasei) | AK93C85A (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C85AF [SOIC8]       | (950)       |
| AKM (Asahi Kasei) | AK93C85AM [TSSOP8]      | (121)       |
| AKM (Asahi Kasei) | AK93C95A (ISP)          | (138)       |
| AKM (Asahi Kasei) | AK93C95AF [SOIC8]       | (950)       |
| ALi               | M6759                   |             |
| ALi               | M6759 [PLCC44]          | (67)        |
| ALi               | M6759 [QFP44]           | (108)       |
| Allegro Microsys. | A4964 [eQFP32]          | (4958)      |
| Allegro Microsys. | A4964 [eQFP32] (.rst)   | (4958)      |
| Alt-Flash         | AFA01GWSECAG [WSON8]    | (4914) (*1) |
| Alt-Flash         | AFA02GWSECAH [WSON8]    | (4914) (*1) |
| Alt-Flash         | AFA1G08T-A04 [TSOP48]   | (1456) (*1) |
| Alt-Flash         | AFA2G08T-A01 [TSOP48]   | (1456) (*1) |
| Alt-Flash         | AFS1GQ4UAAWC2 [WSON8]   | (4914) (*1) |
| Alt-Flash         | SDV128Mxxxxx [LGA8]     | (3927)      |

|                    |               |                  |        |
|--------------------|---------------|------------------|--------|
| All-Flash          | SDV256Mxxxxx  | [LGA8]           | (3927) |
| All-Flash          | SDV512Mxxxxx  | [LGA8]           | (3927) |
| Alliance Semicond. | AS29F002B     |                  |        |
| Alliance Semicond. | AS29F002B     | [PLCC32]         | (1399) |
| Alliance Semicond. | AS29F002B     | [TSOP32]         | (655)  |
| Alliance Semicond. | AS29F002B     | [TSOP40]         | (1368) |
| Alliance Semicond. | AS29F002T     |                  |        |
| Alliance Semicond. | AS29F002T     | [PLCC32]         | (1399) |
| Alliance Semicond. | AS29F002T     | [TSOP32]         | (1414) |
| Alliance Semicond. | AS29F002T     | [TSOP40]         | (1368) |
| Alliance Semicond. | AS29F010      |                  |        |
| Alliance Semicond. | AS29F010      | [PLCC32]         | (1399) |
| Alliance Semicond. | AS29F010      | [TSOP32]         | (1414) |
| Alliance Semicond. | AS29F040      | [PLCC32]         | (1384) |
| Alliance Semicond. | AS29F040      | [TSOP32]         | (1381) |
| Alliance Semicond. | AS29F200B     | [PSOP44]         | (1356) |
| Alliance Semicond. | AS29F200B     | [TSOP48]         | (1346) |
| Alliance Semicond. | AS29F200T     | [PSOP44]         | (1356) |
| Alliance Semicond. | AS29F200T     | [TSOP48]         | (1346) |
| Alliance Semicond. | AS29LV160B    | [PSOP44]         | (1356) |
| Alliance Semicond. | AS29LV160B    | [TSOP48]         | (1346) |
| Alliance Semicond. | AS29LV160T    | [PSOP44]         | (1356) |
| Alliance Semicond. | AS29LV160T    | [TSOP48]         | (1346) |
| Alliance Semicond. | AS29LV400B    | [PSOP44]         | (1356) |
| Alliance Semicond. | AS29LV400B    | [TSOP48]         | (1346) |
| Alliance Semicond. | AS29LV400T    | [PSOP44]         | (1356) |
| Alliance Semicond. | AS29LV400T    | [TSOP48]         | (1346) |
| Alliance Semicond. | AS29LV800B    | [PSOP44]         | (1356) |
| Alliance Semicond. | AS29LV800B    | [TSOP48]         | (1346) |
| Alliance Semicond. | AS29LV800T    | [PSOP44]         | (1356) |
| Alliance Semicond. | AS29LV800T    | [TSOP48]         | (1346) |
| Altera             | 10AX066xxxF34 | [FBGA1152] (Jam) | (4841) |
| Altera             | 10AX090xxxF34 | [FBGA1152] (Jam) | (4841) |
| Altera             | 10M02DC       | [UBGA324]        | (3929) |
| Altera             | 10M02DC       | [UBGA324] (Jam)  | (3929) |
| Altera             | 10M02DC       | [UBGA324] (SVF)  | (3929) |
| Altera             | 10M02SC       | [EQFP144]        | (4198) |
| Altera             | 10M02SC       | [EQFP144] (Jam)  | (4198) |
| Altera             | 10M02SC       | [EQFP144] (SVF)  | (4198) |
| Altera             | 10M02SC       | [MBGA153]        | (3928) |
| Altera             | 10M02SC       | [MBGA153] (Jam)  | (3928) |
| Altera             | 10M02SC       | [MBGA153] (SVF)  | (3928) |
| Altera             | 10M02SC       | [UBGA169]        | (3670) |
| Altera             | 10M02SC       | [UBGA169] (Jam)  | (3670) |
| Altera             | 10M02SC       | [UBGA169] (SVF)  | (3670) |
| Altera             | 10M02SC       | [UBGA324]        | (4763) |
| Altera             | 10M02SC       | [UBGA324] (Jam)  | (4763) |
| Altera             | 10M02SC       | [UBGA324] (SVF)  | (4763) |
| Altera             | 10M04DA       | [FBGA256]        | (4192) |
| Altera             | 10M04DA       | [FBGA256] (Jam)  | (4192) |
| Altera             | 10M04DA       | [FBGA256] (SVF)  | (4192) |
| Altera             | 10M04DA       | [UBGA324]        | (3929) |
| Altera             | 10M04DA       | [UBGA324] (Jam)  | (3929) |
| Altera             | 10M04DA       | [UBGA324] (SVF)  | (3929) |
| Altera             | 10M04DC       | [FBGA256]        | (4192) |
| Altera             | 10M04DC       | [FBGA256] (Jam)  | (4192) |
| Altera             | 10M04DC       | [FBGA256] (SVF)  | (4192) |
| Altera             | 10M04DC       | [UBGA324]        | (3929) |
| Altera             | 10M04DC       | [UBGA324] (Jam)  | (3929) |
| Altera             | 10M04DC       | [UBGA324] (SVF)  | (3929) |
| Altera             | 10M04SA       | [EQFP144]        | (4199) |
| Altera             | 10M04SA       | [EQFP144] (Jam)  | (4199) |
| Altera             | 10M04SA       | [EQFP144] (SVF)  | (4199) |
| Altera             | 10M04SA       | [MBGA153]        | (3928) |
| Altera             | 10M04SA       | [MBGA153] (Jam)  | (3928) |
| Altera             | 10M04SA       | [MBGA153] (SVF)  | (3928) |
| Altera             | 10M04SA       | [UBGA169]        | (3670) |
| Altera             | 10M04SA       | [UBGA169] (Jam)  | (3670) |
| Altera             | 10M04SA       | [UBGA169] (SVF)  | (3670) |
| Altera             | 10M04SA       | [UBGA324]        | (4763) |
| Altera             | 10M04SA       | [UBGA324] (Jam)  | (4763) |
| Altera             | 10M04SA       | [UBGA324] (SVF)  | (4763) |
| Altera             | 10M04SC       | [EQFP144]        | (4199) |
| Altera             | 10M04SC       | [EQFP144] (Jam)  | (4199) |
| Altera             | 10M04SC       | [EQFP144] (SVF)  | (4199) |
| Altera             | 10M04SC       | [MBGA153]        | (3928) |
| Altera             | 10M04SC       | [MBGA153] (Jam)  | (3928) |
| Altera             | 10M04SC       | [MBGA153] (SVF)  | (3928) |
| Altera             | 10M04SC       | [UBGA169]        | (3670) |
| Altera             | 10M04SC       | [UBGA169] (Jam)  | (3670) |
| Altera             | 10M04SC       | [UBGA169] (SVF)  | (3670) |
| Altera             | 10M04SC       | [UBGA324]        | (4763) |
| Altera             | 10M04SC       | [UBGA324] (Jam)  | (4763) |
| Altera             | 10M04SC       | [UBGA324] (SVF)  | (4763) |
| Altera             | 10M08DA       | [FBGA256]        | (4192) |
| Altera             | 10M08DA       | [FBGA256] (Jam)  | (4192) |
| Altera             | 10M08DA       | [FBGA256] (SVF)  | (4192) |
| Altera             | 10M08DA       | [FBGA484]        | (3631) |
| Altera             | 10M08DA       | [FBGA484] (Jam)  | (3631) |
| Altera             | 10M08DA       | [FBGA484] (SVF)  | (3631) |
| Altera             | 10M08DA       | [UBGA324]        | (3929) |
| Altera             | 10M08DA       | [UBGA324] (Jam)  | (3929) |
| Altera             | 10M08DA       | [UBGA324] (SVF)  | (3929) |
| Altera             | 10M08DC       | [FBGA256]        | (4192) |
| Altera             | 10M08DC       | [FBGA256] (Jam)  | (4192) |
| Altera             | 10M08DC       | [FBGA256] (SVF)  | (4192) |
| Altera             | 10M08DC       | [FBGA484]        | (3631) |
| Altera             | 10M08DC       | [FBGA484] (Jam)  | (3631) |
| Altera             | 10M08DC       | [FBGA484] (SVF)  | (3631) |
| Altera             | 10M08DC       | [UBGA324]        | (3929) |
| Altera             | 10M08DC       | [UBGA324] (Jam)  | (3929) |
| Altera             | 10M08DC       | [UBGA324] (SVF)  | (3929) |
| Altera             | 10M08SA       | [EQFP144]        | (4199) |
| Altera             | 10M08SA       | [EQFP144] (Jam)  | (4199) |
| Altera             | 10M08SA       | [EQFP144] (SVF)  | (4199) |
| Altera             | 10M08SA       | [MBGA153]        | (3928) |
| Altera             | 10M08SA       | [MBGA153] (Jam)  | (3928) |
| Altera             | 10M08SA       | [MBGA153] (SVF)  | (3928) |
| Altera             | 10M08SA       | [UBGA169]        | (3670) |
| Altera             | 10M08SA       | [UBGA169] (Jam)  | (3670) |
| Altera             | 10M08SA       | [UBGA169] (SVF)  | (3670) |
| Altera             | 10M08SA       | [UBGA324]        | (4763) |
| Altera             | 10M08SA       | [UBGA324] (Jam)  | (4763) |
| Altera             | 10M08SA       | [UBGA324] (SVF)  | (4763) |
| Altera             | 10M08SC       | [EQFP144]        | (4199) |
| Altera             | 10M08SC       | [EQFP144] (Jam)  | (4199) |
| Altera             | 10M08SC       | [EQFP144] (SVF)  | (4199) |
| Altera             | 10M08SC       | [MBGA153]        | (3928) |
| Altera             | 10M08SC       | [MBGA153] (Jam)  | (3928) |
| Altera             | 10M08SC       | [MBGA153] (SVF)  | (3928) |
| Altera             | 10M08SC       | [UBGA169]        | (3670) |
| Altera             | 10M08SC       | [UBGA169] (Jam)  | (3670) |
| Altera             | 10M08SC       | [UBGA169] (SVF)  | (3670) |
| Altera             | 10M08SC       | [UBGA324]        | (4763) |
| Altera             | 10M08SC       | [UBGA324] (Jam)  | (4763) |
| Altera             | 10M08SC       | [UBGA324] (SVF)  | (4763) |
| Altera             | 10M16DA       | [FBGA256]        | (4192) |
| Altera             | 10M16DA       | [FBGA256] (Jam)  | (4192) |



|        |         |           |       |              |
|--------|---------|-----------|-------|--------------|
| Altera | 10M16DA | [FBGA256] | (SVF) | (4192)       |
| Altera | 10M16DA | [FBGA484] |       | (3631)       |
| Altera | 10M16DA | [FBGA484] | (Jam) | (3631)       |
| Altera | 10M16DA | [FBGA484] | (SVF) | (3631)       |
| Altera | 10M16DA | [UBGA324] |       | (3929)       |
| Altera | 10M16DA | [UBGA324] | (Jam) | (3929)       |
| Altera | 10M16DA | [UBGA324] | (SVF) | (3929)       |
| Altera | 10M16DC | [FBGA256] |       | (4192)       |
| Altera | 10M16DC | [FBGA256] | (Jam) | (4192)       |
| Altera | 10M16DC | [FBGA256] | (SVF) | (4192)       |
| Altera | 10M16DC | [FBGA484] |       | (3631)       |
| Altera | 10M16DC | [FBGA484] | (Jam) | (3631)       |
| Altera | 10M16DC | [FBGA484] | (SVF) | (3631)       |
| Altera | 10M16DC | [UBGA324] |       | (3929)       |
| Altera | 10M16DC | [UBGA324] | (Jam) | (3929)       |
| Altera | 10M16DC | [UBGA324] | (SVF) | (3929)       |
| Altera | 10M16SA | [EQFP144] |       | (4199)       |
| Altera | 10M16SA | [EQFP144] | (Jam) | (4199)       |
| Altera | 10M16SA | [EQFP144] | (SVF) | (4199)       |
| Altera | 10M16SA | [UBGA169] |       | (3670)       |
| Altera | 10M16SA | [UBGA169] | (Jam) | (3670)       |
| Altera | 10M16SA | [UBGA169] | (SVF) | (3670)       |
| Altera | 10M16SA | [UBGA324] |       | (4763)       |
| Altera | 10M16SA | [UBGA324] | (Jam) | (4763)       |
| Altera | 10M16SA | [UBGA324] | (SVF) | (4763)       |
| Altera | 10M16SC | [EQFP144] |       | (4199)       |
| Altera | 10M16SC | [EQFP144] | (Jam) | (4199)       |
| Altera | 10M16SC | [EQFP144] | (SVF) | (4199)       |
| Altera | 10M16SC | [UBGA169] |       | (3670)       |
| Altera | 10M16SC | [UBGA169] | (Jam) | (3670)       |
| Altera | 10M16SC | [UBGA169] | (SVF) | (3670)       |
| Altera | 10M16SC | [UBGA324] |       | (4763)       |
| Altera | 10M16SC | [UBGA324] | (Jam) | (4763)       |
| Altera | 10M16SC | [UBGA324] | (SVF) | (4763)       |
| Altera | 10M25DA | [FBGA256] |       | (4192)       |
| Altera | 10M25DA | [FBGA256] | (Jam) | (4192)       |
| Altera | 10M25DA | [FBGA256] | (SVF) | (4192)       |
| Altera | 10M25DA | [FBGA484] |       | (3631)       |
| Altera | 10M25DA | [FBGA484] | (Jam) | (3631)       |
| Altera | 10M25DA | [FBGA484] | (SVF) | (3631)       |
| Altera | 10M25DC | [FBGA256] |       | (4192)       |
| Altera | 10M25DC | [FBGA256] | (Jam) | (4192)       |
| Altera | 10M25DC | [FBGA256] | (SVF) | (4192)       |
| Altera | 10M25DC | [FBGA484] |       | (3631)       |
| Altera | 10M25DC | [FBGA484] | (Jam) | (3631)       |
| Altera | 10M25DC | [FBGA484] | (SVF) | (3631)       |
| Altera | 10M25SA | [EQFP144] |       | (4199)       |
| Altera | 10M25SA | [EQFP144] | (Jam) | (4199)       |
| Altera | 10M25SA | [EQFP144] | (SVF) | (4199)       |
| Altera | 10M25SC | [EQFP144] |       | (4199)       |
| Altera | 10M25SC | [EQFP144] | (Jam) | (4199)       |
| Altera | 10M25SC | [EQFP144] | (SVF) | (4199)       |
| Altera | 10M40DA | [FBGA256] |       | (4192)       |
| Altera | 10M40DA | [FBGA256] | (Jam) | (4192)       |
| Altera | 10M40DA | [FBGA256] | (SVF) | (4192)       |
| Altera | 10M40DA | [FBGA484] |       | (3631)       |
| Altera | 10M40DA | [FBGA484] | (Jam) | (3631)       |
| Altera | 10M40DA | [FBGA484] | (SVF) | (3631)       |
| Altera | 10M40DC | [FBGA256] |       | (4192)       |
| Altera | 10M40DC | [FBGA256] | (Jam) | (4192)       |
| Altera | 10M40DC | [FBGA256] | (SVF) | (4192)       |
| Altera | 10M40DC | [FBGA484] |       | (3631)       |
| Altera | 10M40DC | [FBGA484] | (Jam) | (3631)       |
| Altera | 10M40DC | [FBGA484] | (SVF) | (3631)       |
| Altera | 10M50DA | [FBGA256] |       | (4192)       |
| Altera | 10M50DA | [FBGA256] | (Jam) | (4192)       |
| Altera | 10M50DA | [FBGA256] | (SVF) | (4192)       |
| Altera | 10M50DA | [FBGA484] |       | (3631)       |
| Altera | 10M50DA | [FBGA484] | (Jam) | (3631)       |
| Altera | 10M50DA | [FBGA484] | (SVF) | (3631)       |
| Altera | 10M50DC | [FBGA256] |       | (4192)       |
| Altera | 10M50DC | [FBGA256] | (Jam) | (4192)       |
| Altera | 10M50DC | [FBGA256] | (SVF) | (4192)       |
| Altera | 10M50DC | [FBGA484] |       | (3631)       |
| Altera | 10M50DC | [FBGA484] | (Jam) | (3631)       |
| Altera | 10M50DC | [FBGA484] | (SVF) | (3631)       |
| Altera | 5CEBA2  | [FBGA256] | (Jam) | (4755)       |
| Altera | 5CEBA4  | [FBGA256] | (Jam) | (4755)       |
| Altera | 5M1270Z | [FBGA256] |       | (2562)       |
| Altera | 5M1270Z | [FBGA256] | (ISP) | (138) (9997) |
| Altera | 5M1270Z | [FBGA256] | (Jam) | (2562)       |
| Altera | 5M1270Z | [FBGA256] | (SVF) | (2562)       |
| Altera | 5M1270Z | [FBGA324] |       | (2751)       |
| Altera | 5M1270Z | [FBGA324] | (ISP) | (138) (9997) |
| Altera | 5M1270Z | [FBGA324] | (Jam) | (2751)       |
| Altera | 5M1270Z | [FBGA324] | (SVF) | (2751)       |
| Altera | 5M1270Z | [TQFP144] |       | (2396)       |
| Altera | 5M1270Z | [TQFP144] | (ISP) | (138) (9997) |
| Altera | 5M1270Z | [TQFP144] | (Jam) | (2396)       |
| Altera | 5M1270Z | [TQFP144] | (SVF) | (2396)       |
| Altera | 5M160Z  | (ISP)     |       | (138) (9997) |
| Altera | 5M160Z  | [EQFP64]  |       | (2395)       |
| Altera | 5M160Z  | [EQFP64]  | (Jam) | (2395)       |
| Altera | 5M160Z  | [EQFP64]  | (SVF) | (2395)       |
| Altera | 5M160Z  | [MBGA100] |       | (2649)       |
| Altera | 5M160Z  | [MBGA100] | (Jam) | (2649)       |
| Altera | 5M160Z  | [MBGA100] | (SVF) | (2649)       |
| Altera | 5M160Z  | [MBGA68]  |       | (2752)       |
| Altera | 5M160Z  | [MBGA68]  | (Jam) | (2752)       |
| Altera | 5M160Z  | [MBGA68]  | (SVF) | (2752)       |
| Altera | 5M160Z  | [TQFP100] |       | (2394)       |
| Altera | 5M160Z  | [TQFP100] | (Jam) | (2394)       |
| Altera | 5M160Z  | [TQFP100] | (SVF) | (2394)       |
| Altera | 5M2210Z | (ISP)     |       | (138) (9997) |
| Altera | 5M2210Z | [FBGA256] |       | (2562)       |
| Altera | 5M2210Z | [FBGA256] | (Jam) | (2562)       |
| Altera | 5M2210Z | [FBGA256] | (SVF) | (2562)       |
| Altera | 5M2210Z | [FBGA324] |       | (2751)       |
| Altera | 5M2210Z | [FBGA324] | (Jam) | (2751)       |
| Altera | 5M2210Z | [FBGA324] | (SVF) | (2751)       |
| Altera | 5M240Z  | [MBGA100] |       | (2649)       |
| Altera | 5M240Z  | [MBGA100] | (ISP) | (138) (9997) |
| Altera | 5M240Z  | [MBGA100] | (Jam) | (2649)       |
| Altera | 5M240Z  | [MBGA100] | (SVF) | (2649)       |
| Altera | 5M240Z  | [MBGA68]  |       | (2752)       |
| Altera | 5M240Z  | [MBGA68]  | (ISP) | (138) (9997) |
| Altera | 5M240Z  | [MBGA68]  | (Jam) | (2752)       |
| Altera | 5M240Z  | [MBGA68]  | (SVF) | (2752)       |
| Altera | 5M240Z  | [TQFP100] |       | (2394)       |
| Altera | 5M240Z  | [TQFP100] | (ISP) | (138) (9997) |
| Altera | 5M240Z  | [TQFP100] | (Jam) | (2394)       |
| Altera | 5M240Z  | [TQFP100] | (SVF) | (2394)       |
| Altera | 5M240Z  | [TQFP144] |       | (2396)       |
| Altera | 5M240Z  | [TQFP144] | (ISP) | (138) (9997) |
| Altera | 5M240Z  | [TQFP144] | (Jam) | (2396)       |
| Altera | 5M240Z  | [TQFP144] | (SVF) | (2396)       |
| Altera | 5M40Z   | (ISP)     |       | (138) (9997) |
| Altera | 5M40Z   | [EQFP64]  |       | (2395)       |

|        |                               |              |
|--------|-------------------------------|--------------|
| Altera | 5M40Z [EQFP64] (Jam)          | (2395)       |
| Altera | 5M40Z [EQFP64] (SVF)          | (2395)       |
| Altera | 5M570Z (ISP)                  | (138) (9997) |
| Altera | 5M570Z [FBGA256]              | (2562)       |
| Altera | 5M570Z [FBGA256] (Jam)        | (2562)       |
| Altera | 5M570Z [FBGA256] (SVF)        | (2562)       |
| Altera | 5M570Z [MBGA100]              | (2649)       |
| Altera | 5M570Z [MBGA100] (Jam)        | (2649)       |
| Altera | 5M570Z [MBGA100] (SVF)        | (2649)       |
| Altera | 5M570Z [TQFP100]              | (2394)       |
| Altera | 5M570Z [TQFP100] (Jam)        | (2394)       |
| Altera | 5M570Z [TQFP100] (SVF)        | (2394)       |
| Altera | 5M570Z [TQFP144]              | (2396)       |
| Altera | 5M570Z [TQFP144] (Jam)        | (2396)       |
| Altera | 5M570Z [TQFP144] (SVF)        | (2396)       |
| Altera | 5M80Z (ISP)                   | (138) (9997) |
| Altera | 5M80Z [EQFP64]                | (2395)       |
| Altera | 5M80Z [EQFP64] (Jam)          | (2395)       |
| Altera | 5M80Z [EQFP64] (SVF)          | (2395)       |
| Altera | 5M80Z [MBGA68]                | (2752)       |
| Altera | 5M80Z [MBGA68] (Jam)          | (2752)       |
| Altera | 5M80Z [MBGA68] (SVF)          | (2752)       |
| Altera | 5M80Z [TQFP100]               | (2394)       |
| Altera | 5M80Z [TQFP100] (Jam)         | (2394)       |
| Altera | 5M80Z [TQFP100] (SVF)         | (2394)       |
| Altera | EP1800 [PGA68] (ADP Aprilog)  | (541)        |
| Altera | EP1800 [PGA68] (ADP ET)       | (2323)       |
| Altera | EP1800 [PLCC68]               | (784)        |
| Altera | EP1800I [PGA68] (ADP Aprilog) | (541)        |
| Altera | EP1800I [PGA68] (ADP ET)      | (2323)       |
| Altera | EP1800I [PLCC68]              | (784)        |
| Altera | EP1810 [PGA68] (ADP Aprilog)  | (541)        |
| Altera | EP1810 [PGA68] (ADP ET)       | (2323)       |
| Altera | EP1810 [PLCC68]               | (784)        |
| Altera | EP1810I [PGA68] (ADP Aprilog) | (541)        |
| Altera | EP1810I [PGA68] (ADP ET)      | (2323)       |
| Altera | EP1810I [PLCC68]              | (784)        |
| Altera | EP1810T [PGA68] (ADP Aprilog) | (541)        |
| Altera | EP1810T [PGA68] (ADP ET)      | (2323)       |
| Altera | EP1810T [PLCC68]              | (784)        |
| Altera | EP1830 [PGA68] (ADP Aprilog)  | (541)        |
| Altera | EP1830 [PGA68] (ADP ET)       | (2323)       |
| Altera | EP1830 [PLCC68]               | (784)        |
| Altera | EP310                         |              |
| Altera | EP310 [PLCC20]                | (47)         |
| Altera | EP310I                        |              |
| Altera | EP310I [PLCC20]               | (47)         |
| Altera | EP312                         |              |
| Altera | EP312 [PLCC28]                | (48)         |
| Altera | EP320                         |              |
| Altera | EP320 [PLCC20]                | (47)         |
| Altera | EP320I                        |              |
| Altera | EP320I [PLCC20]               | (47)         |
| Altera | EP324                         |              |
| Altera | EP324 [PLCC44]                | (67)         |
| Altera | EP600                         |              |
| Altera | EP600 [PLCC28]                | (48)         |
| Altera | EP600 [SOIC24]                | (1062)       |
| Altera | EP600I                        |              |
| Altera | EP600I [PLCC28]               | (48)         |
| Altera | EP600I [SOIC24]               | (1062)       |
| Altera | EP610                         |              |
| Altera | EP610 [PLCC28]                | (48)         |
| Altera | EP610 [SOIC24]                | (1062)       |
| Altera | EP610I                        |              |
| Altera | EP610I [PLCC28]               | (48)         |
| Altera | EP610I [SOIC24]               | (1062)       |
| Altera | EP610T                        |              |
| Altera | EP610T [PLCC28]               | (48)         |
| Altera | EP610T [SOIC24]               | (1062)       |
| Altera | EP900                         |              |
| Altera | EP900 [PLCC44]                | (67)         |
| Altera | EP900I                        |              |
| Altera | EP900I [PLCC44]               | (67)         |
| Altera | EP910                         |              |
| Altera | EP910 [PLCC44]                | (67)         |
| Altera | EP910I                        |              |
| Altera | EP910I [PLCC44]               | (67)         |
| Altera | EP910T                        |              |
| Altera | EP910T [PLCC44]               | (67)         |
| Altera | EPC1                          |              |
| Altera | EPC1 [PLCC20]                 | (47)         |
| Altera | EPC1 as EPC1064               |              |
| Altera | EPC1 as EPC1064 [PLCC20]      | (47)         |
| Altera | EPC1 as EPC1441               |              |
| Altera | EPC1 as EPC1441 [PLCC20]      | (47)         |
| Altera | EPC1064                       |              |
| Altera | EPC1064 [PLCC20]              | (47)         |
| Altera | EPC1064 [TQFP32]              | (159)        |
| Altera | EPC1441                       |              |
| Altera | EPC1441 [PLCC20]              | (47)         |
| Altera | EPC1441 [TQFP32]              | (159)        |
| Altera | EPC1441 as EPC1064            |              |
| Altera | EPC1441 as EPC1064 [PLCC20]   | (47)         |
| Altera | EPC1441 as EPC1064 [TQFP32]   | (159)        |
| Altera | EPC16 [PQFP100 option1]       | (899)        |
| Altera | EPC16 [PQFP100 option1] (Jam) | (899)        |
| Altera | EPC16 [PQFP100 option1] (SVF) | (899)        |
| Altera | EPC16 [PQFP100 option2]       | (905)        |
| Altera | EPC16 [PQFP100 option2] (Jam) | (905)        |
| Altera | EPC16 [PQFP100 option2] (SVF) | (905)        |
| Altera | EPC16 [UBGA88]                | (1006)       |
| Altera | EPC2 (ISP)                    | (138)        |
| Altera | EPC2 [PLCC20]                 | (47)         |
| Altera | EPC2 [TQFP32]                 | (159)        |
| Altera | EPC2 as EPC1 (ISP)            | (138)        |
| Altera | EPC2 as EPC1 [PLCC20]         | (47)         |
| Altera | EPC2 as EPC1 [TQFP32]         | (159)        |
| Altera | EPC2 as EPC1441 (ISP)         | (138)        |
| Altera | EPC2 as EPC1441 [PLCC20]      | (47)         |
| Altera | EPC2 as EPC1441 [TQFP32]      | (159)        |
| Altera | EPC4 [PQFP100 option1]        | (899)        |
| Altera | EPC4 [PQFP100 option1] (Jam)  | (899)        |
| Altera | EPC4 [PQFP100 option1] (SVF)  | (899)        |
| Altera | EPC8 [PQFP100 option1]        | (899)        |
| Altera | EPC8 [PQFP100 option1] (Jam)  | (899)        |
| Altera | EPC8 [PQFP100 option1] (SVF)  | (899)        |
| Altera | EPC8 [PQFP100 option2]        | (905)        |
| Altera | EPC8 [PQFP100 option2] (Jam)  | (905)        |
| Altera | EPC8 [PQFP100 option2] (SVF)  | (905)        |
| Altera | EPCE16 [PQFP100]              | (899)        |
| Altera | EPCE4 [PQFP100]               | (899)        |
| Altera | EPCE8 [PQFP100]               | (899)        |
| Altera | EPCQ128 [SOIC16]              | (3101) (*1)  |
| Altera | EPCQ128 [SOIC16] (Quad)       | (3101) (*1)  |
| Altera | EPCQ128A (ISP)                | (138) (9997) |
| Altera | EPCQ128A [SOIC16]             | (3100) (*1)  |
| Altera | EPCQ128A [SOIC16] (Quad)      | (3100) (*1)  |

|        |                           |              |
|--------|---------------------------|--------------|
| Altera | EPCQ16 [SOIC8]            | (3095) (*1)  |
| Altera | EPCQ16 [SOIC8] (Quad)     | (3095) (*1)  |
| Altera | EPCQ16A (ISP)             | (138) (9997) |
| Altera | EPCQ16A [SOIC8]           | (3094) (*1)  |
| Altera | EPCQ16A [SOIC8] (Quad)    | (3094) (*1)  |
| Altera | EPCQ256 [SOIC16]          | (3100) (*1)  |
| Altera | EPCQ256 [SOIC16] (Quad)   | (3100) (*1)  |
| Altera | EPCQ32 [SOIC8]            | (3095) (*1)  |
| Altera | EPCQ32 [SOIC8] (Quad)     | (3095) (*1)  |
| Altera | EPCQ32A (ISP)             | (138) (9997) |
| Altera | EPCQ32A [SOIC8]           | (3094) (*1)  |
| Altera | EPCQ32A [SOIC8] (Quad)    | (3094) (*1)  |
| Altera | EPCQ4A (ISP)              | (138) (9997) |
| Altera | EPCQ4A [SOIC8]            | (3094) (*1)  |
| Altera | EPCQ512/A [SOIC16]        | (3100) (*1)  |
| Altera | EPCQ512/A [SOIC16] (Quad) | (3100) (*1)  |
| Altera | EPCQ64 [SOIC16]           | (3101) (*1)  |
| Altera | EPCQ64 [SOIC16] (Quad)    | (3101) (*1)  |
| Altera | EPCQ64A (ISP)             | (138) (9997) |
| Altera | EPCQ64A [SOIC16]          | (3100) (*1)  |
| Altera | EPCQ64A [SOIC16] (Quad)   | (3100) (*1)  |
| Altera | EPCQL256 [FBGA24]         | (3122)       |
| Altera | EPCQL256 [FBGA24] (Quad)  | (3122)       |
| Altera | EPCS1 (ISP)               | (138)        |
| Altera | EPCS1 [SOIC8]             | (3095) (*1)  |
| Altera | EPCS128 (ISP)             | (138)        |
| Altera | EPCS128 [SOIC16]          | (3101) (*1)  |
| Altera | EPCS16 (ISP)              | (138)        |
| Altera | EPCS16 [SOIC16]           | (3101) (*1)  |
| Altera | EPCS16 [SOIC8]            | (3095) (*1)  |
| Altera | EPCS4 (ISP)               | (138)        |
| Altera | EPCS4 [SOIC8]             | (3095) (*1)  |
| Altera | EPCS64 (ISP)              | (138)        |
| Altera | EPCS64 [SOIC16]           | (3101) (*1)  |
| Altera | EPM1270 (ISP)             | (138)        |
| Altera | EPM1270 (ISP-Jam)         | (138)        |
| Altera | EPM1270 (ISP-SVF)         | (138)        |
| Altera | EPM1270 [FBGA256]         | (717)        |
| Altera | EPM1270 [FBGA256] (Jam)   | (717)        |
| Altera | EPM1270 [FBGA256] (SVF)   | (717)        |
| Altera | EPM1270 [MBGA256]         | (1173)       |
| Altera | EPM1270 [MBGA256] (Jam)   | (1173)       |
| Altera | EPM1270 [MBGA256] (SVF)   | (1173)       |
| Altera | EPM1270 [TQFP144]         | (695)        |
| Altera | EPM1270 [TQFP144] (Jam)   | (695)        |
| Altera | EPM1270 [TQFP144] (SVF)   | (695)        |
| Altera | EPM1270G (ISP)            | (138)        |
| Altera | EPM1270G (ISP-Jam)        | (138)        |
| Altera | EPM1270G (ISP-SVF)        | (138)        |
| Altera | EPM1270G [FBGA256]        | (717)        |
| Altera | EPM1270G [FBGA256] (Jam)  | (717)        |
| Altera | EPM1270G [FBGA256] (SVF)  | (717)        |
| Altera | EPM1270G [MBGA256]        | (1173)       |
| Altera | EPM1270G [MBGA256] (Jam)  | (1173)       |
| Altera | EPM1270G [MBGA256] (SVF)  | (1173)       |
| Altera | EPM1270G [TQFP144]        | (695)        |
| Altera | EPM1270G [TQFP144] (Jam)  | (695)        |
| Altera | EPM1270G [TQFP144] (SVF)  | (695)        |
| Altera | EPM1270xxxxxxES (ISP)     | (138)        |
| Altera | EPM1270xxxxxxES [FBGA256] | (717)        |
| Altera | EPM1270xxxxxxES [TQFP144] | (695)        |
| Altera | EPM2210 (ISP)             | (138)        |
| Altera | EPM2210 (ISP-Jam)         | (138)        |
| Altera | EPM2210 (ISP-SVF)         | (138)        |
| Altera | EPM2210 [FBGA256]         | (717)        |
| Altera | EPM2210 [FBGA256] (Jam)   | (717)        |
| Altera | EPM2210 [FBGA256] (SVF)   | (717)        |
| Altera | EPM2210 [FBGA324]         | (1206)       |
| Altera | EPM2210 [FBGA324] (Jam)   | (1206)       |
| Altera | EPM2210 [FBGA324] (SVF)   | (1206)       |
| Altera | EPM2210G (ISP)            | (138)        |
| Altera | EPM2210G (ISP-Jam)        | (138)        |
| Altera | EPM2210G (ISP-SVF)        | (138)        |
| Altera | EPM2210G [FBGA256]        | (717)        |
| Altera | EPM2210G [FBGA256] (Jam)  | (717)        |
| Altera | EPM2210G [FBGA256] (SVF)  | (717)        |
| Altera | EPM2210G [FBGA324]        | (1206)       |
| Altera | EPM2210G [FBGA324] (Jam)  | (1206)       |
| Altera | EPM2210G [FBGA324] (SVF)  | (1206)       |
| Altera | EPM240 (ISP)              | (138)        |
| Altera | EPM240 (ISP-Jam)          | (138)        |
| Altera | EPM240 (ISP-SVF)          | (138)        |
| Altera | EPM240 [FBGA100]          | (870)        |
| Altera | EPM240 [FBGA100] (Jam)    | (870)        |
| Altera | EPM240 [FBGA100] (SVF)    | (870)        |
| Altera | EPM240 [MBGA100]          | (857)        |
| Altera | EPM240 [MBGA100] (Jam)    | (857)        |
| Altera | EPM240 [MBGA100] (SVF)    | (857)        |
| Altera | EPM240 [TQFP100]          | (586)        |
| Altera | EPM240 [TQFP100] (Jam)    | (586)        |
| Altera | EPM240 [TQFP100] (SVF)    | (586)        |
| Altera | EPM240G (ISP)             | (138)        |
| Altera | EPM240G (ISP-Jam)         | (138)        |
| Altera | EPM240G (ISP-SVF)         | (138)        |
| Altera | EPM240G [FBGA100]         | (870)        |
| Altera | EPM240G [FBGA100] (Jam)   | (870)        |
| Altera | EPM240G [FBGA100] (SVF)   | (870)        |
| Altera | EPM240G [MBGA100]         | (857)        |
| Altera | EPM240G [MBGA100] (Jam)   | (857)        |
| Altera | EPM240G [MBGA100] (SVF)   | (857)        |
| Altera | EPM240G [TQFP100]         | (586)        |
| Altera | EPM240G [TQFP100] (Jam)   | (586)        |
| Altera | EPM240G [TQFP100] (SVF)   | (586)        |
| Altera | EPM240Z (ISP)             | (138)        |
| Altera | EPM240Z [MBGA100]         | (857)        |
| Altera | EPM240Z [MBGA100] (Jam)   | (857)        |
| Altera | EPM240Z [MBGA100] (SVF)   | (857)        |
| Altera | EPM240Z [MBGA68]          | (1142)       |
| Altera | EPM240Z [MBGA68] (Jam)    | (1142)       |
| Altera | EPM240Z [MBGA68] (SVF)    | (1142)       |
| Altera | EPM3032A (ISP)            | (138)        |
| Altera | EPM3032A (ISP-Jam)        | (138)        |
| Altera | EPM3032A (ISP-SVF)        | (138)        |
| Altera | EPM3032A [PLCC44]         | (67)         |
| Altera | EPM3032A [PLCC44] (Jam)   | (67)         |
| Altera | EPM3032A [PLCC44] (SVF)   | (67)         |
| Altera | EPM3032A [TQFP44]         | (94)         |
| Altera | EPM3032A [TQFP44] (Jam)   | (94)         |
| Altera | EPM3032A [TQFP44] (SVF)   | (94)         |
| Altera | EPM3064A (ISP)            | (138)        |
| Altera | EPM3064A (ISP-Jam)        | (138)        |
| Altera | EPM3064A (ISP-SVF)        | (138)        |
| Altera | EPM3064A [PLCC44]         | (67)         |
| Altera | EPM3064A [PLCC44] (Jam)   | (67)         |
| Altera | EPM3064A [PLCC44] (SVF)   | (67)         |
| Altera | EPM3064A [TQFP100]        | (162)        |
| Altera | EPM3064A [TQFP100] (Jam)  | (162)        |
| Altera | EPM3064A [TQFP100] (SVF)  | (162)        |

|        |           |                   |        |
|--------|-----------|-------------------|--------|
| Altera | EPM3064A  | [TQFP44]          | (94)   |
| Altera | EPM3064A  | [TQFP44] (Jam)    | (94)   |
| Altera | EPM3064A  | [TQFP44] (SVF)    | (94)   |
| Altera | EPM3128A  | (ISP)             | (138)  |
| Altera | EPM3128A  | (ISP-Jam)         | (138)  |
| Altera | EPM3128A  | (ISP-SVF)         | (138)  |
| Altera | EPM3128A  | [FBGA256]         | (777)  |
| Altera | EPM3128A  | [FBGA256] (Jam)   | (777)  |
| Altera | EPM3128A  | [FBGA256] (SVF)   | (777)  |
| Altera | EPM3128A  | [TQFP100]         | (162)  |
| Altera | EPM3128A  | [TQFP100] (Jam)   | (162)  |
| Altera | EPM3128A  | [TQFP100] (SVF)   | (162)  |
| Altera | EPM3128A  | [TQFP144]         | (611)  |
| Altera | EPM3128A  | [TQFP144] (Jam)   | (611)  |
| Altera | EPM3128A  | [TQFP144] (SVF)   | (611)  |
| Altera | EPM3256A  | (ISP)             | (138)  |
| Altera | EPM3256A  | (ISP-Jam)         | (138)  |
| Altera | EPM3256A  | (ISP-SVF)         | (138)  |
| Altera | EPM3256A  | [FBGA256]         | (777)  |
| Altera | EPM3256A  | [FBGA256] (Jam)   | (777)  |
| Altera | EPM3256A  | [FBGA256] (SVF)   | (777)  |
| Altera | EPM3256A  | [PQFP208]         | (610)  |
| Altera | EPM3256A  | [PQFP208] (Jam)   | (610)  |
| Altera | EPM3256A  | [PQFP208] (SVF)   | (610)  |
| Altera | EPM3256A  | [TQFP144]         | (611)  |
| Altera | EPM3256A  | [TQFP144] (Jam)   | (611)  |
| Altera | EPM3256A  | [TQFP144] (SVF)   | (611)  |
| Altera | EPM3512A  | (ISP)             | (138)  |
| Altera | EPM3512A  | (ISP-Jam)         | (138)  |
| Altera | EPM3512A  | (ISP-SVF)         | (138)  |
| Altera | EPM3512A  | [FBGA256]         | (777)  |
| Altera | EPM3512A  | [FBGA256] (Jam)   | (777)  |
| Altera | EPM3512A  | [FBGA256] (SVF)   | (777)  |
| Altera | EPM3512A  | [PQFP208]         | (610)  |
| Altera | EPM3512A  | [PQFP208] (Jam)   | (610)  |
| Altera | EPM3512A  | [PQFP208] (SVF)   | (610)  |
| Altera | EPM5032   |                   | (682)  |
| Altera | EPM5032   | [PLCC28]          | (684)  |
| Altera | EPM5032A  |                   | (682)  |
| Altera | EPM5032A  | [PLCC28]          | (684)  |
| Altera | EPM5064   | 0.65um [PLCC44]   | (710)  |
| Altera | EPM5064A  | 0.65um [PLCC44]   | (710)  |
| Altera | EPM570    | (ISP)             | (138)  |
| Altera | EPM570    | (ISP-Jam)         | (138)  |
| Altera | EPM570    | (ISP-SVF)         | (138)  |
| Altera | EPM570    | [FBGA100]         | (870)  |
| Altera | EPM570    | [FBGA100] (Jam)   | (870)  |
| Altera | EPM570    | [FBGA100] (SVF)   | (870)  |
| Altera | EPM570    | [FBGA256]         | (717)  |
| Altera | EPM570    | [FBGA256] (Jam)   | (717)  |
| Altera | EPM570    | [FBGA256] (SVF)   | (717)  |
| Altera | EPM570    | [MBGA100]         | (857)  |
| Altera | EPM570    | [MBGA100] (Jam)   | (857)  |
| Altera | EPM570    | [MBGA100] (SVF)   | (857)  |
| Altera | EPM570    | [MBGA256]         | (1173) |
| Altera | EPM570    | [MBGA256] (Jam)   | (1173) |
| Altera | EPM570    | [MBGA256] (SVF)   | (1173) |
| Altera | EPM570    | [TQFP100]         | (586)  |
| Altera | EPM570    | [TQFP100] (Jam)   | (586)  |
| Altera | EPM570    | [TQFP100] (SVF)   | (586)  |
| Altera | EPM570    | [TQFP144]         | (695)  |
| Altera | EPM570    | [TQFP144] (Jam)   | (695)  |
| Altera | EPM570    | [TQFP144] (SVF)   | (695)  |
| Altera | EPM570G   | (ISP)             | (138)  |
| Altera | EPM570G   | (ISP-Jam)         | (138)  |
| Altera | EPM570G   | (ISP-SVF)         | (138)  |
| Altera | EPM570G   | [FBGA100]         | (870)  |
| Altera | EPM570G   | [FBGA100] (Jam)   | (870)  |
| Altera | EPM570G   | [FBGA100] (SVF)   | (870)  |
| Altera | EPM570G   | [FBGA256]         | (717)  |
| Altera | EPM570G   | [FBGA256] (Jam)   | (717)  |
| Altera | EPM570G   | [FBGA256] (SVF)   | (717)  |
| Altera | EPM570G   | [MBGA100]         | (857)  |
| Altera | EPM570G   | [MBGA100] (Jam)   | (857)  |
| Altera | EPM570G   | [MBGA100] (SVF)   | (857)  |
| Altera | EPM570G   | [MBGA256]         | (1173) |
| Altera | EPM570G   | [MBGA256] (Jam)   | (1173) |
| Altera | EPM570G   | [MBGA256] (SVF)   | (1173) |
| Altera | EPM570G   | [TQFP100]         | (586)  |
| Altera | EPM570G   | [TQFP100] (Jam)   | (586)  |
| Altera | EPM570G   | [TQFP100] (SVF)   | (586)  |
| Altera | EPM570G   | [TQFP144]         | (695)  |
| Altera | EPM570G   | [TQFP144] (Jam)   | (695)  |
| Altera | EPM570G   | [TQFP144] (SVF)   | (695)  |
| Altera | EPM570Z   | (ISP)             | (138)  |
| Altera | EPM570Z   | [MBGA100]         | (857)  |
| Altera | EPM570Z   | [MBGA100] (Jam)   | (857)  |
| Altera | EPM570Z   | [MBGA100] (SVF)   | (857)  |
| Altera | EPM570Z   | [MBGA144]         | (1174) |
| Altera | EPM570Z   | [MBGA144] (Jam)   | (1174) |
| Altera | EPM570Z   | [MBGA144] (SVF)   | (1174) |
| Altera | EPM570Z   | [MBGA256]         | (1173) |
| Altera | EPM570Z   | [MBGA256] (Jam)   | (1173) |
| Altera | EPM570Z   | [MBGA256] (SVF)   | (1173) |
| Altera | EPM7032   | [PLCC44]          | (67)   |
| Altera | EPM7032   | [PQFP44]          | (108)  |
| Altera | EPM7032   | [TQFP44]          | (94)   |
| Altera | EPM7032AE | (ISP)             | (138)  |
| Altera | EPM7032AE | (ISP-Jam)         | (138)  |
| Altera | EPM7032AE | (ISP-SVF)         | (138)  |
| Altera | EPM7032AE | [PLCC44]          | (67)   |
| Altera | EPM7032AE | [PLCC44] (Jam)    | (67)   |
| Altera | EPM7032AE | [PLCC44] (SVF)    | (67)   |
| Altera | EPM7032AE | [TQFP44]          | (94)   |
| Altera | EPM7032AE | [TQFP44] (Jam)    | (94)   |
| Altera | EPM7032AE | [TQFP44] (SVF)    | (94)   |
| Altera | EPM7032AE | as 7032S (ISP)    | (138)  |
| Altera | EPM7032AE | as 7032S [PLCC44] | (67)   |
| Altera | EPM7032AE | as 7032S [TQFP44] | (94)   |
| Altera | EPM7032B  | (ISP)             | (138)  |
| Altera | EPM7032B  | (ISP-Jam)         | (138)  |
| Altera | EPM7032B  | (ISP-SVF)         | (138)  |
| Altera | EPM7032B  | [PLCC44]          | (67)   |
| Altera | EPM7032B  | [PLCC44] (Jam)    | (67)   |
| Altera | EPM7032B  | [PLCC44] (SVF)    | (67)   |
| Altera | EPM7032B  | [TQFP44]          | (94)   |
| Altera | EPM7032B  | [TQFP44] (Jam)    | (94)   |
| Altera | EPM7032B  | [TQFP44] (SVF)    | (94)   |
| Altera | EPM7032B  | [TQFP48]          | (174)  |
| Altera | EPM7032B  | [TQFP48] (Jam)    | (174)  |
| Altera | EPM7032B  | [TQFP48] (SVF)    | (174)  |
| Altera | EPM7032B  | [UBGA49]          | (747)  |
| Altera | EPM7032B  | [UBGA49] (Jam)    | (747)  |
| Altera | EPM7032B  | [UBGA49] (SVF)    | (747)  |
| Altera | EPM7032S  | (ISP-Jam)         | (138)  |
| Altera | EPM7032S  | (ISP-SVF)         | (138)  |
| Altera | EPM7032S  | [PLCC44]          | (67)   |
| Altera | EPM7032S  | [PLCC44] (Jam)    | (67)   |

|        |           |           |           |        |
|--------|-----------|-----------|-----------|--------|
| Altera | EPM7032S  | [PLCC44]  | (SVF)     | (67)   |
| Altera | EPM7032S  | [TQFP44]  |           | (94)   |
| Altera | EPM7032S  | [TQFP44]  | (Jam)     | (94)   |
| Altera | EPM7032S  | [TQFP44]  | (SVF)     | (94)   |
| Altera | EPM7032S  | as 7032   | [PLCC44]  | (67)   |
| Altera | EPM7032S  | as 7032   | [TQFP44]  | (94)   |
| Altera | EPM7032V  | [PLCC44]  |           | (67)   |
| Altera | EPM7032V  | [TQFP44]  |           | (94)   |
| Altera | EPM7064   | [PLCC44]  |           | (67)   |
| Altera | EPM7064   | [PLCC68]  |           | (192)  |
| Altera | EPM7064   | [PLCC84]  |           | (88)   |
| Altera | EPM7064   | [TQFP44]  |           | (94)   |
| Altera | EPM7064AE | (ISP)     |           | (138)  |
| Altera | EPM7064AE | (ISP-Jam) |           | (138)  |
| Altera | EPM7064AE | (ISP-SVF) |           | (138)  |
| Altera | EPM7064AE | [FBGA100] |           | (871)  |
| Altera | EPM7064AE | [FBGA100] | (Jam)     | (871)  |
| Altera | EPM7064AE | [FBGA100] | (SVF)     | (871)  |
| Altera | EPM7064AE | [PLCC44]  |           | (67)   |
| Altera | EPM7064AE | [PLCC44]  | (Jam)     | (67)   |
| Altera | EPM7064AE | [PLCC44]  | (SVF)     | (67)   |
| Altera | EPM7064AE | [TQFP100] |           | (162)  |
| Altera | EPM7064AE | [TQFP100] | (Jam)     | (162)  |
| Altera | EPM7064AE | [TQFP100] | (SVF)     | (162)  |
| Altera | EPM7064AE | [TQFP44]  |           | (94)   |
| Altera | EPM7064AE | [TQFP44]  | (Jam)     | (94)   |
| Altera | EPM7064AE | [TQFP44]  | (SVF)     | (94)   |
| Altera | EPM7064AE | [UBGA49]  |           | (747)  |
| Altera | EPM7064AE | [UBGA49]  | (Jam)     | (747)  |
| Altera | EPM7064AE | [UBGA49]  | (SVF)     | (747)  |
| Altera | EPM7064AE | as 7064S  | (ISP)     | (138)  |
| Altera | EPM7064AE | as 7064S  | [PLCC44]  | (67)   |
| Altera | EPM7064AE | as 7064S  | [TQFP44]  | (94)   |
| Altera | EPM7064B  | (ISP)     |           | (138)  |
| Altera | EPM7064B  | (ISP-Jam) |           | (138)  |
| Altera | EPM7064B  | (ISP-SVF) |           | (138)  |
| Altera | EPM7064B  | [FBGA100] |           | (871)  |
| Altera | EPM7064B  | [FBGA100] | (Jam)     | (871)  |
| Altera | EPM7064B  | [FBGA100] | (SVF)     | (871)  |
| Altera | EPM7064B  | [PLCC44]  |           | (67)   |
| Altera | EPM7064B  | [PLCC44]  | (Jam)     | (67)   |
| Altera | EPM7064B  | [PLCC44]  | (SVF)     | (67)   |
| Altera | EPM7064B  | [TQFP100] |           | (162)  |
| Altera | EPM7064B  | [TQFP100] | (Jam)     | (162)  |
| Altera | EPM7064B  | [TQFP100] | (SVF)     | (162)  |
| Altera | EPM7064B  | [TQFP44]  |           | (94)   |
| Altera | EPM7064B  | [TQFP44]  | (Jam)     | (94)   |
| Altera | EPM7064B  | [TQFP44]  | (SVF)     | (94)   |
| Altera | EPM7064B  | [TQFP48]  |           | (174)  |
| Altera | EPM7064B  | [TQFP48]  | (Jam)     | (174)  |
| Altera | EPM7064B  | [TQFP48]  | (SVF)     | (174)  |
| Altera | EPM7064B  | [UBGA49]  |           | (747)  |
| Altera | EPM7064B  | [UBGA49]  | (Jam)     | (747)  |
| Altera | EPM7064B  | [UBGA49]  | (SVF)     | (747)  |
| Altera | EPM7064S  | (ISP-Jam) |           | (138)  |
| Altera | EPM7064S  | (ISP-SVF) |           | (138)  |
| Altera | EPM7064S  | [PLCC44]  |           | (67)   |
| Altera | EPM7064S  | [PLCC44]  | (Jam)     | (67)   |
| Altera | EPM7064S  | [PLCC44]  | (SVF)     | (67)   |
| Altera | EPM7064S  | [PLCC68]  |           | (192)  |
| Altera | EPM7064S  | [PLCC84]  |           | (88)   |
| Altera | EPM7064S  | [PLCC84]  | (Jam)     | (88)   |
| Altera | EPM7064S  | [PLCC84]  | (JTAG)    | (88)   |
| Altera | EPM7064S  | [PLCC84]  | (SVF)     | (88)   |
| Altera | EPM7064S  | [TQFP100] |           | (601)  |
| Altera | EPM7064S  | [TQFP100] | (Jam)     | (162)  |
| Altera | EPM7064S  | [TQFP100] | (SVF)     | (162)  |
| Altera | EPM7064S  | [TQFP44]  |           | (94)   |
| Altera | EPM7064S  | [TQFP44]  | (Jam)     | (94)   |
| Altera | EPM7064S  | [TQFP44]  | (SVF)     | (94)   |
| Altera | EPM7064S  | as 7064   | [PLCC44]  | (67)   |
| Altera | EPM7064S  | as 7064   | [PLCC68]  | (192)  |
| Altera | EPM7064S  | as 7064   | [PLCC84]  | (88)   |
| Altera | EPM7064S  | as 7064   | [TQFP100] | (601)  |
| Altera | EPM7064S  | as 7064   | [TQFP44]  | (94)   |
| Altera | EPM7096   | [PLCC68]  |           | (192)  |
| Altera | EPM7096   | [PLCC84]  |           | (88)   |
| Altera | EPM7096   | [PQFP100] |           | (557)  |
| Altera | EPM7128A  | (ISP-Jam) |           | (138)  |
| Altera | EPM7128A  | (ISP-SVF) |           | (138)  |
| Altera | EPM7128A  | [PLCC84]  |           | (470)  |
| Altera | EPM7128A  | [PLCC84]  | (Jam)     | (88)   |
| Altera | EPM7128A  | [PLCC84]  | (SVF)     | (88)   |
| Altera | EPM7128A  | [TQFP100] |           | (601)  |
| Altera | EPM7128A  | [TQFP100] | (Jam)     | (162)  |
| Altera | EPM7128A  | [TQFP100] | (SVF)     | (162)  |
| Altera | EPM7128A  | [TQFP144] | (Jam)     | (611)  |
| Altera | EPM7128A  | [TQFP144] | (SVF)     | (611)  |
| Altera | EPM7128AE | (ISP)     |           | (138)  |
| Altera | EPM7128AE | (ISP-Jam) |           | (138)  |
| Altera | EPM7128AE | (ISP-SVF) |           | (138)  |
| Altera | EPM7128AE | [FBGA100] |           | (871)  |
| Altera | EPM7128AE | [FBGA100] | (Jam)     | (871)  |
| Altera | EPM7128AE | [FBGA100] | (SVF)     | (871)  |
| Altera | EPM7128AE | [FBGA256] |           | (777)  |
| Altera | EPM7128AE | [FBGA256] | (Jam)     | (777)  |
| Altera | EPM7128AE | [FBGA256] | (SVF)     | (777)  |
| Altera | EPM7128AE | [PLCC84]  |           | (88)   |
| Altera | EPM7128AE | [PLCC84]  | (Jam)     | (88)   |
| Altera | EPM7128AE | [PLCC84]  | (SVF)     | (88)   |
| Altera | EPM7128AE | [TQFP100] |           | (162)  |
| Altera | EPM7128AE | [TQFP100] | (Jam)     | (162)  |
| Altera | EPM7128AE | [TQFP100] | (SVF)     | (162)  |
| Altera | EPM7128AE | [TQFP144] |           | (611)  |
| Altera | EPM7128AE | [TQFP144] | (Jam)     | (611)  |
| Altera | EPM7128AE | [TQFP144] | (SVF)     | (611)  |
| Altera | EPM7128AE | [UBGA169] |           | (1050) |
| Altera | EPM7128AE | [UBGA169] | (Jam)     | (1050) |
| Altera | EPM7128AE | [UBGA169] | (SVF)     | (1050) |
| Altera | EPM7128B  | (ISP)     |           | (138)  |
| Altera | EPM7128B  | (ISP-Jam) |           | (138)  |
| Altera | EPM7128B  | (ISP-SVF) |           | (138)  |
| Altera | EPM7128B  | [FBGA100] |           | (871)  |
| Altera | EPM7128B  | [FBGA100] | (Jam)     | (871)  |
| Altera | EPM7128B  | [FBGA100] | (SVF)     | (871)  |
| Altera | EPM7128B  | [FBGA256] |           | (777)  |
| Altera | EPM7128B  | [FBGA256] | (Jam)     | (777)  |
| Altera | EPM7128B  | [FBGA256] | (SVF)     | (777)  |
| Altera | EPM7128B  | [TQFP100] |           | (162)  |
| Altera | EPM7128B  | [TQFP100] | (Jam)     | (162)  |
| Altera | EPM7128B  | [TQFP100] | (SVF)     | (162)  |
| Altera | EPM7128B  | [TQFP144] |           | (611)  |
| Altera | EPM7128B  | [TQFP144] | (Jam)     | (611)  |
| Altera | EPM7128B  | [TQFP144] | (SVF)     | (611)  |
| Altera | EPM7128B  | [UBGA169] |           | (1050) |
| Altera | EPM7128B  | [UBGA169] | (Jam)     | (1050) |
| Altera | EPM7128B  | [UBGA169] | (SVF)     | (1050) |
| Altera | EPM7128B  | [UBGA49]  |           | (747)  |

|        |           |                    |              |
|--------|-----------|--------------------|--------------|
| Altera | EPM7128B  | [UBGA49] (Jam)     | (747)        |
| Altera | EPM7128B  | [UBGA49] (SVF)     | (747)        |
| Altera | EPM7128E  | [PLCC84]           | (470)        |
| Altera | EPM7128E  | [PQFP100]          | (743)        |
| Altera | EPM7128E  | as 7128 [PLCC84]   | (470)        |
| Altera | EPM7128S  | (ISP)              | (138) (9997) |
| Altera | EPM7128S  | (ISP-Jam)          | (138)        |
| Altera | EPM7128S  | (ISP-SVF)          | (138)        |
| Altera | EPM7128S  | [PLCC84]           | (470)        |
| Altera | EPM7128S  | [PLCC84] (Jam)     | (88)         |
| Altera | EPM7128S  | [PLCC84] (SVF)     | (88)         |
| Altera | EPM7128S  | [PQFP100]          | (743)        |
| Altera | EPM7128S  | [PQFP100] (Jam)    | (743)        |
| Altera | EPM7128S  | [PQFP100] (SVF)    | (743)        |
| Altera | EPM7128S  | [TQFP100]          | (601)        |
| Altera | EPM7128S  | [TQFP100] (Jam)    | (162)        |
| Altera | EPM7128S  | [TQFP100] (JTAG)   | (162)        |
| Altera | EPM7128S  | [TQFP100] (SVF)    | (162)        |
| Altera | EPM7128S  | as 7128E [PLCC84]  | (470) (9999) |
| Altera | EPM7128S  | as 7128E [PQFP100] | (743)        |
| Altera | EPM7128S  | as 7128E [TQFP100] | (601)        |
| Altera | EPM7160S  | (ISP-Jam)          | (138)        |
| Altera | EPM7160S  | (ISP-SVF)          | (138)        |
| Altera | EPM7160S  | [PLCC84] (Jam)     | (88)         |
| Altera | EPM7160S  | [PLCC84] (SVF)     | (88)         |
| Altera | EPM7160S  | [PQFP160]          | (2422)       |
| Altera | EPM7160S  | [PQFP160] (Jam)    | (2422)       |
| Altera | EPM7160S  | [PQFP160] (SVF)    | (2422)       |
| Altera | EPM7160S  | [TQFP100] (Jam)    | (162)        |
| Altera | EPM7160S  | [TQFP100] (SVF)    | (162)        |
| Altera | EPM7192S  | (ISP-Jam)          | (138)        |
| Altera | EPM7192S  | (ISP-SVF)          | (138)        |
| Altera | EPM7192S  | [PQFP160]          | (4316)       |
| Altera | EPM7192S  | [PQFP160] (Jam)    | (4316)       |
| Altera | EPM7192S  | [PQFP160] (SVF)    | (4316)       |
| Altera | EPM7256A  | (ISP-Jam)          | (138)        |
| Altera | EPM7256A  | (ISP-SVF)          | (138)        |
| Altera | EPM7256A  | [PQFP208] (Jam)    | (610)        |
| Altera | EPM7256A  | [PQFP208] (SVF)    | (610)        |
| Altera | EPM7256A  | [TQFP100] (Jam)    | (162)        |
| Altera | EPM7256A  | [TQFP100] (SVF)    | (162)        |
| Altera | EPM7256A  | [TQFP144] (Jam)    | (611)        |
| Altera | EPM7256A  | [TQFP144] (SVF)    | (611)        |
| Altera | EPM7256AE | (ISP)              | (138)        |
| Altera | EPM7256AE | (ISP-Jam)          | (138)        |
| Altera | EPM7256AE | (ISP-SVF)          | (138)        |
| Altera | EPM7256AE | [FBGA100]          | (871)        |
| Altera | EPM7256AE | [FBGA100] (Jam)    | (871)        |
| Altera | EPM7256AE | [FBGA100] (SVF)    | (871)        |
| Altera | EPM7256AE | [FBGA256]          | (777)        |
| Altera | EPM7256AE | [FBGA256] (Jam)    | (777)        |
| Altera | EPM7256AE | [FBGA256] (SVF)    | (777)        |
| Altera | EPM7256AE | [PQFP208]          | (610)        |
| Altera | EPM7256AE | [PQFP208] (Jam)    | (610)        |
| Altera | EPM7256AE | [PQFP208] (SVF)    | (610)        |
| Altera | EPM7256AE | [TQFP100]          | (162)        |
| Altera | EPM7256AE | [TQFP100] (Jam)    | (162)        |
| Altera | EPM7256AE | [TQFP100] (SVF)    | (162)        |
| Altera | EPM7256AE | [TQFP144]          | (611)        |
| Altera | EPM7256AE | [TQFP144] (Jam)    | (611)        |
| Altera | EPM7256AE | [TQFP144] (SVF)    | (611)        |
| Altera | EPM7256B  | (ISP)              | (138)        |
| Altera | EPM7256B  | (ISP-Jam)          | (138)        |
| Altera | EPM7256B  | (ISP-SVF)          | (138)        |
| Altera | EPM7256B  | [FBGA256]          | (777)        |
| Altera | EPM7256B  | [FBGA256] (Jam)    | (777)        |
| Altera | EPM7256B  | [FBGA256] (SVF)    | (777)        |
| Altera | EPM7256B  | [PQFP208]          | (610)        |
| Altera | EPM7256B  | [PQFP208] (Jam)    | (610)        |
| Altera | EPM7256B  | [PQFP208] (SVF)    | (610)        |
| Altera | EPM7256B  | [TQFP100]          | (162)        |
| Altera | EPM7256B  | [TQFP100] (Jam)    | (162)        |
| Altera | EPM7256B  | [TQFP100] (SVF)    | (162)        |
| Altera | EPM7256B  | [TQFP144]          | (611)        |
| Altera | EPM7256B  | [TQFP144] (Jam)    | (611)        |
| Altera | EPM7256B  | [TQFP144] (SVF)    | (611)        |
| Altera | EPM7256B  | [UBGA169]          | (1050)       |
| Altera | EPM7256B  | [UBGA169] (Jam)    | (1050)       |
| Altera | EPM7256B  | [UBGA169] (SVF)    | (1050)       |
| Altera | EPM7256S  | (ISP-Jam)          | (138)        |
| Altera | EPM7256S  | (ISP-SVF)          | (138)        |
| Altera | EPM7256S  | [PQFP208]          | (2134)       |
| Altera | EPM7256S  | [PQFP208] (Jam)    | (610)        |
| Altera | EPM7256S  | [RQFP208]          | (2134)       |
| Altera | EPM7256S  | [RQFP208] (Jam)    | (610)        |
| Altera | EPM7512AE | (ISP-Jam)          | (138)        |
| Altera | EPM7512AE | (ISP-SVF)          | (138)        |
| Altera | EPM7512AE | [FBGA256] (Jam)    | (777)        |
| Altera | EPM7512AE | [FBGA256] (SVF)    | (777)        |
| Altera | EPM7512AE | [PQFP208] (Jam)    | (610)        |
| Altera | EPM7512AE | [PQFP208] (SVF)    | (610)        |
| Altera | EPM7512AE | [TQFP144] (Jam)    | (611)        |
| Altera | EPM7512AE | [TQFP144] (SVF)    | (611)        |
| Altera | EPM7512B  | (ISP)              | (138)        |
| Altera | EPM7512B  | (ISP-Jam)          | (138)        |
| Altera | EPM7512B  | (ISP-SVF)          | (138)        |
| Altera | EPM7512B  | [FBGA256]          | (777)        |
| Altera | EPM7512B  | [FBGA256] (Jam)    | (777)        |
| Altera | EPM7512B  | [FBGA256] (SVF)    | (777)        |
| Altera | EPM7512B  | [PQFP208]          | (610)        |
| Altera | EPM7512B  | [PQFP208] (Jam)    | (610)        |
| Altera | EPM7512B  | [PQFP208] (SVF)    | (610)        |
| Altera | EPM7512B  | [TQFP144]          | (611)        |
| Altera | EPM7512B  | [TQFP144] (Jam)    | (611)        |
| Altera | EPM7512B  | [TQFP144] (SVF)    | (611)        |
| Altera | EPM7512B  | [UBGA169]          | (1050)       |
| Altera | EPM7512B  | [UBGA169] (Jam)    | (1050)       |
| Altera | EPM7512B  | [UBGA169] (SVF)    | (1050)       |
| Altera | EPM9320   | (ISP-Jam)          | (138)        |
| Altera | EPM9320   | (ISP-SVF)          | (138)        |
| Altera | EPM9320   | [PLCC84] (Jam)     | (1014)       |
| Altera | EPM9320   | [PLCC84] (SVF)     | (1014)       |
| Altera | EPM9320   | [RQFP208] (Jam)    | (1324)       |
| Altera | EPM9320   | [RQFP208] (SVF)    | (1324)       |
| Altera | EPM9320A  | (ISP-Jam)          | (138)        |
| Altera | EPM9320A  | (ISP-SVF)          | (138)        |
| Altera | EPM9320A  | [PLCC84] (Jam)     | (1014)       |
| Altera | EPM9320A  | [PLCC84] (SVF)     | (1014)       |
| Altera | EPM9320A  | [RQFP208] (Jam)    | (1324)       |
| Altera | EPM9320A  | [RQFP208] (SVF)    | (1324)       |
| Altera | EPM9400   | (ISP-Jam)          | (138)        |
| Altera | EPM9400   | (ISP-SVF)          | (138)        |
| Altera | EPM9400   | [RQFP208] (Jam)    | (1324)       |
| Altera | EPM9400   | [RQFP208] (SVF)    | (1324)       |
| Altera | EPM9480   | (ISP-Jam)          | (138)        |
| Altera | EPM9480   | (ISP-SVF)          | (138)        |
| Altera | EPM9480   | [RQFP208] (Jam)    | (1324)       |
| Altera | EPM9480   | [RQFP208] (SVF)    | (1324)       |

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|--------|--------------------------|-------------|
| Altera | EPM9560 (ISP-Jam)        | (138)       |
| Altera | EPM9560 (ISP-SVF)        | (138)       |
| Altera | EPM9560 [RQFP208] (Jam)  | (1324)      |
| Altera | EPM9560 [RQFP208] (SVF)  | (1324)      |
| Altera | EPM9560A (ISP-Jam)       | (138)       |
| Altera | EPM9560A (ISP-SVF)       | (138)       |
| Altera | EPM9560A [RQFP208] (Jam) | (1324)      |
| Altera | EPM9560A [RQFP208] (SVF) | (1324)      |
| Altera | JTAG chain (ISP-Jam)     | (138)       |
| Altera | JTAG chain (ISP-SVF)     | (138)       |
| Altera | MPM7128 [PQFP100]        | (743)       |
| Altera | MPM7128 [PQFP100] (Jam)  | (743)       |
| Altera | MPM7128 [PQFP100] (SVF)  | (743)       |
| AMD    | 2708                     | (2)         |
| AMD    | 8751H                    |             |
| AMD    | 87C51                    |             |
| AMD    | 87C521                   |             |
| AMD    | 87C52T2                  |             |
| AMD    | 87C541                   |             |
| AMD    | Am25FL005D (ISP)         | (138)       |
| AMD    | Am25FL005D [S08]         | (3095) (*1) |
| AMD    | Am25FL010D (ISP)         | (138)       |
| AMD    | Am25FL010D [S08]         | (3095) (*1) |
| AMD    | Am25FL020D (ISP)         | (138)       |
| AMD    | Am25FL020D [S08]         | (3095) (*1) |
| AMD    | Am2708                   | (2)         |
| AMD    | Am27128                  |             |
| AMD    | Am27128A                 |             |
| AMD    | Am27128A [PLCC32]        | (59)        |
| AMD    | Am2716                   |             |
| AMD    | Am2716B                  |             |
| AMD    | Am2716B [LCC32]          | (561)       |
| AMD    | Am27256                  |             |
| AMD    | Am27256 [PLCC32]         | (59)        |
| AMD    | Am27256HV                |             |
| AMD    | Am2732                   |             |
| AMD    | Am2732A                  |             |
| AMD    | Am2732B                  |             |
| AMD    | Am2732B [LCC32]          | (561)       |
| AMD    | Am27512                  |             |
| AMD    | Am27512 [PLCC32]         | (59)        |
| AMD    | Am27512HV                |             |
| AMD    | Am2764                   |             |
| AMD    | Am2764A                  |             |
| AMD    | Am2764A [PLCC32]         | (59)        |
| AMD    | Am27C010                 |             |
| AMD    | Am27C010 [PLCC32]        | (59)        |
| AMD    | Am27C020                 |             |
| AMD    | Am27C020 [PLCC32]        | (59)        |
| AMD    | Am27C040                 |             |
| AMD    | Am27C040 [PLCC32]        | (59)        |
| AMD    | Am27C080                 |             |
| AMD    | Am27C080 [PLCC32]        | (59)        |
| AMD    | Am27C100                 |             |
| AMD    | Am27C1024                |             |
| AMD    | Am27C1024 [PLCC44]       | (67)        |
| AMD    | Am27C128                 |             |
| AMD    | Am27C128 [PLCC32]        | (59)        |
| AMD    | Am27C191C                |             |
| AMD    | Am27C191C [LCC28]        | (633)       |
| AMD    | Am27C191C [PLCC28]       | (48)        |
| AMD    | Am27C2048                |             |
| AMD    | Am27C2048 [PLCC44]       | (67)        |
| AMD    | Am27C256                 |             |
| AMD    | Am27C256 [PLCC32]        | (59)        |
| AMD    | Am27C291C                |             |
| AMD    | Am27C400                 |             |
| AMD    | Am27C400 [PLCC44]        | (67)        |
| AMD    | Am27C4096                |             |
| AMD    | Am27C4096 [PLCC44]       | (67)        |
| AMD    | Am27C512                 |             |
| AMD    | Am27C512 [PLCC32]        | (59)        |
| AMD    | Am27C512L                |             |
| AMD    | Am27C512L [PLCC32]       | (59)        |
| AMD    | Am27C64                  |             |
| AMD    | Am27C64 [LCC32]          | (561)       |
| AMD    | Am27C64 [PLCC32]         | (59)        |
| AMD    | Am27C800                 |             |
| AMD    | Am27C800 [PLCC44]        | (67)        |
| AMD    | Am27H010                 |             |
| AMD    | Am27H010 [PLCC32]        | (59)        |
| AMD    | Am27H256                 |             |
| AMD    | Am27H256 [PLCC32]        | (59)        |
| AMD    | Am27HB010                |             |
| AMD    | Am27HB010 [PLCC32]       | (59)        |
| AMD    | Am27LV010                |             |
| AMD    | Am27LV010 [PLCC32]       | (59)        |
| AMD    | Am27LV010 [TSOP32]       | (655)       |
| AMD    | Am27LV010B               |             |
| AMD    | Am27LV010B [PLCC32]      | (59)        |
| AMD    | Am27LV010B [TSOP32]      | (655)       |
| AMD    | Am27LV020                |             |
| AMD    | Am27LV020 [PLCC32]       | (59)        |
| AMD    | Am27LV020 [TSOP32]       | (655)       |
| AMD    | Am27LV020B               |             |
| AMD    | Am27LV020B [PLCC32]      | (59)        |
| AMD    | Am27LV020B [TSOP32]      | (655)       |
| AMD    | Am27P256                 |             |
| AMD    | Am27S12                  |             |
| AMD    | Am27S13                  |             |
| AMD    | Am27S13 [PLCC20]         | (47)        |
| AMD    | Am27S18                  |             |
| AMD    | Am27S180                 |             |
| AMD    | Am27S181                 |             |
| AMD    | Am27S181 [PLCC28]        | (48)        |
| AMD    | Am27S184                 |             |
| AMD    | Am27S185                 |             |
| AMD    | Am27S19                  |             |
| AMD    | Am27S19 [PLCC20]         | (47)        |
| AMD    | Am27S190                 |             |
| AMD    | Am27S191                 |             |
| AMD    | Am27S191 [PLCC28]        | (48)        |
| AMD    | Am27S20                  |             |
| AMD    | Am27S21                  |             |
| AMD    | Am27S21 [PLCC20]         | (47)        |
| AMD    | Am27S28                  |             |
| AMD    | Am27S280                 |             |
| AMD    | Am27S281                 |             |
| AMD    | Am27S29                  |             |
| AMD    | Am27S290                 |             |
| AMD    | Am27S291                 |             |
| AMD    | Am27S31                  |             |
| AMD    | Am27S32                  |             |
| AMD    | Am27S33                  |             |
| AMD    | Am27S33 [PLCC20]         | (47)        |
| AMD    | Am27S40                  |             |
| AMD    | Am27S41                  |             |
| AMD    | Am27S43                  |             |

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|-----|------------------|------------|--------|
| AMD | Am27S43          | [PLCC32]   | (59)   |
| AMD | Am27S45          |            |        |
| AMD | Am27S45          | [PLCC32]   | (59)   |
| AMD | Am27S49          |            |        |
| AMD | Am2817A          |            |        |
| AMD | Am2864AE         |            |        |
| AMD | Am2864B          |            |        |
| AMD | Am2864BE         |            |        |
| AMD | Am28F010         |            |        |
| AMD | Am28F010         | [PLCC32]   | (1399) |
| AMD | Am28F010         | [R-TSOP32] | (1415) |
| AMD | Am28F010         | [TSOP32]   | (1414) |
| AMD | Am28F010A        |            |        |
| AMD | Am28F010A        | [PLCC32]   | (1399) |
| AMD | Am28F010A        | [R-TSOP32] | (1415) |
| AMD | Am28F010A        | [TSOP32]   | (1414) |
| AMD | Am28F020         |            |        |
| AMD | Am28F020         | [PLCC32]   | (1399) |
| AMD | Am28F020         | [R-TSOP32] | (1415) |
| AMD | Am28F020         | [TSOP32]   | (1414) |
| AMD | Am28F020A        |            |        |
| AMD | Am28F020A        | [PLCC32]   | (1399) |
| AMD | Am28F020A        | [R-TSOP32] | (1415) |
| AMD | Am28F020A        | [TSOP32]   | (1414) |
| AMD | Am28F256         |            |        |
| AMD | Am28F256         | [PLCC32]   | (1399) |
| AMD | Am28F256         | [R-TSOP32] | (1415) |
| AMD | Am28F256         | [TSOP32]   | (1414) |
| AMD | Am28F256A        |            |        |
| AMD | Am28F256A        | [PLCC32]   | (1399) |
| AMD | Am28F256A        | [R-TSOP32] | (1415) |
| AMD | Am28F256A        | [TSOP32]   | (1414) |
| AMD | Am28F512         |            |        |
| AMD | Am28F512         | [PLCC32]   | (1399) |
| AMD | Am28F512         | [R-TSOP32] | (1415) |
| AMD | Am28F512         | [TSOP32]   | (1414) |
| AMD | Am28F512A        |            |        |
| AMD | Am28F512A        | [PLCC32]   | (1399) |
| AMD | Am28F512A        | [R-TSOP32] | (1415) |
| AMD | Am28F512A        | [TSOP32]   | (1414) |
| AMD | Am29BDD160GB     | [PQFP80]   | (792)  |
| AMD | Am29BDD160GT     | [PQFP80]   | (792)  |
| AMD | Am29BDS128HxxV   | [FBGA80]   | (823)  |
| AMD | Am29BDS640GBx3   | [FBGA80]   | (826)  |
| AMD | Am29BDS640GBx4   | [FBGA80]   | (826)  |
| AMD | Am29BDS640GBx8   | [FBGA80]   | (826)  |
| AMD | Am29BDS640GBx9   | [FBGA80]   | (826)  |
| AMD | Am29BDS640GTx3   | [FBGA80]   | (826)  |
| AMD | Am29BDS640GTx4   | [FBGA80]   | (826)  |
| AMD | Am29BDS640GTx8   | [FBGA80]   | (826)  |
| AMD | Am29BDS640GTx9   | [FBGA80]   | (826)  |
| AMD | Am29BDS640HxxVM  | [FBGA64]   | (825)  |
| AMD | Am29BDS643GTxxVA | [FBGA44]   | (723)  |
| AMD | Am29BL162CB      | [SSOP56]   | (74)   |
| AMD | Am29BL802CB      | [SSOP56]   | (74)   |
| AMD | Am29DL161DB      | [TSOP48]   | (1346) |
| AMD | Am29DL161DBxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL161DBxxVR  | [VFBGA48]  | (959)  |
| AMD | Am29DL161DBxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL161DT      | [TSOP48]   | (1346) |
| AMD | Am29DL161DTxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL161DTxxVR  | [VFBGA48]  | (959)  |
| AMD | Am29DL161DTxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL162CB      | [TSOP48]   | (1346) |
| AMD | Am29DL162CBxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL162CT      | [TSOP48]   | (1346) |
| AMD | Am29DL162CTxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL162DB      | [TSOP48]   | (1346) |
| AMD | Am29DL162DBxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL162DBxxVR  | [VFBGA48]  | (959)  |
| AMD | Am29DL162DBxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL162DT      | [TSOP48]   | (1346) |
| AMD | Am29DL162DTxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL162DTxxVR  | [VFBGA48]  | (959)  |
| AMD | Am29DL162DTxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL163CB      | [TSOP48]   | (1346) |
| AMD | Am29DL163CBxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL163CT      | [TSOP48]   | (1346) |
| AMD | Am29DL163CTxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL163DB      | [TSOP48]   | (1346) |
| AMD | Am29DL163DBxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL163DBxxVR  | [VFBGA48]  | (959)  |
| AMD | Am29DL163DBxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL163DT      | [TSOP48]   | (1346) |
| AMD | Am29DL163DTxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL163DTxxVR  | [VFBGA48]  | (959)  |
| AMD | Am29DL163DTxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL164CBxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL164CTxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL164DB      | [TSOP48]   | (1346) |
| AMD | Am29DL164DBxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL164DBxxVR  | [VFBGA48]  | (959)  |
| AMD | Am29DL164DBxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL164DT      | [TSOP48]   | (1346) |
| AMD | Am29DL164DTxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL164DTxxVR  | [VFBGA48]  | (959)  |
| AMD | Am29DL164DTxxWC  | [FBGA48]   | (983)  |
| AMD | Am29DL320GB      | [TSOP48]   | (1346) |
| AMD | Am29DL320GBxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL320GBxxWD  | [FBGA63]   | (999)  |
| AMD | Am29DL320GBxxWM  | [FBGA48]   | (839)  |
| AMD | Am29DL320GT      | [TSOP48]   | (1346) |
| AMD | Am29DL320GTxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL320GTxxWD  | [FBGA63]   | (999)  |
| AMD | Am29DL320GTxxWM  | [FBGA48]   | (839)  |
| AMD | Am29DL321CB      | [TSOP48]   | (1346) |
| AMD | Am29DL321CT      | [TSOP48]   | (1346) |
| AMD | Am29DL322CB      | [TSOP48]   | (1346) |
| AMD | Am29DL322CT      | [TSOP48]   | (1346) |
| AMD | Am29DL322DB      | [TSOP48]   | (1346) |
| AMD | Am29DL322DT      | [TSOP48]   | (1346) |
| AMD | Am29DL322GB      | [TSOP48]   | (1346) |
| AMD | Am29DL322GBxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL322GT      | [TSOP48]   | (1346) |
| AMD | Am29DL322GTxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL323CB      | [TSOP48]   | (1346) |
| AMD | Am29DL323CT      | [TSOP48]   | (1346) |
| AMD | Am29DL323DB      | [FBGA63]   | (999)  |
| AMD | Am29DL323DB      | [TSOP48]   | (1346) |
| AMD | Am29DL323DT      | [FBGA63]   | (999)  |
| AMD | Am29DL323DT      | [TSOP48]   | (1346) |
| AMD | Am29DL323GB      | [TSOP48]   | (1346) |
| AMD | Am29DL323GBxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL323GBxxWD  | [FBGA63]   | (999)  |
| AMD | Am29DL323GT      | [TSOP48]   | (1346) |
| AMD | Am29DL323GTxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL323GTxxWD  | [FBGA63]   | (999)  |
| AMD | Am29DL324CB      | [TSOP48]   | (1346) |



|     |                 |            |        |
|-----|-----------------|------------|--------|
| AMD | Am29DL324CT     | [TSOP48]   | (1346) |
| AMD | Am29DL324DB     | [TSOP48]   | (1346) |
| AMD | Am29DL324DT     | [TSOP48]   | (1346) |
| AMD | Am29DL324GB     | [TSOP48]   | (1346) |
| AMD | Am29DL324GBxxPC | [BGA64]    | (922)  |
| AMD | Am29DL324GT     | [TSOP48]   | (1346) |
| AMD | Am29DL324GTxxPC | [BGA64]    | (922)  |
| AMD | Am29DL400BB     | [PSOP44]   | (1356) |
| AMD | Am29DL400BB     | [R-TSOP48] | (1352) |
| AMD | Am29DL400BB     | [TSOP48]   | (1346) |
| AMD | Am29DL400BT     | [PSOP44]   | (1356) |
| AMD | Am29DL400BT     | [R-TSOP48] | (1352) |
| AMD | Am29DL400BT     | [TSOP48]   | (1346) |
| AMD | Am29DL640D      | [TSOP48]   | (1346) |
| AMD | Am29DL640G      | [TSOP48]   | (1346) |
| AMD | Am29DL640GxxPC  | [BGA64]    | (922)  |
| AMD | Am29DL640GxxWH  | [FBGA63]   | (3081) |
| AMD | Am29DL640H      | [TSOP48]   | (1346) |
| AMD | Am29DL640HxxWH  | [FBGA63]   | (3081) |
| AMD | Am29DL642GxxMD  | [FBGA63]   | (831)  |
| AMD | Am29DL800BB     | [FBGA48]   | (536)  |
| AMD | Am29DL800BB     | [PSOP44]   | (1356) |
| AMD | Am29DL800BB     | [R-TSOP48] | (1352) |
| AMD | Am29DL800BB     | [TSOP48]   | (1346) |
| AMD | Am29DL800BT     | [FBGA48]   | (536)  |
| AMD | Am29DL800BT     | [PSOP44]   | (1356) |
| AMD | Am29DL800BT     | [R-TSOP48] | (1352) |
| AMD | Am29DL800BT     | [TSOP48]   | (1346) |
| AMD | Am29DS163DBxxWA | [FBGA48]   | (959)  |
| AMD | Am29DS163DTxxWA | [FBGA48]   | (959)  |
| AMD | Am29DS323DBxxXE | [TSOP48]   | (1346) |
| AMD | Am29DS323DBxxWM | [FBGA48]   | (839)  |
| AMD | Am29DS323DTxxXE | [TSOP48]   | (1346) |
| AMD | Am29DS323DTxxWM | [FBGA48]   | (839)  |
| AMD | Am29F002B       |            |        |
| AMD | Am29F002B       | [PLCC32]   | (1399) |
| AMD | Am29F002B       | [TSOP32]   | (1414) |
| AMD | Am29F002BB      |            |        |
| AMD | Am29F002BB      | [PLCC32]   | (1399) |
| AMD | Am29F002BB      | [TSOP32]   | (1414) |
| AMD | Am29F002BT      |            |        |
| AMD | Am29F002BT      | [PLCC32]   | (1399) |
| AMD | Am29F002BT      | [TSOP32]   | (1414) |
| AMD | Am29F002NB      |            |        |
| AMD | Am29F002NB      | [PLCC32]   | (1399) |
| AMD | Am29F002NB      | [TSOP32]   | (1414) |
| AMD | Am29F002NBB     |            |        |
| AMD | Am29F002NBB     | [PLCC32]   | (1399) |
| AMD | Am29F002NBB     | [TSOP32]   | (1415) |
| AMD | Am29F002NBT     |            |        |
| AMD | Am29F002NBT     | [PLCC32]   | (1399) |
| AMD | Am29F002NBT     | [TSOP32]   | (1415) |
| AMD | Am29F002NT      |            |        |
| AMD | Am29F002NT      | [PLCC32]   | (1399) |
| AMD | Am29F002NT      | [TSOP32]   | (1414) |
| AMD | Am29F002T       |            |        |
| AMD | Am29F002T       | [PLCC32]   | (1399) |
| AMD | Am29F002T       | [TSOP32]   | (1414) |
| AMD | Am29F004BB      | [PLCC32]   | (1384) |
| AMD | Am29F004BT      | [PLCC32]   | (1384) |
| AMD | Am29F010        |            |        |
| AMD | Am29F010        | [PLCC32]   | (1399) |
| AMD | Am29F010        | [R-TSOP32] | (1415) |
| AMD | Am29F010        | [TSOP32]   | (1414) |
| AMD | Am29F010A       | [PLCC32]   | (1399) |
| AMD | Am29F010A       | [R-TSOP32] | (1415) |
| AMD | Am29F010A       | [TSOP32]   | (1414) |
| AMD | Am29F010B       |            |        |
| AMD | Am29F010B       | [PLCC32]   | (1399) |
| AMD | Am29F010B       | [R-TSOP32] | (1415) |
| AMD | Am29F010B       | [TSOP32]   | (1414) |
| AMD | Am29F016        | [PSOP44]   | (1357) |
| AMD | Am29F016        | [R-TSOP48] | (1354) |
| AMD | Am29F016        | [TSOP48]   | (1350) |
| AMD | Am29F016B       | [PSOP44]   | (1357) |
| AMD | Am29F016B       | [R-TSOP40] | (1374) |
| AMD | Am29F016B       | [R-TSOP48] | (1354) |
| AMD | Am29F016B       | [TSOP40]   | (1369) |
| AMD | Am29F016B       | [TSOP48]   | (1350) |
| AMD | Am29F016D       | [PSOP44]   | (1357) |
| AMD | Am29F016D       | [R-TSOP40] | (1374) |
| AMD | Am29F016D       | [R-TSOP48] | (1354) |
| AMD | Am29F016D       | [TSOP40]   | (1369) |
| AMD | Am29F016D       | [TSOP48]   | (1350) |
| AMD | Am29F017B       | [R-TSOP48] | (1354) |
| AMD | Am29F017B       | [TSOP48]   | (1350) |
| AMD | Am29F017D       | [R-TSOP40] | (1374) |
| AMD | Am29F017D       | [R-TSOP48] | (1354) |
| AMD | Am29F017D       | [TSOP40]   | (1369) |
| AMD | Am29F017D       | [TSOP48]   | (1350) |
| AMD | Am29F032B       | [PSOP44]   | (1357) |
| AMD | Am29F032B       | [R-TSOP40] | (1374) |
| AMD | Am29F032B       | [TSOP40]   | (1369) |
| AMD | Am29F040        |            |        |
| AMD | Am29F040        | [PLCC32]   | (1384) |
| AMD | Am29F040        | [TSOP32]   | (1381) |
| AMD | Am29F040B       |            |        |
| AMD | Am29F040B       | [PLCC32]   | (1384) |
| AMD | Am29F040B       | [R-TSOP32] | (1383) |
| AMD | Am29F040B       | [TSOP32]   | (1381) |
| AMD | Am29F080        | [PSOP44]   | (1357) |
| AMD | Am29F080        | [R-TSOP40] | (1374) |
| AMD | Am29F080        | [TSOP40]   | (1369) |
| AMD | Am29F080B       | [PSOP44]   | (1357) |
| AMD | Am29F080B       | [R-TSOP40] | (1374) |
| AMD | Am29F080B       | [TSOP40]   | (1369) |
| AMD | Am29F100B       | [PSOP44]   | (1356) |
| AMD | Am29F100B       | [R-TSOP48] | (1352) |
| AMD | Am29F100B       | [TSOP48]   | (1346) |
| AMD | Am29F100T       | [PSOP44]   | (1356) |
| AMD | Am29F100T       | [R-TSOP48] | (1352) |
| AMD | Am29F100T       | [TSOP48]   | (1346) |
| AMD | Am29F160DB      | [R-TSOP48] | (1352) |
| AMD | Am29F160DB      | [TSOP48]   | (1346) |
| AMD | Am29F160DT      | [R-TSOP48] | (1352) |
| AMD | Am29F160DT      | [TSOP48]   | (1346) |
| AMD | Am29F200AB      | [PSOP44]   | (1356) |
| AMD | Am29F200AB      | [R-TSOP48] | (1352) |
| AMD | Am29F200AB      | [TSOP48]   | (1346) |
| AMD | Am29F200AT      | [PSOP44]   | (1356) |
| AMD | Am29F200AT      | [R-TSOP48] | (1352) |
| AMD | Am29F200AT      | [TSOP48]   | (1346) |
| AMD | Am29F200B       | [PSOP44]   | (1356) |
| AMD | Am29F200B       | [R-TSOP48] | (1352) |
| AMD | Am29F200B       | [TSOP48]   | (1346) |
| AMD | Am29F200BB      | [PSOP44]   | (1356) |
| AMD | Am29F200BB      | [R-TSOP48] | (1352) |
| AMD | Am29F200BB      | [TSOP48]   | (1346) |

|     |                  |            |        |
|-----|------------------|------------|--------|
| AMD | Am29F200BT       | [PSOP44]   | (1356) |
| AMD | Am29F200BT       | [R-TSOP48] | (1352) |
| AMD | Am29F200BT       | [TSOP48]   | (1346) |
| AMD | Am29F200T        | [PSOP44]   | (1356) |
| AMD | Am29F200T        | [R-TSOP48] | (1352) |
| AMD | Am29F200T        | [TSOP48]   | (1346) |
| AMD | Am29F400AB       | [PSOP44]   | (1356) |
| AMD | Am29F400AB       | [R-TSOP48] | (1352) |
| AMD | Am29F400AB       | [TSOP48]   | (1346) |
| AMD | Am29F400AT       | [PSOP44]   | (1356) |
| AMD | Am29F400AT       | [R-TSOP48] | (1352) |
| AMD | Am29F400AT       | [TSOP48]   | (1346) |
| AMD | Am29F400B        | [PSOP44]   | (1356) |
| AMD | Am29F400B        | [R-TSOP48] | (1352) |
| AMD | Am29F400B        | [TSOP48]   | (1346) |
| AMD | Am29F400BB       | [PSOP44]   | (1356) |
| AMD | Am29F400BB       | [R-TSOP48] | (1352) |
| AMD | Am29F400BB       | [TSOP48]   | (1346) |
| AMD | Am29F400BT       | [PSOP44]   | (1356) |
| AMD | Am29F400BT       | [R-TSOP48] | (1352) |
| AMD | Am29F400BT       | [TSOP48]   | (1346) |
| AMD | Am29F400T        | [PSOP44]   | (1356) |
| AMD | Am29F400T        | [R-TSOP48] | (1352) |
| AMD | Am29F400T        | [TSOP48]   | (1346) |
| AMD | Am29F800B        | [PSOP44]   | (1356) |
| AMD | Am29F800B        | [R-TSOP48] | (1352) |
| AMD | Am29F800B        | [TSOP48]   | (1346) |
| AMD | Am29F800BB       | [FBGA48]   | (536)  |
| AMD | Am29F800BB       | [PSOP44]   | (1356) |
| AMD | Am29F800BB       | [R-TSOP48] | (1352) |
| AMD | Am29F800BB       | [TSOP48]   | (1346) |
| AMD | Am29F800BT       | [FBGA48]   | (536)  |
| AMD | Am29F800BT       | [PSOP44]   | (1356) |
| AMD | Am29F800BT       | [R-TSOP48] | (1352) |
| AMD | Am29F800BT       | [TSOP48]   | (1346) |
| AMD | Am29F800T        | [PSOP44]   | (1356) |
| AMD | Am29F800T        | [R-TSOP48] | (1352) |
| AMD | Am29F800T        | [TSOP48]   | (1346) |
| AMD | Am29LV001BB      | [PLCC32]   | (1399) |
| AMD | Am29LV001BB      | [R-TSOP32] | (1415) |
| AMD | Am29LV001BB      | [TSOP32]   | (1414) |
| AMD | Am29LV001BT      | [PLCC32]   | (1399) |
| AMD | Am29LV001BT      | [R-TSOP32] | (1415) |
| AMD | Am29LV001BT      | [TSOP32]   | (1414) |
| AMD | Am29LV002B       | [R-TSOP40] | (1373) |
| AMD | Am29LV002B       | [TSOP40]   | (1368) |
| AMD | Am29LV002BB      | [R-TSOP40] | (1373) |
| AMD | Am29LV002BB      | [TSOP40]   | (1368) |
| AMD | Am29LV002BT      | [R-TSOP40] | (1373) |
| AMD | Am29LV002BT      | [TSOP40]   | (1368) |
| AMD | Am29LV002T       | [R-TSOP40] | (1373) |
| AMD | Am29LV002T       | [TSOP40]   | (1368) |
| AMD | Am29LV004B       | [R-TSOP40] | (1373) |
| AMD | Am29LV004B       | [TSOP40]   | (1368) |
| AMD | Am29LV004BB      | [R-TSOP40] | (1373) |
| AMD | Am29LV004BB      | [TSOP40]   | (1368) |
| AMD | Am29LV004BT      | [R-TSOP40] | (1373) |
| AMD | Am29LV004BT      | [TSOP40]   | (1368) |
| AMD | Am29LV004T       | [R-TSOP40] | (1373) |
| AMD | Am29LV004T       | [TSOP40]   | (1368) |
| AMD | Am29LV008B       | [R-TSOP40] | (1373) |
| AMD | Am29LV008B       | [TSOP40]   | (1368) |
| AMD | Am29LV008BB      | [R-TSOP40] | (1373) |
| AMD | Am29LV008BB      | [TSOP40]   | (1368) |
| AMD | Am29LV008BT      | [R-TSOP40] | (1373) |
| AMD | Am29LV008BT      | [TSOP40]   | (1368) |
| AMD | Am29LV008T       | [R-TSOP40] | (1373) |
| AMD | Am29LV008T       | [TSOP40]   | (1368) |
| AMD | Am29LV010B       | [PLCC32]   | (1399) |
| AMD | Am29LV010B       | [TSOP32]   | (1414) |
| AMD | Am29LV017B       | [R-TSOP40] | (1373) |
| AMD | Am29LV017B       | [TSOP40]   | (1368) |
| AMD | Am29LV017BxxWC   | [FBGA48]   | (983)  |
| AMD | Am29LV017D       | [R-TSOP40] | (1373) |
| AMD | Am29LV017D       | [TSOP40]   | (1368) |
| AMD | Am29LV017DxxWC   | [FBGA48]   | (983)  |
| AMD | Am29LV017M       | [R-TSOP40] | (1373) |
| AMD | Am29LV017M       | [TSOP40]   | (1368) |
| AMD | Am29LV017MxxWA   | [FBGA48]   | (959)  |
| AMD | Am29LV033C       | [R-TSOP40] | (1373) |
| AMD | Am29LV033C       | [TSOP40]   | (1368) |
| AMD | Am29LV040B       | [PLCC32]   | (1384) |
| AMD | Am29LV040B       | [R-TSOP32] | (1383) |
| AMD | Am29LV040B       | [TSOP32]   | (1381) |
| AMD | Am29LV065DU      | [R-TSOP48] | (1353) |
| AMD | Am29LV065DU      | [TSOP48]   | (1349) |
| AMD | Am29LV065DUXxxWH | [FBGA63]   | (663)  |
| AMD | Am29LV065MU      | [R-TSOP48] | (1353) |
| AMD | Am29LV065MU      | [TSOP48]   | (1349) |
| AMD | Am29LV081        | [R-TSOP40] | (1373) |
| AMD | Am29LV081        | [TSOP40]   | (1368) |
| AMD | Am29LV081B       | [R-TSOP40] | (1373) |
| AMD | Am29LV081B       | [TSOP40]   | (1368) |
| AMD | Am29LV116BB      | [R-TSOP40] | (1373) |
| AMD | Am29LV116BB      | [TSOP40]   | (1368) |
| AMD | Am29LV116BT      | [R-TSOP40] | (1373) |
| AMD | Am29LV116BT      | [TSOP40]   | (1368) |
| AMD | Am29LV116DB      | [R-TSOP40] | (1373) |
| AMD | Am29LV116DB      | [TSOP40]   | (1368) |
| AMD | Am29LV116DT      | [R-TSOP40] | (1373) |
| AMD | Am29LV116DT      | [TSOP40]   | (1368) |
| AMD | Am29LV128MH      | [FBGA64]   | (938)  |
| AMD | Am29LV128MH      | [TSOP56]   | (3080) |
| AMD | Am29LV128ML      | [FBGA64]   | (938)  |
| AMD | Am29LV128ML      | [TSOP56]   | (3080) |
| AMD | Am29LV160BB      | [PSOP44]   | (1356) |
| AMD | Am29LV160BB      | [R-TSOP48] | (1352) |
| AMD | Am29LV160BB      | [TSOP48]   | (1346) |
| AMD | Am29LV160BBxxWC  | [FBGA48]   | (983)  |
| AMD | Am29LV160BT      | [PSOP44]   | (1356) |
| AMD | Am29LV160BT      | [R-TSOP48] | (1352) |
| AMD | Am29LV160BT      | [TSOP48]   | (1346) |
| AMD | Am29LV160BTxxWC  | [FBGA48]   | (983)  |
| AMD | Am29LV160DB      | [PSOP44]   | (1356) |
| AMD | Am29LV160DB      | [R-TSOP48] | (1352) |
| AMD | Am29LV160DB      | [TSOP48]   | (1346) |
| AMD | Am29LV160DBxxWC  | [FBGA48]   | (983)  |
| AMD | Am29LV160DT      | [PSOP44]   | (1356) |
| AMD | Am29LV160DT      | [R-TSOP48] | (1352) |
| AMD | Am29LV160DT      | [TSOP48]   | (1346) |
| AMD | Am29LV160DTxxWC  | [FBGA48]   | (983)  |
| AMD | Am29LV160MB      | [R-TSOP48] | (1352) |
| AMD | Am29LV160MB      | [TSOP48]   | (1346) |
| AMD | Am29LV160MBxxxPC | [BGA64]    | (922)  |
| AMD | Am29LV160MBxxxWA | [FBGA48]   | (959)  |
| AMD | Am29LV160MT      | [R-TSOP48] | (1352) |
| AMD | Am29LV160MT      | [TSOP48]   | (1346) |
| AMD | Am29LV160MTxxxPC | [BGA64]    | (922)  |

|     |                            |        |
|-----|----------------------------|--------|
| AMD | Am29LV160MTxxxWA [FBGA48]  | (959)  |
| AMD | Am29LV200B [PSOP44]        | (1356) |
| AMD | Am29LV200B [R-TSOP48]      | (1352) |
| AMD | Am29LV200B [TSOP48]        | (1346) |
| AMD | Am29LV200BB [FBGA48]       | (959)  |
| AMD | Am29LV200BB [PSOP44]       | (1356) |
| AMD | Am29LV200BB [R-TSOP48]     | (1352) |
| AMD | Am29LV200BB [TSOP48]       | (1346) |
| AMD | Am29LV200BT [FBGA48]       | (959)  |
| AMD | Am29LV200BT [PSOP44]       | (1356) |
| AMD | Am29LV200BT [R-TSOP48]     | (1352) |
| AMD | Am29LV200BT [TSOP48]       | (1346) |
| AMD | Am29LV200T [PSOP44]        | (1356) |
| AMD | Am29LV200T [R-TSOP48]      | (1352) |
| AMD | Am29LV200T [TSOP48]        | (1346) |
| AMD | Am29LV256MH [FBGA64]       | (1021) |
| AMD | Am29LV256MH [TSOP56]       | (3080) |
| AMD | Am29LV256ML [FBGA64]       | (1021) |
| AMD | Am29LV256ML [TSOP56]       | (3080) |
| AMD | Am29LV320DB [TSOP48]       | (1346) |
| AMD | Am29LV320DBxxWM [FBGA48]   | (839)  |
| AMD | Am29LV320DT [TSOP48]       | (1346) |
| AMD | Am29LV320DTxxWM [FBGA48]   | (839)  |
| AMD | Am29LV320MB [TSOP48]       | (1346) |
| AMD | Am29LV320MBxxxPC [BGA64]   | (922)  |
| AMD | Am29LV320MBxxxWC [FBGA48]  | (983)  |
| AMD | Am29LV320MH [FBGA64]       | (938)  |
| AMD | Am29LV320MH [TSOP56]       | (3080) |
| AMD | Am29LV320ML [FBGA64]       | (938)  |
| AMD | Am29LV320ML [TSOP56]       | (3080) |
| AMD | Am29LV320MT [TSOP48]       | (1346) |
| AMD | Am29LV320MTxxxPC [BGA64]   | (922)  |
| AMD | Am29LV320MTxxxWC [FBGA48]  | (983)  |
| AMD | Am29LV400B [FBGA48]        | (763)  |
| AMD | Am29LV400B [PSOP44]        | (1356) |
| AMD | Am29LV400B [R-TSOP48]      | (1352) |
| AMD | Am29LV400B [TSOP48]        | (1346) |
| AMD | Am29LV400BB [FBGA48]       | (959)  |
| AMD | Am29LV400BB [PSOP44]       | (1356) |
| AMD | Am29LV400BB [R-TSOP48]     | (1352) |
| AMD | Am29LV400BB [TSOP48]       | (1346) |
| AMD | Am29LV400BT [FBGA48]       | (959)  |
| AMD | Am29LV400BT [PSOP44]       | (1356) |
| AMD | Am29LV400BT [R-TSOP48]     | (1352) |
| AMD | Am29LV400BT [TSOP48]       | (1346) |
| AMD | Am29LV400T [FBGA48]        | (763)  |
| AMD | Am29LV400T [PSOP44]        | (1356) |
| AMD | Am29LV400T [R-TSOP48]      | (1352) |
| AMD | Am29LV400T [TSOP48]        | (1346) |
| AMD | Am29LV640DUXxPC [BGA64]    | (922)  |
| AMD | Am29LV640DUXxWH [FBGA63]   | (3081) |
| AMD | Am29LV640GUXxPC [BGA64]    | (933)  |
| AMD | Am29LV640MB [TSOP48]       | (1346) |
| AMD | Am29LV640MBxxxPC [BGA64]   | (922)  |
| AMD | Am29LV640MH [FBGA64]       | (938)  |
| AMD | Am29LV640MH [TSOP56]       | (3080) |
| AMD | Am29LV640ML [FBGA64]       | (938)  |
| AMD | Am29LV640ML [TSOP56]       | (3080) |
| AMD | Am29LV640MT [TSOP48]       | (1346) |
| AMD | Am29LV640MTxxxPC [BGA64]   | (922)  |
| AMD | Am29LV640MU [FBGA63]       | (3081) |
| AMD | Am29LV640MU [FBGA64]       | (922)  |
| AMD | Am29LV641DH [R-TSOP48]     | (1352) |
| AMD | Am29LV641DH [TSOP48]       | (1346) |
| AMD | Am29LV641DL [R-TSOP48]     | (1352) |
| AMD | Am29LV641DL [TSOP48]       | (1346) |
| AMD | Am29LV641GH [R-TSOP48]     | (1352) |
| AMD | Am29LV641GH [TSOP48]       | (1346) |
| AMD | Am29LV641GHxPC [BGA64]     | (933)  |
| AMD | Am29LV641GL [R-TSOP48]     | (1352) |
| AMD | Am29LV641GL [TSOP48]       | (1346) |
| AMD | Am29LV641GLxPC [BGA64]     | (933)  |
| AMD | Am29LV641MH [R-TSOP48]     | (1352) |
| AMD | Am29LV641MH [TSOP48]       | (1346) |
| AMD | Am29LV641ML [R-TSOP48]     | (1352) |
| AMD | Am29LV641ML [TSOP48]       | (1346) |
| AMD | Am29LV652DUXxxMA [FBGA63]  | (831)  |
| AMD | Am29LV800B [PSOP44]        | (1356) |
| AMD | Am29LV800B [R-TSOP48]      | (1352) |
| AMD | Am29LV800B [TSOP48]        | (1346) |
| AMD | Am29LV800BB [FBGA48]       | (536)  |
| AMD | Am29LV800BB [PSOP44]       | (1356) |
| AMD | Am29LV800BB [R-TSOP48]     | (1352) |
| AMD | Am29LV800BB [TSOP48]       | (1346) |
| AMD | Am29LV800BT [FBGA48]       | (536)  |
| AMD | Am29LV800BT [PSOP44]       | (1356) |
| AMD | Am29LV800BT [R-TSOP48]     | (1352) |
| AMD | Am29LV800BT [TSOP48]       | (1346) |
| AMD | Am29LV800DB [PSOP44]       | (1356) |
| AMD | Am29LV800DB [R-TSOP48]     | (1352) |
| AMD | Am29LV800DB [TSOP48]       | (1346) |
| AMD | Am29LV800DBxxWB [FBGA48]   | (536)  |
| AMD | Am29LV800DBxxWC [FBGA48]   | (959)  |
| AMD | Am29LV800DT [PSOP44]       | (1356) |
| AMD | Am29LV800DT [R-TSOP48]     | (1352) |
| AMD | Am29LV800DT [TSOP48]       | (1346) |
| AMD | Am29LV800DTxxWB [FBGA48]   | (536)  |
| AMD | Am29LV800DTxxWC [FBGA48]   | (959)  |
| AMD | Am29LV800T [PSOP44]        | (1356) |
| AMD | Am29LV800T [R-TSOP48]      | (1352) |
| AMD | Am29LV800T [TSOP48]        | (1346) |
| AMD | Am29N323DTxxxWK [FBGA47]   | (818)  |
| AMD | Am29N643HTxxxVA [FBGA44]   | (723)  |
| AMD | Am29PDL127HxxVK [FBGA80]   | (832)  |
| AMD | Am29PDL129HxxVK [FBGA80]   | (833)  |
| AMD | Am29PDL640GxxWH [FBGA63]   | (3081) |
| AMD | Am29PDL640GxxWS [FBGA80]   | (830)  |
| AMD | Am29PDS322DBxxWM [FBGA48]  | (839)  |
| AMD | Am29PDS322DTxxWM [FBGA48]  | (839)  |
| AMD | Am29PL160CB [PSOP44]       | (1356) |
| AMD | Am29PL160CB [R-PSOP44]     | (1360) |
| AMD | Am29PL160CB [TSOP48]       | (1348) |
| AMD | Am29PL320DB [FBGA84] (x16) | (1283) |
| AMD | Am29PL320DT [FBGA84] (x16) | (1283) |
| AMD | Am29SL160CB [FBGA48]       | (983)  |
| AMD | Am29SL160CB [TSOP48]       | (1346) |
| AMD | Am29SL160CT [FBGA48]       | (983)  |
| AMD | Am29SL160CT [TSOP48]       | (1346) |
| AMD | Am29SL400CB [TSOP48]       | (1346) |
| AMD | Am29SL400CT [TSOP48]       | (1346) |
| AMD | Am29SL400DBxxWA [FBGA48]   | (959)  |
| AMD | Am29SL400DTxxWA [FBGA48]   | (959)  |
| AMD | Am29SL800CB [FBGA48]       | (536)  |
| AMD | Am29SL800CB [R-TSOP48]     | (1352) |
| AMD | Am29SL800CB [TSOP48]       | (1346) |
| AMD | Am29SL800CT [FBGA48]       | (536)  |
| AMD | Am29SL800CT [R-TSOP48]     | (1352) |
| AMD | Am29SL800CT [TSOP48]       | (1346) |

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|-----|--------------------------|--------|
| AMD | Am29SL800DB [R-TSOP48]   | (1352) |
| AMD | Am29SL800DB [TSOP48]     | (1346) |
| AMD | Am29SL800DBxxVG [FBGA48] | (622)  |
| AMD | Am29SL800DBxxWA [FBGA48] | (959)  |
| AMD | Am29SL800DBxxWC [FBGA48] | (983)  |
| AMD | Am29SL800DT [R-TSOP48]   | (1352) |
| AMD | Am29SL800DT [TSOP48]     | (1346) |
| AMD | Am29SL800DTxxVG [FBGA48] | (622)  |
| AMD | Am29SL800DTxxVU [FBGA48] | (959)  |
| AMD | Am29SL800DTxxWA [FBGA48] | (959)  |
| AMD | Am29SL800DTxxWC [FBGA48] | (983)  |
| AMD | Am41DL1614DB [FBGA69]    | (514)  |
| AMD | Am41DL1614DT [FBGA69]    | (514)  |
| AMD | Am41DL1624DB [FBGA69]    | (514)  |
| AMD | Am41DL1624DT [FBGA69]    | (514)  |
| AMD | Am41DL1634DB [FBGA69]    | (514)  |
| AMD | Am41DL1634DT [FBGA69]    | (514)  |
| AMD | Am41DL1644DB [FBGA69]    | (514)  |
| AMD | Am41DL1644DT [FBGA69]    | (514)  |
| AMD | Am41DL3208GB [FBGA73]    | (513)  |
| AMD | Am41DL3208GT [FBGA73]    | (513)  |
| AMD | Am41DL3224GB [FBGA73]    | (513)  |
| AMD | Am41DL3224GT [FBGA73]    | (513)  |
| AMD | Am41DL3228GB [FBGA73]    | (513)  |
| AMD | Am41DL3228GT [FBGA73]    | (513)  |
| AMD | Am41DL3234GB [FBGA73]    | (513)  |
| AMD | Am41DL3234GT [FBGA73]    | (513)  |
| AMD | Am41DL3238GB [FBGA73]    | (513)  |
| AMD | Am41DL3238GT [FBGA73]    | (513)  |
| AMD | Am41DL3244GB [FBGA73]    | (513)  |
| AMD | Am41DL3244GT [FBGA73]    | (513)  |
| AMD | Am41DL3248GB [FBGA73]    | (513)  |
| AMD | Am41DL3248GT [FBGA73]    | (513)  |
| AMD | Am41DL6408G [FBGA73]     | (513)  |
| AMD | Am41DL6408H [FBGA73]     | (513)  |
| AMD | Am41LV3204MB [FBGA69]    | (604)  |
| AMD | Am41LV3204MT [FBGA69]    | (604)  |
| AMD | Am42DL1612DB [FBGA69]    | (514)  |
| AMD | Am42DL1612DT [FBGA69]    | (514)  |
| AMD | Am42DL1614DB [FBGA69]    | (514)  |
| AMD | Am42DL1614DT [FBGA69]    | (514)  |
| AMD | Am42DL1622DB [FBGA69]    | (514)  |
| AMD | Am42DL1622DT [FBGA69]    | (514)  |
| AMD | Am42DL1624DB [FBGA69]    | (514)  |
| AMD | Am42DL1624DT [FBGA69]    | (514)  |
| AMD | Am42DL1632DB [FBGA69]    | (514)  |
| AMD | Am42DL1632DT [FBGA69]    | (514)  |
| AMD | Am42DL1634DB [FBGA69]    | (514)  |
| AMD | Am42DL1634DT [FBGA69]    | (514)  |
| AMD | Am42DL1642DB [FBGA69]    | (514)  |
| AMD | Am42DL1642DT [FBGA69]    | (514)  |
| AMD | Am42DL1644DB [FBGA69]    | (514)  |
| AMD | Am42DL1644DT [FBGA69]    | (514)  |
| AMD | Am42DL3224GB [FBGA73]    | (513)  |
| AMD | Am42DL3224GT [FBGA73]    | (513)  |
| AMD | Am42DL3228GB [FBGA73]    | (513)  |
| AMD | Am42DL3228GT [FBGA73]    | (513)  |
| AMD | Am42DL3234GB [FBGA73]    | (513)  |
| AMD | Am42DL3234GT [FBGA73]    | (513)  |
| AMD | Am42DL3238GB [FBGA73]    | (513)  |
| AMD | Am42DL3238GT [FBGA73]    | (513)  |
| AMD | Am42DL3244GB [FBGA73]    | (513)  |
| AMD | Am42DL3244GT [FBGA73]    | (513)  |
| AMD | Am42DL3248GB [FBGA73]    | (513)  |
| AMD | Am42DL3248GT [FBGA73]    | (513)  |
| AMD | Am42DL6402G [FBGA73]     | (513)  |
| AMD | Am42DL6404G [FBGA73]     | (513)  |
| AMD | Am42DL640AG [FBGA73]     | (513)  |
| AMD | Am42DL640AH [FBGA73]     | (513)  |
| AMD | Am45DL3208GB [FBGA73]    | (513)  |
| AMD | Am45DL3208GT [FBGA73]    | (513)  |
| AMD | Am45DL3228GB [FBGA73]    | (513)  |
| AMD | Am45DL3228GT [FBGA73]    | (513)  |
| AMD | Am45DL3238GB [FBGA73]    | (513)  |
| AMD | Am45DL3238GT [FBGA73]    | (513)  |
| AMD | Am45DL3248GB [FBGA73]    | (513)  |
| AMD | Am45DL3248GT [FBGA73]    | (513)  |
| AMD | Am45DL6408G [FBGA73]     | (513)  |
| AMD | Am49DL3208GB [FBGA73]    | (513)  |
| AMD | Am49DL3208GT [FBGA73]    | (513)  |
| AMD | Am49DL3228GB [FBGA73]    | (513)  |
| AMD | Am49DL3228GT [FBGA73]    | (513)  |
| AMD | Am49DL3238GB [FBGA73]    | (513)  |
| AMD | Am49DL3238GT [FBGA73]    | (513)  |
| AMD | Am49DL3248GB [FBGA73]    | (513)  |
| AMD | Am49DL3248GT [FBGA73]    | (513)  |
| AMD | Am49DL6408H [FBGA73]     | (513)  |
| AMD | Am49DL640AG [FBGA73]     | (513)  |
| AMD | Am49DL640AH [FBGA73]     | (513)  |
| AMD | Am49DL640BG [FBGA73]     | (513)  |
| AMD | Am49DL640BH [FBGA73]     | (513)  |
| AMD | Am49PDL127BH [FBGA73]    | (513)  |
| AMD | Am50DL128BG [FBGA73]     | (513)  |
| AMD | Am50DL128BH [FBGA73]     | (513)  |
| AMD | Am8048                   |        |
| AMD | Am8049                   |        |
| AMD | Am9708                   | (2)    |
| AMD | Am9716                   |        |
| AMD | Am9732                   |        |
| AMD | Am9732A                  |        |
| AMD | Am9764                   |        |
| AMD | AmPAL16H8                |        |
| AMD | AmPAL16H8 [PLCC20]       | (47)   |
| AMD | AmPAL16H8A               |        |
| AMD | AmPAL16H8A [PLCC20]      | (47)   |
| AMD | AmPAL16H8L               |        |
| AMD | AmPAL16H8L [PLCC20]      | (47)   |
| AMD | AmPAL16HD8               |        |
| AMD | AmPAL16HD8 [PLCC20]      | (47)   |
| AMD | AmPAL16HD8A              |        |
| AMD | AmPAL16HD8A [PLCC20]     | (47)   |
| AMD | AmPAL16HD8L              |        |
| AMD | AmPAL16HD8L [PLCC20]     | (47)   |
| AMD | AmPAL16L8                |        |
| AMD | AmPAL16L8 [PLCC20]       | (47)   |
| AMD | AmPAL16L8A               |        |
| AMD | AmPAL16L8A [PLCC20]      | (47)   |
| AMD | AmPAL16L8AL              |        |
| AMD | AmPAL16L8AL [PLCC20]     | (47)   |
| AMD | AmPAL16L8B               |        |
| AMD | AmPAL16L8B [PLCC20]      | (47)   |
| AMD | AmPAL16L8L               |        |
| AMD | AmPAL16L8L [PLCC20]      | (47)   |
| AMD | AmPAL16L8Q               |        |
| AMD | AmPAL16L8Q [PLCC20]      | (47)   |
| AMD | AmPAL16LD8               |        |
| AMD | AmPAL16LD8 [PLCC20]      | (47)   |
| AMD | AmPAL16LD8A              |        |

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| AMD | AmpPAL16LD8A [PLCC20]     | (47)   |
| AMD | AmpPAL16LD8L              |        |
| AMD | AmpPAL16LD8L [PLCC20]     | (47)   |
| AMD | AmpPAL16R4                |        |
| AMD | AmpPAL16R4 [PLCC20]       | (47)   |
| AMD | AmpPAL16R4A               |        |
| AMD | AmpPAL16R4A [PLCC20]      | (47)   |
| AMD | AmpPAL16R4AL              |        |
| AMD | AmpPAL16R4AL [PLCC20]     | (47)   |
| AMD | AmpPAL16R4B               |        |
| AMD | AmpPAL16R4B [PLCC20]      | (47)   |
| AMD | AmpPAL16R4L               |        |
| AMD | AmpPAL16R4L [PLCC20]      | (47)   |
| AMD | AmpPAL16R4Q               |        |
| AMD | AmpPAL16R4Q [PLCC20]      | (47)   |
| AMD | AmpPAL16R6                |        |
| AMD | AmpPAL16R6 [PLCC20]       | (47)   |
| AMD | AmpPAL16R6A               |        |
| AMD | AmpPAL16R6A [PLCC20]      | (47)   |
| AMD | AmpPAL16R6AL              |        |
| AMD | AmpPAL16R6AL [PLCC20]     | (47)   |
| AMD | AmpPAL16R6B               |        |
| AMD | AmpPAL16R6B [PLCC20]      | (47)   |
| AMD | AmpPAL16R6L               |        |
| AMD | AmpPAL16R6L [PLCC20]      | (47)   |
| AMD | AmpPAL16R6Q               |        |
| AMD | AmpPAL16R6Q [PLCC20]      | (47)   |
| AMD | AmpPAL16R8                |        |
| AMD | AmpPAL16R8 [PLCC20]       | (47)   |
| AMD | AmpPAL16R8A               |        |
| AMD | AmpPAL16R8A [PLCC20]      | (47)   |
| AMD | AmpPAL16R8AL              |        |
| AMD | AmpPAL16R8AL [PLCC20]     | (47)   |
| AMD | AmpPAL16R8B               |        |
| AMD | AmpPAL16R8B [PLCC20]      | (47)   |
| AMD | AmpPAL16R8L               |        |
| AMD | AmpPAL16R8L [PLCC20]      | (47)   |
| AMD | AmpPAL16R8Q               |        |
| AMD | AmpPAL16R8Q [PLCC20]      | (47)   |
| AMD | AmpPAL22V10               |        |
| AMD | AmpPAL22V10 [LCC28]       | (633)  |
| AMD | AmpPAL22V10 [PLCC28]      | (48)   |
| AMD | AmpPAL22V10A              |        |
| AMD | AmpPAL22V10A [LCC28]      | (633)  |
| AMD | AmpPAL22V10A [PLCC28]     | (48)   |
| AMD | B58601 [PSOP44]           | (1356) |
| AMD | B58755 [PSOP44]           | (1356) |
| AMD | B58791 [PSOP44]           | (1356) |
| AMD | DS41300                   |        |
| AMD | DS42516 [FBGA73]          | (513)  |
| AMD | DS42553 [FBGA73]          | (513)  |
| AMD | DS42578 [FBGA73]          | (513)  |
| AMD | DS42585 [FBGA73]          | (513)  |
| AMD | M4-128/64 (ISP)           | (138)  |
| AMD | M4-128/64 [PQFP100]       | (2636) |
| AMD | M4-128/64 [TQFP100]       | (1507) |
| AMD | M4-128N/64 [PLCC84]       | (90)   |
| AMD | M4-96/48 (ISP)            | (138)  |
| AMD | M4-96/48 [TQFP100]        | (1507) |
| AMD | M4LV-128/64 (ISP)         | (138)  |
| AMD | M4LV-128/64 [PQFP100]     | (2636) |
| AMD | M4LV-128/64 [TQFP100]     | (1507) |
| AMD | M4LV-128N/64 [PLCC84]     | (90)   |
| AMD | M4LV-96/48 (ISP)          | (138)  |
| AMD | M4LV-96/48 [TQFP100]      | (1507) |
| AMD | MACH110 [PLCC44]          | (67)   |
| AMD | MACH111 [PLCC44]          | (67)   |
| AMD | MACH111 [TQFP44]          | (94)   |
| AMD | MACH111SP (ISP)           | (138)  |
| AMD | MACH111SP [PLCC44]        | (67)   |
| AMD | MACH111SP [TQFP44]        | (94)   |
| AMD | MACH130 [PLCC84]          | (90)   |
| AMD | MACH131 [PLCC84]          | (90)   |
| AMD | MACH131-xxxx/1 [PLCC84]   | (90)   |
| AMD | MACH210 [PLCC44]          | (67)   |
| AMD | MACH210 [TQFP44]          | (94)   |
| AMD | MACH210A [PLCC44]         | (67)   |
| AMD | MACH210A [TQFP44]         | (94)   |
| AMD | MACH210AQ [PLCC44]        | (67)   |
| AMD | MACH210AQ [TQFP44]        | (94)   |
| AMD | MACH211 [PLCC44]          | (67)   |
| AMD | MACH211 [TQFP44]          | (94)   |
| AMD | MACH211SP (ISP)           | (138)  |
| AMD | MACH211SP [PLCC44]        | (67)   |
| AMD | MACH211SP [TQFP44]        | (94)   |
| AMD | MACH215 [PLCC44]          | (67)   |
| AMD | MACH221 [PLCC68]          | (4825) |
| AMD | MACH231 [PLCC84]          | (90)   |
| AMD | MACH231xx-xxxx/1 [PLCC84] | (90)   |
| AMD | MACH435 [PLCC84]          | (90)   |
| AMD | MACH436 [PLCC84]          | (90)   |
| AMD | MACH446 (ISP)             | (138)  |
| AMD | MACH446 [PQFP100]         | (2636) |
| AMD | MACH446 [TQFP100]         | (1507) |
| AMD | MACHLV210 [PLCC44]        | (67)   |
| AMD | MACHLV436 [PLCC84]        | (90)   |
| AMD | MACHLV446 (ISP)           | (138)  |
| AMD | MACHLV446 [PQFP100]       | (2636) |
| AMD | MACHLV446 [TQFP100]       | (1507) |
| AMD | MBM29PL12LM [FBGA80]      | (1296) |
| AMD | MBM29PL12LM [TSOP56]      | (3080) |
| AMD | MBM29PL64LM [FBGA80]      | (1317) |
| AMD | MBM29PL64LM [TSOP48]      | (1346) |
| AMD | MBM29PL64LM [TSOP56]      | (3080) |
| AMD | PAL10H8                   |        |
| AMD | PAL10H8 [PLCC20]          | (47)   |
| AMD | PAL10H8-2                 |        |
| AMD | PAL10H8-2 [PLCC20]        | (47)   |
| AMD | PAL10L8                   |        |
| AMD | PAL10L8 [PLCC20]          | (47)   |
| AMD | PAL10L8-2                 |        |
| AMD | PAL10L8-2 [PLCC20]        | (47)   |
| AMD | PAL12H6                   |        |
| AMD | PAL12H6 [PLCC20]          | (47)   |
| AMD | PAL12H6-2                 |        |
| AMD | PAL12H6-2 [PLCC20]        | (47)   |
| AMD | PAL12L10                  |        |
| AMD | PAL12L10 [PLCC28]         | (48)   |
| AMD | PAL12L6                   |        |
| AMD | PAL12L6 [PLCC20]          | (47)   |
| AMD | PAL12L6-2                 |        |
| AMD | PAL12L6-2 [PLCC20]        | (47)   |
| AMD | PAL14H4                   |        |
| AMD | PAL14H4 [PLCC20]          | (47)   |
| AMD | PAL14H4-2                 |        |
| AMD | PAL14H4-2 [PLCC20]        | (47)   |
| AMD | PAL14L4                   |        |
| AMD | PAL14L4 [PLCC20]          | (47)   |

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|-----|----------------------|-------|
| AMD | PAL14L4-2            |       |
| AMD | PAL14L4-2 [PLCC20]   | (47)  |
| AMD | PAL14L8              |       |
| AMD | PAL14L8 [PLCC28]     | (48)  |
| AMD | PAL16A4              |       |
| AMD | PAL16A4 [PLCC20]     | (47)  |
| AMD | PAL16C1              |       |
| AMD | PAL16C1 [PLCC20]     | (47)  |
| AMD | PAL16C1-2            |       |
| AMD | PAL16C1-2 [PLCC20]   | (47)  |
| AMD | PAL16H2              |       |
| AMD | PAL16H2 [PLCC20]     | (47)  |
| AMD | PAL16H2-2            |       |
| AMD | PAL16H2-2 [PLCC20]   | (47)  |
| AMD | PAL16L2              |       |
| AMD | PAL16L2 [PLCC20]     | (47)  |
| AMD | PAL16L2-2            |       |
| AMD | PAL16L2-2 [PLCC20]   | (47)  |
| AMD | PAL16L6              |       |
| AMD | PAL16L6 [PLCC28]     | (48)  |
| AMD | PAL16L8              |       |
| AMD | PAL16L8 [PLCC20]     | (47)  |
| AMD | PAL16L8-4 [PLCC28]   | (684) |
| AMD | PAL16L8-5 [PLCC20]   | (47)  |
| AMD | PAL16L8-7            |       |
| AMD | PAL16L8-7 [PLCC20]   | (47)  |
| AMD | PAL16L8A             |       |
| AMD | PAL16L8A [PLCC20]    | (47)  |
| AMD | PAL16L8A-2           |       |
| AMD | PAL16L8A-2 [PLCC20]  | (47)  |
| AMD | PAL16L8A-4           |       |
| AMD | PAL16L8A-4 [PLCC20]  | (47)  |
| AMD | PAL16L8B             |       |
| AMD | PAL16L8B [PLCC20]    | (47)  |
| AMD | PAL16L8B-2           |       |
| AMD | PAL16L8B-2 [PLCC20]  | (47)  |
| AMD | PAL16L8B-4           |       |
| AMD | PAL16L8B-4 [PLCC20]  | (47)  |
| AMD | PAL16L8D             |       |
| AMD | PAL16L8D [PLCC20]    | (47)  |
| AMD | PAL16L8D/2           |       |
| AMD | PAL16L8D/2 [PLCC20]  | (47)  |
| AMD | PAL16L8H-10          |       |
| AMD | PAL16L8H-10 [PLCC20] | (47)  |
| AMD | PAL16L8H-15          |       |
| AMD | PAL16L8H-15 [PLCC20] | (47)  |
| AMD | PAL16R4              |       |
| AMD | PAL16R4 [PLCC20]     | (47)  |
| AMD | PAL16R4-4 [PLCC28]   | (684) |
| AMD | PAL16R4-5 [PLCC20]   | (47)  |
| AMD | PAL16R4-7            |       |
| AMD | PAL16R4-7 [PLCC20]   | (47)  |
| AMD | PAL16R4A             |       |
| AMD | PAL16R4A [PLCC20]    | (47)  |
| AMD | PAL16R4A-2           |       |
| AMD | PAL16R4A-2 [PLCC20]  | (47)  |
| AMD | PAL16R4A-4           |       |
| AMD | PAL16R4A-4 [PLCC20]  | (47)  |
| AMD | PAL16R4B             |       |
| AMD | PAL16R4B [PLCC20]    | (47)  |
| AMD | PAL16R4B-2           |       |
| AMD | PAL16R4B-2 [PLCC20]  | (47)  |
| AMD | PAL16R4B-4           |       |
| AMD | PAL16R4B-4 [PLCC20]  | (47)  |
| AMD | PAL16R4D             |       |
| AMD | PAL16R4D [PLCC20]    | (47)  |
| AMD | PAL16R4D/2           |       |
| AMD | PAL16R4D/2 [PLCC20]  | (47)  |
| AMD | PAL16R4H-10          |       |
| AMD | PAL16R4H-10 [PLCC20] | (47)  |
| AMD | PAL16R4H-15          |       |
| AMD | PAL16R4H-15 [PLCC20] | (47)  |
| AMD | PAL16R6              |       |
| AMD | PAL16R6 [PLCC20]     | (47)  |
| AMD | PAL16R6-4 [PLCC28]   | (684) |
| AMD | PAL16R6-5 [PLCC20]   | (47)  |
| AMD | PAL16R6-7            |       |
| AMD | PAL16R6-7 [PLCC20]   | (47)  |
| AMD | PAL16R6A             |       |
| AMD | PAL16R6A [PLCC20]    | (47)  |
| AMD | PAL16R6A-2           |       |
| AMD | PAL16R6A-2 [PLCC20]  | (47)  |
| AMD | PAL16R6A-4           |       |
| AMD | PAL16R6A-4 [PLCC20]  | (47)  |
| AMD | PAL16R6B             |       |
| AMD | PAL16R6B [PLCC20]    | (47)  |
| AMD | PAL16R6B-2           |       |
| AMD | PAL16R6B-2 [PLCC20]  | (47)  |
| AMD | PAL16R6B-4           |       |
| AMD | PAL16R6B-4 [PLCC20]  | (47)  |
| AMD | PAL16R6D             |       |
| AMD | PAL16R6D [PLCC20]    | (47)  |
| AMD | PAL16R6D/2           |       |
| AMD | PAL16R6D/2 [PLCC20]  | (47)  |
| AMD | PAL16R6H-10          |       |
| AMD | PAL16R6H-10 [PLCC20] | (47)  |
| AMD | PAL16R6H-15          |       |
| AMD | PAL16R6H-15 [PLCC20] | (47)  |
| AMD | PAL16R8              |       |
| AMD | PAL16R8 [PLCC20]     | (47)  |
| AMD | PAL16R8-4 [PLCC28]   | (684) |
| AMD | PAL16R8-5 [PLCC20]   | (47)  |
| AMD | PAL16R8-7            |       |
| AMD | PAL16R8-7 [PLCC20]   | (47)  |
| AMD | PAL16R8A             |       |
| AMD | PAL16R8A [PLCC20]    | (47)  |
| AMD | PAL16R8A-2           |       |
| AMD | PAL16R8A-2 [PLCC20]  | (47)  |
| AMD | PAL16R8A-4           |       |
| AMD | PAL16R8A-4 [PLCC20]  | (47)  |
| AMD | PAL16R8B             |       |
| AMD | PAL16R8B [PLCC20]    | (47)  |
| AMD | PAL16R8B-2           |       |
| AMD | PAL16R8B-2 [PLCC20]  | (47)  |
| AMD | PAL16R8B-4           |       |
| AMD | PAL16R8B-4 [PLCC20]  | (47)  |
| AMD | PAL16R8D             |       |
| AMD | PAL16R8D [PLCC20]    | (47)  |
| AMD | PAL16R8D/2           |       |
| AMD | PAL16R8D/2 [PLCC20]  | (47)  |
| AMD | PAL16R8H-10          |       |
| AMD | PAL16R8H-10 [PLCC20] | (47)  |
| AMD | PAL16R8H-15          |       |
| AMD | PAL16R8H-15 [PLCC20] | (47)  |
| AMD | PAL16X4              |       |
| AMD | PAL16X4 [PLCC20]     | (47)  |
| AMD | PAL18L4              |       |
| AMD | PAL18L4 [PLCC28]     | (48)  |

|     |                        |       |
|-----|------------------------|-------|
| AMD | PAL20C1                |       |
| AMD | PAL20C1 [PLCC28]       | (48)  |
| AMD | PAL20L10               |       |
| AMD | PAL20L10 [PLCC28]      | (48)  |
| AMD | PAL20L10A              |       |
| AMD | PAL20L10A [PLCC28]     | (48)  |
| AMD | PAL20L2                |       |
| AMD | PAL20L2 [PLCC28]       | (48)  |
| AMD | PAL20L8-10             |       |
| AMD | PAL20L8-10 [PLCC28]    | (48)  |
| AMD | PAL20L8-10/2           |       |
| AMD | PAL20L8-10/2 [PLCC28]  | (48)  |
| AMD | PAL20L8-5              |       |
| AMD | PAL20L8-5 [PLCC28]     | (48)  |
| AMD | PAL20L8-7              |       |
| AMD | PAL20L8-7 [PLCC28]     | (48)  |
| AMD | PAL20L8A               |       |
| AMD | PAL20L8A [PLCC28]      | (48)  |
| AMD | PAL20L8A-2             |       |
| AMD | PAL20L8A-2 [PLCC28]    | (48)  |
| AMD | PAL20L8B               |       |
| AMD | PAL20L8B-2             |       |
| AMD | PAL20L8B-2xFN [PLCC28] | (48)  |
| AMD | PAL20L8B-2xNL [PLCC28] | (48)  |
| AMD | PAL20L8BXFN [PLCC28]   | (48)  |
| AMD | PAL20L8BXNL [PLCC28]   | (48)  |
| AMD | PAL20R4-10             |       |
| AMD | PAL20R4-10 [PLCC28]    | (48)  |
| AMD | PAL20R4-10/2           |       |
| AMD | PAL20R4-10/2 [PLCC28]  | (48)  |
| AMD | PAL20R4-5              |       |
| AMD | PAL20R4-5 [PLCC28]     | (48)  |
| AMD | PAL20R4-7              |       |
| AMD | PAL20R4-7 [PLCC28]     | (48)  |
| AMD | PAL20R4A               |       |
| AMD | PAL20R4A [PLCC28]      | (48)  |
| AMD | PAL20R4A-2             |       |
| AMD | PAL20R4A-2 [PLCC28]    | (48)  |
| AMD | PAL20R4B               |       |
| AMD | PAL20R4B-2             |       |
| AMD | PAL20R4B-2xFN [PLCC28] | (48)  |
| AMD | PAL20R4B-2xNL [PLCC28] | (48)  |
| AMD | PAL20R4BXFN [PLCC28]   | (48)  |
| AMD | PAL20R4BXNL [PLCC28]   | (48)  |
| AMD | PAL20R6-10             |       |
| AMD | PAL20R6-10 [PLCC28]    | (48)  |
| AMD | PAL20R6-10/2           |       |
| AMD | PAL20R6-10/2 [PLCC28]  | (48)  |
| AMD | PAL20R6-5              |       |
| AMD | PAL20R6-5 [PLCC28]     | (48)  |
| AMD | PAL20R6-7              |       |
| AMD | PAL20R6-7 [PLCC28]     | (48)  |
| AMD | PAL20R6A               |       |
| AMD | PAL20R6A [PLCC28]      | (48)  |
| AMD | PAL20R6A-2             |       |
| AMD | PAL20R6A-2 [PLCC28]    | (48)  |
| AMD | PAL20R6B               |       |
| AMD | PAL20R6B-2             |       |
| AMD | PAL20R6B-2xFN [PLCC28] | (48)  |
| AMD | PAL20R6B-2xNL [PLCC28] | (48)  |
| AMD | PAL20R6BXFN [PLCC28]   | (48)  |
| AMD | PAL20R6BXNL [PLCC28]   | (48)  |
| AMD | PAL20R8-10             |       |
| AMD | PAL20R8-10 [PLCC28]    | (48)  |
| AMD | PAL20R8-10/2           |       |
| AMD | PAL20R8-10/2 [PLCC28]  | (48)  |
| AMD | PAL20R8-5              |       |
| AMD | PAL20R8-5 [PLCC28]     | (48)  |
| AMD | PAL20R8-7              |       |
| AMD | PAL20R8-7 [PLCC28]     | (48)  |
| AMD | PAL20R8A               |       |
| AMD | PAL20R8A [PLCC28]      | (48)  |
| AMD | PAL20R8A-2             |       |
| AMD | PAL20R8A-2 [PLCC28]    | (48)  |
| AMD | PAL20R8B               |       |
| AMD | PAL20R8B-2             |       |
| AMD | PAL20R8B-2xFN [PLCC28] | (48)  |
| AMD | PAL20R8B-2xNL [PLCC28] | (48)  |
| AMD | PAL20R8BXFN [PLCC28]   | (48)  |
| AMD | PAL20R8BXNL [PLCC28]   | (48)  |
| AMD | PAL20X10               |       |
| AMD | PAL20X10 [PLCC28]      | (48)  |
| AMD | PAL20X10A              |       |
| AMD | PAL20X10A [PLCC28]     | (48)  |
| AMD | PAL20X4                |       |
| AMD | PAL20X4 [PLCC28]       | (48)  |
| AMD | PAL20X4A               |       |
| AMD | PAL20X4A [PLCC28]      | (48)  |
| AMD | PAL20X8                |       |
| AMD | PAL20X8 [PLCC28]       | (48)  |
| AMD | PAL20X8A               |       |
| AMD | PAL20X8A [PLCC28]      | (48)  |
| AMD | PAL22V10-10            |       |
| AMD | PAL22V10-10 [LCC28]    | (633) |
| AMD | PAL22V10-10 [PLCC28]   | (48)  |
| AMD | PAL22V10-15            |       |
| AMD | PAL22V10-15 [LCC28]    | (633) |
| AMD | PAL22V10-15 [PLCC28]   | (48)  |
| AMD | PAL22V10-25            |       |
| AMD | PAL22V10-25 [LCC28]    | (633) |
| AMD | PAL22V10-25 [PLCC28]   | (48)  |
| AMD | PALCE16V8H             |       |
| AMD | PALCE16V8H [PLCC20]    | (47)  |
| AMD | PALCE16V8H [SOIC20]    | (119) |
| AMD | PALCE16V8H/4           |       |
| AMD | PALCE16V8H/4 [PLCC20]  | (47)  |
| AMD | PALCE16V8H/4 [SOIC20]  | (119) |
| AMD | PALCE16V8H/5           |       |
| AMD | PALCE16V8H/5 [PLCC20]  | (47)  |
| AMD | PALCE16V8H/5 [SOIC20]  | (119) |
| AMD | PALCE16V8Q             |       |
| AMD | PALCE16V8Q [PLCC20]    | (47)  |
| AMD | PALCE16V8Q [SOIC20]    | (119) |
| AMD | PALCE16V8Q/4           |       |
| AMD | PALCE16V8Q/4 [PLCC20]  | (47)  |
| AMD | PALCE16V8Q/5 [PLCC20]  | (47)  |
| AMD | PALCE16V8Z             |       |
| AMD | PALCE16V8Z [PLCC20]    | (47)  |
| AMD | PALCE16V8Z [SOIC20]    | (119) |
| AMD | PALCE16V8Z/4           |       |
| AMD | PALCE16V8Z/4 [PLCC20]  | (47)  |
| AMD | PALCE16V8Z/4 [SOIC20]  | (119) |
| AMD | PALCE16V8Z/5           |       |
| AMD | PALCE16V8Z/5 [PLCC20]  | (47)  |
| AMD | PALCE16V8Z/5 [SOIC20]  | (119) |
| AMD | PALCE20RA10H           |       |
| AMD | PALCE20RA10H [PLCC28]  | (48)  |
| AMD | PALCE20RA10Q-15/4      |       |

|         |                            |       |
|---------|----------------------------|-------|
| AMD     | PALCE20RA10Q-15/4 [PLCC28] | (48)  |
| AMD     | PALCE20RA10Q-25/4          |       |
| AMD     | PALCE20RA10Q-25/4 [PLCC28] | (48)  |
| AMD     | PALCE20V8H                 |       |
| AMD     | PALCE20V8H [PLCC28]        | (48)  |
| AMD     | PALCE20V8H/4               |       |
| AMD     | PALCE20V8H/4 [PLCC28]      | (48)  |
| AMD     | PALCE20V8H/5               |       |
| AMD     | PALCE20V8H/5 [PLCC28]      | (48)  |
| AMD     | PALCE20V8Q                 |       |
| AMD     | PALCE20V8Q [PLCC28]        | (48)  |
| AMD     | PALCE20V8Q/4               |       |
| AMD     | PALCE20V8Q/4 [PLCC28]      | (48)  |
| AMD     | PALCE20V8Q/5               |       |
| AMD     | PALCE20V8Q/5 [PLCC28]      | (48)  |
| AMD     | PALCE22V10H                |       |
| AMD     | PALCE22V10H [PLCC28]       | (48)  |
| AMD     | PALCE22V10H/4              |       |
| AMD     | PALCE22V10H/4 [PLCC28]     | (48)  |
| AMD     | PALCE22V10H/5              |       |
| AMD     | PALCE22V10H/5 [PLCC28]     | (48)  |
| AMD     | PALCE22V10Q                |       |
| AMD     | PALCE22V10Q [PLCC28]       | (48)  |
| AMD     | PALCE22V10Q/4              |       |
| AMD     | PALCE22V10Q/4 [PLCC28]     | (48)  |
| AMD     | PALCE22V10Q/5              |       |
| AMD     | PALCE22V10Q/5 [PLCC28]     | (48)  |
| AMD     | PALCE22V10Z                |       |
| AMD     | PALCE22V10Z [PLCC28]       | (48)  |
| AMD     | PALCE22V10Z/4              |       |
| AMD     | PALCE22V10Z/4 [PLCC28]     | (48)  |
| AMD     | PALCE22V10Z/5              |       |
| AMD     | PALCE22V10Z/5 [PLCC28]     | (48)  |
| AMD     | PALCE24V10H                | (682) |
| AMD     | PALCE24V10H [PLCC28]       | (684) |
| AMD     | PALCE24V10Q                | (682) |
| AMD     | PALCE24V10Q [PLCC28]       | (684) |
| AMD     | PALCE26V12H                |       |
| AMD     | PALCE26V12H [PLCC28]       | (48)  |
| AMD     | PALCE26V12H/4              |       |
| AMD     | PALCE26V12H/4 [PLCC28]     | (48)  |
| AMD     | PALCE29M16/4               |       |
| AMD     | PALCE29M16/4 [PLCC28]      | (48)  |
| AMD     | PALCE29MA16/4              |       |
| AMD     | PALCE29MA16/4 [PLCC28]     | (48)  |
| AMD     | PALCE610H                  |       |
| AMD     | PALCE610H [PLCC28]         | (48)  |
| AMD     | PALLV16V8                  |       |
| AMD     | PALLV16V8 [PLCC20]         | (47)  |
| AMD     | PALLV16V8 [SOIC20]         | (119) |
| AMD     | PALLV16V8/5                |       |
| AMD     | PALLV16V8/5 [PLCC20]       | (47)  |
| AMD     | PALLV16V8/5 [SOIC20]       | (119) |
| AMD     | PALLV16V8Z                 |       |
| AMD     | PALLV16V8Z [PLCC20]        | (47)  |
| AMD     | PALLV16V8Z [SOIC20]        | (119) |
| AMD     | PALLV16V8Z/4               |       |
| AMD     | PALLV16V8Z/4 [PLCC20]      | (47)  |
| AMD     | PALLV16V8Z/4 [SOIC20]      | (119) |
| AMD     | PALLV16V8Z/5               |       |
| AMD     | PALLV16V8Z/5 [PLCC20]      | (47)  |
| AMD     | PALLV16V8Z/5 [SOIC20]      | (119) |
| AMD     | PALLV22V10                 |       |
| AMD     | PALLV22V10 [PLCC28]        | (48)  |
| AMD     | PALLV22V10Z                |       |
| AMD     | PALLV22V10Z [PLCC28]       | (48)  |
| AMD/MMI | PAL10H8                    |       |
| AMD/MMI | PAL10H8 [PLCC20]           | (47)  |
| AMD/MMI | PAL10H8-2                  |       |
| AMD/MMI | PAL10H8-2 [PLCC20]         | (47)  |
| AMD/MMI | PAL10L8                    |       |
| AMD/MMI | PAL10L8 [PLCC20]           | (47)  |
| AMD/MMI | PAL10L8-2                  |       |
| AMD/MMI | PAL10L8-2 [PLCC20]         | (47)  |
| AMD/MMI | PAL12H6                    |       |
| AMD/MMI | PAL12H6 [PLCC20]           | (47)  |
| AMD/MMI | PAL12H6-2                  |       |
| AMD/MMI | PAL12H6-2 [PLCC20]         | (47)  |
| AMD/MMI | PAL12L10                   |       |
| AMD/MMI | PAL12L10 [PLCC28]          | (48)  |
| AMD/MMI | PAL12L6                    |       |
| AMD/MMI | PAL12L6 [PLCC20]           | (47)  |
| AMD/MMI | PAL12L6-2                  |       |
| AMD/MMI | PAL12L6-2 [PLCC20]         | (47)  |
| AMD/MMI | PAL14H4                    |       |
| AMD/MMI | PAL14H4 [PLCC20]           | (47)  |
| AMD/MMI | PAL14H4-2                  |       |
| AMD/MMI | PAL14H4-2 [PLCC20]         | (47)  |
| AMD/MMI | PAL14L4                    |       |
| AMD/MMI | PAL14L4 [PLCC20]           | (47)  |
| AMD/MMI | PAL14L4-2                  |       |
| AMD/MMI | PAL14L4-2 [PLCC20]         | (47)  |
| AMD/MMI | PAL14L8                    |       |
| AMD/MMI | PAL14L8 [PLCC28]           | (48)  |
| AMD/MMI | PAL16A4                    |       |
| AMD/MMI | PAL16A4 [PLCC20]           | (47)  |
| AMD/MMI | PAL16C1                    |       |
| AMD/MMI | PAL16C1 [PLCC20]           | (47)  |
| AMD/MMI | PAL16C1-2                  |       |
| AMD/MMI | PAL16C1-2 [PLCC20]         | (47)  |
| AMD/MMI | PAL16H2                    |       |
| AMD/MMI | PAL16H2 [PLCC20]           | (47)  |
| AMD/MMI | PAL16H2-2                  |       |
| AMD/MMI | PAL16H2-2 [PLCC20]         | (47)  |
| AMD/MMI | PAL16L2                    |       |
| AMD/MMI | PAL16L2 [PLCC20]           | (47)  |
| AMD/MMI | PAL16L2-2                  |       |
| AMD/MMI | PAL16L2-2 [PLCC20]         | (47)  |
| AMD/MMI | PAL16L6                    |       |
| AMD/MMI | PAL16L6 [PLCC28]           | (48)  |
| AMD/MMI | PAL16L8                    |       |
| AMD/MMI | PAL16L8 [PLCC20]           | (47)  |
| AMD/MMI | PAL16L8A                   |       |
| AMD/MMI | PAL16L8A [PLCC20]          | (47)  |
| AMD/MMI | PAL16L8A-2                 |       |
| AMD/MMI | PAL16L8A-2 [PLCC20]        | (47)  |
| AMD/MMI | PAL16L8A-4                 |       |
| AMD/MMI | PAL16L8A-4 [PLCC20]        | (47)  |
| AMD/MMI | PAL16L8B                   |       |
| AMD/MMI | PAL16L8B [PLCC20]          | (47)  |
| AMD/MMI | PAL16L8B-2                 |       |
| AMD/MMI | PAL16L8B-2 [PLCC20]        | (47)  |
| AMD/MMI | PAL16L8B-4                 |       |
| AMD/MMI | PAL16L8B-4 [PLCC20]        | (47)  |
| AMD/MMI | PAL16L8D                   |       |
| AMD/MMI | PAL16L8D [PLCC20]          | (47)  |
| AMD/MMI | PAL16L8H-15                |       |
| AMD/MMI | PAL16L8H-15 [PLCC20]       | (47)  |



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|---------|------------------------|-------|
| AMD/MMI | PAL16R4                |       |
| AMD/MMI | PAL16R4 [PLCC20]       | (47)  |
| AMD/MMI | PAL16R4A               |       |
| AMD/MMI | PAL16R4A [PLCC20]      | (47)  |
| AMD/MMI | PAL16R4A-2             |       |
| AMD/MMI | PAL16R4A-2 [PLCC20]    | (47)  |
| AMD/MMI | PAL16R4A-4             |       |
| AMD/MMI | PAL16R4A-4 [PLCC20]    | (47)  |
| AMD/MMI | PAL16R4B               |       |
| AMD/MMI | PAL16R4B [PLCC20]      | (47)  |
| AMD/MMI | PAL16R4B-2             |       |
| AMD/MMI | PAL16R4B-2 [PLCC20]    | (47)  |
| AMD/MMI | PAL16R4B-4             |       |
| AMD/MMI | PAL16R4B-4 [PLCC20]    | (47)  |
| AMD/MMI | PAL16R4D               |       |
| AMD/MMI | PAL16R4D [PLCC20]      | (47)  |
| AMD/MMI | PAL16R4H-15            |       |
| AMD/MMI | PAL16R4H-15 [PLCC20]   | (47)  |
| AMD/MMI | PAL16R6                |       |
| AMD/MMI | PAL16R6 [PLCC20]       | (47)  |
| AMD/MMI | PAL16R6A               |       |
| AMD/MMI | PAL16R6A [PLCC20]      | (47)  |
| AMD/MMI | PAL16R6A-2             |       |
| AMD/MMI | PAL16R6A-2 [PLCC20]    | (47)  |
| AMD/MMI | PAL16R6A-4             |       |
| AMD/MMI | PAL16R6A-4 [PLCC20]    | (47)  |
| AMD/MMI | PAL16R6B               |       |
| AMD/MMI | PAL16R6B [PLCC20]      | (47)  |
| AMD/MMI | PAL16R6B-2             |       |
| AMD/MMI | PAL16R6B-2 [PLCC20]    | (47)  |
| AMD/MMI | PAL16R6B-4             |       |
| AMD/MMI | PAL16R6B-4 [PLCC20]    | (47)  |
| AMD/MMI | PAL16R6D               |       |
| AMD/MMI | PAL16R6D [PLCC20]      | (47)  |
| AMD/MMI | PAL16R6H-15            |       |
| AMD/MMI | PAL16R6H-15 [PLCC20]   | (47)  |
| AMD/MMI | PAL16R8                |       |
| AMD/MMI | PAL16R8 [PLCC20]       | (47)  |
| AMD/MMI | PAL16R8A               |       |
| AMD/MMI | PAL16R8A [PLCC20]      | (47)  |
| AMD/MMI | PAL16R8A-2             |       |
| AMD/MMI | PAL16R8A-2 [PLCC20]    | (47)  |
| AMD/MMI | PAL16R8A-4             |       |
| AMD/MMI | PAL16R8A-4 [PLCC20]    | (47)  |
| AMD/MMI | PAL16R8B               |       |
| AMD/MMI | PAL16R8B [PLCC20]      | (47)  |
| AMD/MMI | PAL16R8B-2             |       |
| AMD/MMI | PAL16R8B-2 [PLCC20]    | (47)  |
| AMD/MMI | PAL16R8B-4             |       |
| AMD/MMI | PAL16R8B-4 [PLCC20]    | (47)  |
| AMD/MMI | PAL16R8D               |       |
| AMD/MMI | PAL16R8D [PLCC20]      | (47)  |
| AMD/MMI | PAL16R8H-15            |       |
| AMD/MMI | PAL16R8H-15 [PLCC20]   | (47)  |
| AMD/MMI | PAL16X4                |       |
| AMD/MMI | PAL16X4 [PLCC20]       | (47)  |
| AMD/MMI | PAL18L4                |       |
| AMD/MMI | PAL18L4 [PLCC28]       | (48)  |
| AMD/MMI | PAL20C1                |       |
| AMD/MMI | PAL20C1 [PLCC28]       | (48)  |
| AMD/MMI | PAL20L10               |       |
| AMD/MMI | PAL20L10 [PLCC28]      | (48)  |
| AMD/MMI | PAL20L10A              |       |
| AMD/MMI | PAL20L10A [PLCC28]     | (48)  |
| AMD/MMI | PAL20L2                |       |
| AMD/MMI | PAL20L2 [PLCC28]       | (48)  |
| AMD/MMI | PAL20L8-10             |       |
| AMD/MMI | PAL20L8-10 [PLCC28]    | (48)  |
| AMD/MMI | PAL20L8A               |       |
| AMD/MMI | PAL20L8A [PLCC28]      | (48)  |
| AMD/MMI | PAL20L8A-2             |       |
| AMD/MMI | PAL20L8A-2 [PLCC28]    | (48)  |
| AMD/MMI | PAL20L8B               |       |
| AMD/MMI | PAL20L8B-2             |       |
| AMD/MMI | PAL20L8B-2xFN [PLCC28] | (48)  |
| AMD/MMI | PAL20L8B-2xNL [PLCC28] | (48)  |
| AMD/MMI | PAL20L8BXFN [PLCC28]   | (48)  |
| AMD/MMI | PAL20L8BXNL [PLCC28]   | (48)  |
| AMD/MMI | PAL20R4-10             |       |
| AMD/MMI | PAL20R4-10 [PLCC28]    | (48)  |
| AMD/MMI | PAL20R4A               |       |
| AMD/MMI | PAL20R4A [PLCC28]      | (48)  |
| AMD/MMI | PAL20R4A-2             |       |
| AMD/MMI | PAL20R4A-2 [PLCC28]    | (48)  |
| AMD/MMI | PAL20R4B               |       |
| AMD/MMI | PAL20R4B-2             |       |
| AMD/MMI | PAL20R4B-2xFN [PLCC28] | (48)  |
| AMD/MMI | PAL20R4B-2xNL [PLCC28] | (48)  |
| AMD/MMI | PAL20R4BXFN [PLCC28]   | (48)  |
| AMD/MMI | PAL20R4BXNL [PLCC28]   | (48)  |
| AMD/MMI | PAL20R6-10             |       |
| AMD/MMI | PAL20R6-10 [PLCC28]    | (48)  |
| AMD/MMI | PAL20R6A               |       |
| AMD/MMI | PAL20R6A [PLCC28]      | (48)  |
| AMD/MMI | PAL20R6A-2             |       |
| AMD/MMI | PAL20R6A-2 [PLCC28]    | (48)  |
| AMD/MMI | PAL20R6B               |       |
| AMD/MMI | PAL20R6B-2             |       |
| AMD/MMI | PAL20R6B-2xFN [PLCC28] | (48)  |
| AMD/MMI | PAL20R6B-2xNL [PLCC28] | (48)  |
| AMD/MMI | PAL20R6BXFN [PLCC28]   | (48)  |
| AMD/MMI | PAL20R6BXNL [PLCC28]   | (48)  |
| AMD/MMI | PAL20R8-10             |       |
| AMD/MMI | PAL20R8-10 [PLCC28]    | (48)  |
| AMD/MMI | PAL20R8A               |       |
| AMD/MMI | PAL20R8A [PLCC28]      | (48)  |
| AMD/MMI | PAL20R8A-2             |       |
| AMD/MMI | PAL20R8A-2 [PLCC28]    | (48)  |
| AMD/MMI | PAL20R8B               |       |
| AMD/MMI | PAL20R8B-2             |       |
| AMD/MMI | PAL20R8B-2xFN [PLCC28] | (48)  |
| AMD/MMI | PAL20R8B-2xNL [PLCC28] | (48)  |
| AMD/MMI | PAL20R8BXFN [PLCC28]   | (48)  |
| AMD/MMI | PAL20R8BXNL [PLCC28]   | (48)  |
| AMD/MMI | PAL20X10               |       |
| AMD/MMI | PAL20X10 [PLCC28]      | (48)  |
| AMD/MMI | PAL20X10A              |       |
| AMD/MMI | PAL20X10A [PLCC28]     | (48)  |
| AMD/MMI | PAL20X4                |       |
| AMD/MMI | PAL20X4 [PLCC28]       | (48)  |
| AMD/MMI | PAL20X4A               |       |
| AMD/MMI | PAL20X4A [PLCC28]      | (48)  |
| AMD/MMI | PAL20X8                |       |
| AMD/MMI | PAL20X8 [PLCC28]       | (48)  |
| AMD/MMI | PAL20X8A               |       |
| AMD/MMI | PAL20X8A [PLCC28]      | (48)  |
| AMD/MMI | PAL22V10-10            |       |
| AMD/MMI | PAL22V10-10 [LCC28]    | (633) |

|         |                               |             |
|---------|-------------------------------|-------------|
| AMD/MMI | PAL22V10-10 [PLCC28]          | (48)        |
| AMD/MMI | PAL22V10-15                   |             |
| AMD/MMI | PAL22V10-15 [LCC28]           | (633)       |
| AMD/MMI | PAL22V10-15 [PLCC28]          | (48)        |
| AMD/MMI | PAL22V10-25                   |             |
| AMD/MMI | PAL22V10-25 [LCC28]           | (633)       |
| AMD/MMI | PAL22V10-25 [PLCC28]          | (48)        |
| AMI     | FS6370 [SOIC16]               | (44)        |
| AMI     | PEEL18CV8                     |             |
| AMI     | PEEL18CV8 [PLCC20]            | (47)        |
| AMI     | PEEL18CV8 [SOIC20]            | (119)       |
| AMI     | PEEL18CV8 [TSSOP20]           | (1089)      |
| AMI     | PEEL22CV10                    |             |
| AMI     | PEEL22CV10 [PLCC28]           | (48)        |
| AMI     | PEEL22CV10 [SOIC24]           | (1062)      |
| AMI     | PEEL22CV10A                   |             |
| AMI     | PEEL22CV10A [PLCC28]          | (48)        |
| AMI     | PEEL22CV10A [SOIC24]          | (1062)      |
| AMI     | PEEL22CV10A [TSSOP24]         | (1090)      |
| AMI     | PEEL22CV10A+                  |             |
| AMI     | PEEL22CV10A+ [PLCC28]         | (48)        |
| AMI     | PEEL22CV10A+ [SOIC24]         | (1062)      |
| AMI     | PEEL22CV10A+ [TSSOP24]        | (1090)      |
| AMI     | PEEL22CV10A++                 |             |
| AMI     | PEEL22CV10A++ [PLCC28]        | (48)        |
| AMI     | PEEL22CV10A++ [SOIC24]        | (1062)      |
| AMI     | PEEL22CV10A++ [TSSOP24]       | (1090)      |
| AMI     | PEEL22CV10AZ+                 |             |
| AMI     | PEEL22CV10AZ+ [PLCC28]        | (48)        |
| AMI     | PEEL22CV10AZ+ [SOIC24]        | (1062)      |
| AMI     | PEEL22CV10AZ+ [TSSOP24]       | (1090)      |
| AMI     | PEEL22CV10AZ++                |             |
| AMI     | PEEL22CV10AZ++ [PLCC28]       | (48)        |
| AMI     | PEEL22CV10AZ++ [SOIC24]       | (1062)      |
| AMI     | PEEL22CV10AZ++ [TSSOP24]      | (1090)      |
| AMI     | PEEL22CV10Z                   |             |
| AMI     | PEEL22CV10Z [PLCC28]          | (48)        |
| AMI     | PEEL22CV10Z [SOIC24]          | (1062)      |
| AMI     | PEEL22LV10AZ+                 |             |
| AMI     | PEEL22LV10AZ+ [PLCC28]        | (48)        |
| AMI     | PEEL22LV10AZ+ [SOIC24]        | (1062)      |
| AMI     | PEEL22LV10AZ+ [TSSOP24]       | (1090)      |
| AMI     | PEEL22LV10AZ++                |             |
| AMI     | PEEL22LV10AZ++ [PLCC28]       | (48)        |
| AMI     | PEEL22LV10AZ++ [SOIC24]       | (1062)      |
| AMI     | PEEL22LV10AZ++ [TSSOP24]      | (1090)      |
| Am1C    | A25L010                       |             |
| Am1C    | A25L010 (ISP)                 | (138)       |
| Am1C    | A25L010 [SOP8-150]            | (3095) (*1) |
| Am1C    | A25L010 [SOP8-150] (Dua1SPI)  | (3095) (*1) |
| Am1C    | A25L010 [SOP8-200]            | (3088) (*1) |
| Am1C    | A25L010 [SOP8-200] (Dua1SPI)  | (3088) (*1) |
| Am1C    | A25L010 [TSSOP8]              | (1388)      |
| Am1C    | A25L010 [TSSOP8] (Dua1SPI)    | (1388)      |
| Am1C    | A25L010 [USON8]               | (3935) (*1) |
| Am1C    | A25L010 [WSON8]               | (3097) (*1) |
| Am1C    | A25L010 [WSON8] (Dua1SPI)     | (3097) (*1) |
| Am1C    | A25L010A                      |             |
| Am1C    | A25L010A (ISP)                | (138)       |
| Am1C    | A25L010A [SOP8-150]           | (3095) (*1) |
| Am1C    | A25L010A [SOP8-200]           | (3088) (*1) |
| Am1C    | A25L010A [TSSOP8]             | (1388)      |
| Am1C    | A25L010A [USON8]              | (3935) (*1) |
| Am1C    | A25L010A [WSON8]              | (3097) (*1) |
| Am1C    | A25L016                       |             |
| Am1C    | A25L016 (ISP)                 | (138)       |
| Am1C    | A25L016 [SOP16]               | (3101) (*1) |
| Am1C    | A25L016 [SOP16] (Dua1SPI)     | (3101) (*1) |
| Am1C    | A25L016 [SOP8-150]            | (3095) (*1) |
| Am1C    | A25L016 [SOP8-150] (Dua1SPI)  | (3095) (*1) |
| Am1C    | A25L016 [SOP8-200]            | (3088) (*1) |
| Am1C    | A25L016 [SOP8-200] (Dua1SPI)  | (3088) (*1) |
| Am1C    | A25L016 [WSON8]               | (3097) (*1) |
| Am1C    | A25L016 [WSON8] (Dua1SPI)     | (3097) (*1) |
| Am1C    | A25L016T                      |             |
| Am1C    | A25L016T (ISP)                | (138)       |
| Am1C    | A25L016T [SOP16]              | (3101) (*1) |
| Am1C    | A25L016T [SOP8-150]           | (3095) (*1) |
| Am1C    | A25L016T [SOP8-200]           | (3088) (*1) |
| Am1C    | A25L016T [WSON8]              | (3097) (*1) |
| Am1C    | A25L016V                      |             |
| Am1C    | A25L016V (ISP)                | (138)       |
| Am1C    | A25L016V [SOP16]              | (3101) (*1) |
| Am1C    | A25L016V [SOP8-150]           | (3095) (*1) |
| Am1C    | A25L016V [SOP8-200]           | (3088) (*1) |
| Am1C    | A25L016V [WSON8]              | (3097) (*1) |
| Am1C    | A25L020                       |             |
| Am1C    | A25L020 (ISP)                 | (138)       |
| Am1C    | A25L020 [SOP8-150]            | (3095) (*1) |
| Am1C    | A25L020 [SOP8-150] (Dua1SPI)  | (3095) (*1) |
| Am1C    | A25L020 [SOP8-200]            | (3088) (*1) |
| Am1C    | A25L020 [SOP8-200] (Dua1SPI)  | (3088) (*1) |
| Am1C    | A25L020 [USON8]               | (3935) (*1) |
| Am1C    | A25L020 [WSON8]               | (3097) (*1) |
| Am1C    | A25L020 [WSON8] (Dua1SPI)     | (3097) (*1) |
| Am1C    | A25L020A                      |             |
| Am1C    | A25L020A (ISP)                | (138)       |
| Am1C    | A25L020A [SOP8-150]           | (3095) (*1) |
| Am1C    | A25L020A [SOP8-150] (Dua1SPI) | (3095) (*1) |
| Am1C    | A25L020A [SOP8-200]           | (3088) (*1) |
| Am1C    | A25L020A [SOP8-200] (Dua1SPI) | (3088) (*1) |
| Am1C    | A25L020B                      |             |
| Am1C    | A25L020B (ISP)                | (138)       |
| Am1C    | A25L020B [SOP8-150]           | (3095) (*1) |
| Am1C    | A25L020B [SOP8-200]           | (3088) (*1) |
| Am1C    | A25L020B [USON8]              | (3935) (*1) |
| Am1C    | A25L020C                      |             |
| Am1C    | A25L020C (ISP)                | (138)       |
| Am1C    | A25L020C [SOP8-150]           | (3095) (*1) |
| Am1C    | A25L020C [SOP8-200]           | (3088) (*1) |
| Am1C    | A25L020C [USON8]              | (3935) (*1) |
| Am1C    | A25L020C [WSON8]              | (3097) (*1) |
| Am1C    | A25L032                       |             |
| Am1C    | A25L032 (ISP)                 | (138)       |
| Am1C    | A25L032 [SOP16]               | (3101) (*1) |
| Am1C    | A25L032 [SOP16] (Dua1SPI)     | (3101) (*1) |
| Am1C    | A25L032 [SOP8-200]            | (3088) (*1) |
| Am1C    | A25L032 [SOP8-200] (Dua1SPI)  | (3088) (*1) |
| Am1C    | A25L032 [WSON8]               | (3097) (*1) |
| Am1C    | A25L032 [WSON8] (Dua1SPI)     | (3097) (*1) |
| Am1C    | A25L040                       |             |
| Am1C    | A25L040 (ISP)                 | (138)       |
| Am1C    | A25L040 [SOP8-150]            | (3095) (*1) |
| Am1C    | A25L040 [SOP8-150] (Dua1SPI)  | (3095) (*1) |
| Am1C    | A25L040 [SOP8-200]            | (3088) (*1) |
| Am1C    | A25L040 [SOP8-200] (Dua1SPI)  | (3088) (*1) |
| Am1C    | A25L040 [WSON8]               | (3097) (*1) |
| Am1C    | A25L040 [WSON8] (Dua1SPI)     | (3097) (*1) |

|      |          |                     |             |
|------|----------|---------------------|-------------|
| AmiC | A25L040A |                     |             |
| AmiC | A25L040A | (ISP)               | (138)       |
| AmiC | A25L040A | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L040A | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L040A | [USON8]             | (3935) (*1) |
| AmiC | A25L040A | [WSON8]             | (3097) (*1) |
| AmiC | A25L05PT |                     |             |
| AmiC | A25L05PT | (ISP)               | (138)       |
| AmiC | A25L05PT | [QFN8]              | (3097) (*1) |
| AmiC | A25L05PT | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L05PT | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L05PU |                     |             |
| AmiC | A25L05PU | (ISP)               | (138)       |
| AmiC | A25L05PU | [QFN8]              | (1392)      |
| AmiC | A25L05PU | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L05PU | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L080  |                     |             |
| AmiC | A25L080  | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L080  | [SOP8-150] (DuaSPI) | (3095) (*1) |
| AmiC | A25L080  | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L080  | [SOP8-200] (DuaSPI) | (3088) (*1) |
| AmiC | A25L080  | [WSON8]             | (3097) (*1) |
| AmiC | A25L080  | [WSON8] (DuaSPI)    | (3097) (*1) |
| AmiC | A25L080A |                     |             |
| AmiC | A25L080A | (ISP)               | (138)       |
| AmiC | A25L080A | [QFN8]              | (3097) (*1) |
| AmiC | A25L080A | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L080A | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L10PT |                     |             |
| AmiC | A25L10PT | (ISP)               | (138)       |
| AmiC | A25L10PT | [QFN8]              | (3097) (*1) |
| AmiC | A25L10PT | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L10PT | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L10PU |                     |             |
| AmiC | A25L10PU | (ISP)               | (138)       |
| AmiC | A25L10PU | [QFN8]              | (3097) (*1) |
| AmiC | A25L10PU | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L10PU | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L16P  |                     |             |
| AmiC | A25L16P  | (ISP)               | (138)       |
| AmiC | A25L16P  | [QFN8]              | (3097) (*1) |
| AmiC | A25L16P  | [SOP16]             | (3101) (*1) |
| AmiC | A25L16P  | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L16PT |                     |             |
| AmiC | A25L16PT | (ISP)               | (138)       |
| AmiC | A25L16PT | [QFN8]              | (3097) (*1) |
| AmiC | A25L16PT | [SOP16]             | (3101) (*1) |
| AmiC | A25L16PT | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L16PU |                     |             |
| AmiC | A25L16PU | (ISP)               | (138)       |
| AmiC | A25L16PU | [QFN8]              | (3097) (*1) |
| AmiC | A25L16PU | [SOP16]             | (3101) (*1) |
| AmiC | A25L16PU | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L20PT |                     |             |
| AmiC | A25L20PT | (ISP)               | (138)       |
| AmiC | A25L20PT | [QFN8]              | (3097) (*1) |
| AmiC | A25L20PT | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L20PT | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L20PU |                     |             |
| AmiC | A25L20PU | (ISP)               | (138)       |
| AmiC | A25L20PU | [QFN8]              | (3097) (*1) |
| AmiC | A25L20PU | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L20PU | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L40P  |                     |             |
| AmiC | A25L40P  | (ISP)               | (138)       |
| AmiC | A25L40P  | [QFN8]              | (3097) (*1) |
| AmiC | A25L40P  | [SOP16]             | (3101) (*1) |
| AmiC | A25L40P  | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L40P  | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L40PT |                     |             |
| AmiC | A25L40PT | (ISP)               | (138)       |
| AmiC | A25L40PT | [QFN8]              | (3097) (*1) |
| AmiC | A25L40PT | [SOP16]             | (3101) (*1) |
| AmiC | A25L40PT | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L40PT | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L40PU |                     |             |
| AmiC | A25L40PU | (ISP)               | (138)       |
| AmiC | A25L40PU | [QFN8]              | (3097) (*1) |
| AmiC | A25L40PU | [SOP16]             | (3101) (*1) |
| AmiC | A25L40PU | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L40PU | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L42PT |                     |             |
| AmiC | A25L42PT | (ISP)               | (138)       |
| AmiC | A25L42PT | [QFN8]              | (3097) (*1) |
| AmiC | A25L42PT | [SOP16]             | (3101) (*1) |
| AmiC | A25L42PT | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L42PT | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L42PU |                     |             |
| AmiC | A25L42PU | (ISP)               | (138)       |
| AmiC | A25L42PU | [QFN8]              | (3097) (*1) |
| AmiC | A25L42PU | [SOP16]             | (3101) (*1) |
| AmiC | A25L42PU | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L42PU | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L512  |                     |             |
| AmiC | A25L512  | (ISP)               | (138)       |
| AmiC | A25L512  | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L512  | [SOP8-150] (DuaSPI) | (3095) (*1) |
| AmiC | A25L512  | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L512  | [SOP8-200] (DuaSPI) | (3088) (*1) |
| AmiC | A25L512  | [TSSOP8]            | (1388)      |
| AmiC | A25L512  | [TSSOP8] (DuaSPI)   | (1388)      |
| AmiC | A25L512  | [USON8]             | (3935) (*1) |
| AmiC | A25L512  | [WSON8]             | (3097) (*1) |
| AmiC | A25L512  | [WSON8] (DuaSPI)    | (3097) (*1) |
| AmiC | A25L512A |                     |             |
| AmiC | A25L512A | (ISP)               | (138)       |
| AmiC | A25L512A | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L512A | [SOP8-200]          | (3088) (*1) |
| AmiC | A25L512A | [TSSOP8]            | (1388)      |
| AmiC | A25L512A | [USON8]             | (3935) (*1) |
| AmiC | A25L512A | [WSON8]             | (3097) (*1) |
| AmiC | A25L80P  |                     |             |
| AmiC | A25L80P  | (ISP)               | (138)       |
| AmiC | A25L80P  | [QFN8]              | (3097) (*1) |
| AmiC | A25L80P  | [SOP16]             | (3101) (*1) |
| AmiC | A25L80P  | [SOP8]              | (3088) (*1) |
| AmiC | A25L80P  | [SOP8-150]          | (3095) (*1) |
| AmiC | A25L82PT |                     |             |
| AmiC | A25L82PT | (ISP)               | (138)       |
| AmiC | A25L82PT | [QFN8]              | (3097) (*1) |
| AmiC | A25L82PT | [SOP16]             | (3101) (*1) |
| AmiC | A25L82PT | [SOP8]              | (3088) (*1) |
| AmiC | A25L82PU |                     |             |
| AmiC | A25L82PU | (ISP)               | (138)       |
| AmiC | A25L82PU | [QFN8]              | (3097) (*1) |
| AmiC | A25L82PU | [SOP16]             | (3101) (*1) |
| AmiC | A25L82PU | [SOP8]              | (3088) (*1) |
| AmiC | A25LQ032 |                     |             |
| AmiC | A25LQ032 | [SOP16]             | (3101) (*1) |
| AmiC | A25LQ032 | [SOP16] (DuaSPI)    | (3101) (*1) |
| AmiC | A25LQ032 | [SOP16] (QuadSPI)   | (3101) (*1) |

|      |            |                      |             |
|------|------------|----------------------|-------------|
| AmiC | A25LQ032   | [SOP8-200]           | (3088) (*1) |
| AmiC | A25LQ032   | [SOP8-200] (DualSPI) | (3088) (*1) |
| AmiC | A25LQ032   | [SOP8-200] (QuadSPI) | (3088) (*1) |
| AmiC | A25LQ16    |                      | (138)       |
| AmiC | A25LQ16    | (ISP)                | (138)       |
| AmiC | A25LQ16    | [SOP8-150]           | (3095) (*1) |
| AmiC | A25LQ16    | [SOP8-150] (QuadSPI) | (3095) (*1) |
| AmiC | A25LQ16    | [SOP8-200]           | (3088) (*1) |
| AmiC | A25LQ16    | [SOP8-200] (QuadSPI) | (3088) (*1) |
| AmiC | A25LQ16    | [wSON8]              | (3097) (*1) |
| AmiC | A25LQ16    | [wSON8] (QuadSPI)    | (3097) (*1) |
| AmiC | A25LQ32A   |                      | (138)       |
| AmiC | A25LQ32A   | (ISP)                | (138)       |
| AmiC | A25LQ32A   | [SOP8-200]           | (3088) (*1) |
| AmiC | A25LQ32A   | [SOP8-200] (QuadSPI) | (3088) (*1) |
| AmiC | A25LQ32A   | [wSON8]              | (3097) (*1) |
| AmiC | A25LQ32A   | [wSON8] (QuadSPI)    | (3097) (*1) |
| AmiC | A25LQ64    | (ISP)                | (138)       |
| AmiC | A25LQ64    | [BGA24]              | (1268) (*1) |
| AmiC | A25LQ64    | [SOP16]              | (3101) (*1) |
| AmiC | A25LQ64    | [SOP8-200]           | (3088) (*1) |
| AmiC | A25LQ64    | [SOP8-200] (QuadSPI) | (3088) (*1) |
| AmiC | A25LQ64    | [wSON8]              | (3097) (*1) |
| AmiC | A25LQ64    | [wSON8] (QuadSPI)    | (3097) (*1) |
| AmiC | A25LQ64-FE | (ISP)                | (138)       |
| AmiC | A25LQ64-FE | [SOP16]              | (3101) (*1) |
| AmiC | A25LQ64-FE | [SOP8-200]           | (3088) (*1) |
| AmiC | A25LS016   | (ISP)                | (138)       |
| AmiC | A25LS032   | (ISP)                | (138)       |
| AmiC | A25LS040   |                      | (138)       |
| AmiC | A25LS040   | (ISP)                | (138)       |
| AmiC | A25LS040   | [SOP8-150]           | (3095) (*1) |
| AmiC | A25LS040   | [SOP8-150] (DualSPI) | (3095) (*1) |
| AmiC | A25LS040   | [SOP8-200]           | (3088) (*1) |
| AmiC | A25LS040   | [SOP8-200] (DualSPI) | (3088) (*1) |
| AmiC | A25LS080   |                      | (138)       |
| AmiC | A25LS080   | (ISP)                | (138)       |
| AmiC | A25LS080   | [SOP8-150]           | (3095) (*1) |
| AmiC | A25LS080   | [SOP8-150] (DualSPI) | (3095) (*1) |
| AmiC | A25LS080   | [SOP8-200]           | (3088) (*1) |
| AmiC | A25LS080   | [SOP8-200] (DualSPI) | (3088) (*1) |
| AmiC | A25LS512   |                      | (138)       |
| AmiC | A25LS512   | (ISP)                | (138)       |
| AmiC | A25LS512   | [SOP8-150]           | (3095) (*1) |
| AmiC | A25LS512   | [SOP8-150] (DualSPI) | (3095) (*1) |
| AmiC | A25LS512   | [SOP8-200]           | (3088) (*1) |
| AmiC | A25LS512   | [SOP8-200] (DualSPI) | (3088) (*1) |
| AmiC | A25LS512   | [TSSOP8]             | (1388)      |
| AmiC | A25LS512   | [TSSOP8] (DualSPI)   | (1388)      |
| AmiC | A25LS512A  |                      | (138)       |
| AmiC | A25LS512A  | (ISP)                | (138)       |
| AmiC | A25LS512A  | [SOP8-150]           | (3095) (*1) |
| AmiC | A25LS512A  | [SOP8-200]           | (3088) (*1) |
| AmiC | A25LS512A  | [TSSOP8]             | (1388)      |
| AmiC | A25LS512A  | [USON8]              | (3935) (*1) |
| AmiC | A25LS512A  | [wSON8]              | (3097) (*1) |
| AmiC | A25LTQ016  |                      | (138)       |
| AmiC | A25LTQ016  | (ISP)                | (138)       |
| AmiC | A25LTQ016  | [SOP8-200]           | (3088) (*1) |
| AmiC | A27020     |                      |             |
| AmiC | A275308    |                      |             |
| AmiC | A275308    | [PLCC32]             | (59)        |
| AmiC | A276308    |                      |             |
| AmiC | A276308    | [PLCC32]             | (59)        |
| AmiC | A276308    | [SOIC28]             | (53)        |
| AmiC | A276308A   |                      |             |
| AmiC | A276308A   | [PLCC32]             | (59)        |
| AmiC | A277308    |                      |             |
| AmiC | A277308    | [PLCC32]             | (59)        |
| AmiC | A278308    |                      |             |
| AmiC | A278308    | [PLCC32]             | (59)        |
| AmiC | A278308A   |                      |             |
| AmiC | A278308A   | [PLCC32]             | (59)        |
| AmiC | A279308    |                      |             |
| AmiC | A279308    | [PLCC32]             | (59)        |
| AmiC | A279308    | [TSOP32]             | (655)       |
| AmiC | A27L6308   |                      |             |
| AmiC | A27L6308   | [PLCC32]             | (59)        |
| AmiC | A27L7308   |                      |             |
| AmiC | A27L7308   | [PLCC32]             | (59)        |
| AmiC | A290011AT  |                      |             |
| AmiC | A290011AT  | [PLCC32]             | (1399)      |
| AmiC | A290011AT  | [sTSOP32 8x13.4]     | (525)       |
| AmiC | A290011AT  | [sTSOP32 8x14]       | (1412)      |
| AmiC | A290011AT  | [TSOP32]             | (1414)      |
| AmiC | A290011AU  |                      |             |
| AmiC | A290011AU  | [PLCC32]             | (1399)      |
| AmiC | A290011AU  | [sTSOP32 8x13.4]     | (525)       |
| AmiC | A290011AU  | [sTSOP32 8x14]       | (1412)      |
| AmiC | A290011AU  | [TSOP32]             | (1414)      |
| AmiC | A290011T   |                      |             |
| AmiC | A290011T   | [PLCC32]             | (1399)      |
| AmiC | A290011T   | [TSOP32]             | (1414)      |
| AmiC | A290011U   |                      |             |
| AmiC | A290011U   | [PLCC32]             | (1399)      |
| AmiC | A290011U   | [TSOP32]             | (1414)      |
| AmiC | A29001AT   |                      |             |
| AmiC | A29001AT   | [PLCC32]             | (1399)      |
| AmiC | A29001AT   | [sTSOP32 8x13.4]     | (525)       |
| AmiC | A29001AT   | [sTSOP32 8x14]       | (1412)      |
| AmiC | A29001AT   | [TSOP32]             | (1414)      |
| AmiC | A29001AU   |                      |             |
| AmiC | A29001AU   | [PLCC32]             | (1399)      |
| AmiC | A29001AU   | [sTSOP32 8x13.4]     | (525)       |
| AmiC | A29001AU   | [sTSOP32 8x14]       | (1412)      |
| AmiC | A29001AU   | [TSOP32]             | (1414)      |
| AmiC | A29001T    |                      |             |
| AmiC | A29001T    | [PLCC32]             | (1399)      |
| AmiC | A29001T    | [TSOP32]             | (1414)      |
| AmiC | A29001U    |                      |             |
| AmiC | A29001U    | [PLCC32]             | (1399)      |
| AmiC | A29001U    | [TSOP32]             | (1414)      |
| AmiC | A290021T   |                      |             |
| AmiC | A290021T   | [PLCC32]             | (1399)      |
| AmiC | A290021T   | [TSOP32]             | (1414)      |
| AmiC | A290021U   |                      |             |
| AmiC | A290021U   | [PLCC32]             | (1399)      |
| AmiC | A290021U   | [TSOP32]             | (1414)      |
| AmiC | A29002T    |                      |             |
| AmiC | A29002T    | [PLCC32]             | (1399)      |
| AmiC | A29002T    | [TSOP32]             | (1414)      |
| AmiC | A29002U    |                      |             |
| AmiC | A29002U    | [PLCC32]             | (1399)      |
| AmiC | A29002U    | [TSOP32]             | (1414)      |
| AmiC | A29010     |                      |             |
| AmiC | A29010     | [PLCC32]             | (1399)      |
| AmiC | A29010     | [TSOP32]             | (1414)      |
| AmiC | A29010A    |                      |             |

|      |            |               |        |
|------|------------|---------------|--------|
| AmiC | A29010A    | [PLCC32]      | (1384) |
| AmiC | A29010A    | [TSOP32]      | (1381) |
| AmiC | A29016M    | [PSOP44]      | (1357) |
| AmiC | A29016V    | [TSOP48]      | (1350) |
| AmiC | A29016W    | [TSOP40]      | (1369) |
| AmiC | A29040     |               |        |
| AmiC | A29040     | [PLCC32]      | (1384) |
| AmiC | A29040     | [TSOP32]      | (1381) |
| AmiC | A29040A    |               |        |
| AmiC | A29040A    | [PLCC32]      | (1384) |
| AmiC | A29040A    | [TSOP32]      | (1381) |
| AmiC | A29040B    |               |        |
| AmiC | A29040B    | [PLCC32]      | (1384) |
| AmiC | A29040B    | [TSOP32]      | (1381) |
| AmiC | A29040C    |               |        |
| AmiC | A29040C    | [PLCC32]      | (1384) |
| AmiC | A29040C    | [TSOP32]      | (1381) |
| AmiC | A29160ATV  | [TSOP48]      | (1346) |
| AmiC | A29160AUV  | [TSOP48]      | (1346) |
| AmiC | A29160TG   | [TFBGA48]     | (859)  |
| AmiC | A29160TM   | [PSOP44]      | (1356) |
| AmiC | A29160TV   | [TSOP48]      | (1346) |
| AmiC | A29160UG   | [TFBGA48]     | (859)  |
| AmiC | A29160UM   | [PSOP44]      | (1356) |
| AmiC | A29160UV   | [TSOP48]      | (1346) |
| AmiC | A29161ATV  | [TSOP48]      | (1346) |
| AmiC | A29161AUV  | [TSOP48]      | (1346) |
| AmiC | A29400ATV  | [TSOP48]      | (1346) |
| AmiC | A29400AUV  | [TSOP48]      | (1346) |
| AmiC | A29400BTV  | [TSOP48]      | (1346) |
| AmiC | A29400BUV  | [TSOP48]      | (1346) |
| AmiC | A29400T    | [PSOP44]      | (1356) |
| AmiC | A29400T    | [TSOP48]      | (1346) |
| AmiC | A29400U    | [PSOP44]      | (1356) |
| AmiC | A29400U    | [TSOP48]      | (1346) |
| AmiC | A29512     |               |        |
| AmiC | A29512     | [PLCC32]      | (1399) |
| AmiC | A29512     | [TSOP32]      | (1414) |
| AmiC | A29512A    |               |        |
| AmiC | A29512A    | [PLCC32]      | (1399) |
| AmiC | A29512A    | [TSOP32]      | (1414) |
| AmiC | A29800ATV  | [TSOP48]      | (1346) |
| AmiC | A29800AUV  | [TSOP48]      | (1346) |
| AmiC | A29800T    | [PSOP44]      | (1356) |
| AmiC | A29800T    | [TSOP48]      | (1346) |
| AmiC | A29800U    | [PSOP44]      | (1356) |
| AmiC | A29800U    | [TSOP48]      | (1346) |
| AmiC | A29801ATV  | [TSOP48]      | (1346) |
| AmiC | A29801AUV  | [TSOP48]      | (1346) |
| AmiC | A29801TG   | [TFBGA48]     | (859)  |
| AmiC | A29801TM   | [PSOP44]      | (1356) |
| AmiC | A29801TV   | [TSOP48]      | (1346) |
| AmiC | A29801UG   | [TFBGA48]     | (859)  |
| AmiC | A29801UM   | [PSOP44]      | (1356) |
| AmiC | A29801UV   | [TSOP48]      | (1346) |
| AmiC | A29DL162TG | [TFBGA48]     | (859)  |
| AmiC | A29DL162TV | [TSOP48]      | (1346) |
| AmiC | A29DL162UG | [TFBGA48]     | (859)  |
| AmiC | A29DL162UV | [TSOP48]      | (1346) |
| AmiC | A29DL163TG | [TFBGA48]     | (859)  |
| AmiC | A29DL163TV | [TSOP48]      | (1346) |
| AmiC | A29DL163UG | [TFBGA48]     | (859)  |
| AmiC | A29DL163UV | [TSOP48]      | (1346) |
| AmiC | A29DL164TG | [TFBGA48]     | (859)  |
| AmiC | A29DL164TV | [TSOP48]      | (1346) |
| AmiC | A29DL164UG | [TFBGA48]     | (859)  |
| AmiC | A29DL164UV | [TSOP48]      | (1346) |
| AmiC | A29DL320FT | [TSOP48]      | (1346) |
| AmiC | A29DL320FU | [TSOP48]      | (1346) |
| AmiC | A29DL322T  | [TSOP48]      | (1346) |
| AmiC | A29DL322TG | [TFBGA48]     | (859)  |
| AmiC | A29DL322U  | [TSOP48]      | (1346) |
| AmiC | A29DL322UG | [TFBGA48]     | (859)  |
| AmiC | A29DL323T  | [TSOP48]      | (1346) |
| AmiC | A29DL323TG | [TFBGA48]     | (859)  |
| AmiC | A29DL323TG | [TFBGA63]     | (2843) |
| AmiC | A29DL323U  | [TSOP48]      | (1346) |
| AmiC | A29DL323UG | [TFBGA48]     | (859)  |
| AmiC | A29DL323UG | [TFBGA63]     | (2843) |
| AmiC | A29DL324T  | [TSOP48]      | (1346) |
| AmiC | A29DL324TG | [TFBGA48]     | (859)  |
| AmiC | A29DL324TG | [TFBGA63]     | (2843) |
| AmiC | A29DL324U  | [TSOP48]      | (1346) |
| AmiC | A29DL324UG | [TFBGA48]     | (859)  |
| AmiC | A29DL324UG | [TFBGA63]     | (2843) |
| AmiC | A29L004ATL | [PLCC32]      | (1384) |
| AmiC | A29L004ATV | [TSOP32]      | (1381) |
| AmiC | A29L004ATW | [TSOP40]      | (1368) |
| AmiC | A29L004ATY | [TSOP32]      | (1377) |
| AmiC | A29L004AUL | [PLCC32]      | (1384) |
| AmiC | A29L004AUV | [TSOP32]      | (1381) |
| AmiC | A29L004AUW | [TSOP40]      | (1368) |
| AmiC | A29L004AUY | [TSOP32]      | (1377) |
| AmiC | A29L004BTL | [PLCC32]      | (1384) |
| AmiC | A29L004BTV | [TSOP32]      | (1381) |
| AmiC | A29L004BTW | [TSOP40]      | (1368) |
| AmiC | A29L004BTY | [TSOP32]      | (1377) |
| AmiC | A29L004BUL | [PLCC32]      | (1384) |
| AmiC | A29L004BUV | [TSOP32]      | (1381) |
| AmiC | A29L004BUW | [TSOP40]      | (1368) |
| AmiC | A29L004BUY | [TSOP32]      | (1377) |
| AmiC | A29L004T   | [DIP32]       |        |
| AmiC | A29L004TL  | [PLCC32]      | (1384) |
| AmiC | A29L004TV  | [TSOP32]      | (1381) |
| AmiC | A29L004TW  | [TSOP40]      | (1368) |
| AmiC | A29L004TX  | [TSOP32]      | (1377) |
| AmiC | A29L004U   | [DIP32]       |        |
| AmiC | A29L004UL  | [PLCC32]      | (1384) |
| AmiC | A29L004UV  | [TSOP32]      | (1381) |
| AmiC | A29L004UW  | [TSOP40]      | (1368) |
| AmiC | A29L004UX  | [TSOP32]      | (1377) |
| AmiC | A29L008ATV | [TSOP40]      | (1368) |
| AmiC | A29L008AUV | [TSOP40]      | (1368) |
| AmiC | A29L008TV  | [TSOP40]      | (1368) |
| AmiC | A29L008UV  | [TSOP40]      | (1368) |
| AmiC | A29L040    |               |        |
| AmiC | A29L040    | [PLCC32]      | (1384) |
| AmiC | A29L040    | [TSOP32 8x14] | (1377) |
| AmiC | A29L040    | [TSOP32 8x20] | (1381) |
| AmiC | A29L040A   |               |        |
| AmiC | A29L040A   | [PLCC32]      | (1384) |
| AmiC | A29L040A   | [TSOP32 8x20] | (1381) |
| AmiC | A29L160AT  | [PSOP44]      | (1356) |
| AmiC | A29L160AT  | [TSOP48]      | (1346) |
| AmiC | A29L160ATG | [TFBGA48]     | (859)  |
| AmiC | A29L160AU  | [PSOP44]      | (1356) |
| AmiC | A29L160AU  | [TSOP48]      | (1346) |
| AmiC | A29L160AUG | [TFBGA48]     | (859)  |

|         |                        |        |
|---------|------------------------|--------|
| AmiC    | A29L160BT [PSOP44]     | (1356) |
| AmiC    | A29L160BT [TSOP48]     | (1346) |
| AmiC    | A29L160BTG [TFBGA48]   | (859)  |
| AmiC    | A29L160BU [PSOP44]     | (1356) |
| AmiC    | A29L160BU [TSOP48]     | (1346) |
| AmiC    | A29L160BUG [TFBGA48]   | (859)  |
| AmiC    | A29L160FT [TSOP48]     | (1346) |
| AmiC    | A29L160FU [TSOP48]     | (1346) |
| AmiC    | A29L160HT [TSOP48]     | (1346) |
| AmiC    | A29L160HTG [TFBGA48]   | (859)  |
| AmiC    | A29L160HU [TSOP48]     | (1346) |
| AmiC    | A29L160HUG [TFBGA48]   | (859)  |
| AmiC    | A29L160T [PSOP44]      | (1356) |
| AmiC    | A29L160T [TSOP48]      | (1346) |
| AmiC    | A29L160TG [TFBGA48]    | (859)  |
| AmiC    | A29L160U [PSOP44]      | (1356) |
| AmiC    | A29L160U [TSOP48]      | (1346) |
| AmiC    | A29L160UG [TFBGA48]    | (859)  |
| AmiC    | A29L320AT [PSOP44]     | (1356) |
| AmiC    | A29L320AT [TSOP48]     | (1346) |
| AmiC    | A29L320ATG [TFBGA48]   | (859)  |
| AmiC    | A29L320AU [PSOP44]     | (1356) |
| AmiC    | A29L320AU [TSOP48]     | (1346) |
| AmiC    | A29L320AUG [TFBGA48]   | (859)  |
| AmiC    | A29L400AT [PSOP44]     | (1356) |
| AmiC    | A29L400AT [TSOP48]     | (1346) |
| AmiC    | A29L400ATG [TFBGA48]   | (859)  |
| AmiC    | A29L400AU [PSOP44]     | (1356) |
| AmiC    | A29L400AU [TSOP48]     | (1346) |
| AmiC    | A29L400AUG [TFBGA48]   | (859)  |
| AmiC    | A29L400T [PSOP44]      | (1356) |
| AmiC    | A29L400T [TSOP48]      | (1346) |
| AmiC    | A29L400TG [TFBGA48]    | (859)  |
| AmiC    | A29L400U [PSOP44]      | (1356) |
| AmiC    | A29L400U [TSOP48]      | (1346) |
| AmiC    | A29L400UG [TFBGA48]    | (859)  |
| AmiC    | A29L640TG [TFBGA48]    | (859)  |
| AmiC    | A29L640TM [SOP44]      | (1356) |
| AmiC    | A29L640TV [TSOP48]     | (1346) |
| AmiC    | A29L640UG [TFBGA48]    | (859)  |
| AmiC    | A29L640UM [SOP44]      | (1356) |
| AmiC    | A29L640UV [TSOP48]     | (1346) |
| AmiC    | A29L800AT [PSOP44]     | (1356) |
| AmiC    | A29L800AT [TSOP48]     | (1346) |
| AmiC    | A29L800ATG [TFBGA48]   | (859)  |
| AmiC    | A29L800AU [PSOP44]     | (1356) |
| AmiC    | A29L800AU [TSOP48]     | (1346) |
| AmiC    | A29L800AUG [TFBGA48]   | (859)  |
| AmiC    | A29L800HT [PSOP44]     | (1356) |
| AmiC    | A29L800HT [TSOP48]     | (1346) |
| AmiC    | A29L800HTG [TFBGA48]   | (859)  |
| AmiC    | A29L800HU [PSOP44]     | (1356) |
| AmiC    | A29L800HU [TSOP48]     | (1346) |
| AmiC    | A29L800HUG [TFBGA48]   | (859)  |
| AmiC    | A29L800T [PSOP44]      | (1356) |
| AmiC    | A29L800T [TSOP48]      | (1346) |
| AmiC    | A29L800TG [TFBGA48]    | (859)  |
| AmiC    | A29L800U [PSOP44]      | (1356) |
| AmiC    | A29L800U [TSOP48]      | (1346) |
| AmiC    | A29L800UG [TFBGA48]    | (859)  |
| AmiC    | A49LF004MT [PLCC32]    | (1384) |
| AmiC    | A49LF004MT [TSOP32]    | (1376) |
| AmiC    | A49LF004T [PLCC32]     | (1384) |
| AmiC    | A49LF004T [TSOP32]     | (1376) |
| AmiC    | A49LF040AT [PLCC32]    | (1384) |
| AmiC    | A49LF040AT [TSOP32]    | (1376) |
| AmiC    | A49LF040T [PLCC32]     | (1384) |
| AmiC    | A49LF040T [TSOP32]     | (1376) |
| AmiC    | A50FW040T [PLCC32]     | (1384) |
| AmiC    | A50FW040T [TSOP32]     | (1376) |
| AmiC    | A50LPW040T [PLCC32]    | (1384) |
| AmiC    | A50LPW040T [TSOP32]    | (1376) |
| AmiC    | A81L801TG [FBGA69]     | (514)  |
| AmiC    | A81L801UG [FBGA69]     | (514)  |
| AmiC    | A82DL1622TG [TFBGA69]  | (514)  |
| AmiC    | A82DL1622UG [TFBGA69]  | (514)  |
| AmiC    | A82DL1624TG [TFBGA69]  | (530)  |
| AmiC    | A82DL1624UG [TFBGA69]  | (530)  |
| AmiC    | A82DL1632TG [TFBGA69]  | (514)  |
| AmiC    | A82DL1632UG [TFBGA69]  | (514)  |
| AmiC    | A82DL1634TG [TFBGA69]  | (530)  |
| AmiC    | A82DL1634UG [TFBGA69]  | (530)  |
| AmiC    | A82DL1642TG [TFBGA69]  | (514)  |
| AmiC    | A82DL1642UG [TFBGA69]  | (514)  |
| AmiC    | A82DL1644TG [TFBGA69]  | (530)  |
| AmiC    | A82DL1644UG [TFBGA69]  | (530)  |
| AmiC    | A82DL32216TG [TFBGA69] | (530)  |
| AmiC    | A82DL32216UG [TFBGA69] | (530)  |
| AmiC    | A82DL3224TG [TFBGA69]  | (530)  |
| AmiC    | A82DL3224UG [TFBGA69]  | (530)  |
| AmiC    | A82DL3228TG [TFBGA69]  | (530)  |
| AmiC    | A82DL3228UG [TFBGA69]  | (530)  |
| AmiC    | A82DL32316TG [TFBGA69] | (530)  |
| AmiC    | A82DL32316UG [TFBGA69] | (530)  |
| AmiC    | A82DL3234TG [TFBGA69]  | (530)  |
| AmiC    | A82DL3234UG [TFBGA69]  | (530)  |
| AmiC    | A82DL3238TG [TFBGA69]  | (530)  |
| AmiC    | A82DL3238UG [TFBGA69]  | (530)  |
| AmiC    | A82DL32416TG [TFBGA69] | (530)  |
| AmiC    | A82DL32416UG [TFBGA69] | (530)  |
| AmiC    | A82DL3244TG [TFBGA69]  | (530)  |
| AmiC    | A82DL3244UG [TFBGA69]  | (530)  |
| AmiC    | A82DL3248TG [TFBGA69]  | (530)  |
| AmiC    | A82DL3248UG [TFBGA69]  | (530)  |
| AmiC    | Ami29LV160BF [FBGA48]  | (983)  |
| AmiC    | Ami29LV160BT [TSOP48]  | (1346) |
| AmiC    | Ami29LV160TF [FBGA48]  | (983)  |
| AmiC    | Ami29LV160TT [TSOP48]  | (1346) |
| AmiC    | AP160F [QFP44]         | (108)  |
| AmiC    | AP160L [PLCC44]        | (67)   |
| Anachip | AM24LC02               |        |
| Anachip | AM24LC02 (ISP)         | (138)  |
| Anachip | AM24LC02 [SOIC8]       | (950)  |
| Anachip | AM24LC02 [TSSOP8]      | (121)  |
| Anachip | AM24LC04               |        |
| Anachip | AM24LC04 (ISP)         | (138)  |
| Anachip | AM24LC04 [SOIC8]       | (950)  |
| Anachip | AM24LC04 [TSSOP8]      | (121)  |
| Anachip | AM24LC08               |        |
| Anachip | AM24LC08 (ISP)         | (138)  |
| Anachip | AM24LC08 [SOIC8]       | (950)  |
| Anachip | AM24LC16               |        |
| Anachip | AM24LC16 (ISP)         | (138)  |
| Anachip | AM24LC16 [SOIC8]       | (950)  |
| Anachip | AM24LC21               |        |
| Anachip | AM24LC21 [SOIC8]       | (950)  |
| Anachip | AM24LC21B              |        |
| Anachip | AM24LC21B [SOIC8]      | (950)  |

|                |                                       |              |
|----------------|---------------------------------------|--------------|
| Anachip        | AM93LC46                              |              |
| Anachip        | AM93LC46 (ISP)                        | (138)        |
| Anachip        | AM93LC46 [SOIC8]                      | (950)        |
| Anachip        | AM93LC46G [SOIC8]                     | (950)        |
| Anachip        | AM93LC56                              |              |
| Anachip        | AM93LC56 (ISP)                        | (138)        |
| Anachip        | AM93LC56 (x8)                         |              |
| Anachip        | AM93LC56 (x8) (ISP)                   | (138)        |
| Anachip        | AM93LC56 (x8) [SOIC8]                 | (950)        |
| Anachip        | AM93LC56 [SOIC8]                      | (950)        |
| Anachip        | AM93LC56G (x8) [SOIC8]                | (950)        |
| Anachip        | AM93LC56G [SOIC8]                     | (950)        |
| Anachip        | AM93LC66                              |              |
| Anachip        | AM93LC66 (x16) (ISP)                  | (138)        |
| Anachip        | AM93LC66 (x8)                         |              |
| Anachip        | AM93LC66 (x8) (ISP)                   | (138)        |
| Anachip        | AM93LC66 (x8) [SOIC8]                 | (950)        |
| Anachip        | AM93LC66 [SOIC8]                      | (950)        |
| Anachip        | AM93LC66G (x8) [SOIC8]                | (950)        |
| Anachip        | AM93LC66G [SOIC8]                     | (950)        |
| Anachip        | AM93LC86                              |              |
| Anachip        | AM93LC86 (x16) (ISP)                  | (138)        |
| Anachip        | AM93LC86 (x8)                         |              |
| Anachip        | AM93LC86 (x8) (ISP)                   | (138)        |
| Anachip        | AM93LC86 (x8) [SOIC8]                 | (950)        |
| Anachip        | AM93LC86 (x8) [TSSOP8]                | (121)        |
| Anachip        | AM93LC86 [SOIC8]                      | (950)        |
| Anachip        | AM93LC86 [TSSOP8]                     | (121)        |
| Anachip        | PA7540J [PLCC28]                      | (48)         |
| Anachip        | PA7540JN [PLCC28]                     | (48)         |
| Anachip        | PA7540P                               |              |
| Anachip        | PA7540S [SOIC24]                      | (1062)       |
| Anachip        | PEEL16CV8                             |              |
| Anachip        | PEEL16CV8 [PLCC20]                    | (47)         |
| Anachip        | PEEL16CV8 [SOIC20]                    | (119)        |
| Anachip        | PEEL16CV8 [TSSOP20]                   | (1089)       |
| Anachip        | PEEL18CV8                             |              |
| Anachip        | PEEL18CV8 [PLCC20]                    | (47)         |
| Anachip        | PEEL18CV8 [SOIC20]                    | (119)        |
| Anachip        | PEEL18CV8 [TSSOP20]                   | (1089)       |
| Anachip        | PEEL18CV8Z                            |              |
| Anachip        | PEEL18CV8Z [PLCC20]                   | (47)         |
| Anachip        | PEEL18CV8Z [SOIC20]                   | (119)        |
| Anachip        | PEEL18CV8Z [TSSOP20]                  | (1089)       |
| Anachip        | PEEL18LV8Z                            |              |
| Anachip        | PEEL18LV8Z [PLCC20]                   | (47)         |
| Anachip        | PEEL18LV8Z [SOIC20]                   | (119)        |
| Anachip        | PEEL18LV8Z [TSSOP20]                  | (1089)       |
| Anachip        | PEEL22CV10                            |              |
| Anachip        | PEEL22CV10 [PLCC28]                   | (48)         |
| Anachip        | PEEL22CV10 [SOIC24]                   | (1062)       |
| Anachip        | PEEL22CV10 [TSSOP24]                  | (1090)       |
| Anachip        | PEEL22CV10A                           |              |
| Anachip        | PEEL22CV10A [PLCC28]                  | (48)         |
| Anachip        | PEEL22CV10A [SOIC24]                  | (1062)       |
| Anachip        | PEEL22CV10A [TSSOP24]                 | (1090)       |
| Anachip        | PEEL22CV10A+                          |              |
| Anachip        | PEEL22CV10A+ [PLCC28]                 | (48)         |
| Anachip        | PEEL22CV10A+ [SOIC24]                 | (1062)       |
| Anachip        | PEEL22CV10A+ [TSSOP24]                | (1090)       |
| Anachip        | PEEL22CV10A++                         |              |
| Anachip        | PEEL22CV10A++ [PLCC28]                | (48)         |
| Anachip        | PEEL22CV10A++ [SOIC24]                | (1062)       |
| Anachip        | PEEL22CV10A++ [TSSOP24]               | (1090)       |
| Anachip        | PEEL22CV10AZ                          |              |
| Anachip        | PEEL22CV10AZ [PLCC28]                 | (48)         |
| Anachip        | PEEL22CV10AZ [SOIC24]                 | (1062)       |
| Anachip        | PEEL22CV10AZ [TSSOP24]                | (1090)       |
| Anachip        | PEEL22CV10AZ+                         |              |
| Anachip        | PEEL22CV10AZ+ [PLCC28]                | (48)         |
| Anachip        | PEEL22CV10AZ+ [SOIC24]                | (1062)       |
| Anachip        | PEEL22CV10AZ+ [TSSOP24]               | (1090)       |
| Anachip        | PEEL22CV10AZ++                        |              |
| Anachip        | PEEL22CV10AZ++ [PLCC28]               | (48)         |
| Anachip        | PEEL22CV10AZ++ [SOIC24]               | (1062)       |
| Anachip        | PEEL22CV10AZ++ [TSSOP24]              | (1090)       |
| Anachip        | PEEL22CV10Z                           |              |
| Anachip        | PEEL22CV10Z [PLCC28]                  | (48)         |
| Anachip        | PEEL22CV10Z [SOIC24]                  | (1062)       |
| Anachip        | PEEL22CV10Z [TSSOP24]                 | (1090)       |
| Anachip        | PEEL22LV10AZ                          |              |
| Anachip        | PEEL22LV10AZ [PLCC28]                 | (48)         |
| Anachip        | PEEL22LV10AZ [SOIC24]                 | (1062)       |
| Anachip        | PEEL22LV10AZ [TSSOP24]                | (1090)       |
| Anachip        | PEEL22LV10AZ+                         |              |
| Anachip        | PEEL22LV10AZ+ [PLCC28]                | (48)         |
| Anachip        | PEEL22LV10AZ+ [SOIC24]                | (1062)       |
| Anachip        | PEEL22LV10AZ+ [TSSOP24]               | (1090)       |
| Anachip        | PEEL22LV10AZ++                        |              |
| Anachip        | PEEL22LV10AZ++ [PLCC28]               | (48)         |
| Anachip        | PEEL22LV10AZ++ [SOIC24]               | (1062)       |
| Anachip        | PEEL22LV10AZ++ [TSSOP24]              | (1090)       |
| Analog Devices | AD5251 [TSSOP14]                      | (1087)       |
| Analog Devices | AD5252 [TSSOP14]                      | (1087)       |
| Analog Devices | AD5253 [TSSOP20]                      | (1089)       |
| Analog Devices | AD5254 [TSSOP20]                      | (1089)       |
| Analog Devices | AD5255 [TSSOP24]                      | (1090)       |
| Analog Devices | ADM1026 [LQFP48]                      | (174)        |
| Analog Devices | ADM1062 [LFCSP40]                     | (885)        |
| Analog Devices | ADM1062 [TQFP48]                      | (174)        |
| Analog Devices | ADM1063 [LFCSP40]                     | (885)        |
| Analog Devices | ADM1063 [TQFP48]                      | (174)        |
| Analog Devices | ADM1064 [TQFP48]                      | (174)        |
| Analog Devices | ADM1065 [LFCSP40]                     | (885)        |
| Analog Devices | ADM1065 [TQFP48]                      | (174)        |
| Analog Devices | ADM1066 [LFCSP40]                     | (885)        |
| Analog Devices | ADM1066 [TQFP48]                      | (174)        |
| Analog Devices | ADM1068 [LQFP32]                      | (159)        |
| Analog Devices | ADM1069 [LQFP32]                      | (159)        |
| Analog Devices | ADM1166 [LFCSP40]                     | (885) (9999) |
| Analog Devices | ADM1166 [TQFP48]                      | (174) (9999) |
| Analog Devices | ADM1168 [LQFP32]                      | (159) (9999) |
| Analog Devices | ADM1266 [LFCSP64] (firmware 01.14.02) | (5001)       |
| Analog Devices | ADP1043 [LFCSP32]                     | (221)        |
| Analog Devices | ADP1043A [LFCSP32]                    | (2352)       |
| Analog Devices | ADP1045 [LFCSP32]                     | (2352)       |
| Analog Devices | ADP1046 [LFCSP32]                     | (2662)       |
| Analog Devices | ADUC7019xxx62 [LFCSP40]               | (3272)       |
| Analog Devices | ADUC7020xxx62 [LFCSP40]               | (3272)       |
| Analog Devices | ADUC7021xxx32 [LFCSP40]               | (3271)       |
| Analog Devices | ADUC7021xxx62 [LFCSP40]               | (3271)       |
| Analog Devices | ADUC7022xxx32 [LFCSP40]               | (3270)       |
| Analog Devices | ADUC7022xxx62 [LFCSP40]               | (3270)       |
| Analog Devices | ADUC7023xxx62I [LFCSP40]              | (3273)       |
| Analog Devices | ADUC7024xxx62 [LFCSP64]               | (3276)       |
| Analog Devices | ADUC7024xxx62 [LQFP64]                | (3282)       |
| Analog Devices | ADUC7025xxx32 [LFCSP64]               | (3276)       |
| Analog Devices | ADUC7025xxx32 [LQFP64]                | (3282)       |

|                   |                                    |               |
|-------------------|------------------------------------|---------------|
| Analog Devices    | ADUC7025xxx62 [LFCSP64]            | (3276)        |
| Analog Devices    | ADUC7025xxx62 [LQFP64]             | (3282)        |
| Analog Devices    | ADUC7026xxx62 [LQFP80]             | (3279)        |
| Analog Devices    | ADUC7027xxx62 [LQFP80]             | (3279)        |
| Analog Devices    | ADUC7032 [LFCSP48]                 | (3275)        |
| Analog Devices    | ADUC7033 [LFCSP48]                 | (3275)        |
| Analog Devices    | ADUC7034 [LFCSP48]                 | (3275)        |
| Analog Devices    | ADUC7036 [LFCSP48]                 | (3275)        |
| Analog Devices    | ADUC7060xxx32 [LFCSP48]            | (3001) (9999) |
| Analog Devices    | ADUC7060xxx32 [LQFP48]             | (2991) (9999) |
| Analog Devices    | ADUC7061xxx32 [LFCSP32]            | (3002) (9999) |
| Analog Devices    | ADUC7124xxx126 [LQFP80]            | (3278)        |
| Analog Devices    | ADUC7126xxx126 [LFCSP64]           | (3281)        |
| Analog Devices    | ADUC7128xxx126 [LFCSP64]           | (3277)        |
| Analog Devices    | ADUC7129xxx126 [LQFP80]            | (3280)        |
| Analog Devices    | ADuC812Bxxx [LFCSP56]              | (1155)        |
| Analog Devices    | ADuC812Bxxx [MQFP52]               | (148)         |
| Analog Devices    | ADuC814Axxx [TSSOP28]              | (172)         |
| Analog Devices    | ADuC814Bxxx [TSSOP28]              | (172)         |
| Analog Devices    | ADuC816Bxxx [MQFP52]               | (918)         |
| Analog Devices    | ADuC824Bxxx [MQFP52]               | (918)         |
| Analog Devices    | ADuC831Bxxx [LFCSP56]              | (1155)        |
| Analog Devices    | ADuC831Bxxx [MQFP52]               | (918)         |
| Analog Devices    | ADuC832Bxxx [LFCSP56]              | (1155)        |
| Analog Devices    | ADuC832Bxxx [MQFP52]               | (918)         |
| Analog Devices    | ADuC834Bxxx [LFCSP56]              | (1155)        |
| Analog Devices    | ADuC834Bxxx [MQFP52]               | (918)         |
| Analog Devices    | ADuC836Bxxx [LFCSP56]              | (1155)        |
| Analog Devices    | ADuC836Bxxx [MQFP52]               | (918)         |
| Analog Devices    | ADUC841Bxxx62-3 [LFCSP56]          | (1155)        |
| Analog Devices    | ADUC841Bxxx62-3 [MQFP52]           | (918)         |
| Analog Devices    | ADUC841Bxxx62-5 [LFCSP56]          | (1155)        |
| Analog Devices    | ADUC841Bxxx62-5 [MQFP52]           | (918)         |
| Analog Devices    | ADUC841Bxxx8-3 [LFCSP56]           | (1155)        |
| Analog Devices    | ADUC841Bxxx8-5 [LFCSP56]           | (1155)        |
| Analog Devices    | ADUC842Bxxx32-3 [LFCSP56]          | (1155)        |
| Analog Devices    | ADUC842Bxxx32-5 [LFCSP56]          | (1155)        |
| Analog Devices    | ADUC842Bxxx62-3 [LFCSP56]          | (1155)        |
| Analog Devices    | ADUC842Bxxx62-3 [MQFP52]           | (918)         |
| Analog Devices    | ADUC842Bxxx62-5 [LFCSP56]          | (1155)        |
| Analog Devices    | ADUC842Bxxx62-5 [MQFP52]           | (918)         |
| Analog Devices    | ADUC842Bxxx8-3 [LFCSP56]           | (1155)        |
| Analog Devices    | ADUC842Bxxx8-5 [LFCSP56]           | (1155)        |
| Analog Devices    | ADUC843Bxxx32-3 [LFCSP56]          | (1155)        |
| Analog Devices    | ADUC843Bxxx32-5 [LFCSP56]          | (1155)        |
| Analog Devices    | ADUC843Bxxx62-3 [LFCSP56]          | (1155)        |
| Analog Devices    | ADUC843Bxxx62-3 [MQFP52]           | (918)         |
| Analog Devices    | ADUC843Bxxx62-5 [LFCSP56]          | (1155)        |
| Analog Devices    | ADUC843Bxxx62-5 [MQFP52]           | (918)         |
| Analog Devices    | ADUC843Bxxx8-3 [LFCSP56]           | (1155)        |
| Analog Devices    | ADUC843Bxxx8-5 [LFCSP56]           | (1155)        |
| Analog Devices    | ADUC845Bxxx62-3 [LFCSP56]          | (1156)        |
| Analog Devices    | ADUC845Bxxx62-3 [MQFP52]           | (918)         |
| Analog Devices    | ADUC845Bxxx62-5 [LFCSP56]          | (1156)        |
| Analog Devices    | ADUC845Bxxx62-5 [MQFP52]           | (918)         |
| Analog Devices    | ADUC845Bxxx8-3 [LFCSP56]           | (1156)        |
| Analog Devices    | ADUC845Bxxx8-3 [MQFP52]            | (918)         |
| Analog Devices    | ADUC845Bxxx8-5 [LFCSP56]           | (1156)        |
| Analog Devices    | ADUC845Bxxx8-5 [MQFP52]            | (918)         |
| Analog Devices    | ADUC847Bxxx32-3 [MQFP52]           | (918)         |
| Analog Devices    | ADUC847Bxxx32-5 [MQFP52]           | (918)         |
| Analog Devices    | ADUC847Bxxx62-3 [LFCSP56]          | (1156)        |
| Analog Devices    | ADUC847Bxxx62-3 [MQFP52]           | (918)         |
| Analog Devices    | ADUC847Bxxx62-5 [LFCSP56]          | (1156)        |
| Analog Devices    | ADUC847Bxxx62-5 [MQFP52]           | (918)         |
| Analog Devices    | ADUC847Bxxx8-3 [LFCSP56]           | (1156)        |
| Analog Devices    | ADUC847Bxxx8-3 [MQFP52]            | (918)         |
| Analog Devices    | ADUC847Bxxx8-5 [LFCSP56]           | (1156)        |
| Analog Devices    | ADUC847Bxxx8-5 [MQFP52]            | (918)         |
| Analog Devices    | ADUC848Bxxx32-3 [MQFP52]           | (918)         |
| Analog Devices    | ADUC848Bxxx32-5 [MQFP52]           | (918)         |
| Analog Devices    | ADUC848Bxxx62-3 [LFCSP56]          | (1156)        |
| Analog Devices    | ADUC848Bxxx62-3 [MQFP52]           | (918)         |
| Analog Devices    | ADUC848Bxxx62-5 [LFCSP56]          | (1156)        |
| Analog Devices    | ADUC848Bxxx62-5 [MQFP52]           | (918)         |
| Analog Devices    | ADUC848Bxxx8-3 [LFCSP56]           | (1156)        |
| Analog Devices    | ADUC848Bxxx8-3 [MQFP52]            | (918)         |
| Analog Devices    | ADUC848Bxxx8-5 [LFCSP56]           | (1156)        |
| Analog Devices    | ADUC848Bxxx8-5 [MQFP52]            | (918)         |
| Analog Devices    | ADUCM310 [BGA112]                  | (4358)        |
| Analog Devices    | ADUCM320 [BGA96]                   | (3403)        |
| Analog Devices    | ADUCM360 [LFCSP48] (SWD)           | (2854)        |
| Analog Devices    | ADUCM360 [LFCSP48] (UART)          | (2854)        |
| Analog Devices    | ADUCM361 [LFCSP48] (SWD)           | (2854)        |
| Analog Devices    | ADUCM361 [LFCSP48] (UART)          | (2854)        |
| Analog Devices    | ADUCM362xxxx128xxx [LFCSP48] (SWD) | (2854)        |
| Analog Devices    | ADUCM362xxxx256xxx [LFCSP48] (SWD) | (2854)        |
| Analog Devices    | ADUCM363xxxx128xxx [LFCSP48] (SWD) | (2854)        |
| Analog Devices    | ADUCM363xxxx256xxx [LFCSP48] (SWD) | (2854)        |
| Analog Devices    | ANX6863 [WQFN40]                   | (3135)        |
| Angstrom          | K5004PC2                           |               |
| Angstrom          | K5004PC2 (ISP)                     | (138)         |
| Angstrom          | K5004PC2 [SOIC8]                   | (950)         |
| Angstrom          | K5004PP4                           |               |
| Angstrom          | K5004PP4 (ISP)                     | (138)         |
| Angstrom          | KP5004PC1                          |               |
| Angstrom          | KP5004PC1 (ISP)                    | (138)         |
| Angstrom          | KP5004PC1 [SOIC8]                  | (950)         |
| Anvo-Systems      | ANV32C81W [SOP8-150]               | (5074)        |
| Anvo-Systems      | ANV32C91W [SOP8-150]               | (5074)        |
| Anvo-Systems      | ANV32E61W [SOP8-150]               | (5074)        |
| Apacer Technology | AP-MSD04GCS4P-1TM                  | (2376)        |
| Apacer Technology | AP-MSD08GCS4P-1TM                  | (2376)        |
| Apacer Technology | AP-MSD08GIA-1GTM                   | (2376)        |
| Apacer Technology | AP-MSD16GCD4P-1TM                  | (2376)        |
| Apacer Technology | AP-MSD32GCH4P-1TM                  | (2376)        |
| Aplus Flash Tech. | AF248C01                           |               |
| Aplus Flash Tech. | AF248C01 (ISP)                     | (138)         |
| Aplus Flash Tech. | AF248C01 [SOIC8]                   | (950)         |
| Aplus Flash Tech. | AF248C01 [TSSOP8]                  | (121)         |
| Aplus Flash Tech. | AF248C02                           |               |
| Aplus Flash Tech. | AF248C02 (ISP)                     | (138)         |
| Aplus Flash Tech. | AF248C02 [SOIC8]                   | (950)         |
| Aplus Flash Tech. | AF248C02 [TSSOP8]                  | (121)         |
| Aplus Flash Tech. | AF248C04                           |               |
| Aplus Flash Tech. | AF248C04 (ISP)                     | (138)         |
| Aplus Flash Tech. | AF248C04 [SOIC8]                   | (950)         |
| Aplus Flash Tech. | AF248C04 [TSSOP8]                  | (121)         |
| Aplus Flash Tech. | AF248C08                           |               |
| Aplus Flash Tech. | AF248C08 (ISP)                     | (138)         |
| Aplus Flash Tech. | AF248C08 [SOIC8]                   | (950)         |
| Aplus Flash Tech. | AF248C08 [TSSOP8]                  | (121)         |
| Aplus Flash Tech. | AF248C128                          |               |
| Aplus Flash Tech. | AF248C128 (ISP)                    | (138)         |
| Aplus Flash Tech. | AF248C128 [SOIC8]                  | (950)         |
| Aplus Flash Tech. | AF248C128 [TSSOP8]                 | (121)         |
| Aplus Flash Tech. | AF248C16                           |               |
| Aplus Flash Tech. | AF248C16 (ISP)                     | (138)         |



|                   |                            |        |
|-------------------|----------------------------|--------|
| Aplus Flash Tech. | AF24BC16 [SOIC8]           | (950)  |
| Aplus Flash Tech. | AF24BC16 [TSSOP8]          | (121)  |
| Aplus Flash Tech. | AF24BC256                  |        |
| Aplus Flash Tech. | AF24BC256 (ISP)            | (138)  |
| Aplus Flash Tech. | AF24BC256 [SOIC8]          | (950)  |
| Aplus Flash Tech. | AF24BC256 [TSSOP8]         | (121)  |
| Aplus Flash Tech. | AF24BC32                   |        |
| Aplus Flash Tech. | AF24BC32 (ISP)             | (138)  |
| Aplus Flash Tech. | AF24BC32 [SOIC8]           | (950)  |
| Aplus Flash Tech. | AF24BC32 [TSSOP8]          | (121)  |
| Aplus Flash Tech. | AF24BC64                   |        |
| Aplus Flash Tech. | AF24BC64 (ISP)             | (138)  |
| Aplus Flash Tech. | AF24BC64 [SOIC8]           | (950)  |
| Aplus Flash Tech. | AF24BC64 [TSSOP8]          | (121)  |
| Aplus Flash Tech. | AF93BC46 (x16)             |        |
| Aplus Flash Tech. | AF93BC46 (x16) (ISP)       | (138)  |
| Aplus Flash Tech. | AF93BC46 (x16) [TSSOP8]    | (121)  |
| Aplus Flash Tech. | AF93BC46 (x16) [SOIC8-150] | (950)  |
| Aplus Flash Tech. | AF93BC46 (x8)              |        |
| Aplus Flash Tech. | AF93BC46 (x8) (ISP)        | (138)  |
| Aplus Flash Tech. | AF93BC46 (x8) [SOIC8-150]  | (950)  |
| Aplus Flash Tech. | AF93BC46 (x8) [TSSOP8]     | (121)  |
| Aplus Flash Tech. | AF93BC56 (x16)             |        |
| Aplus Flash Tech. | AF93BC56 (x16) (ISP)       | (138)  |
| Aplus Flash Tech. | AF93BC56 (x16) [TSSOP8]    | (121)  |
| Aplus Flash Tech. | AF93BC56 (x16) [SOIC8-150] | (950)  |
| Aplus Flash Tech. | AF93BC56 (x8)              |        |
| Aplus Flash Tech. | AF93BC56 (x8) (ISP)        | (138)  |
| Aplus Flash Tech. | AF93BC56 (x8) [SOIC8-150]  | (950)  |
| Aplus Flash Tech. | AF93BC56 (x8) [TSSOP8]     | (121)  |
| Aplus Flash Tech. | AF93BC66 (x16)             |        |
| Aplus Flash Tech. | AF93BC66 (x16) (ISP)       | (138)  |
| Aplus Flash Tech. | AF93BC66 (x16) [TSSOP8]    | (121)  |
| Aplus Flash Tech. | AF93BC66 (x16) [SOIC8-150] | (950)  |
| Aplus Flash Tech. | AF93BC66 (x8)              |        |
| Aplus Flash Tech. | AF93BC66 (x8) (ISP)        | (138)  |
| Aplus Flash Tech. | AF93BC66 (x8) [SOIC8-150]  | (950)  |
| Aplus Flash Tech. | AF93BC66 (x8) [TSSOP8]     | (121)  |
| Aplus Flash Tech. | AF93BC86 (x16)             |        |
| Aplus Flash Tech. | AF93BC86 (x16) (ISP)       | (138)  |
| Aplus Flash Tech. | AF93BC86 (x16) [TSSOP8]    | (121)  |
| Aplus Flash Tech. | AF93BC86 (x16) [SOIC8-150] | (950)  |
| Aplus Flash Tech. | AF93BC86 (x8)              |        |
| Aplus Flash Tech. | AF93BC86 (x8) (ISP)        | (138)  |
| Aplus Flash Tech. | AF93BC86 (x8) [SOIC8-150]  | (950)  |
| Aplus Flash Tech. | AF93BC86 (x8) [TSSOP8]     | (121)  |
| APTA Group        | MF8126W [PLCC32]           | (1399) |
| APTA Group        | MF8516J [PLCC32]           | (1399) |
| APTA Group        | MF8516S [DIL32]            |        |
| Artschip          | 24AA128                    |        |
| Artschip          | 24AA128 (ISP)              | (138)  |
| Artschip          | 24AA128 [SOIC8]            | (950)  |
| Artschip          | 24AA128 [TSSOP14]          | (1087) |
| Artschip          | 24AA64                     |        |
| Artschip          | 24AA64 (ISP)               | (138)  |
| Artschip          | 24AA64 [SOIC8]             | (950)  |
| Artschip          | 24AA64 [TSSOP8]            | (121)  |
| Artschip          | 24LC02B                    |        |
| Artschip          | 24LC02B (ISP)              | (138)  |
| Artschip          | 24LC02B [DFN8]             | (2995) |
| Artschip          | 24LC02B [MSOP8]            | (605)  |
| Artschip          | 24LC02B [SOIC8]            | (950)  |
| Artschip          | 24LC02B [SOT23-5]          | (523)  |
| Artschip          | 24LC02B [TSSOP8]           | (121)  |
| Artschip          | 24LC04B                    |        |
| Artschip          | 24LC04B (ISP)              | (138)  |
| Artschip          | 24LC04B [DFN8]             | (2995) |
| Artschip          | 24LC04B [MSOP8]            | (605)  |
| Artschip          | 24LC04B [SOIC8]            | (950)  |
| Artschip          | 24LC04B [SOT23-5]          | (523)  |
| Artschip          | 24LC04B [TSSOP8]           | (121)  |
| Artschip          | 24LC08B                    |        |
| Artschip          | 24LC08B (ISP)              | (138)  |
| Artschip          | 24LC08B [DFN8]             | (2995) |
| Artschip          | 24LC08B [MSOP8]            | (605)  |
| Artschip          | 24LC08B [SOIC8]            | (950)  |
| Artschip          | 24LC08B [SOT23-5]          | (523)  |
| Artschip          | 24LC08B [TSSOP8]           | (121)  |
| Artschip          | 24LC128                    |        |
| Artschip          | 24LC128 (ISP)              | (138)  |
| Artschip          | 24LC128 [SOIC8]            | (950)  |
| Artschip          | 24LC128 [TSSOP14]          | (1087) |
| Artschip          | 24LC16B                    |        |
| Artschip          | 24LC16B (ISP)              | (138)  |
| Artschip          | 24LC16B [DFN8]             | (2995) |
| Artschip          | 24LC16B [MSOP8]            | (605)  |
| Artschip          | 24LC16B [SOIC8]            | (950)  |
| Artschip          | 24LC16B [SOT23-5]          | (523)  |
| Artschip          | 24LC16B [TSSOP8]           | (121)  |
| Artschip          | 24LC32B                    |        |
| Artschip          | 24LC32B (ISP)              | (138)  |
| Artschip          | 24LC32B [SOIC14]           | (951)  |
| Artschip          | 24LC32B [SOIC8]            | (950)  |
| Artschip          | 24LC32B [TSSOP8]           | (121)  |
| Artschip          | 24LC64                     |        |
| Artschip          | 24LC64 (ISP)               | (138)  |
| Artschip          | 24LC64 [SOIC8]             | (950)  |
| Artschip          | 24LC64 [TSSOP8]            | (121)  |
| Artschip          | 24LC64B                    |        |
| Artschip          | 24LC64B (ISP)              | (138)  |
| Artschip          | 24LC64B [SOIC14]           | (951)  |
| Artschip          | 24LC64B [SOIC8]            | (950)  |
| Artschip          | 24LC64B [TSSOP8]           | (121)  |
| Artschip          | DS2502 (ISP)               | (138)  |
| Artschip          | DS2502 [SOIC8]             | (950)  |
| Artschip          | DS2502 [TO-92]             |        |
| Artschip          | DS2502 [TSOC6]             | (3336) |
| ASD               | AE29F1008                  |        |
| ASD               | AE29F1008 [PLCC32]         | (1399) |
| ASD               | AE29F2008                  |        |
| ASD               | AE29F2008 [PLCC32]         | (1399) |
| ASD               | AE49F2008                  |        |
| ASD               | AE49F2008 [PLCC32]         | (1399) |
| ASD               | AE49F2008 [TSOP32]         | (1414) |
| Asic Microelect.  | AX24C02 (ISP)              | (138)  |
| Asic Microelect.  | AX24C02 [SOP8]             | (950)  |
| Asic Microelect.  | AX24C08 (ISP)              | (138)  |
| Asic Microelect.  | AX24C08 [SOP8]             | (950)  |
| Asic Microelect.  | AX24C16 (ISP)              | (138)  |
| Asic Microelect.  | AX24C16 [SOP8]             | (950)  |
| Asic Microelect.  | AX24C32 (ISP)              | (138)  |
| Asic Microelect.  | AX24C32 [SOP8]             | (950)  |
| ASIX Electronics  | AX11001 [LQFP80]           | (947)  |
| ASIX Electronics  | AX11005 [LQFP80]           | (947)  |
| ASIX Electronics  | AX11015 [LQFP128]          | (944)  |
| ASP               | AP827C51                   |        |
| ASP               | AP827C51 [PLCC44]          | (67)   |
| ASP               | AP827C52                   |        |

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|-------|--------------------------|-------|
| ASP   | AP827C52 [PLCC44]        | (67)  |
| ASP   | AP827C54                 |       |
| ASP   | AP827C54 [PLCC44]        | (67)  |
| ASP   | AP827C58                 |       |
| ASP   | AP827C58 [PLCC44]        | (67)  |
| ATC   | 24C02                    |       |
| ATC   | 24C02 (ISP)              | (138) |
| ATC   | 24C02 [SOIC8]            | (950) |
| ATC   | 24C02 [TSSOP8]           | (121) |
| ATC   | 24C04                    |       |
| ATC   | 24C04 (ISP)              | (138) |
| ATC   | 24C04 [SOIC8]            | (950) |
| ATC   | 24C04 [TSSOP8]           | (121) |
| ATC   | 24C08                    |       |
| ATC   | 24C08 (ISP)              | (138) |
| ATC   | 24C08 [SOIC8]            | (950) |
| ATC   | 24C08 [TSSOP8]           | (121) |
| ATC   | 24LC02                   |       |
| ATC   | 24LC02 (ISP)             | (138) |
| ATC   | 24LC02 [SOIC8]           | (950) |
| ATC   | 24LC02 [TSSOP8]          | (121) |
| ATC   | 24LC04                   |       |
| ATC   | 24LC04 (ISP)             | (138) |
| ATC   | 24LC04 [SOIC8]           | (950) |
| ATC   | 24LC04 [TSSOP8]          | (121) |
| ATC   | AM24C02                  |       |
| ATC   | AM24C02 (ISP)            | (138) |
| ATC   | AM24C02 [SOIC8]          | (950) |
| ATC   | AM24C02 [TSSOP8]         | (121) |
| ATC   | AM24C04                  |       |
| ATC   | AM24C04 (ISP)            | (138) |
| ATC   | AM24C04 [SOIC8]          | (950) |
| ATC   | AM24C04 [TSSOP8]         | (121) |
| ATC   | AM24C08                  |       |
| ATC   | AM24C08 (ISP)            | (138) |
| ATC   | AM24C08 [SOIC8]          | (950) |
| ATC   | AM24C08 [TSSOP8]         | (121) |
| ATC   | AM24LC02                 |       |
| ATC   | AM24LC02 (ISP)           | (138) |
| ATC   | AM24LC02 [SOIC8]         | (950) |
| ATC   | AM24LC02 [TSSOP8]        | (121) |
| ATC   | AM24LC02W                |       |
| ATC   | AM24LC02W (ISP)          | (138) |
| ATC   | AM24LC02W [SOIC8]        | (950) |
| ATC   | AM24LC04                 |       |
| ATC   | AM24LC04 (ISP)           | (138) |
| ATC   | AM24LC04 [SOIC8]         | (950) |
| ATC   | AM24LC04 [TSSOP8]        | (121) |
| ATC   | AM24LC08                 |       |
| ATC   | AM24LC08 (ISP)           | (138) |
| ATC   | AM24LC08 [SOIC8]         | (950) |
| ATC   | AM24LC16                 |       |
| ATC   | AM24LC16 (ISP)           | (138) |
| ATC   | AM24LC16 [SOIC8]         | (950) |
| ATC   | ATC93C46                 |       |
| ATC   | ATC93C46 (ISP)           | (138) |
| ATC   | ATC93C46 [SOIC8]         | (950) |
| ATC   | ATC93C56 (x16)           |       |
| ATC   | ATC93C56 (x16) (ISP)     | (138) |
| ATC   | ATC93C56 (x16) [SOIC8]   | (950) |
| ATC   | ATC93C56 (x8)            |       |
| ATC   | ATC93C56 (x8) (ISP)      | (138) |
| ATC   | ATC93C56 (x8) [SOIC8]    | (950) |
| ATC   | ATC93C66 (x16)           |       |
| ATC   | ATC93C66 (x16) (ISP)     | (138) |
| ATC   | ATC93C66 (x16) [SOIC8]   | (950) |
| ATC   | ATC93C66 (x8)            |       |
| ATC   | ATC93C66 (x8) (ISP)      | (138) |
| ATC   | ATC93C66 (x8) [SOIC8]    | (950) |
| ATC   | ATC93LC46                |       |
| ATC   | ATC93LC46 (ISP)          | (138) |
| ATC   | ATC93LC46 [SOIC8]        | (950) |
| ATC   | ATC93LC56 (x16)          |       |
| ATC   | ATC93LC56 (x16) (ISP)    | (138) |
| ATC   | ATC93LC56 (x16) [SOIC8]  | (950) |
| ATC   | ATC93LC56 (x8)           |       |
| ATC   | ATC93LC56 (x8) (ISP)     | (138) |
| ATC   | ATC93LC56 (x8) [SOIC8]   | (950) |
| ATC   | ATC93LC56G (x16) [SOIC8] | (950) |
| ATC   | ATC93LC56G (x8) [SOIC8]  | (950) |
| ATC   | ATC93LC66 (x16)          |       |
| ATC   | ATC93LC66 (x16) (ISP)    | (138) |
| ATC   | ATC93LC66 (x16) [SOIC8]  | (950) |
| ATC   | ATC93LC66 (x8)           |       |
| ATC   | ATC93LC66 (x8) (ISP)     | (138) |
| ATC   | ATC93LC66 (x8) [SOIC8]   | (950) |
| ATC   | ATC93LC66G (x16) [SOIC8] | (950) |
| ATC   | ATC93LC66G (x8) [SOIC8]  | (950) |
| Atmel | 89C51RB2-xL (ISP)        | (138) |
| Atmel | 89C51RB2-xM              |       |
| Atmel | 89C51RB2-xM (ISP)        | (138) |
| Atmel | 89C51RB2-xM [PLCC44]     | (67)  |
| Atmel | 89C51RB2-xM [VQFP44]     | (94)  |
| Atmel | 89C51RC2-xL (ISP)        | (138) |
| Atmel | 89C51RC2-xM              |       |
| Atmel | 89C51RC2-xM (ISP)        | (138) |
| Atmel | 89C51RC2-xM [PLCC44]     | (67)  |
| Atmel | 89C51RC2-xM [VQFP44]     | (94)  |
| Atmel | 89C51RD2-xL              |       |
| Atmel | 89C51RD2-xL (ISP)        | (138) |
| Atmel | 89C51RD2-xL [PLCC44]     | (67)  |
| Atmel | 89C51RD2-xL [PLCC68]     | (178) |
| Atmel | 89C51RD2-xL [VQFP44]     | (94)  |
| Atmel | 89C51RD2-xL [VQFP64]     | (152) |
| Atmel | 89C51RD2-xM              |       |
| Atmel | 89C51RD2-xM (ISP)        | (138) |
| Atmel | 89C51RD2-xM [PLCC44]     | (67)  |
| Atmel | 89C51RD2-xM [PLCC68]     | (178) |
| Atmel | 89C51RD2-xM [VQFP44]     | (94)  |
| Atmel | 89C51RD2-xM [VQFP64]     | (152) |
| Atmel | AT17C002 [LAP8]          | (694) |
| Atmel | AT17C002 [PLCC20]        | (47)  |
| Atmel | AT17C002 [PLCC44]        | (67)  |
| Atmel | AT17C002 [TQFP44]        | (94)  |
| Atmel | AT17C002A [PLCC20]       | (47)  |
| Atmel | AT17C002A [TQFP32]       | (159) |
| Atmel | AT17C010                 |       |
| Atmel | AT17C010 [PLCC20]        | (47)  |
| Atmel | AT17C010A                |       |
| Atmel | AT17C010A [PLCC20]       | (47)  |
| Atmel | AT17C010A [TQFP32]       | (159) |
| Atmel | AT17C020 [PLCC20]        | (47)  |
| Atmel | AT17C020A [PLCC20]       | (47)  |
| Atmel | AT17C040A [TQFP32]       | (159) |
| Atmel | AT17C128                 |       |
| Atmel | AT17C128 (ISP)           | (138) |
| Atmel | AT17C128 [PLCC20]        | (47)  |
| Atmel | AT17C128 [SOIC20]        | (119) |

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| Atmel | AT17C128A (ISP)         | (138)  |
| Atmel | AT17C128A [PLCC20]      | (47)   |
| Atmel | AT17C128A [SOIC20]      | (119)  |
| Atmel | AT17C256                |        |
| Atmel | AT17C256 (ISP)          | (138)  |
| Atmel | AT17C256 [PLCC20]       | (47)   |
| Atmel | AT17C256 [SOIC20]       | (119)  |
| Atmel | AT17C256A (ISP)         | (138)  |
| Atmel | AT17C256A [PLCC20]      | (47)   |
| Atmel | AT17C256A [SOIC20]      | (119)  |
| Atmel | AT17C512                |        |
| Atmel | AT17C512 [PLCC20]       | (47)   |
| Atmel | AT17C512A               |        |
| Atmel | AT17C512A [PLCC20]      | (47)   |
| Atmel | AT17C65                 |        |
| Atmel | AT17C65 (ISP)           | (138)  |
| Atmel | AT17C65 [PLCC20]        | (47)   |
| Atmel | AT17C65 [SOIC20]        | (119)  |
| Atmel | AT17C65A (ISP)          | (138)  |
| Atmel | AT17C65A [PLCC20]       | (47)   |
| Atmel | AT17C65A [SOIC20]       | (119)  |
| Atmel | AT17F040 [LAP8]         | (694)  |
| Atmel | AT17F040 [PLCC20]       | (47)   |
| Atmel | AT17F040A [LAP8]        | (694)  |
| Atmel | AT17F040A [PLCC20]      | (47)   |
| Atmel | AT17F040A [TQFP32]      | (159)  |
| Atmel | AT17F040--xxvJ [PLCC20] | (47)   |
| Atmel | AT17F080 [LAP8]         | (694)  |
| Atmel | AT17F080 [PLCC20]       | (47)   |
| Atmel | AT17F080 [PLCC44]       | (67)   |
| Atmel | AT17F080 [TQFP44]       | (94)   |
| Atmel | AT17F080A [LAP8]        | (694)  |
| Atmel | AT17F080A [PLCC20]      | (47)   |
| Atmel | AT17F080A [TQFP32]      | (159)  |
| Atmel | AT17F16 [LAP8]          | (694)  |
| Atmel | AT17F16 [PLCC20]        | (47)   |
| Atmel | AT17F16 [PLCC44]        | (67)   |
| Atmel | AT17F16 [TQFP44]        | (94)   |
| Atmel | AT17F16A [LAP8]         | (694)  |
| Atmel | AT17F16A [PLCC20]       | (47)   |
| Atmel | AT17F32 [PLCC44]        | (67)   |
| Atmel | AT17F32A [PLCC44]       | (67)   |
| Atmel | AT17LV002 [LAP8]        | (694)  |
| Atmel | AT17LV002 [PLCC20]      | (47)   |
| Atmel | AT17LV002 [PLCC44]      | (67)   |
| Atmel | AT17LV002 [SOIC20]      | (119)  |
| Atmel | AT17LV002 [TQFP44]      | (94)   |
| Atmel | AT17LV002A [PLCC20]     | (47)   |
| Atmel | AT17LV002A [TQFP32]     | (159)  |
| Atmel | AT17LV010               |        |
| Atmel | AT17LV010 [FP28]        | (1010) |
| Atmel | AT17LV010 [LAP8]        | (694)  |
| Atmel | AT17LV010 [PLCC20]      | (47)   |
| Atmel | AT17LV010 [SOIC20]      | (119)  |
| Atmel | AT17LV010A              |        |
| Atmel | AT17LV010A [PLCC20]     | (47)   |
| Atmel | AT17LV010A [TQFP32]     | (159)  |
| Atmel | AT17LV020 [PLCC20]      | (47)   |
| Atmel | AT17LV020A [PLCC20]     | (47)   |
| Atmel | AT17LV040 [PLCC44]      | (67)   |
| Atmel | AT17LV040 [TQFP44]      | (94)   |
| Atmel | AT17LV040A [PLCC44]     | (67)   |
| Atmel | AT17LV040A [TQFP32]     | (159)  |
| Atmel | AT17LV128               |        |
| Atmel | AT17LV128 (ISP)         | (138)  |
| Atmel | AT17LV128 [LAP8]        | (694)  |
| Atmel | AT17LV128 [PLCC20]      | (47)   |
| Atmel | AT17LV128 [SOIC20]      | (119)  |
| Atmel | AT17LV128 [SOIC8]       | (950)  |
| Atmel | AT17LV128A              |        |
| Atmel | AT17LV128A (ISP)        | (138)  |
| Atmel | AT17LV128A [PLCC20]     | (47)   |
| Atmel | AT17LV128A [SOIC20]     | (119)  |
| Atmel | AT17LV256               |        |
| Atmel | AT17LV256 (ISP)         | (138)  |
| Atmel | AT17LV256 [LAP8]        | (694)  |
| Atmel | AT17LV256 [PLCC20]      | (47)   |
| Atmel | AT17LV256 [SOIC20]      | (119)  |
| Atmel | AT17LV256 [SOIC8]       | (950)  |
| Atmel | AT17LV256A              |        |
| Atmel | AT17LV256A (ISP)        | (138)  |
| Atmel | AT17LV256A [PLCC20]     | (47)   |
| Atmel | AT17LV256A [SOIC20]     | (119)  |
| Atmel | AT17LV512               |        |
| Atmel | AT17LV512 (ISP)         | (138)  |
| Atmel | AT17LV512 [LAP8]        | (694)  |
| Atmel | AT17LV512 [PLCC20]      | (47)   |
| Atmel | AT17LV512 [SOIC20]      | (119)  |
| Atmel | AT17LV512A              |        |
| Atmel | AT17LV512A (ISP)        | (138)  |
| Atmel | AT17LV512A [PLCC20]     | (47)   |
| Atmel | AT17LV65                |        |
| Atmel | AT17LV65 (ISP)          | (138)  |
| Atmel | AT17LV65 [LAP8]         | (694)  |
| Atmel | AT17LV65 [PLCC20]       | (47)   |
| Atmel | AT17LV65 [SOIC20]       | (119)  |
| Atmel | AT17LV65 [SOIC8]        | (950)  |
| Atmel | AT17LV65A (ISP)         | (138)  |
| Atmel | AT17LV65A [PLCC20]      | (47)   |
| Atmel | AT17LV65A [SOIC20]      | (119)  |
| Atmel | AT17N002 [LAP8]         | (694)  |
| Atmel | AT17N002 [SOIC20]       | (119)  |
| Atmel | AT17N002 [TQFP44]       | (94)   |
| Atmel | AT17N010                |        |
| Atmel | AT17N010 [LAP8]         | (694)  |
| Atmel | AT17N010 [SOIC20]       | (119)  |
| Atmel | AT17N040 [TQFP44]       | (94)   |
| Atmel | AT17N256                |        |
| Atmel | AT17N256 [SOIC20]       | (119)  |
| Atmel | AT17N256 [SOIC8]        | (950)  |
| Atmel | AT17N512                |        |
| Atmel | AT17N512 [LAP8]         | (694)  |
| Atmel | AT17N512 [SOIC20]       | (119)  |
| Atmel | AT18F002 (ISP)          | (138)  |
| Atmel | AT18F002 [TSSOP20]      | (1089) |
| Atmel | AT18F010 (ISP)          | (138)  |
| Atmel | AT18F010 [TSSOP20]      | (1089) |
| Atmel | AT18F040 (ISP)          | (138)  |
| Atmel | AT18F040 [TSSOP20]      | (1089) |
| Atmel | AT18F080 (ISP)          | (138)  |
| Atmel | AT18F080 [TSSOP20]      | (1089) |
| Atmel | AT22LV10                |        |
| Atmel | AT22LV10 [PLCC28]       | (48)   |
| Atmel | AT22LV10 [SOIC24]       | (1062) |
| Atmel | AT22LV10L               |        |
| Atmel | AT22LV10L [PLCC28]      | (48)   |
| Atmel | AT22LV10L [SOIC24]      | (1062) |
| Atmel | AT22V10                 |        |

|       |           |                |        |
|-------|-----------|----------------|--------|
| Atmel | AT22V10   | [PLCC28]       | (48)   |
| Atmel | AT22V10   | [SOIC24]       | (1062) |
| Atmel | AT22V10L  |                |        |
| Atmel | AT22V10L  | [PLCC28]       | (48)   |
| Atmel | AT22V10L  | [SOIC24]       | (1062) |
| Atmel | AT24C01   |                |        |
| Atmel | AT24C01   | (ISP)          | (138)  |
| Atmel | AT24C01   | [MSOP8]        | (605)  |
| Atmel | AT24C01   | [SOIC8]        | (950)  |
| Atmel | AT24C01   | [TSSOP8]       | (121)  |
| Atmel | AT24C01A  |                |        |
| Atmel | AT24C01A  | (ISP)          | (138)  |
| Atmel | AT24C01A  | [dBGAA2-8U3-1] | (548)  |
| Atmel | AT24C01A  | [MAP8]         | (930)  |
| Atmel | AT24C01A  | [SOIC8]        | (950)  |
| Atmel | AT24C01A  | [SOT23-5]      | (523)  |
| Atmel | AT24C01A  | [TSSOP8]       | (121)  |
| Atmel | AT24C01B  |                |        |
| Atmel | AT24C01B  | (ISP)          | (138)  |
| Atmel | AT24C01B  | [dBGAA2-8U3-1] | (548)  |
| Atmel | AT24C01B  | [MLP8]         | (4538) |
| Atmel | AT24C01B  | [SOIC8]        | (950)  |
| Atmel | AT24C01B  | [SOT23-5]      | (523)  |
| Atmel | AT24C01B  | [TSSOP8]       | (121)  |
| Atmel | AT24C01C  |                |        |
| Atmel | AT24C01C  | (ISP)          | (138)  |
| Atmel | AT24C01C  | [SOIC8]        | (950)  |
| Atmel | AT24C01C  | [SOT23-5]      | (523)  |
| Atmel | AT24C01C  | [TSSOP8]       | (121)  |
| Atmel | AT24C01C  | [UDFN8]        | (4538) |
| Atmel | AT24C01C  | [VFBGA-8U3-1]  | (548)  |
| Atmel | AT24C01D  |                |        |
| Atmel | AT24C01D  | (ISP)          | (138)  |
| Atmel | AT24C01D  | [SOIC8-150]    | (950)  |
| Atmel | AT24C01D  | [SOT23-5]      | (523)  |
| Atmel | AT24C01D  | [TSSOP8]       | (121)  |
| Atmel | AT24C01D  | [UDFN8-2x3]    | (4538) |
| Atmel | AT24C01D  | [VFBGA-8U3-1]  | (548)  |
| Atmel | AT24C02   |                |        |
| Atmel | AT24C02   | (ISP)          | (138)  |
| Atmel | AT24C02   | [dBGAA2-8U3-1] | (548)  |
| Atmel | AT24C02   | [SOIC14]       | (951)  |
| Atmel | AT24C02   | [SOT23-5]      | (523)  |
| Atmel | AT24C02   | [TSSOP8]       | (121)  |
| Atmel | AT24C02A  |                |        |
| Atmel | AT24C02A  | (ISP)          | (138)  |
| Atmel | AT24C02A  | [dBGAA2-8U3-1] | (548)  |
| Atmel | AT24C02A  | [MAP8]         | (930)  |
| Atmel | AT24C02A  | [TSSOP8]       | (121)  |
| Atmel | AT24C02AN | [SOIC8]        | (950)  |
| Atmel | AT24C02B  |                |        |
| Atmel | AT24C02B  | (ISP)          | (138)  |
| Atmel | AT24C02B  | [dBGAA2-8U3-1] | (548)  |
| Atmel | AT24C02B  | [MLP8]         | (4538) |
| Atmel | AT24C02B  | [SOIC8]        | (950)  |
| Atmel | AT24C02B  | [SOT23-5]      | (523)  |
| Atmel | AT24C02B  | [TSSOP8]       | (121)  |
| Atmel | AT24C02C  |                |        |
| Atmel | AT24C02C  | (ISP)          | (138)  |
| Atmel | AT24C02C  | [SOIC8]        | (950)  |
| Atmel | AT24C02C  | [SOT23-5]      | (523)  |
| Atmel | AT24C02C  | [TSSOP8]       | (121)  |
| Atmel | AT24C02C  | [UDFN8]        | (4538) |
| Atmel | AT24C02C  | [VFBGA-8U3-1]  | (548)  |
| Atmel | AT24C02D  |                |        |
| Atmel | AT24C02D  | (ISP)          | (138)  |
| Atmel | AT24C02D  | [SOIC8-150]    | (950)  |
| Atmel | AT24C02D  | [SOT23-5]      | (523)  |
| Atmel | AT24C02D  | [TSSOP8]       | (121)  |
| Atmel | AT24C02D  | [UDFN8-2x3]    | (4538) |
| Atmel | AT24C02D  | [VFBGA-8U3-1]  | (548)  |
| Atmel | AT24C02N  | [SOIC8]        | (950)  |
| Atmel | AT24C04   |                |        |
| Atmel | AT24C04   | (ISP)          | (138)  |
| Atmel | AT24C04   | [dBGAA2-8U3-1] | (548)  |
| Atmel | AT24C04   | [MAP8]         | (930)  |
| Atmel | AT24C04   | [SOIC14]       | (951)  |
| Atmel | AT24C04   | [SOT23-5]      | (523)  |
| Atmel | AT24C04   | [TSSOP8]       | (121)  |
| Atmel | AT24C04A  |                |        |
| Atmel | AT24C04A  | (ISP)          | (138)  |
| Atmel | AT24C04A  | [dBGAA2-8U3-1] | (548)  |
| Atmel | AT24C04A  | [MAP8]         | (930)  |
| Atmel | AT24C04A  | [TSSOP8]       | (121)  |
| Atmel | AT24C04AN | [SOIC8]        | (950)  |
| Atmel | AT24C04B  |                |        |
| Atmel | AT24C04B  | (ISP)          | (138)  |
| Atmel | AT24C04B  | [dBGAA2-8U3-1] | (548)  |
| Atmel | AT24C04B  | [MLP8]         | (4538) |
| Atmel | AT24C04B  | [SOIC8]        | (950)  |
| Atmel | AT24C04B  | [SOT23-5]      | (523)  |
| Atmel | AT24C04B  | [TSSOP8]       | (121)  |
| Atmel | AT24C04C  |                |        |
| Atmel | AT24C04C  | (ISP)          | (138)  |
| Atmel | AT24C04C  | [dBGAA2-8U3-1] | (548)  |
| Atmel | AT24C04C  | [MLP8]         | (4538) |
| Atmel | AT24C04C  | [SOIC8]        | (950)  |
| Atmel | AT24C04C  | [SOT23-5]      | (523)  |
| Atmel | AT24C04C  | [TSSOP8]       | (121)  |
| Atmel | AT24C04D  |                |        |
| Atmel | AT24C04D  | (ISP)          | (138)  |
| Atmel | AT24C04D  | [SOIC8-150]    | (950)  |
| Atmel | AT24C04D  | [SOT23-5]      | (523)  |
| Atmel | AT24C04D  | [TSSOP8]       | (121)  |
| Atmel | AT24C04D  | [UDFN8-2x3]    | (4538) |
| Atmel | AT24C04D  | [VFBGA-8U3-1]  | (548)  |
| Atmel | AT24C04N  | [SOIC8]        | (950)  |
| Atmel | AT24C08   |                |        |
| Atmel | AT24C08   | (ISP)          | (138)  |
| Atmel | AT24C08   | [SOIC14]       | (951)  |
| Atmel | AT24C08   | [TSSOP8]       | (121)  |
| Atmel | AT24C08A  |                |        |
| Atmel | AT24C08A  | (ISP)          | (138)  |
| Atmel | AT24C08A  | [MAP8]         | (930)  |
| Atmel | AT24C08A  | [MLP8]         | (4538) |
| Atmel | AT24C08A  | [TSSOP8]       | (121)  |
| Atmel | AT24C08AN | [SOIC8]        | (950)  |
| Atmel | AT24C08B  |                |        |
| Atmel | AT24C08B  | (ISP)          | (138)  |
| Atmel | AT24C08B  | [dBGAA2-8U3-1] | (548)  |
| Atmel | AT24C08B  | [MLP8]         | (4538) |
| Atmel | AT24C08B  | [SOIC8]        | (950)  |
| Atmel | AT24C08B  | [SOT23-5]      | (523)  |
| Atmel | AT24C08B  | [TSSOP8]       | (121)  |
| Atmel | AT24C08C  |                |        |
| Atmel | AT24C08C  | (ISP)          | (138)  |
| Atmel | AT24C08C  | [dBGAA2-8U3-1] | (548)  |
| Atmel | AT24C08C  | [MLP8]         | (4538) |
| Atmel | AT24C08C  | [SOIC8]        | (950)  |
| Atmel | AT24C08C  | [SOT23-5]      | (523)  |

|       |               |                       |        |
|-------|---------------|-----------------------|--------|
| Atmel | AT24C08C      | [TSSOP8]              | (121)  |
| Atmel | AT24C08D      |                       |        |
| Atmel | AT24C08D      | (ISP)                 | (138)  |
| Atmel | AT24C08D      | [SOIC8-150]           | (950)  |
| Atmel | AT24C08D      | [SOT23-5]             | (523)  |
| Atmel | AT24C08D      | [TSSOP8]              | (121)  |
| Atmel | AT24C08D      | [UDFN8-2x3]           | (4538) |
| Atmel | AT24C08D      | [VFBGA-8U3-1]         | (548)  |
| Atmel | AT24C08N      | [SOIC8]               | (950)  |
| Atmel | AT24C1024     |                       |        |
| Atmel | AT24C1024     | (ISP)                 | (138)  |
| Atmel | AT24C1024     | [dBGAA2-8U4-1]        | (963)  |
| Atmel | AT24C1024     | [LAP8]                | (577)  |
| Atmel | AT24C1024     | [SAP8]                | (577)  |
| Atmel | AT24C1024     | [SOIC8]               | (950)  |
| Atmel | AT24C1024     | [TSSOP8]              | (121)  |
| Atmel | AT24C1024B    |                       |        |
| Atmel | AT24C1024B    | (ISP)                 | (138)  |
| Atmel | AT24C1024B    | [dBGAA2-8U4-1]        | (963)  |
| Atmel | AT24C1024B    | [SAP8]                | (577)  |
| Atmel | AT24C1024B    | [SOIC8]               | (950)  |
| Atmel | AT24C1024B    | [SOIC8-209]           | (46)   |
| Atmel | AT24C1024B    | [TSSOP8]              | (121)  |
| Atmel | AT24C1024W    | [SOIC8-209]           | (46)   |
| Atmel | AT24C11       |                       |        |
| Atmel | AT24C11       | (ISP)                 | (138)  |
| Atmel | AT24C11       | [SOIC8]               | (950)  |
| Atmel | AT24C11       | [SOT23-5]             | (523)  |
| Atmel | AT24C11       | [TSSOP8]              | (121)  |
| Atmel | AT24C128      |                       |        |
| Atmel | AT24C128      | (ISP)                 | (138)  |
| Atmel | AT24C128      | [dBGAA2-8U1]          | (968)  |
| Atmel | AT24C128      | [MAP8]                | (930)  |
| Atmel | AT24C128      | [SAP8]                | (577)  |
| Atmel | AT24C128      | [SOIC8]               | (950)  |
| Atmel | AT24C128      | [TSSOP14]             | (1087) |
| Atmel | AT24C128      | [TSSOP8]              | (121)  |
| Atmel | AT24C128-1.8  |                       |        |
| Atmel | AT24C128-1.8  | (ISP)                 | (138)  |
| Atmel | AT24C128-1.8  | [dBGAA2-8U2-1]        | (713)  |
| Atmel | AT24C128-1.8  | [MAP8]                | (930)  |
| Atmel | AT24C128-1.8  | [SOIC8]               | (950)  |
| Atmel | AT24C128-1.8  | [TSSOP14]             | (1087) |
| Atmel | AT24C128-1.8  | [TSSOP8]              | (121)  |
| Atmel | AT24C128B     |                       |        |
| Atmel | AT24C128B     | (ISP)                 | (138)  |
| Atmel | AT24C128B     | [dBGAA2-8U2-1]        | (713)  |
| Atmel | AT24C128B     | [MLP8]                | (4538) |
| Atmel | AT24C128B     | [SAP8]                | (577)  |
| Atmel | AT24C128B     | [TSSOP8]              | (121)  |
| Atmel | AT24C128BN    | [SOIC8]               | (950)  |
| Atmel | AT24C128C     | (Automotive) (ISP)    | (138)  |
| Atmel | AT24C128C     | (Automotive) [SOIC8]  | (950)  |
| Atmel | AT24C128C     | (Automotive) [TSSOP8] | (121)  |
| Atmel | AT24C128C     | (ISP)                 | (138)  |
| Atmel | AT24C128C     | [SOIC8]               | (950)  |
| Atmel | AT24C128C     | [TSSOP8]              | (121)  |
| Atmel | AT24C128C     | [UDFN8]               | (4538) |
| Atmel | AT24C128C     | [VFBGA-8U2-1]         | (713)  |
| Atmel | AT24C128N     | [SOIC8]               | (950)  |
| Atmel | AT24C128N-1.8 | [SOIC8]               | (950)  |
| Atmel | AT24C128W     | [SOIC8-209]           | (46)   |
| Atmel | AT24C128W-1.8 | [SOIC8-209]           | (46)   |
| Atmel | AT24C16       |                       |        |
| Atmel | AT24C16       | (ISP)                 | (138)  |
| Atmel | AT24C16       | [SOIC14]              | (951)  |
| Atmel | AT24C16       | [TSSOP8]              | (121)  |
| Atmel | AT24C164      |                       |        |
| Atmel | AT24C164      | (ISP)                 | (138)  |
| Atmel | AT24C164      | [SOIC8]               | (950)  |
| Atmel | AT24C16A      |                       |        |
| Atmel | AT24C16A      | (ISP)                 | (138)  |
| Atmel | AT24C16A      | [MAP8]                | (930)  |
| Atmel | AT24C16A      | [TSSOP8]              | (121)  |
| Atmel | AT24C16AN     | [SOIC8]               | (950)  |
| Atmel | AT24C16B      |                       |        |
| Atmel | AT24C16B      | (ISP)                 | (138)  |
| Atmel | AT24C16B      | [dBGAA2-8U3-1]        | (548)  |
| Atmel | AT24C16B      | [MLP8]                | (4538) |
| Atmel | AT24C16B      | [SOT23-5]             | (523)  |
| Atmel | AT24C16B      | [TSSOP8]              | (121)  |
| Atmel | AT24C16BN     | [SOIC8]               | (950)  |
| Atmel | AT24C16C      |                       |        |
| Atmel | AT24C16C      | (ISP)                 | (138)  |
| Atmel | AT24C16C      | [dBGAA2-8U3-1]        | (548)  |
| Atmel | AT24C16C      | [MLP8]                | (4538) |
| Atmel | AT24C16C      | [SOIC8]               | (950)  |
| Atmel | AT24C16C      | [SOT23-5]             | (523)  |
| Atmel | AT24C16C      | [TSSOP8]              | (121)  |
| Atmel | AT24C16D      |                       |        |
| Atmel | AT24C16D      | (ISP)                 | (138)  |
| Atmel | AT24C16D      | [SOIC8-150]           | (950)  |
| Atmel | AT24C16D      | [SOT23-5]             | (523)  |
| Atmel | AT24C16D      | [TSSOP8]              | (121)  |
| Atmel | AT24C16D      | [UDFN8]               | (4538) |
| Atmel | AT24C16D      | [VFBGA-8U3-1]         | (548)  |
| Atmel | AT24C16N      | [SOIC8]               | (950)  |
| Atmel | AT24C21       |                       |        |
| Atmel | AT24C21       | (ISP)                 | (138)  |
| Atmel | AT24C21       | [SOIC8]               | (950)  |
| Atmel | AT24C256      |                       |        |
| Atmel | AT24C256      | (ISP)                 | (138)  |
| Atmel | AT24C256      | [dBGAA2-8U6]          | (968)  |
| Atmel | AT24C256      | [SAP8]                | (577)  |
| Atmel | AT24C256      | [SOIC8]               | (950)  |
| Atmel | AT24C256      | [TSSOP14]             | (1087) |
| Atmel | AT24C256      | [TSSOP8]              | (121)  |
| Atmel | AT24C256-1.8  |                       |        |
| Atmel | AT24C256-1.8  | (ISP)                 | (138)  |
| Atmel | AT24C256-1.8  | [dBGAA2-8U2-1]        | (713)  |
| Atmel | AT24C256-1.8  | [MAP8]                | (930)  |
| Atmel | AT24C256-1.8  | [SOIC8]               | (950)  |
| Atmel | AT24C256-1.8  | [TSSOP14]             | (1087) |
| Atmel | AT24C256B     |                       |        |
| Atmel | AT24C256B     | (ISP)                 | (138)  |
| Atmel | AT24C256B     | [dBGAA2-8U2-1]        | (713)  |
| Atmel | AT24C256B     | [MAP8]                | (930)  |
| Atmel | AT24C256B     | [SAP8]                | (577)  |
| Atmel | AT24C256B     | [SOIC8]               | (950)  |
| Atmel | AT24C256B     | [SOIC8-209]           | (46)   |
| Atmel | AT24C256B     | [TSSOP8]              | (121)  |
| Atmel | AT24C256C     |                       |        |
| Atmel | AT24C256C     | (Automotive) (ISP)    | (138)  |
| Atmel | AT24C256C     | (Automotive) [SOIC8]  | (950)  |
| Atmel | AT24C256C     | (Automotive) [TSSOP8] | (121)  |
| Atmel | AT24C256C     | (ISP)                 | (138)  |
| Atmel | AT24C256C     | [dBGAA2-8U2-1]        | (713)  |
| Atmel | AT24C256C     | [SAP8]                | (577)  |

|       |               |                  |        |
|-------|---------------|------------------|--------|
| Atmel | AT24C256C     | [SOIC8]          | (950)  |
| Atmel | AT24C256C     | [SOIC8-209]      | (46)   |
| Atmel | AT24C256C     | [TSSOP8]         | (121)  |
| Atmel | AT24C256C     | [UDFN8]          | (4538) |
| Atmel | AT24C256C     | [VFBGA-8U2-1]    | (713)  |
| Atmel | AT24C256N     | [SOIC8]          | (950)  |
| Atmel | AT24C256N-1.8 | [SOIC8]          | (950)  |
| Atmel | AT24C256W     | [SOIC8-209]      | (46)   |
| Atmel | AT24C256W-1.8 | [SOIC8-209]      | (46)   |
| Atmel | AT24C32       |                  |        |
| Atmel | AT24C32       | (ISP)            | (138)  |
| Atmel | AT24C32       | [SOIC14]         | (951)  |
| Atmel | AT24C32       | [TSSOP8]         | (121)  |
| Atmel | AT24C32A      |                  |        |
| Atmel | AT24C32A      | (ISP)            | (138)  |
| Atmel | AT24C32A      | [MAP8]           | (930)  |
| Atmel | AT24C32A      | [MLP8]           | (4538) |
| Atmel | AT24C32A      | [TSSOP8]         | (121)  |
| Atmel | AT24C32AN     | [SOIC8]          | (950)  |
| Atmel | AT24C32AW     | [SOIC8-209]      | (46)   |
| Atmel | AT24C32B      |                  |        |
| Atmel | AT24C32B      | (ISP)            | (138)  |
| Atmel | AT24C32B      | [TSSOP8]         | (121)  |
| Atmel | AT24C32BN     | [SOIC8]          | (950)  |
| Atmel | AT24C32C      |                  |        |
| Atmel | AT24C32C      | (ISP)            | (138)  |
| Atmel | AT24C32C      | [dBGAA2-8U2-1]   | (713)  |
| Atmel | AT24C32C      | [MLP8]           | (4538) |
| Atmel | AT24C32C      | [SOIC8]          | (950)  |
| Atmel | AT24C32C      | [TSSOP8]         | (121)  |
| Atmel | AT24C32D      |                  |        |
| Atmel | AT24C32D      | (ISP)            | (138)  |
| Atmel | AT24C32D      | [MLP8]           | (4538) |
| Atmel | AT24C32D      | [SOIC8]          | (950)  |
| Atmel | AT24C32D      | [SOIC8] (EPS-01) | (950)  |
| Atmel | AT24C32D      | [SOT23-5]        | (523)  |
| Atmel | AT24C32D      | [TSSOP8]         | (121)  |
| Atmel | AT24C32D      | [VFBGA-8U3-1]    | (548)  |
| Atmel | AT24C32E      |                  |        |
| Atmel | AT24C32E      | (ISP)            | (138)  |
| Atmel | AT24C32E      | [SOIC8-150]      | (950)  |
| Atmel | AT24C32E      | [SOT23-5]        | (523)  |
| Atmel | AT24C32E      | [TSSOP8]         | (121)  |
| Atmel | AT24C32E      | [UDFN8]          | (4538) |
| Atmel | AT24C32E      | [VFBGA-8U3-1]    | (548)  |
| Atmel | AT24C32N      | [SOIC8]          | (950)  |
| Atmel | AT24C32W      | [SOIC8-209]      | (46)   |
| Atmel | AT24C512      |                  |        |
| Atmel | AT24C512      | (ISP)            | (138)  |
| Atmel | AT24C512      | [dBGAA2-8U4-1]   | (963)  |
| Atmel | AT24C512      | [LAP8]           | (577)  |
| Atmel | AT24C512      | [SAP8]           | (577)  |
| Atmel | AT24C512      | [SOIC20]         | (119)  |
| Atmel | AT24C512      | [TSSOP8]         | (121)  |
| Atmel | AT24C512-1.8  |                  |        |
| Atmel | AT24C512-1.8  | (ISP)            | (138)  |
| Atmel | AT24C512-1.8  | [dBGAA2-8U4-1]   | (963)  |
| Atmel | AT24C512-1.8  | [LAP8]           | (577)  |
| Atmel | AT24C512-1.8  | [SAP8]           | (577)  |
| Atmel | AT24C512-1.8  | [SOIC20]         | (119)  |
| Atmel | AT24C512-1.8  | [TSSOP8]         | (121)  |
| Atmel | AT24C512B     |                  |        |
| Atmel | AT24C512B     | (ISP)            | (138)  |
| Atmel | AT24C512B     | [dBGAA2-8U2-1]   | (713)  |
| Atmel | AT24C512B     | [dBGAA2-8U4-1]   | (963)  |
| Atmel | AT24C512B     | [SAP8]           | (577)  |
| Atmel | AT24C512B     | [SOIC8]          | (950)  |
| Atmel | AT24C512B     | [SOIC8-209]      | (46)   |
| Atmel | AT24C512B     | [TSSOP8]         | (121)  |
| Atmel | AT24C512C     | (ISP)            | (138)  |
| Atmel | AT24C512C     | [dBGAA2-8U2-1]   | (713)  |
| Atmel | AT24C512C     | [SOIC8]          | (950)  |
| Atmel | AT24C512C     | [SOIC8-208]      | (46)   |
| Atmel | AT24C512C     | [TSSOP8]         | (121)  |
| Atmel | AT24C512C     | [UDFN8]          | (4538) |
| Atmel | AT24C512N     | [SOIC8]          | (950)  |
| Atmel | AT24C512N-1.8 | [SOIC8]          | (950)  |
| Atmel | AT24C512W     | [SOIC8]          | (46)   |
| Atmel | AT24C512W-1.8 | [SOIC8]          | (46)   |
| Atmel | AT24C64       |                  |        |
| Atmel | AT24C64       | (ISP)            | (138)  |
| Atmel | AT24C64       | [SOIC14]         | (951)  |
| Atmel | AT24C64       | [TSSOP8]         | (121)  |
| Atmel | AT24C64A      |                  |        |
| Atmel | AT24C64A      | (ISP)            | (138)  |
| Atmel | AT24C64A      | [MAP8]           | (930)  |
| Atmel | AT24C64A      | [MLP8]           | (4538) |
| Atmel | AT24C64A      | [TSSOP8]         | (121)  |
| Atmel | AT24C64AN     | [SOIC8]          | (950)  |
| Atmel | AT24C64AW     | [SOIC8-209]      | (46)   |
| Atmel | AT24C64B      |                  |        |
| Atmel | AT24C64B      | (ISP)            | (138)  |
| Atmel | AT24C64B      | [TSSOP8]         | (121)  |
| Atmel | AT24C64BN     | [SOIC8]          | (950)  |
| Atmel | AT24C64C      |                  |        |
| Atmel | AT24C64C      | (ISP)            | (138)  |
| Atmel | AT24C64C      | [dBGAA2-8U2-1]   | (713)  |
| Atmel | AT24C64C      | [MLP8]           | (4538) |
| Atmel | AT24C64C      | [SOIC8]          | (950)  |
| Atmel | AT24C64C      | [TSSOP8]         | (121)  |
| Atmel | AT24C64D      |                  |        |
| Atmel | AT24C64D      | (ISP)            | (138)  |
| Atmel | AT24C64D      | [MLP8]           | (4538) |
| Atmel | AT24C64D      | [SOIC8]          | (950)  |
| Atmel | AT24C64D      | [SOT23-5]        | (523)  |
| Atmel | AT24C64D      | [TSSOP8]         | (121)  |
| Atmel | AT24C64D      | [VFBGA-8U3-1]    | (548)  |
| Atmel | AT24C64N      | [SOIC8]          | (950)  |
| Atmel | AT24C64W      | [SOIC8-209]      | (46)   |
| Atmel | AT24CM01      | (ISP)            | (138)  |
| Atmel | AT24CM01      | [SOIC8]          | (950)  |
| Atmel | AT24CM01      | [SOIC8-208]      | (46)   |
| Atmel | AT24CM01      | [TSSOP8]         | (121)  |
| Atmel | AT24CM02      | (ISP)            | (138)  |
| Atmel | AT24CM02      | [SOIC8-150]      | (950)  |
| Atmel | AT24CS01      | (ISP)            | (138)  |
| Atmel | AT24CS01      | [SOIC8]          | (950)  |
| Atmel | AT24CS01      | [SOT23-5]        | (523)  |
| Atmel | AT24CS01      | [TSSOP8]         | (121)  |
| Atmel | AT24CS01      | [UDFN8]          | (4538) |
| Atmel | AT24CS01A     | (ISP)            | (138)  |
| Atmel | AT24CS01A     | [SOIC8]          | (950)  |
| Atmel | AT24CS01A     | [SOT23-5]        | (523)  |
| Atmel | AT24CS01A     | [TSSOP8]         | (121)  |
| Atmel | AT24CS01A     | [UDFN8]          | (4538) |
| Atmel | AT24CS02      | (ISP)            | (138)  |
| Atmel | AT24CS02      | [SOIC8]          | (950)  |
| Atmel | AT24CS02      | [SOT23-5]        | (523)  |

|       |                |             |        |
|-------|----------------|-------------|--------|
| Atmel | AT24CS02       | [TSSOP8]    | (121)  |
| Atmel | AT24CS02       | [UDFN8]     | (4538) |
| Atmel | AT24CS02A      | (ISP)       | (138)  |
| Atmel | AT24CS02A      | [SOIC8]     | (950)  |
| Atmel | AT24CS02A      | [SOT23-5]   | (523)  |
| Atmel | AT24CS02A      | [TSSOP8]    | (121)  |
| Atmel | AT24CS02A      | [UDFN8]     | (4538) |
| Atmel | AT24CS04       | (ISP)       | (138)  |
| Atmel | AT24CS04       | [SOIC8]     | (950)  |
| Atmel | AT24CS04       | [SOT23-5]   | (523)  |
| Atmel | AT24CS04       | [TSSOP8]    | (121)  |
| Atmel | AT24CS04       | [UDFN8]     | (4538) |
| Atmel | AT24CS08       | (ISP)       | (138)  |
| Atmel | AT24CS08       | [SOIC8]     | (950)  |
| Atmel | AT24CS08       | [SOT23-5]   | (523)  |
| Atmel | AT24CS08       | [TSSOP8]    | (121)  |
| Atmel | AT24CS08       | [UDFN8]     | (4538) |
| Atmel | AT24CS08A      | (ISP)       | (138)  |
| Atmel | AT24CS08A      | [SOIC8]     | (950)  |
| Atmel | AT24CS08A      | [SOT23-5]   | (523)  |
| Atmel | AT24CS08A      | [TSSOP8]    | (121)  |
| Atmel | AT24CS08A      | [UDFN8]     | (4538) |
| Atmel | AT24CS128      |             |        |
| Atmel | AT24CS128      | (ISP)       | (138)  |
| Atmel | AT24CS128      | [SOIC8]     | (950)  |
| Atmel | AT24CS128-1.8  |             |        |
| Atmel | AT24CS128-1.8  | (ISP)       | (138)  |
| Atmel | AT24CS128-1.8  | [SOIC8]     | (950)  |
| Atmel | AT24CS128N     | [SOIC8]     | (950)  |
| Atmel | AT24CS128N-1.8 | [SOIC8]     | (950)  |
| Atmel | AT24CS128W     | [SOIC8-209] | (46)   |
| Atmel | AT24CS128W-1.8 | [SOIC8-209] | (46)   |
| Atmel | AT24CS16       | (ISP)       | (138)  |
| Atmel | AT24CS16       | [SOIC8]     | (950)  |
| Atmel | AT24CS16       | [SOT23-5]   | (523)  |
| Atmel | AT24CS16       | [TSSOP8]    | (121)  |
| Atmel | AT24CS16       | [UDFN8]     | (4538) |
| Atmel | AT24CS256      |             |        |
| Atmel | AT24CS256      | (ISP)       | (138)  |
| Atmel | AT24CS256      | [SOIC8]     | (950)  |
| Atmel | AT24CS256-1.8  |             |        |
| Atmel | AT24CS256-1.8  | (ISP)       | (138)  |
| Atmel | AT24CS256N     | [SOIC8]     | (950)  |
| Atmel | AT24CS256W     | [SOIC8-209] | (46)   |
| Atmel | AT24CS256W-1.8 | [SOIC8-209] | (46)   |
| Atmel | AT24CS32       | (ISP)       | (138)  |
| Atmel | AT24CS32       | [SOIC8]     | (950)  |
| Atmel | AT24CS32       | [SOT23-5]   | (523)  |
| Atmel | AT24CS32       | [TSSOP8]    | (121)  |
| Atmel | AT24CS32       | [UDFN8]     | (4538) |
| Atmel | AT24CS64       | (ISP)       | (138)  |
| Atmel | AT24CS64       | [SOIC8]     | (950)  |
| Atmel | AT24CS64       | [TSSOP8]    | (121)  |
| Atmel | AT24CS64       | [UDFN8]     | (4538) |
| Atmel | AT24HC02B      |             |        |
| Atmel | AT24HC02B      | (ISP)       | (138)  |
| Atmel | AT24HC02B      | [SOIC8]     | (950)  |
| Atmel | AT24HC02B      | [TSSOP8]    | (121)  |
| Atmel | AT24HC02C      |             |        |
| Atmel | AT24HC02C      | (ISP)       | (138)  |
| Atmel | AT24HC02C      | [SOIC8]     | (950)  |
| Atmel | AT24HC02C      | [TSSOP8]    | (121)  |
| Atmel | AT24HC04B      |             |        |
| Atmel | AT24HC04B      | (ISP)       | (138)  |
| Atmel | AT24HC04B      | [SOIC8]     | (950)  |
| Atmel | AT24HC04B      | [TSSOP8]    | (121)  |
| Atmel | AT24L02        |             |        |
| Atmel | AT24L02        | [SOIC8]     | (950)  |
| Atmel | AT24L08        |             |        |
| Atmel | AT24L16        |             |        |
| Atmel | AT24L16        | [SOIC8]     | (950)  |
| Atmel | AT24L21        |             |        |
| Atmel | AT24L32        |             |        |
| Atmel | AT24L32        | [SOIC8]     | (950)  |
| Atmel | AT24L64        |             |        |
| Atmel | AT24LC01       |             |        |
| Atmel | AT24LC01       | [SOIC8]     | (950)  |
| Atmel | AT24LC01       | [TSSOP8]    | (121)  |
| Atmel | AT24LC01B      |             |        |
| Atmel | AT24LC01B      | [SOIC8]     | (950)  |
| Atmel | AT24LC01B      | [TSSOP8]    | (121)  |
| Atmel | AT24LC02       |             |        |
| Atmel | AT24LC02       | [SOIC8]     | (950)  |
| Atmel | AT24LC02       | [TSSOP8]    | (121)  |
| Atmel | AT24LC02B      |             |        |
| Atmel | AT24LC02B      | [SOIC8]     | (950)  |
| Atmel | AT24LC02B      | [TSSOP8]    | (121)  |
| Atmel | AT24LC04       |             |        |
| Atmel | AT24LC04       | [SOIC8]     | (950)  |
| Atmel | AT24LC04       | [TSSOP8]    | (121)  |
| Atmel | AT24LC08       |             |        |
| Atmel | AT24LC08       | [SOIC8]     | (950)  |
| Atmel | AT24LC08       | [TSSOP8]    | (121)  |
| Atmel | AT24LC08B      |             |        |
| Atmel | AT24LC08B      | [SOIC8]     | (950)  |
| Atmel | AT24LC08B      | [TSSOP8]    | (121)  |
| Atmel | AT24LC16       |             |        |
| Atmel | AT24LC16       | [SOIC8]     | (950)  |
| Atmel | AT24LC16       | [TSSOP8]    | (121)  |
| Atmel | AT24LC16B      |             |        |
| Atmel | AT24LC16B      | [SOIC8]     | (950)  |
| Atmel | AT24LC16B      | [TSSOP8]    | (121)  |
| Atmel | AT24LC21       |             |        |
| Atmel | AT24LC21       | [SOIC8]     | (950)  |
| Atmel | AT24LC256      |             |        |
| Atmel | AT24LC256      | [SOIC8]     | (950)  |
| Atmel | AT24LC256      | [TSSOP8]    | (121)  |
| Atmel | AT24LC32       |             |        |
| Atmel | AT24LC32       | [SOIC8]     | (950)  |
| Atmel | AT24LC32       | [TSSOP8]    | (121)  |
| Atmel | AT24LC64       |             |        |
| Atmel | AT24LC64       | [SOIC8]     | (950)  |
| Atmel | AT24LC64       | [TSSOP8]    | (121)  |
| Atmel | AT24LC65       |             |        |
| Atmel | AT24LC65       | [SOIC8]     | (950)  |
| Atmel | AT24LCS21      |             |        |
| Atmel | AT24LCS21      | [SOIC8]     | (950)  |
| Atmel | AT24MAC402     | (ISP)       | (138)  |
| Atmel | AT24MAC402     | [SOIC8]     | (950)  |
| Atmel | AT24MAC402     | [SOT23-5]   | (523)  |
| Atmel | AT24MAC402     | [TSSOP8]    | (121)  |
| Atmel | AT24MAC402     | [UDFN8]     | (4538) |
| Atmel | AT24MAC602     | (ISP)       | (138)  |
| Atmel | AT24MAC602     | [SOIC8]     | (950)  |
| Atmel | AT24MAC602     | [SOT23-5]   | (523)  |
| Atmel | AT24MAC602     | [TSSOP8]    | (121)  |
| Atmel | AT24MAC602     | [UDFN8]     | (4538) |
| Atmel | AT24RF08B      | [SOIC8]     | (950)  |

|       |                                      |        |
|-------|--------------------------------------|--------|
| Atmel | AT24RF08B [TSSOP14]                  | (1087) |
| Atmel | AT24RF08C [SOIC8]                    | (950)  |
| Atmel | AT24RF08C [TSSOP14]                  | (1087) |
| Atmel | AT25010                              |        |
| Atmel | AT25010 (ISP)                        | (138)  |
| Atmel | AT25010A                             |        |
| Atmel | AT25010A (ISP)                       | (138)  |
| Atmel | AT25010A [MAP8]                      | (930)  |
| Atmel | AT25010A [TSSOP8]                    | (121)  |
| Atmel | AT25010AN [SOIC8]                    | (950)  |
| Atmel | AT25010B (ISP)                       | (138)  |
| Atmel | AT25010B [SOIC8]                     | (950)  |
| Atmel | AT25010B [TSSOP8]                    | (121)  |
| Atmel | AT25010B [UDFN8]                     | (4538) |
| Atmel | AT25010B [VFBGA-8U3-1]               | (548)  |
| Atmel | AT25010N [SOIC8]                     | (950)  |
| Atmel | AT25020                              |        |
| Atmel | AT25020 (ISP)                        | (138)  |
| Atmel | AT25020A                             |        |
| Atmel | AT25020A (ISP)                       | (138)  |
| Atmel | AT25020A [MAP8]                      | (930)  |
| Atmel | AT25020A [TSSOP8]                    | (121)  |
| Atmel | AT25020AN [SOIC8]                    | (950)  |
| Atmel | AT25020B (ISP)                       | (138)  |
| Atmel | AT25020B [SOIC8]                     | (950)  |
| Atmel | AT25020B [TSSOP8]                    | (121)  |
| Atmel | AT25020B [UDFN8]                     | (4538) |
| Atmel | AT25020B [VFBGA-8U3-1]               | (548)  |
| Atmel | AT25020N [SOIC8]                     | (950)  |
| Atmel | AT25040                              |        |
| Atmel | AT25040 (ISP)                        | (138)  |
| Atmel | AT25040A                             |        |
| Atmel | AT25040A (ISP)                       | (138)  |
| Atmel | AT25040A [MAP8]                      | (930)  |
| Atmel | AT25040A [TSSOP8]                    | (121)  |
| Atmel | AT25040AN [SOIC8]                    | (950)  |
| Atmel | AT25040B (ISP)                       | (138)  |
| Atmel | AT25040B [SOIC8]                     | (950)  |
| Atmel | AT25040B [TSSOP8]                    | (121)  |
| Atmel | AT25040B [UDFN8]                     | (4538) |
| Atmel | AT25040B [VFBGA-8U3-1]               | (548)  |
| Atmel | AT25040N [SOIC8]                     | (950)  |
| Atmel | AT25080                              |        |
| Atmel | AT25080 (ISP)                        | (138)  |
| Atmel | AT25080 [TSSOP14]                    | (1087) |
| Atmel | AT25080 [TSSOP20]                    | (1089) |
| Atmel | AT25080-1.8                          |        |
| Atmel | AT25080-1.8 (ISP)                    | (138)  |
| Atmel | AT25080-1.8 [TSSOP14]                | (1087) |
| Atmel | AT25080-1.8 [TSSOP20]                | (1089) |
| Atmel | AT25080A                             |        |
| Atmel | AT25080A (ISP)                       | (138)  |
| Atmel | AT25080A [MAP8]                      | (930)  |
| Atmel | AT25080A [MLP8]                      | (4538) |
| Atmel | AT25080A [SOIC8]                     | (950)  |
| Atmel | AT25080A [TSSOP8]                    | (121)  |
| Atmel | AT25080A-10TQ [TSSOP8]               | (121)  |
| Atmel | AT25080AN-10SQ [SOIC8]               | (950)  |
| Atmel | AT25080AX-xxxQ (ISP)                 | (138)  |
| Atmel | AT25080B                             |        |
| Atmel | AT25080B (ISP)                       | (138)  |
| Atmel | AT25080B [dBG2-8U3-1]                | (548)  |
| Atmel | AT25080B [MLP8]                      | (4538) |
| Atmel | AT25080B [SOIC8]                     | (950)  |
| Atmel | AT25080B [TSSOP8]                    | (121)  |
| Atmel | AT25080N [SOIC8]                     | (950)  |
| Atmel | AT25080N-1.8 [SOIC8]                 | (950)  |
| Atmel | AT25128                              |        |
| Atmel | AT25128 (ISP)                        | (138)  |
| Atmel | AT25128 [LAP8]                       | (577)  |
| Atmel | AT25128 [SOIC16]                     | (44)   |
| Atmel | AT25128 [SOIC16] (32 byte page mode) | (44)   |
| Atmel | AT25128 [TSSOP14]                    | (1087) |
| Atmel | AT25128 [TSSOP20]                    | (1089) |
| Atmel | AT25128-1.8                          |        |
| Atmel | AT25128-1.8 (ISP)                    | (138)  |
| Atmel | AT25128-1.8 [SOIC16]                 | (44)   |
| Atmel | AT25128-1.8 [TSSOP14]                | (1087) |
| Atmel | AT25128-1.8 [TSSOP20]                | (1089) |
| Atmel | AT25128A                             |        |
| Atmel | AT25128A (ISP)                       | (138)  |
| Atmel | AT25128A [TSSOP8]                    | (121)  |
| Atmel | AT25128A-1.8                         |        |
| Atmel | AT25128A-1.8 (ISP)                   | (138)  |
| Atmel | AT25128A-1.8 [dBG2-8U2-1]            | (713)  |
| Atmel | AT25128A-1.8 [SAP8]                  | (577)  |
| Atmel | AT25128A-1.8 [TSSOP8]                | (121)  |
| Atmel | AT25128A-10TQ [TSSOP8]               | (121)  |
| Atmel | AT25128AN [SOIC8]                    | (950)  |
| Atmel | AT25128AN-1.8 [SOIC8]                | (950)  |
| Atmel | AT25128AN-10SQ [SOIC8]               | (950)  |
| Atmel | AT25128AW [SOIC8]                    | (46)   |
| Atmel | AT25128AW-1.8 [SOIC8]                | (46)   |
| Atmel | AT25128AX-xxxQ (ISP)                 | (138)  |
| Atmel | AT25128B (ISP)                       | (138)  |
| Atmel | AT25128B [dBG2-8U2-1]                | (713)  |
| Atmel | AT25128B [SOIC8]                     | (950)  |
| Atmel | AT25128B [TSSOP8]                    | (121)  |
| Atmel | AT25128B [UDFN8]                     | (4538) |
| Atmel | AT25128B-SSP [SOIC8]                 | (950)  |
| Atmel | AT25128B-XP [TSSOP8]                 | (121)  |
| Atmel | AT25128B-xxP (ISP)                   | (138)  |
| Atmel | AT25128N [SOIC8]                     | (950)  |
| Atmel | AT25128N-1.8 [SOIC8]                 | (950)  |
| Atmel | AT25128W [SOIC8]                     | (46)   |
| Atmel | AT25160                              |        |
| Atmel | AT25160 (ISP)                        | (138)  |
| Atmel | AT25160 [TSSOP14]                    | (1087) |
| Atmel | AT25160 [TSSOP20]                    | (1089) |
| Atmel | AT25160-1.8                          |        |
| Atmel | AT25160-1.8 (ISP)                    | (138)  |
| Atmel | AT25160-1.8 [TSSOP14]                | (1087) |
| Atmel | AT25160-1.8 [TSSOP20]                | (1089) |
| Atmel | AT25160A                             |        |
| Atmel | AT25160A (ISP)                       | (138)  |
| Atmel | AT25160A [MAP8]                      | (930)  |
| Atmel | AT25160A [MLP8]                      | (4538) |
| Atmel | AT25160A [SOIC8]                     | (950)  |
| Atmel | AT25160A [TSSOP8]                    | (121)  |
| Atmel | AT25160A-10TQ [TSSOP8]               | (121)  |
| Atmel | AT25160AN-10SQ [SOIC8]               | (950)  |
| Atmel | AT25160AX-xxxQ (ISP)                 | (138)  |
| Atmel | AT25160B                             |        |
| Atmel | AT25160B (ISP)                       | (138)  |
| Atmel | AT25160B [dBG2-8U3-1]                | (548)  |
| Atmel | AT25160B [MLP8]                      | (4538) |
| Atmel | AT25160B [SOIC8]                     | (950)  |
| Atmel | AT25160B [TSSOP8]                    | (121)  |



|       |                                   |             |
|-------|-----------------------------------|-------------|
| Atmel | AT25160N [SOIC8]                  | (950)       |
| Atmel | AT25160N-1.8 [SOIC8]              | (950)       |
| Atmel | AT25256                           |             |
| Atmel | AT25256 (ISP)                     | (138)       |
| Atmel | AT25256 [LAP8]                    | (577)       |
| Atmel | AT25256 [TSSOP20]                 | (1089)      |
| Atmel | AT25256-1.8                       |             |
| Atmel | AT25256-1.8 (ISP)                 | (138)       |
| Atmel | AT25256-1.8 [TSSOP20]             | (1089)      |
| Atmel | AT25256A                          |             |
| Atmel | AT25256A (ISP)                    | (138)       |
| Atmel | AT25256A [TSSOP8]                 | (121)       |
| Atmel | AT25256A-1.8                      |             |
| Atmel | AT25256A-1.8 (ISP)                | (138)       |
| Atmel | AT25256A-1.8 [dBG2-8U2-1]         | (713)       |
| Atmel | AT25256A-1.8 [SAP8]               | (577)       |
| Atmel | AT25256A-1.8 [TSSOP8]             | (121)       |
| Atmel | AT25256A-10TQ [TSSOP8]            | (121)       |
| Atmel | AT25256AN [SOIC8]                 | (950)       |
| Atmel | AT25256AN-1.8 [SOIC8]             | (950)       |
| Atmel | AT25256AN-10SQ [SOIC8]            | (950)       |
| Atmel | AT25256AW [SOIC8]                 | (46)        |
| Atmel | AT25256AW-1.8 [SOIC8]             | (46)        |
| Atmel | AT25256AX-xxxQ (ISP)              | (138)       |
| Atmel | AT25256B (ISP)                    | (138)       |
| Atmel | AT25256B [dBG2-8U2-1]             | (713)       |
| Atmel | AT25256B [SOIC8]                  | (950)       |
| Atmel | AT25256B [SOIC8-200]              | (46)        |
| Atmel | AT25256B [TSSOP8]                 | (121)       |
| Atmel | AT25256B [UDFN8]                  | (4538)      |
| Atmel | AT25256B-SSP [SOIC8]              | (950)       |
| Atmel | AT25256B-XP [TSSOP8]              | (121)       |
| Atmel | AT25256B-xxP (ISP)                | (138)       |
| Atmel | AT25256N [SOIC8]                  | (950)       |
| Atmel | AT25256N-1.8 [SOIC8]              | (950)       |
| Atmel | AT25256W [SOIC8]                  | (46)        |
| Atmel | AT25320                           |             |
| Atmel | AT25320 (ISP)                     | (138)       |
| Atmel | AT25320 [TSSOP14]                 | (1087)      |
| Atmel | AT25320 [TSSOP20]                 | (1089)      |
| Atmel | AT25320-1.8                       |             |
| Atmel | AT25320-1.8 (ISP)                 | (138)       |
| Atmel | AT25320-1.8 [TSSOP14]             | (1087)      |
| Atmel | AT25320-1.8 [TSSOP20]             | (1089)      |
| Atmel | AT25320A                          |             |
| Atmel | AT25320A (ISP)                    | (138)       |
| Atmel | AT25320A [MAP8]                   | (930)       |
| Atmel | AT25320A [MLP8]                   | (4538)      |
| Atmel | AT25320A [SOIC8]                  | (950)       |
| Atmel | AT25320A [TSSOP8]                 | (121)       |
| Atmel | AT25320A-10TQ [TSSOP8]            | (121)       |
| Atmel | AT25320AN-10SQ [SOIC8]            | (950)       |
| Atmel | AT25320AX-xxxQ (ISP)              | (138)       |
| Atmel | AT25320B                          |             |
| Atmel | AT25320B (ISP)                    | (138)       |
| Atmel | AT25320B [dBG2-8U2-1]             | (713)       |
| Atmel | AT25320B [MLP8]                   | (4538)      |
| Atmel | AT25320B [SOIC8]                  | (950)       |
| Atmel | AT25320B [TSSOP8]                 | (121)       |
| Atmel | AT25320N [SOIC8]                  | (950)       |
| Atmel | AT25320N-1.8 [SOIC8]              | (950)       |
| Atmel | AT25512                           |             |
| Atmel | AT25512 (ISP)                     | (138)       |
| Atmel | AT25512 [SAP8]                    | (577)       |
| Atmel | AT25512 [SOIC8]                   | (950)       |
| Atmel | AT25512 [TSSOP8]                  | (121)       |
| Atmel | AT25640                           |             |
| Atmel | AT25640 (ISP)                     | (138)       |
| Atmel | AT25640 [TSSOP14]                 | (1087)      |
| Atmel | AT25640 [TSSOP20]                 | (1089)      |
| Atmel | AT25640-1.8                       |             |
| Atmel | AT25640-1.8 (ISP)                 | (138)       |
| Atmel | AT25640-1.8 [TSSOP14]             | (1087)      |
| Atmel | AT25640-1.8 [TSSOP20]             | (1089)      |
| Atmel | AT25640A                          |             |
| Atmel | AT25640A (ISP)                    | (138)       |
| Atmel | AT25640A [MAP8]                   | (930)       |
| Atmel | AT25640A [MLP8]                   | (4538)      |
| Atmel | AT25640A [SOIC8]                  | (950)       |
| Atmel | AT25640A [TSSOP8]                 | (121)       |
| Atmel | AT25640A-10TQ [TSSOP8]            | (121)       |
| Atmel | AT25640AN-10SQ [SOIC8]            | (950)       |
| Atmel | AT25640AX-xxxQ (ISP)              | (138)       |
| Atmel | AT25640B                          |             |
| Atmel | AT25640B (ISP)                    | (138)       |
| Atmel | AT25640B [dBG2-8U2-1]             | (713)       |
| Atmel | AT25640B [MLP8]                   | (4538)      |
| Atmel | AT25640B [SOIC8]                  | (950)       |
| Atmel | AT25640B [TSSOP8]                 | (121)       |
| Atmel | AT25640N [SOIC8]                  | (950)       |
| Atmel | AT25640N-1.8 [SOIC8]              | (950)       |
| Atmel | AT25BCM512B (ISP)                 | (138)       |
| Atmel | AT25BCM512B [UDFN8]               | (3934) (*1) |
| Atmel | AT25C01                           |             |
| Atmel | AT25C01 (ISP)                     | (138)       |
| Atmel | AT25C01 [SOIC8]                   | (950)       |
| Atmel | AT25C02                           |             |
| Atmel | AT25C02 (ISP)                     | (138)       |
| Atmel | AT25C02 [SOIC8]                   | (950)       |
| Atmel | AT25C04                           |             |
| Atmel | AT25C04 (ISP)                     | (138)       |
| Atmel | AT25C04 [SOIC8]                   | (950)       |
| Atmel | AT25DF021 (ISP)                   | (138)       |
| Atmel | AT25DF021 [SOIC8]                 | (3095) (*1) |
| Atmel | AT25DF021 [UDFN8]                 | (3097) (*1) |
| Atmel | AT25DF041A (ISP)                  | (138)       |
| Atmel | AT25DF041A [SOIC8-150]            | (3095) (*1) |
| Atmel | AT25DF041A [SOIC8-200]            | (3088) (*1) |
| Atmel | AT25DF041A [UDFN8]                | (3097) (*1) |
| Atmel | AT25DF081 (ISP)                   | (138)       |
| Atmel | AT25DF081 [SOIC8]                 | (3095) (*1) |
| Atmel | AT25DF081 [UDFN8]                 | (3097) (*1) |
| Atmel | AT25DF081A (ISP)                  | (138)       |
| Atmel | AT25DF081A [SOIC8-150]            | (3095) (*1) |
| Atmel | AT25DF081A [SOIC8-150] (Dual I/O) | (3095) (*1) |
| Atmel | AT25DF081A [SOIC8-200]            | (3088) (*1) |
| Atmel | AT25DF081A [SOIC8-200] (Dual I/O) | (3088) (*1) |
| Atmel | AT25DF081A [UDFN8]                | (3097) (*1) |
| Atmel | AT25DF081A [UDFN8] (Dual I/O)     | (3097) (*1) |
| Atmel | AT25DF161 (ISP)                   | (138)       |
| Atmel | AT25DF161 [SOIC8-150]             | (3095) (*1) |
| Atmel | AT25DF161 [SOIC8-200]             | (3088) (*1) |
| Atmel | AT25DF161 [UDFN8]                 | (3097) (*1) |
| Atmel | AT25DF321 (ISP)                   | (138)       |
| Atmel | AT25DF321 [SOIC16]                | (3101) (*1) |
| Atmel | AT25DF321 [SOIC8]                 | (3088) (*1) |
| Atmel | AT25DF321A (ISP)                  | (138)       |
| Atmel | AT25DF321A [SOIC16]               | (3101) (*1) |

|       |               |                        |             |
|-------|---------------|------------------------|-------------|
| Atmel | AT25DF321A    | [SOIC8]                | (3088) (*1) |
| Atmel | AT25DF321A    | [UDFN8]                | (3097) (*1) |
| Atmel | AT25DF641     | (ISP)                  | (138)       |
| Atmel | AT25DF641     | [SOIC16]               | (3101) (*1) |
| Atmel | AT25DF641     | [VDFN8]                | (3053) (*1) |
| Atmel | AT25DF641A    | (ISP)                  | (138)       |
| Atmel | AT25DF641A    | [SOIC8]                | (3088) (*1) |
| Atmel | AT25DF641A    | [UDFN8]                | (3097) (*1) |
| Atmel | AT25DL081     | (ISP)                  | (138)       |
| Atmel | AT25DL081     | [SOIC8-150]            | (3095) (*1) |
| Atmel | AT25DL081     | [SOIC8-150] (Dual I/O) | (3095) (*1) |
| Atmel | AT25DL081     | [UDFN8]                | (3097) (*1) |
| Atmel | AT25DL081     | [UDFN8] (Dual I/O)     | (3097) (*1) |
| Atmel | AT25DL161     | (ISP)                  | (138)       |
| Atmel | AT25DL161     | [SOIC8-150]            | (3094) (*1) |
| Atmel | AT25DL161     | [SOIC8-150] (Dual I/O) | (3094) (*1) |
| Atmel | AT25DL161     | [UDFN8]                | (4117) (*1) |
| Atmel | AT25DL161     | [UDFN8] (Dual I/O)     | (4117) (*1) |
| Atmel | AT25DQ161     | (ISP)                  | (138)       |
| Atmel | AT25DQ161     | [SOIC8-150]            | (3095) (*1) |
| Atmel | AT25DQ161     | [SOIC8-150] (Dual I/O) | (3095) (*1) |
| Atmel | AT25DQ161     | [SOIC8-150] (Quad I/O) | (3095) (*1) |
| Atmel | AT25DQ161     | [SOIC8-200]            | (3088) (*1) |
| Atmel | AT25DQ161     | [SOIC8-200] (Dual I/O) | (3088) (*1) |
| Atmel | AT25DQ161     | [SOIC8-200] (Quad I/O) | (3088) (*1) |
| Atmel | AT25DQ161     | [UDFN8]                | (3097) (*1) |
| Atmel | AT25DQ161     | [UDFN8] (Dual I/O)     | (3097) (*1) |
| Atmel | AT25DQ161     | [UDFN8] (Quad I/O)     | (3097) (*1) |
| Atmel | AT25DQ321     | (ISP)                  | (138)       |
| Atmel | AT25DQ321     | [SOIC16]               | (3101) (*1) |
| Atmel | AT25DQ321     | [SOIC8-150]            | (3095) (*1) |
| Atmel | AT25DQ321     | [SOIC8-150] (Dual I/O) | (3095) (*1) |
| Atmel | AT25DQ321     | [SOIC8-150] (Quad I/O) | (3095) (*1) |
| Atmel | AT25DQ321     | [SOIC8-200]            | (3088) (*1) |
| Atmel | AT25DQ321     | [SOIC8-200] (Dual I/O) | (3088) (*1) |
| Atmel | AT25DQ321     | [SOIC8-200] (Quad I/O) | (3088) (*1) |
| Atmel | AT25DQ321     | [UDFN8]                | (3097) (*1) |
| Atmel | AT25DQ321     | [UDFN8] (Dual I/O)     | (3097) (*1) |
| Atmel | AT25DQ321     | [UDFN8] (Quad I/O)     | (3097) (*1) |
| Atmel | AT25F1024     | (ISP)                  | (138)       |
| Atmel | AT25F1024     | [SAP8]                 | (3097) (*1) |
| Atmel | AT25F1024     | [SOIC8]                | (3095) (*1) |
| Atmel | AT25F1024A    | (ISP)                  | (138)       |
| Atmel | AT25F1024A    | [SAP8]                 | (3097) (*1) |
| Atmel | AT25F1024A    | [SOIC8]                | (3095) (*1) |
| Atmel | AT25F2048     | (ISP)                  | (138)       |
| Atmel | AT25F2048     | [SOIC8]                | (3095) (*1) |
| Atmel | AT25F4096     | (ISP)                  | (138)       |
| Atmel | AT25F4096     | [SAP8]                 | (3097) (*1) |
| Atmel | AT25F4096     | [SOIC8]                | (3088) (*1) |
| Atmel | AT25F512      | (ISP)                  | (138)       |
| Atmel | AT25F512      | [SAP8]                 | (3097) (*1) |
| Atmel | AT25F512      | [SOIC8]                | (3095) (*1) |
| Atmel | AT25F512A     | (ISP)                  | (138)       |
| Atmel | AT25F512A     | [SAP8]                 | (3097) (*1) |
| Atmel | AT25F512A     | [SOIC8]                | (3095) (*1) |
| Atmel | AT25F512B     | (ISP)                  | (138)       |
| Atmel | AT25F512B     | [SOIC8]                | (3095) (*1) |
| Atmel | AT25F512B     | [UDFN8]                | (3934) (*1) |
| Atmel | AT25FS010     | (ISP)                  | (138)       |
| Atmel | AT25FS010     | [SAP8]                 | (3097) (*1) |
| Atmel | AT25FS010     | [SOIC8]                | (3095) (*1) |
| Atmel | AT25FS040     | (ISP)                  | (138)       |
| Atmel | AT25FS040     | [SAP8]                 | (3097) (*1) |
| Atmel | AT25FS040     | [SOIC8]                | (3095) (*1) |
| Atmel | AT25HP256     | (ISP)                  | (138)       |
| Atmel | AT25HP256     | [LAP8]                 | (577)       |
| Atmel | AT25HP256     | [SOIC8]                | (46)        |
| Atmel | AT25HP256-1.8 |                        |             |
| Atmel | AT25HP256-1.8 | (ISP)                  | (138)       |
| Atmel | AT25HP256-1.8 | [LAP8]                 | (577)       |
| Atmel | AT25HP256-1.8 | [SOIC8]                | (46)        |
| Atmel | AT25HP512     |                        |             |
| Atmel | AT25HP512     | (ISP)                  | (138)       |
| Atmel | AT25HP512     | [LAP8]                 | (577)       |
| Atmel | AT25HP512     | [SOIC16]               | (44)        |
| Atmel | AT25HP512     | [SOIC8]                | (46)        |
| Atmel | AT25HP512-1.8 |                        |             |
| Atmel | AT25HP512-1.8 | (ISP)                  | (138)       |
| Atmel | AT25HP512-1.8 | [LAP8]                 | (577)       |
| Atmel | AT25HP512-1.8 | [SOIC16]               | (44)        |
| Atmel | AT25HP512-1.8 | [SOIC8]                | (46)        |
| Atmel | AT25M01       | (ISP)                  | (138)       |
| Atmel | AT25M01       | [SOIC8-150]            | (950)       |
| Atmel | AT25M01       | [SOIC8-200]            | (46)        |
| Atmel | AT25M02       | (ISP)                  | (138)       |
| Atmel | AT25M02       | [SOIC8-150]            | (950)       |
| Atmel | AT25P1024     | (ISP)                  | (138)       |
| Atmel | AT25P1024     | [SOIC20]               | (119)       |
| Atmel | AT25P1024-1.8 | (ISP)                  | (138)       |
| Atmel | AT25P1024-1.8 | [SOIC20]               | (119)       |
| Atmel | AT26DF041     | (ISP)                  | (138)       |
| Atmel | AT26DF041     | [MLF8]                 | (3097) (*1) |
| Atmel | AT26DF041     | [SOIC8]                | (3088) (*1) |
| Atmel | AT26DF081     | (ISP)                  | (138)       |
| Atmel | AT26DF081A    | (ISP)                  | (138)       |
| Atmel | AT26DF081A-S  | [SOIC8]                | (3088) (*1) |
| Atmel | AT26DF081A-SS | [SOIC8]                | (3095) (*1) |
| Atmel | AT26DF081-S   | [SOIC8]                | (3088) (*1) |
| Atmel | AT26DF081-SS  | [SOIC8]                | (3095) (*1) |
| Atmel | AT26DF161     | (ISP)                  | (138)       |
| Atmel | AT26DF161A    | (ISP)                  | (138)       |
| Atmel | AT26DF161A    | [MLF8]                 | (3097) (*1) |
| Atmel | AT26DF161A    | [SOIC8-150]            | (3095) (*1) |
| Atmel | AT26DF161A    | [SOIC8-200]            | (3088) (*1) |
| Atmel | AT26DF161-M   | [MLF8]                 | (3097) (*1) |
| Atmel | AT26DF161-S   | [SOIC8]                | (3088) (*1) |
| Atmel | AT26DF321     | (ISP)                  | (138)       |
| Atmel | AT26DF321     | [SOIC16]               | (3101) (*1) |
| Atmel | AT26DF321     | [SOIC8]                | (3088) (*1) |
| Atmel | AT26F004      | (ISP)                  | (138)       |
| Atmel | AT26F004-M    | [MLF8]                 | (3097) (*1) |
| Atmel | AT26F004-S    | [SOIC8]                | (3088) (*1) |
| Atmel | AT26F004-SS   | [SOIC8]                | (3095) (*1) |
| Atmel | AT27256       |                        |             |
| Atmel | AT27BV010     |                        |             |
| Atmel | AT27BV010     | [LCC32]                | (561)       |
| Atmel | AT27BV010     | [PLCC32]               | (59)        |
| Atmel | AT27BV010     | [TSOP32]               | (655)       |
| Atmel | AT27BV010     | [VSOP32]               | (56)        |
| Atmel | AT27BV020     |                        |             |
| Atmel | AT27BV020     | [LCC32]                | (561)       |
| Atmel | AT27BV020     | [PLCC32]               | (59)        |
| Atmel | AT27BV020     | [TSOP32]               | (655)       |
| Atmel | AT27BV020     | [VSOP32]               | (56)        |
| Atmel | AT27BV040     |                        |             |
| Atmel | AT27BV040     | [LCC32]                | (561)       |

|       |            |           |        |
|-------|------------|-----------|--------|
| Atmel | AT27BV040  | [PLCC32]  | (59)   |
| Atmel | AT27BV040  | [TSOP32]  | (655)  |
| Atmel | AT27BV040  | [VSOP32]  | (56)   |
| Atmel | AT27BV1024 |           |        |
| Atmel | AT27BV1024 | [PLCC44]  | (67)   |
| Atmel | AT27BV1024 | [TSOP40]  | (56)   |
| Atmel | AT27BV256  |           |        |
| Atmel | AT27BV256  | [PLCC32]  | (59)   |
| Atmel | AT27BV256  | [SOIC28]  | (53)   |
| Atmel | AT27BV256  | [TSOP28]  | (54)   |
| Atmel | AT27BV400  |           |        |
| Atmel | AT27BV400  | [PLCC44]  | (67)   |
| Atmel | AT27BV400  | [PSOP44]  | (65)   |
| Atmel | AT27BV400  | [TSOP48]  | (57)   |
| Atmel | AT27BV4096 |           |        |
| Atmel | AT27BV4096 | [PLCC44]  | (67)   |
| Atmel | AT27BV4096 | [TSOP40]  | (56)   |
| Atmel | AT27BV512  |           |        |
| Atmel | AT27BV512  | [PLCC32]  | (59)   |
| Atmel | AT27BV512  | [SOIC28]  | (53)   |
| Atmel | AT27BV512  | [TSOP28]  | (54)   |
| Atmel | AT27BV800  | [PLCC44]  | (67)   |
| Atmel | AT27BV800  | [PSOP44]  | (65)   |
| Atmel | AT27BV800  | [TSOP48]  | (57)   |
| Atmel | AT27C010   |           |        |
| Atmel | AT27C010   | [LCC32]   | (561)  |
| Atmel | AT27C010   | [PLCC32]  | (59)   |
| Atmel | AT27C010   | [TSOP32]  | (655)  |
| Atmel | AT27C010L  |           |        |
| Atmel | AT27C010L  | [LCC32]   | (561)  |
| Atmel | AT27C010L  | [PLCC32]  | (59)   |
| Atmel | AT27C010L  | [TSOP32]  | (655)  |
| Atmel | AT27C020   |           |        |
| Atmel | AT27C020   | [LCC32]   | (561)  |
| Atmel | AT27C020   | [PLCC32]  | (59)   |
| Atmel | AT27C020   | [TSOP32]  | (655)  |
| Atmel | AT27C040   |           |        |
| Atmel | AT27C040   | [LCC32]   | (561)  |
| Atmel | AT27C040   | [PLCC32]  | (59)   |
| Atmel | AT27C040   | [SOIC32]  | (98)   |
| Atmel | AT27C040   | [TSOP32]  | (655)  |
| Atmel | AT27C080   |           |        |
| Atmel | AT27C080   | [PLCC32]  | (59)   |
| Atmel | AT27C080   | [SOIC32]  | (98)   |
| Atmel | AT27C080   | [TSOP32]  | (655)  |
| Atmel | AT27C1024  |           |        |
| Atmel | AT27C1024  | [PLCC44]  | (67)   |
| Atmel | AT27C1024  | [TSOP40]  | (56)   |
| Atmel | AT27C128   |           |        |
| Atmel | AT27C128   | [PLCC32]  | (59)   |
| Atmel | AT27C2048  |           |        |
| Atmel | AT27C2048  | [PLCC44]  | (67)   |
| Atmel | AT27C2048  | [TSOP40]  | (56)   |
| Atmel | AT27C256   |           |        |
| Atmel | AT27C256   | [LCC32]   | (561)  |
| Atmel | AT27C256   | [PLCC32]  | (59)   |
| Atmel | AT27C256R  |           |        |
| Atmel | AT27C256R  | [LCC32]   | (561)  |
| Atmel | AT27C256R  | [PLCC32]  | (59)   |
| Atmel | AT27C256R  | [SOIC28]  | (53)   |
| Atmel | AT27C256R  | [TSOP28]  | (54)   |
| Atmel | AT27C400   |           |        |
| Atmel | AT27C400   | [PLCC44]  | (67)   |
| Atmel | AT27C400   | [PSOP44]  | (65)   |
| Atmel | AT27C400   | [TSOP48]  | (57)   |
| Atmel | AT27C4096  |           |        |
| Atmel | AT27C4096  | [PLCC44]  | (67)   |
| Atmel | AT27C4096  | [TSOP40]  | (56)   |
| Atmel | AT27C512   |           |        |
| Atmel | AT27C512   | [LCC32]   | (561)  |
| Atmel | AT27C512   | [PLCC32]  | (59)   |
| Atmel | AT27C512   | [SOIC28]  | (53)   |
| Atmel | AT27C512   | [TSOP28]  | (54)   |
| Atmel | AT27C512R  |           |        |
| Atmel | AT27C512R  | [LCC32]   | (561)  |
| Atmel | AT27C512R  | [PLCC32]  | (59)   |
| Atmel | AT27C512R  | [SOIC28]  | (53)   |
| Atmel | AT27C512R  | [TSOP28]  | (54)   |
| Atmel | AT27C513   |           |        |
| Atmel | AT27C513   | [PLCC32]  | (59)   |
| Atmel | AT27C513   | [SOIC28]  | (53)   |
| Atmel | AT27C513R  |           |        |
| Atmel | AT27C513R  | [PLCC32]  | (59)   |
| Atmel | AT27C513R  | [SOIC28]  | (53)   |
| Atmel | AT27C516   |           |        |
| Atmel | AT27C516   | [PLCC44]  | (67)   |
| Atmel | AT27C516   | [TSOP40]  | (56)   |
| Atmel | AT27C520   | [SOIC20]  | (119)  |
| Atmel | AT27C520   | [TSOP28]  | (54)   |
| Atmel | AT27C520   | [TSSOP20] | (1089) |
| Atmel | AT27C64    |           |        |
| Atmel | AT27C64    | [PLCC32]  | (59)   |
| Atmel | AT27C800   |           |        |
| Atmel | AT27C800   | [PLCC44]  | (67)   |
| Atmel | AT27C800   | [PSOP44]  | (65)   |
| Atmel | AT27C800   | [TSOP48]  | (57)   |
| Atmel | AT27C8192  |           |        |
| Atmel | AT27C8192  | [PSOP44]  | (65)   |
| Atmel | AT27C8192  | [TSOP48]  | (57)   |
| Atmel | AT27HC1024 |           |        |
| Atmel | AT27HC1024 | [PLCC44]  | (67)   |
| Atmel | AT27HC256  |           |        |
| Atmel | AT27HC256  | [LCC32]   | (561)  |
| Atmel | AT27HC256  | [PLCC32]  | (59)   |
| Atmel | AT27HC256R |           |        |
| Atmel | AT27HC256R | [LCC32]   | (561)  |
| Atmel | AT27HC256R | [PLCC32]  | (59)   |
| Atmel | AT27HC64   |           |        |
| Atmel | AT27HC64   | [PLCC32]  | (59)   |
| Atmel | AT27HC641  |           |        |
| Atmel | AT27HC641R |           |        |
| Atmel | AT27HC642  |           |        |
| Atmel | AT27HC642R |           |        |
| Atmel | AT27HC64L  |           |        |
| Atmel | AT27HC64L  | [LCC32]   | (561)  |
| Atmel | AT27HC64L  | [PLCC32]  | (59)   |
| Atmel | AT27LV010  |           |        |
| Atmel | AT27LV010  | [LCC32]   | (561)  |
| Atmel | AT27LV010  | [PLCC32]  | (59)   |
| Atmel | AT27LV010  | [TSOP32]  | (655)  |
| Atmel | AT27LV010A |           |        |
| Atmel | AT27LV010A | [PLCC32]  | (59)   |
| Atmel | AT27LV010A | [TSOP32]  | (655)  |
| Atmel | AT27LV010A | [VSOP32]  | (56)   |
| Atmel | AT27LV020  |           |        |
| Atmel | AT27LV020  | [LCC32]   | (561)  |
| Atmel | AT27LV020  | [PLCC32]  | (59)   |
| Atmel | AT27LV020  | [TSOP32]  | (655)  |

|       |            |           |        |
|-------|------------|-----------|--------|
| Atmel | AT27LV020  | [VSOP32]  | (56)   |
| Atmel | AT27LV020A |           |        |
| Atmel | AT27LV020A | [PLCC32]  | (59)   |
| Atmel | AT27LV020A | [TSOP32]  | (655)  |
| Atmel | AT27LV020A | [VSOP32]  | (56)   |
| Atmel | AT27LV040  |           |        |
| Atmel | AT27LV040  | [LCC32]   | (561)  |
| Atmel | AT27LV040  | [PLCC32]  | (59)   |
| Atmel | AT27LV040  | [TSOP32]  | (655)  |
| Atmel | AT27LV040  | [VSOP32]  | (56)   |
| Atmel | AT27LV040A |           |        |
| Atmel | AT27LV040A | [PLCC32]  | (59)   |
| Atmel | AT27LV040A | [TSOP32]  | (655)  |
| Atmel | AT27LV040A | [VSOP32]  | (56)   |
| Atmel | AT27LV080  |           |        |
| Atmel | AT27LV080  | [PLCC32]  | (59)   |
| Atmel | AT27LV080  | [SOIC32]  | (98)   |
| Atmel | AT27LV080  | [TSOP32]  | (655)  |
| Atmel | AT27LV1024 |           |        |
| Atmel | AT27LV1024 | [PLCC44]  | (67)   |
| Atmel | AT27LV1024 | [TSOP40]  | (56)   |
| Atmel | AT27LV256A |           |        |
| Atmel | AT27LV256A | [PLCC32]  | (59)   |
| Atmel | AT27LV256A | [SOIC28]  | (53)   |
| Atmel | AT27LV256A | [TSOP28]  | (54)   |
| Atmel | AT27LV256R |           |        |
| Atmel | AT27LV256R | [LCC32]   | (561)  |
| Atmel | AT27LV256R | [PLCC32]  | (59)   |
| Atmel | AT27LV256R | [SOIC28]  | (51)   |
| Atmel | AT27LV256R | [TSOP28]  | (54)   |
| Atmel | AT27LV4096 |           |        |
| Atmel | AT27LV4096 | [PLCC44]  | (67)   |
| Atmel | AT27LV4096 | [TSOP40]  | (56)   |
| Atmel | AT27LV512A |           |        |
| Atmel | AT27LV512A | [PLCC32]  | (59)   |
| Atmel | AT27LV512A | [SOIC28]  | (53)   |
| Atmel | AT27LV512A | [TSOP28]  | (54)   |
| Atmel | AT27LV512R |           |        |
| Atmel | AT27LV512R | [LCC32]   | (561)  |
| Atmel | AT27LV512R | [PLCC32]  | (59)   |
| Atmel | AT27LV512R | [SOIC28]  | (53)   |
| Atmel | AT27LV512R | [TSOP28]  | (54)   |
| Atmel | AT27LV520  | [SOIC20]  | (119)  |
| Atmel | AT27LV520  | [TSSOP20] | (1089) |
| Atmel | AT28BV16   |           |        |
| Atmel | AT28BV16   | [PLCC32]  | (59)   |
| Atmel | AT28BV16   | [SOIC24]  | (1062) |
| Atmel | AT28BV16   | [TSOP28]  | (54)   |
| Atmel | AT28BV256  |           |        |
| Atmel | AT28BV256  | [PLCC32]  | (59)   |
| Atmel | AT28BV256  | [SOIC28]  | (51)   |
| Atmel | AT28BV256  | [TSOP28]  | (54)   |
| Atmel | AT28BV64   |           |        |
| Atmel | AT28BV64   | [PLCC32]  | (59)   |
| Atmel | AT28BV64   | [SOIC28]  | (51)   |
| Atmel | AT28BV64   | [TSOP28]  | (54)   |
| Atmel | AT28BV64B  |           |        |
| Atmel | AT28BV64B  | [PLCC32]  | (59)   |
| Atmel | AT28BV64B  | [SOIC28]  | (51)   |
| Atmel | AT28BV64B  | [TSOP28]  | (54)   |
| Atmel | AT28C010   |           |        |
| Atmel | AT28C010   | [FP32]    | (1546) |
| Atmel | AT28C010   | [LCC32]   | (561)  |
| Atmel | AT28C010   | [LCC44]   | (739)  |
| Atmel | AT28C010   | [PLCC32]  | (59)   |
| Atmel | AT28C010   | [TSOP32]  | (655)  |
| Atmel | AT28C010E  |           |        |
| Atmel | AT28C010E  | [LCC32]   | (561)  |
| Atmel | AT28C010E  | [PLCC32]  | (59)   |
| Atmel | AT28C010E  | [TSOP32]  | (655)  |
| Atmel | AT28C020   |           |        |
| Atmel | AT28C04    |           |        |
| Atmel | AT28C04    | [LCC32]   | (561)  |
| Atmel | AT28C04    | [PLCC32]  | (59)   |
| Atmel | AT28C040   |           |        |
| Atmel | AT28C040   | [FP32]    | (1546) |
| Atmel | AT28C040   | [LCC44]   | (739)  |
| Atmel | AT28C040   | [TSOP48]  | (57)   |
| Atmel | AT28C16    |           |        |
| Atmel | AT28C16    | [PLCC32]  | (59)   |
| Atmel | AT28C16    | [SOIC24]  | (1062) |
| Atmel | AT28C16E   |           |        |
| Atmel | AT28C16E   | [PLCC32]  | (59)   |
| Atmel | AT28C16E   | [SOIC24]  | (1062) |
| Atmel | AT28C16-T  | [TSOP28]  | (54)   |
| Atmel | AT28C17    |           |        |
| Atmel | AT28C17    | [PLCC32]  | (59)   |
| Atmel | AT28C17    | [SOIC28]  | (51)   |
| Atmel | AT28C17E   |           |        |
| Atmel | AT28C17E   | [PLCC32]  | (59)   |
| Atmel | AT28C17E   | [SOIC28]  | (51)   |
| Atmel | AT28C256   |           |        |
| Atmel | AT28C256   | [FP28]    | (1546) |
| Atmel | AT28C256   | [LCC32]   | (561)  |
| Atmel | AT28C256   | [PLCC32]  | (59)   |
| Atmel | AT28C256   | [SOIC28]  | (51)   |
| Atmel | AT28C256   | [TSOP28]  | (54)   |
| Atmel | AT28C256E  |           |        |
| Atmel | AT28C256E  | [FP28]    | (1546) |
| Atmel | AT28C256E  | [LCC32]   | (561)  |
| Atmel | AT28C256E  | [PLCC32]  | (59)   |
| Atmel | AT28C256E  | [SOIC28]  | (51)   |
| Atmel | AT28C256E  | [TSOP28]  | (54)   |
| Atmel | AT28C256F  |           |        |
| Atmel | AT28C256F  | [FP28]    | (1546) |
| Atmel | AT28C256F  | [LCC32]   | (561)  |
| Atmel | AT28C256F  | [PLCC32]  | (59)   |
| Atmel | AT28C256F  | [SOIC28]  | (51)   |
| Atmel | AT28C256F  | [TSOP28]  | (54)   |
| Atmel | AT28C64    |           |        |
| Atmel | AT28C64    | [LCC32]   | (561)  |
| Atmel | AT28C64    | [PLCC32]  | (59)   |
| Atmel | AT28C64    | [SOIC28]  | (51)   |
| Atmel | AT28C64    | [TSOP28]  | (54)   |
| Atmel | AT28C64B   |           |        |
| Atmel | AT28C64B   | [LCC32]   | (561)  |
| Atmel | AT28C64B   | [PLCC32]  | (59)   |
| Atmel | AT28C64B   | [SOIC28]  | (51)   |
| Atmel | AT28C64B   | [TSOP28]  | (54)   |
| Atmel | AT28C64E   |           |        |
| Atmel | AT28C64E   | [LCC32]   | (561)  |
| Atmel | AT28C64E   | [PLCC32]  | (59)   |
| Atmel | AT28C64E   | [SOIC28]  | (51)   |
| Atmel | AT28C64E   | [TSOP28]  | (54)   |
| Atmel | AT28C64X   |           |        |
| Atmel | AT28C64X   | [LCC32]   | (561)  |
| Atmel | AT28C64X   | [PLCC32]  | (59)   |
| Atmel | AT28C64X   | [SOIC28]  | (51)   |

|       |                         |        |
|-------|-------------------------|--------|
| Atmel | AT28C64X [TSOP28]       | (54)   |
| Atmel | AT28HC256               |        |
| Atmel | AT28HC256 [FP28]        | (1546) |
| Atmel | AT28HC256 [LCC32]       | (561)  |
| Atmel | AT28HC256 [PLCC32]      | (59)   |
| Atmel | AT28HC256 [SOIC28]      | (51)   |
| Atmel | AT28HC256 [TSOP28]      | (54)   |
| Atmel | AT28HC256E              |        |
| Atmel | AT28HC256E [FP28]       | (1546) |
| Atmel | AT28HC256E [LCC32]      | (561)  |
| Atmel | AT28HC256E [PLCC32]     | (59)   |
| Atmel | AT28HC256E [SOIC28]     | (51)   |
| Atmel | AT28HC256E [TSOP28]     | (54)   |
| Atmel | AT28HC256F              |        |
| Atmel | AT28HC256F [FP28]       | (1546) |
| Atmel | AT28HC256F [LCC32]      | (561)  |
| Atmel | AT28HC256F [PLCC32]     | (59)   |
| Atmel | AT28HC256F [SOIC28]     | (51)   |
| Atmel | AT28HC256F [TSOP28]     | (54)   |
| Atmel | AT28HC256N              |        |
| Atmel | AT28HC256N [FP28]       | (1546) |
| Atmel | AT28HC256N [LCC32]      | (561)  |
| Atmel | AT28HC256N [PLCC32]     | (59)   |
| Atmel | AT28HC64                |        |
| Atmel | AT28HC64 [PLCC32]       | (59)   |
| Atmel | AT28HC64 [SOIC28]       | (51)   |
| Atmel | AT28HC64 [TSOP28]       | (54)   |
| Atmel | AT28HC64B               |        |
| Atmel | AT28HC64B [PLCC32]      | (59)   |
| Atmel | AT28HC64B [SOIC28]      | (51)   |
| Atmel | AT28HC64B [TSOP28]      | (54)   |
| Atmel | AT28HC64BF              |        |
| Atmel | AT28HC64BF [PLCC32]     | (59)   |
| Atmel | AT28HC64BF [SOIC28]     | (51)   |
| Atmel | AT28LV010               |        |
| Atmel | AT28LV010 [PLCC32]      | (59)   |
| Atmel | AT28LV010 [TSOP32]      | (655)  |
| Atmel | AT28LV256               |        |
| Atmel | AT28LV256 [PLCC32]      | (59)   |
| Atmel | AT28LV256 [SOIC28]      | (51)   |
| Atmel | AT28LV256 [TSOP28]      | (54)   |
| Atmel | AT28LV64                |        |
| Atmel | AT28LV64 [PLCC32]       | (59)   |
| Atmel | AT28LV64 [SOIC28]       | (51)   |
| Atmel | AT28LV64 [TSOP28]       | (54)   |
| Atmel | AT28LV64B               |        |
| Atmel | AT28LV64B [PLCC32]      | (59)   |
| Atmel | AT28LV64B [SOIC28]      | (51)   |
| Atmel | AT28LV64B [TSOP28]      | (54)   |
| Atmel | AT28MC010               |        |
| Atmel | AT28MC020               |        |
| Atmel | AT28MC040               |        |
| Atmel | AT28PC64                |        |
| Atmel | AT28PC64 [LCC32]        | (561)  |
| Atmel | AT28PC64 [PLCC32]       | (59)   |
| Atmel | AT28PC64 [TSOP28]       | (54)   |
| Atmel | AT29BV010A [PLCC32]     | (1399) |
| Atmel | AT29BV010A [TSOP32]     | (1414) |
| Atmel | AT29BV020 [PLCC32]      | (1399) |
| Atmel | AT29BV020 [TSOP32]      | (1414) |
| Atmel | AT29BV040A [PLCC32]     | (1384) |
| Atmel | AT29BV040A [TSOP32]     | (1381) |
| Atmel | AT29C010                |        |
| Atmel | AT29C010 [PLCC32]       | (1399) |
| Atmel | AT29C010 [TSOP32]       | (1414) |
| Atmel | AT29C010A               |        |
| Atmel | AT29C010A [PLCC32]      | (1399) |
| Atmel | AT29C010A [TSOP32]      | (1414) |
| Atmel | AT29C020                |        |
| Atmel | AT29C020 [PLCC32]       | (1399) |
| Atmel | AT29C020 [TSOP32]       | (1414) |
| Atmel | AT29C040                |        |
| Atmel | AT29C040 [TSOP40]       | (1372) |
| Atmel | AT29C040A               |        |
| Atmel | AT29C040A [PLCC32]      | (1384) |
| Atmel | AT29C040A [TSOP32]      | (1381) |
| Atmel | AT29C1024 [PLCC44]      | (67)   |
| Atmel | AT29C1024 [TSOP48]      | (1351) |
| Atmel | AT29C256                |        |
| Atmel | AT29C256 [PLCC32]       | (1399) |
| Atmel | AT29C256 [TSOP28]       | (54)   |
| Atmel | AT29C257 [PLCC32]       | (1399) |
| Atmel | AT29C512                |        |
| Atmel | AT29C512 [PLCC32]       | (1399) |
| Atmel | AT29C512 [TSOP32]       | (1414) |
| Atmel | AT29LV010               |        |
| Atmel | AT29LV010 [PLCC32]      | (1399) |
| Atmel | AT29LV010 [TSOP32]      | (1414) |
| Atmel | AT29LV010A [PLCC32]     | (1399) |
| Atmel | AT29LV010A [TSOP32]     | (1414) |
| Atmel | AT29LV020 [PLCC32]      | (1399) |
| Atmel | AT29LV020 [TSOP32]      | (1414) |
| Atmel | AT29LV040A [PLCC32]     | (1384) |
| Atmel | AT29LV040A [TSOP32]     | (1381) |
| Atmel | AT29LV1024 [PLCC44]     | (67)   |
| Atmel | AT29LV1024 [TSOP48]     | (1351) |
| Atmel | AT29LV256 [PLCC32]      | (1399) |
| Atmel | AT29LV256 [TSOP28]      | (54)   |
| Atmel | AT29LV512 [PLCC32]      | (1399) |
| Atmel | AT29LV512 [TSOP32]      | (1414) |
| Atmel | AT30TSE002B (ISP)       | (138)  |
| Atmel | AT30TSE002B [WDFN8]     | (2995) |
| Atmel | AT30TSE004A (ISP)       | (138)  |
| Atmel | AT30TSE004A [UDFN8-2x3] | (4538) |
| Atmel | AT30TSE004A [WDFN8-2x3] | (2995) |
| Atmel | AT30TSE752 (ISP)        | (138)  |
| Atmel | AT30TSE752 [MSOP8]      | (605)  |
| Atmel | AT30TSE752 [SOIC8]      | (950)  |
| Atmel | AT30TSE752 [UDFN8]      | (4538) |
| Atmel | AT30TSE754 (ISP)        | (138)  |
| Atmel | AT30TSE754 [MSOP8]      | (605)  |
| Atmel | AT30TSE754 [SOIC8]      | (950)  |
| Atmel | AT30TSE754 [UDFN8]      | (4538) |
| Atmel | AT30TSE758 (ISP)        | (138)  |
| Atmel | AT30TSE758 [MSOP8]      | (605)  |
| Atmel | AT30TSE758 [SOIC8]      | (950)  |
| Atmel | AT30TSE758 [UDFN8]      | (4538) |
| Atmel | AT32UC3A0128 (ISP-JTAG) | (138)  |
| Atmel | AT32UC3A0128 [FFBGA144] | (1431) |
| Atmel | AT32UC3A0128 [LQFP144]  | (1027) |
| Atmel | AT32UC3A0256 (ISP-JTAG) | (138)  |
| Atmel | AT32UC3A0256 [FFBGA144] | (1431) |
| Atmel | AT32UC3A0256 [LQFP144]  | (1027) |
| Atmel | AT32UC3A0512 (ISP-JTAG) | (138)  |
| Atmel | AT32UC3A0512 [FFBGA144] | (1431) |
| Atmel | AT32UC3A0512 [LQFP144]  | (1027) |
| Atmel | AT32UC3A1128 (ISP-JTAG) | (138)  |
| Atmel | AT32UC3A1128 [TQFP100]  | (1028) |
| Atmel | AT32UC3A1256 (ISP-JTAG) | (138)  |

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|-------|---------------|----------------|--------------|
| Atmel | AT32UC3A1256  | [TQFP100]      | (1028)       |
| Atmel | AT32UC3A1512  | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3A1512  | [TQFP100]      | (1028)       |
| Atmel | AT32UC3A3128  | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3A3128  | [LQFP144]      | (1432)       |
| Atmel | AT32UC3A3128  | [TFBGA144]     | (1431)       |
| Atmel | AT32UC3A3128S | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3A3128S | [LQFP144]      | (1432)       |
| Atmel | AT32UC3A3128S | [TFBGA144]     | (1431)       |
| Atmel | AT32UC3A3256  | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3A3256  | [LQFP144]      | (1432)       |
| Atmel | AT32UC3A3256  | [TFBGA144]     | (1431)       |
| Atmel | AT32UC3A3256S | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3A3256S | [LQFP144]      | (1432)       |
| Atmel | AT32UC3A3256S | [TFBGA144]     | (1431)       |
| Atmel | AT32UC3A364   | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3A364   | [LQFP144]      | (1432)       |
| Atmel | AT32UC3A364   | [TFBGA144]     | (1431)       |
| Atmel | AT32UC3A364S  | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3A364S  | [LQFP144]      | (1432)       |
| Atmel | AT32UC3A364S  | [TFBGA144]     | (1431)       |
| Atmel | AT32UC3A4128  | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3A4128  | [VFBGA100]     | (1527)       |
| Atmel | AT32UC3A4128S | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3A4128S | [VFBGA100]     | (1527)       |
| Atmel | AT32UC3A4256  | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3A4256  | [VFBGA100]     | (1527)       |
| Atmel | AT32UC3A4256S | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3A4256S | [VFBGA100]     | (1527)       |
| Atmel | AT32UC3A464   | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3A464   | [VFBGA100]     | (1527)       |
| Atmel | AT32UC3A464S  | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3A464S  | [VFBGA100]     | (1527)       |
| Atmel | AT32UC3B0128  | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3B0128  | [QFN64]        | (1198)       |
| Atmel | AT32UC3B0128  | [TQFP64]       | (1118)       |
| Atmel | AT32UC3B0256  | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3B0256  | [QFN64]        | (1198)       |
| Atmel | AT32UC3B0256  | [TQFP64]       | (1118)       |
| Atmel | AT32UC3B0512  | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3B0512  | [QFN64]        | (1198)       |
| Atmel | AT32UC3B0512  | [TQFP64]       | (1118)       |
| Atmel | AT32UC3B064   | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3B064   | [QFN64]        | (1198)       |
| Atmel | AT32UC3B064   | [TQFP64]       | (1118)       |
| Atmel | AT32UC3B1128  | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3B1128  | [QFN48]        | (567)        |
| Atmel | AT32UC3B1128  | [TQFP48]       | (174)        |
| Atmel | AT32UC3B1256  | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3B1256  | [QFN48]        | (567)        |
| Atmel | AT32UC3B1256  | [TQFP48]       | (174)        |
| Atmel | AT32UC3B1512  | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3B1512  | [QFN48]        | (567)        |
| Atmel | AT32UC3B1512  | [TQFP48]       | (174)        |
| Atmel | AT32UC3B164   | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3B164   | [QFN48]        | (567)        |
| Atmel | AT32UC3B164   | [TQFP48]       | (174)        |
| Atmel | AT32UC3C0128C | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3C0128C | [LQFP144]      | (1451)       |
| Atmel | AT32UC3C0256C | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3C0256C | [LQFP144]      | (1451)       |
| Atmel | AT32UC3C0512C | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3C0512C | [LQFP144]      | (1451)       |
| Atmel | AT32UC3C064C  | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3C064C  | [LQFP144]      | (1451)       |
| Atmel | AT32UC3C1128C | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3C1128C | [TQFP100]      | (1452)       |
| Atmel | AT32UC3C1256C | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3C1256C | [TQFP100]      | (1452)       |
| Atmel | AT32UC3C1512C | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3C1512C | [TQFP100]      | (1452)       |
| Atmel | AT32UC3C164C  | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3C164C  | [TQFP100]      | (1452)       |
| Atmel | AT32UC3C2128C | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3C2128C | [QFN64]        | (2384)       |
| Atmel | AT32UC3C2128C | [TQFP64]       | (1453)       |
| Atmel | AT32UC3C2256C | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3C2256C | [QFN64]        | (2384)       |
| Atmel | AT32UC3C2256C | [TQFP64]       | (1453)       |
| Atmel | AT32UC3C2512C | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3C2512C | [QFN64]        | (2384)       |
| Atmel | AT32UC3C2512C | [TQFP64]       | (1453)       |
| Atmel | AT32UC3C264C  | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3C264C  | [QFN64]        | (2384)       |
| Atmel | AT32UC3C264C  | [TQFP64]       | (1453)       |
| Atmel | AT32UC3L0128  | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3L0128  | [QFN48]        | (2759)       |
| Atmel | AT32UC3L0128  | [TLLGA48]      | (2760)       |
| Atmel | AT32UC3L0128  | [TQFP48]       | (2758)       |
| Atmel | AT32UC3L0128A | [WLCSOP49]     | (3138)       |
| Atmel | AT32UC3L016   | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3L016   | [QFN48]        | (567)        |
| Atmel | AT32UC3L016   | [TLLGA48]      | (1539)       |
| Atmel | AT32UC3L016   | [TQFP48]       | (174)        |
| Atmel | AT32UC3L0256  | (ISP-JTAG)     | (138) (9997) |
| Atmel | AT32UC3L0256  | [QFN48]        | (2759)       |
| Atmel | AT32UC3L0256  | [TLLGA48]      | (2760)       |
| Atmel | AT32UC3L0256  | [TQFP48]       | (2758)       |
| Atmel | AT32UC3L032   | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3L032   | [QFN48]        | (567)        |
| Atmel | AT32UC3L032   | [TLLGA48]      | (1539)       |
| Atmel | AT32UC3L032   | [TQFP48]       | (174)        |
| Atmel | AT32UC3L064   | (ISP-JTAG)     | (138)        |
| Atmel | AT32UC3L064   | [QFN48]        | (567)        |
| Atmel | AT32UC3L064   | [TLLGA48]      | (1539)       |
| Atmel | AT32UC3L064   | [TQFP48]       | (174)        |
| Atmel | AT34C02       |                |              |
| Atmel | AT34C02       | (ISP)          | (138)        |
| Atmel | AT34C02       | [dBGAA2-8U3-1] | (548)        |
| Atmel | AT34C02       | [MAP8]         | (930)        |
| Atmel | AT34C02       | [SOIC8]        | (950)        |
| Atmel | AT34C02       | [TSSOP8]       | (121)        |
| Atmel | AT34C02B      | (ISP)          | (138)        |
| Atmel | AT34C02B      | [dBGAA2-8U3-1] | (548)        |
| Atmel | AT34C02B      | [MLP8]         | (4538)       |
| Atmel | AT34C02B      | [SOIC8]        | (950)        |
| Atmel | AT34C02B      | [TSSOP8]       | (121)        |
| Atmel | AT34C02C      | (ISP)          | (138)        |
| Atmel | AT34C02C      | [dBGAA2-8U3-1] | (548)        |
| Atmel | AT34C02C      | [MLP8]         | (4538)       |
| Atmel | AT34C02C      | [SOIC8]        | (950)        |
| Atmel | AT34C02C      | [TSSOP8]       | (121)        |
| Atmel | AT34C02D      | (ISP)          | (138)        |
| Atmel | AT34C02D      | [SOIC8]        | (950)        |
| Atmel | AT34C02D      | [TSSOP8]       | (121)        |
| Atmel | AT34C02D      | [UDFN8]        | (4538)       |
| Atmel | AT34C02D      | [VFBGA-8U3-1]  | (548)        |
| Atmel | AT34C04       | [SOIC8]        | (950)        |

|       |                         |             |
|-------|-------------------------|-------------|
| Atmel | AT34C04 [TSSOP8]        | (121)       |
| Atmel | AT34C04 [UDFN8-2x3]     | (4538)      |
| Atmel | AT45CS1282 (ISP)        | (138)       |
| Atmel | AT45CS1282 [TSOP40]     | (656)       |
| Atmel | AT45D011 (ISP)          | (138)       |
| Atmel | AT45D011 [PLCC32]       | (59)        |
| Atmel | AT45D011 [SOIC8]        | (46)        |
| Atmel | AT45D011 [TSSOP14]      | (1087)      |
| Atmel | AT45D021 (ISP)          | (138)       |
| Atmel | AT45D021 [PLCC32]       | (59)        |
| Atmel | AT45D021 [SOIC28]       | (53)        |
| Atmel | AT45D021 [TSOP28]       | (54)        |
| Atmel | AT45D021A (ISP)         | (138)       |
| Atmel | AT45D021A [PLCC32]      | (59)        |
| Atmel | AT45D021A [SOIC28]      | (53)        |
| Atmel | AT45D021A [TSOP28]      | (54)        |
| Atmel | AT45D041 (ISP)          | (138)       |
| Atmel | AT45D041 [PLCC32]       | (59)        |
| Atmel | AT45D041 [SOIC28]       | (53)        |
| Atmel | AT45D041 [TSOP28]       | (54)        |
| Atmel | AT45D041A (ISP)         | (138)       |
| Atmel | AT45D041A [PLCC32]      | (59)        |
| Atmel | AT45D041A [SOIC28]      | (53)        |
| Atmel | AT45D041A [TSOP28]      | (54)        |
| Atmel | AT45D081 (ISP)          | (138)       |
| Atmel | AT45D081 [SOIC28]       | (53)        |
| Atmel | AT45D081 [TSOP32]       | (655)       |
| Atmel | AT45D081A (ISP)         | (138)       |
| Atmel | AT45D081A [PLCC32]      | (59)        |
| Atmel | AT45D081A [SOIC28]      | (53)        |
| Atmel | AT45D081A [TSOP28]      | (54)        |
| Atmel | AT45D161 (ISP)          | (138)       |
| Atmel | AT45D161 [PLCC32]       | (59)        |
| Atmel | AT45D161 [SOIC28]       | (53)        |
| Atmel | AT45D161 [TSOP28]       | (54)        |
| Atmel | AT45DB011 (ISP)         | (138)       |
| Atmel | AT45DB011 [PLCC32]      | (59)        |
| Atmel | AT45DB011 [SOIC8]       | (46)        |
| Atmel | AT45DB011 [TSSOP14]     | (1087)      |
| Atmel | AT45DB011B (ISP)        | (138)       |
| Atmel | AT45DB011B [SOIC8]      | (46)        |
| Atmel | AT45DB011B [TSSOP14]    | (1087)      |
| Atmel | AT45DB011D (ISP)        | (138)       |
| Atmel | AT45DB011D [SOIC8-150]  | (1396)      |
| Atmel | AT45DB011D [SOIC8-200]  | (3104) (*1) |
| Atmel | AT45DB011D [UDFN8]      | (1391)      |
| Atmel | AT45DB021 (ISP)         | (138)       |
| Atmel | AT45DB021 [PLCC32]      | (59)        |
| Atmel | AT45DB021 [SOIC28]      | (53)        |
| Atmel | AT45DB021 [TSOP28]      | (54)        |
| Atmel | AT45DB021A (ISP)        | (138)       |
| Atmel | AT45DB021A [PLCC32]     | (59)        |
| Atmel | AT45DB021A [SOIC28]     | (53)        |
| Atmel | AT45DB021A [TSOP28]     | (54)        |
| Atmel | AT45DB021B (ISP)        | (138)       |
| Atmel | AT45DB021B [SOIC28]     | (53)        |
| Atmel | AT45DB021B [SOIC8]      | (46)        |
| Atmel | AT45DB021B [TSOP28]     | (54)        |
| Atmel | AT45DB021D (ISP)        | (138)       |
| Atmel | AT45DB021D [SOIC8-150]  | (1396)      |
| Atmel | AT45DB021D [SOIC8-200]  | (3104) (*1) |
| Atmel | AT45DB021D [UDFN8]      | (1391)      |
| Atmel | AT45DB021E (ISP)        | (138)       |
| Atmel | AT45DB021E [SOIC8-150]  | (1396)      |
| Atmel | AT45DB021E [SOIC8-200]  | (3104) (*1) |
| Atmel | AT45DB021E [UDFN8]      | (1391)      |
| Atmel | AT45DB041 (ISP)         | (138)       |
| Atmel | AT45DB041 [PLCC32]      | (59)        |
| Atmel | AT45DB041 [SOIC28]      | (53)        |
| Atmel | AT45DB041 [TSOP28]      | (54)        |
| Atmel | AT45DB041A (ISP)        | (138)       |
| Atmel | AT45DB041A [PLCC32]     | (59)        |
| Atmel | AT45DB041A [SOIC28]     | (53)        |
| Atmel | AT45DB041A [TSOP28]     | (54)        |
| Atmel | AT45DB041A-2.5 (ISP)    | (138)       |
| Atmel | AT45DB041A-2.5 [SOIC28] | (53)        |
| Atmel | AT45DB041A-2.5 [TSOP28] | (54)        |
| Atmel | AT45DB041B (ISP)        | (138)       |
| Atmel | AT45DB041B [CASON8]     | (970)       |
| Atmel | AT45DB041B [CBGA14]     | (555)       |
| Atmel | AT45DB041B [SOIC28]     | (53)        |
| Atmel | AT45DB041B [SOIC8]      | (46)        |
| Atmel | AT45DB041B [TSOP28]     | (54)        |
| Atmel | AT45DB041D (ISP)        | (138)       |
| Atmel | AT45DB041D [MLF8]       | (1391)      |
| Atmel | AT45DB041D [SOIC8-150]  | (1396)      |
| Atmel | AT45DB041D [SOIC8-200]  | (3104) (*1) |
| Atmel | AT45DB041E (ISP)        | (138)       |
| Atmel | AT45DB041E [SOIC8-150]  | (1396)      |
| Atmel | AT45DB041E [SOIC8-200]  | (3104) (*1) |
| Atmel | AT45DB041E [UDFN8]      | (1391)      |
| Atmel | AT45DB081 (ISP)         | (138)       |
| Atmel | AT45DB081 [SOIC28]      | (53)        |
| Atmel | AT45DB081 [TSOP32]      | (655)       |
| Atmel | AT45DB081A (ISP)        | (138)       |
| Atmel | AT45DB081A [PLCC32]     | (59)        |
| Atmel | AT45DB081A [SOIC28]     | (53)        |
| Atmel | AT45DB081A [TSOP28]     | (54)        |
| Atmel | AT45DB081B (ISP)        | (138)       |
| Atmel | AT45DB081B [CASON8]     | (970)       |
| Atmel | AT45DB081B [CBGA14]     | (555)       |
| Atmel | AT45DB081B [SOIC28]     | (53)        |
| Atmel | AT45DB081B [TSOP28]     | (54)        |
| Atmel | AT45DB081D (ISP)        | (138)       |
| Atmel | AT45DB081D [MLF8]       | (1391)      |
| Atmel | AT45DB081D [SOIC8-150]  | (1396)      |
| Atmel | AT45DB081D [SOIC8-200]  | (3104) (*1) |
| Atmel | AT45DB1282 (ISP)        | (138)       |
| Atmel | AT45DB1282 [TSOP40]     | (656)       |
| Atmel | AT45DB161 (ISP)         | (138)       |
| Atmel | AT45DB161 [PLCC32]      | (59)        |
| Atmel | AT45DB161 [SOIC28]      | (53)        |
| Atmel | AT45DB161 [TSOP28]      | (54)        |
| Atmel | AT45DB161A (ISP)        | (138)       |
| Atmel | AT45DB161A [CASON8]     | (970)       |
| Atmel | AT45DB161A [SOIC28]     | (53)        |
| Atmel | AT45DB161A [TSOP28]     | (54)        |
| Atmel | AT45DB161B (ISP)        | (138)       |
| Atmel | AT45DB161B [CASON8]     | (970)       |
| Atmel | AT45DB161B [SOIC28]     | (53)        |
| Atmel | AT45DB161B [TSOP28]     | (54)        |
| Atmel | AT45DB161D (ISP)        | (138)       |
| Atmel | AT45DB161D [BGA24]      | (1343) (*1) |
| Atmel | AT45DB161D [MLF8]       | (1391)      |
| Atmel | AT45DB161D [SOIC8]      | (3104) (*1) |
| Atmel | AT45DB161D [TSOP28]     | (1385)      |
| Atmel | AT45DB161E (ISP)        | (138)       |
| Atmel | AT45DB161E [SOIC8]      | (3104) (*1) |

|       |               |                |             |
|-------|---------------|----------------|-------------|
| Atmel | AT45DB161E    | [SOIC8-150]    | (1396)      |
| Atmel | AT45DB161E    | [UDFN8]        | (1391)      |
| Atmel | AT45DB321     | [ISP]          | (138)       |
| Atmel | AT45DB321     | [TSOP32]       | (655)       |
| Atmel | AT45DB321B    | [ISP]          | (138)       |
| Atmel | AT45DB321B    | [SOIC28]       | (53)        |
| Atmel | AT45DB321B    | [TSOP32]       | (655)       |
| Atmel | AT45DB321C    | [ISP]          | (138)       |
| Atmel | AT45DB321C    | [CASON8]       | (1389)      |
| Atmel | AT45DB321C    | [CBGA24]       | (1343) (*1) |
| Atmel | AT45DB321C    | [SOIC28]       | (53)        |
| Atmel | AT45DB321C    | [TSOP28]       | (1385)      |
| Atmel | AT45DB321D    | [ELZ-1]        | (2308)      |
| Atmel | AT45DB321D    | [ISP]          | (138)       |
| Atmel | AT45DB321D    | [BGA24]        | (1343) (*1) |
| Atmel | AT45DB321D    | [CASON8]       | (1389)      |
| Atmel | AT45DB321D    | [SOIC8]        | (3104) (*1) |
| Atmel | AT45DB321D    | [TSOP28]       | (1385)      |
| Atmel | AT45DB321D-M  | [MLF8]         | (1391)      |
| Atmel | AT45DB321D-MW | [MLF8]         | (1389)      |
| Atmel | AT45DB321E    | [ISP]          | (138)       |
| Atmel | AT45DB321E    | [SOIC8]        | (3104) (*1) |
| Atmel | AT45DB321E    | [UDFN8]        | (1391)      |
| Atmel | AT45DB642     | [ISP]          | (138)       |
| Atmel | AT45DB642     | [TSOP40]       | (656)       |
| Atmel | AT45DB642D    | [ISP]          | (138)       |
| Atmel | AT45DB642D    | [ISP] (BSHG-1) | (138)       |
| Atmel | AT45DB642D    | [BGA24]        | (1343) (*1) |
| Atmel | AT45DB642D    | [CASON8]       | (1389)      |
| Atmel | AT45DB642D    | [TSOP28]       | (1385)      |
| Atmel | AT49BV001     |                |             |
| Atmel | AT49BV001     | [PLCC32]       | (1399)      |
| Atmel | AT49BV001     | [TSOP32]       | (1414)      |
| Atmel | AT49BV001     | [VSOP32]       | (1412)      |
| Atmel | AT49BV001A    | [PLCC32]       | (1399)      |
| Atmel | AT49BV001A    | [TSOP32]       | (1414)      |
| Atmel | AT49BV001A    | [VSOP32]       | (1412)      |
| Atmel | AT49BV001AN   | [PLCC32]       | (1399)      |
| Atmel | AT49BV001AN   | [TSOP32]       | (1414)      |
| Atmel | AT49BV001AN   | [VSOP32]       | (1412)      |
| Atmel | AT49BV001ANT  | [PLCC32]       | (1399)      |
| Atmel | AT49BV001ANT  | [TSOP32]       | (1414)      |
| Atmel | AT49BV001ANT  | [VSOP32]       | (1412)      |
| Atmel | AT49BV001AT   | [PLCC32]       | (1399)      |
| Atmel | AT49BV001AT   | [TSOP32]       | (1414)      |
| Atmel | AT49BV001AT   | [VSOP32]       | (1412)      |
| Atmel | AT49BV001N    |                |             |
| Atmel | AT49BV001N    | [PLCC32]       | (1399)      |
| Atmel | AT49BV001N    | [TSOP32]       | (1414)      |
| Atmel | AT49BV001N    | [VSOP32]       | (1412)      |
| Atmel | AT49BV001NT   |                |             |
| Atmel | AT49BV001NT   | [PLCC32]       | (1399)      |
| Atmel | AT49BV001NT   | [TSOP32]       | (1414)      |
| Atmel | AT49BV001NT   | [VSOP32]       | (1412)      |
| Atmel | AT49BV001T    |                |             |
| Atmel | AT49BV001T    | [PLCC32]       | (1399)      |
| Atmel | AT49BV001T    | [TSOP32]       | (1414)      |
| Atmel | AT49BV001T    | [VSOP32]       | (1412)      |
| Atmel | AT49BV002     |                |             |
| Atmel | AT49BV002     | [PLCC32]       | (1399)      |
| Atmel | AT49BV002     | [TSOP32]       | (1414)      |
| Atmel | AT49BV002     | [VSOP32]       | (56)        |
| Atmel | AT49BV002A    |                |             |
| Atmel | AT49BV002A    | [PLCC32]       | (1399)      |
| Atmel | AT49BV002A    | [TSOP32]       | (1414)      |
| Atmel | AT49BV002A    | [VSOP32]       | (56)        |
| Atmel | AT49BV002AN   |                |             |
| Atmel | AT49BV002AN   | [PLCC32]       | (1399)      |
| Atmel | AT49BV002AN   | [TSOP32]       | (1414)      |
| Atmel | AT49BV002AN   | [VSOP32]       | (56)        |
| Atmel | AT49BV002ANT  |                |             |
| Atmel | AT49BV002ANT  | [PLCC32]       | (1399)      |
| Atmel | AT49BV002ANT  | [TSOP32]       | (1414)      |
| Atmel | AT49BV002ANT  | [VSOP32]       | (56)        |
| Atmel | AT49BV002AT   |                |             |
| Atmel | AT49BV002AT   | [PLCC32]       | (1399)      |
| Atmel | AT49BV002AT   | [TSOP32]       | (1414)      |
| Atmel | AT49BV002AT   | [VSOP32]       | (56)        |
| Atmel | AT49BV002N    |                |             |
| Atmel | AT49BV002N    | [PLCC32]       | (1399)      |
| Atmel | AT49BV002N    | [TSOP32]       | (1414)      |
| Atmel | AT49BV002N    | [VSOP32]       | (56)        |
| Atmel | AT49BV002NT   |                |             |
| Atmel | AT49BV002NT   | [PLCC32]       | (1399)      |
| Atmel | AT49BV002NT   | [TSOP32]       | (1414)      |
| Atmel | AT49BV002NT   | [VSOP32]       | (56)        |
| Atmel | AT49BV002T    |                |             |
| Atmel | AT49BV002T    | [PLCC32]       | (1399)      |
| Atmel | AT49BV002T    | [TSOP32]       | (1414)      |
| Atmel | AT49BV002T    | [VSOP32]       | (56)        |
| Atmel | AT49BV008A    | [TSOP40]       | (1368)      |
| Atmel | AT49BV008AT   | [TSOP40]       | (1368)      |
| Atmel | AT49BV010     | [PLCC32]       | (1399)      |
| Atmel | AT49BV010     | [TSOP32]       | (1414)      |
| Atmel | AT49BV020     | [PLCC32]       | (1399)      |
| Atmel | AT49BV020     | [TSOP32]       | (1414)      |
| Atmel | AT49BV020     | [VSOP32]       | (56)        |
| Atmel | AT49BV040     | [PLCC32]       | (1384)      |
| Atmel | AT49BV040     | [TSOP32]       | (1381)      |
| Atmel | AT49BV040     | [VSOP32]       | (56)        |
| Atmel | AT49BV040A    | [PLCC32]       | (1384)      |
| Atmel | AT49BV040A    | [TSOP32]       | (1381)      |
| Atmel | AT49BV040A    | [VSOP32]       | (56)        |
| Atmel | AT49BV040B    | [PLCC32]       | (1384)      |
| Atmel | AT49BV040B    | [TSOP32]       | (1381)      |
| Atmel | AT49BV040B    | [VSOP32]       | (56)        |
| Atmel | AT49BV040T    | [PLCC32]       | (1384)      |
| Atmel | AT49BV040T    | [TSOP32]       | (1381)      |
| Atmel | AT49BV080     | [SOIC44]       | (1357)      |
| Atmel | AT49BV080     | [TSOP40]       | (1369)      |
| Atmel | AT49BV080T    | [SOIC44]       | (1357)      |
| Atmel | AT49BV080T    | [TSOP40]       | (1369)      |
| Atmel | AT49BV1024A   | [VSOP40]       | (1365)      |
| Atmel | AT49BV160     | [TSOP48]       | (1346)      |
| Atmel | AT49BV1604    | [TSOP48]       | (1346)      |
| Atmel | AT49BV1604    | [uBGA48]       | (1132)      |
| Atmel | AT49BV1604A   | [CBGA45]       | (1133)      |
| Atmel | AT49BV1604A   | [TSOP48]       | (1346)      |
| Atmel | AT49BV1604AT  | [CBGA45]       | (1133)      |
| Atmel | AT49BV1604AT  | [TSOP48]       | (1346)      |
| Atmel | AT49BV1604T   | [TSOP48]       | (1346)      |
| Atmel | AT49BV1604T   | [uBGA48]       | (1132)      |
| Atmel | AT49BV160C    | [CBGA46]       | (1133)      |
| Atmel | AT49BV160C    | [TSOP48]       | (1346)      |
| Atmel | AT49BV160CT   | [CBGA46]       | (1133)      |
| Atmel | AT49BV160CT   | [TSOP48]       | (1346)      |
| Atmel | AT49BV160D    | [TSOP48]       | (1346)      |
| Atmel | AT49BV160DT   | [TSOP48]       | (1346)      |



|       |              |          |        |
|-------|--------------|----------|--------|
| Atmel | AT49BV160S   | [CBGA64] | (851)  |
| Atmel | AT49BV160ST  | [CBGA64] | (851)  |
| Atmel | AT49BV160T   | [TSOP48] | (1346) |
| Atmel | AT49BV161    | [CBGA48] | (859)  |
| Atmel | AT49BV161    | [TSOP48] | (1346) |
| Atmel | AT49BV1614   | [CBGA48] | (529)  |
| Atmel | AT49BV1614   | [TSOP48] | (1346) |
| Atmel | AT49BV1614A  | [CBGA48] | (859)  |
| Atmel | AT49BV1614A  | [TSOP48] | (1346) |
| Atmel | AT49BV1614AT | [CBGA48] | (859)  |
| Atmel | AT49BV1614AT | [TSOP48] | (1346) |
| Atmel | AT49BV1614T  | [CBGA48] | (529)  |
| Atmel | AT49BV1614T  | [TSOP48] | (1346) |
| Atmel | AT49BV161T   | [CBGA48] | (859)  |
| Atmel | AT49BV161T   | [TSOP48] | (1346) |
| Atmel | AT49BV162A   | [CBGA48] | (859)  |
| Atmel | AT49BV162A   | [TSOP48] | (1346) |
| Atmel | AT49BV162AT  | [CBGA48] | (859)  |
| Atmel | AT49BV162AT  | [TSOP48] | (1346) |
| Atmel | AT49BV163A   | [CBGA48] | (859)  |
| Atmel | AT49BV163A   | [TSOP48] | (1346) |
| Atmel | AT49BV163AT  | [CBGA48] | (859)  |
| Atmel | AT49BV163AT  | [TSOP48] | (1346) |
| Atmel | AT49BV163D   | [CBGA48] | (859)  |
| Atmel | AT49BV163D   | [TSOP48] | (1346) |
| Atmel | AT49BV163DT  | [CBGA48] | (859)  |
| Atmel | AT49BV163DT  | [TSOP48] | (1346) |
| Atmel | AT49BV2048A  | [PSOP44] | (1356) |
| Atmel | AT49BV2048A  | [TSOP48] | (1346) |
| Atmel | AT49BV320    | [TSOP48] | (1346) |
| Atmel | AT49BV320    | [uBGA46] | (689)  |
| Atmel | AT49BV3208   | [TSOP48] | (1346) |
| Atmel | AT49BV3208T  | [TSOP48] | (1346) |
| Atmel | AT49BV320A   | [CBGA46] | (718)  |
| Atmel | AT49BV320A   | [TSOP48] | (1346) |
| Atmel | AT49BV320AT  | [CBGA46] | (718)  |
| Atmel | AT49BV320AT  | [TSOP48] | (1346) |
| Atmel | AT49BV320C   | [CBGA47] | (718)  |
| Atmel | AT49BV320C   | [TSOP48] | (1346) |
| Atmel | AT49BV320CT  | [CBGA47] | (718)  |
| Atmel | AT49BV320CT  | [TSOP48] | (1346) |
| Atmel | AT49BV320D   | [CBGA47] | (718)  |
| Atmel | AT49BV320D   | [TSOP48] | (1346) |
| Atmel | AT49BV320DT  | [CBGA47] | (718)  |
| Atmel | AT49BV320DT  | [TSOP48] | (1346) |
| Atmel | AT49BV320S   | [CBGA64] | (851)  |
| Atmel | AT49BV320ST  | [CBGA64] | (851)  |
| Atmel | AT49BV320T   | [TSOP48] | (1346) |
| Atmel | AT49BV320T   | [uBGA46] | (689)  |
| Atmel | AT49BV321    | [CBGA48] | (529)  |
| Atmel | AT49BV321    | [TSOP48] | (1346) |
| Atmel | AT49BV3218   | [CBGA48] | (529)  |
| Atmel | AT49BV3218   | [TSOP48] | (1346) |
| Atmel | AT49BV3218T  | [CBGA48] | (529)  |
| Atmel | AT49BV3218T  | [TSOP48] | (1346) |
| Atmel | AT49BV321T   | [CBGA48] | (529)  |
| Atmel | AT49BV321T   | [TSOP48] | (1346) |
| Atmel | AT49BV322A   | [CBGA48] | (843)  |
| Atmel | AT49BV322A   | [TSOP48] | (1346) |
| Atmel | AT49BV322AT  | [CBGA48] | (843)  |
| Atmel | AT49BV322AT  | [TSOP48] | (1346) |
| Atmel | AT49BV322D   | [CBGA48] | (780)  |
| Atmel | AT49BV322D   | [TSOP48] | (1346) |
| Atmel | AT49BV322DT  | [CBGA48] | (780)  |
| Atmel | AT49BV322DT  | [TSOP48] | (1346) |
| Atmel | AT49BV4096A  | [SOIC44] | (1356) |
| Atmel | AT49BV4096A  | [TSOP48] | (1346) |
| Atmel | AT49BV512    |          |        |
| Atmel | AT49BV512    | [PLCC32] | (1399) |
| Atmel | AT49BV512    | [TSOP32] | (1414) |
| Atmel | AT49BV512    | [VSOP32] | (1412) |
| Atmel | AT49BV640    | [TSOP48] | (1346) |
| Atmel | AT49BV640D   | [CBGA48] | (718)  |
| Atmel | AT49BV640D   | [TSOP56] | (1404) |
| Atmel | AT49BV640DT  | [CBGA48] | (718)  |
| Atmel | AT49BV640DT  | [TSOP56] | (1404) |
| Atmel | AT49BV640S   | [CBGA64] | (851)  |
| Atmel | AT49BV640ST  | [CBGA64] | (851)  |
| Atmel | AT49BV640T   | [TSOP48] | (1346) |
| Atmel | AT49BV6416   | [TSOP48] | (1346) |
| Atmel | AT49BV6416T  | [TSOP48] | (1346) |
| Atmel | AT49BV642D   | [TSOP48] | (1346) |
| Atmel | AT49BV642DT  | [TSOP48] | (1346) |
| Atmel | AT49BV8004   | [TSOP48] | (1346) |
| Atmel | AT49BV8004T  | [TSOP48] | (1346) |
| Atmel | AT49BV801    | [TSOP48] | (1346) |
| Atmel | AT49BV8011   | [TSOP48] | (1346) |
| Atmel | AT49BV8011T  | [TSOP48] | (1346) |
| Atmel | AT49BV801T   | [TSOP48] | (1346) |
| Atmel | AT49BV802A   | [CBGA48] | (859)  |
| Atmel | AT49BV802A   | [TSOP48] | (1346) |
| Atmel | AT49BV802AT  | [CBGA48] | (859)  |
| Atmel | AT49BV802AT  | [TSOP48] | (1346) |
| Atmel | AT49BV802D   | [CBGA48] | (859)  |
| Atmel | AT49BV802D   | [TSOP48] | (1346) |
| Atmel | AT49BV802DT  | [CBGA48] | (859)  |
| Atmel | AT49BV802DT  | [TSOP48] | (1346) |
| Atmel | AT49BV8192   | [PSOP44] | (1356) |
| Atmel | AT49BV8192   | [TSOP48] | (1346) |
| Atmel | AT49BV8192A  | [CBGA48] | (688)  |
| Atmel | AT49BV8192A  | [TSOP48] | (1346) |
| Atmel | AT49BV8192AT | [CBGA48] | (688)  |
| Atmel | AT49BV8192AT | [TSOP48] | (1346) |
| Atmel | AT49BV8192T  | [PSOP44] | (1356) |
| Atmel | AT49BV8192T  | [TSOP48] | (1346) |
| Atmel | AT49F001     |          |        |
| Atmel | AT49F001     | [PLCC32] | (1399) |
| Atmel | AT49F001     | [TSOP32] | (1414) |
| Atmel | AT49F001     | [VSOP32] | (1412) |
| Atmel | AT49F001A    | [PLCC32] | (1399) |
| Atmel | AT49F001A    | [TSOP32] | (1414) |
| Atmel | AT49F001A    | [VSOP32] | (1412) |
| Atmel | AT49F001AN   | [PLCC32] | (1399) |
| Atmel | AT49F001AN   | [TSOP32] | (1414) |
| Atmel | AT49F001AN   | [VSOP32] | (1412) |
| Atmel | AT49F001ANT  | [PLCC32] | (1399) |
| Atmel | AT49F001ANT  | [TSOP32] | (1414) |
| Atmel | AT49F001ANT  | [VSOP32] | (1412) |
| Atmel | AT49F001AT   | [PLCC32] | (1399) |
| Atmel | AT49F001AT   | [TSOP32] | (1414) |
| Atmel | AT49F001AT   | [VSOP32] | (1412) |
| Atmel | AT49F001N    |          |        |
| Atmel | AT49F001N    | [PLCC32] | (1399) |
| Atmel | AT49F001N    | [TSOP32] | (1414) |
| Atmel | AT49F001N    | [VSOP32] | (1412) |
| Atmel | AT49F001NT   |          |        |
| Atmel | AT49F001NT   | [PLCC32] | (1399) |
| Atmel | AT49F001NT   | [TSOP32] | (1414) |

|       |             |          |        |
|-------|-------------|----------|--------|
| Atmel | AT49F001NT  | [VSOP32] | (1412) |
| Atmel | AT49F001T   |          |        |
| Atmel | AT49F001T   | [PLCC32] | (1399) |
| Atmel | AT49F001T   | [TSOP32] | (1414) |
| Atmel | AT49F001T   | [VSOP32] | (1412) |
| Atmel | AT49F002    |          |        |
| Atmel | AT49F002    | [PLCC32] | (1399) |
| Atmel | AT49F002    | [TSOP32] | (1414) |
| Atmel | AT49F002    | [VSOP32] | (56)   |
| Atmel | AT49F002A   |          |        |
| Atmel | AT49F002A   | [PLCC32] | (1399) |
| Atmel | AT49F002A   | [TSOP32] | (1414) |
| Atmel | AT49F002A   | [VSOP32] | (56)   |
| Atmel | AT49F002AN  |          |        |
| Atmel | AT49F002AN  | [PLCC32] | (1399) |
| Atmel | AT49F002AN  | [TSOP32] | (1414) |
| Atmel | AT49F002AN  | [VSOP32] | (56)   |
| Atmel | AT49F002ANT |          |        |
| Atmel | AT49F002ANT | [PLCC32] | (1399) |
| Atmel | AT49F002ANT | [TSOP32] | (1414) |
| Atmel | AT49F002ANT | [VSOP32] | (56)   |
| Atmel | AT49F002AT  |          |        |
| Atmel | AT49F002AT  | [PLCC32] | (1399) |
| Atmel | AT49F002AT  | [TSOP32] | (1414) |
| Atmel | AT49F002AT  | [VSOP32] | (56)   |
| Atmel | AT49F002N   |          |        |
| Atmel | AT49F002N   | [PLCC32] | (1399) |
| Atmel | AT49F002N   | [TSOP32] | (1414) |
| Atmel | AT49F002N   | [VSOP32] | (56)   |
| Atmel | AT49F002NT  |          |        |
| Atmel | AT49F002NT  | [PLCC32] | (1399) |
| Atmel | AT49F002NT  | [TSOP32] | (1414) |
| Atmel | AT49F002NT  | [VSOP32] | (56)   |
| Atmel | AT49F002T   |          |        |
| Atmel | AT49F002T   | [PLCC32] | (1399) |
| Atmel | AT49F002T   | [TSOP32] | (1414) |
| Atmel | AT49F002T   | [VSOP32] | (56)   |
| Atmel | AT49F004    | [TSOP40] | (1368) |
| Atmel | AT49F004T   | [TSOP40] | (1368) |
| Atmel | AT49F008A   | [TSOP40] | (1368) |
| Atmel | AT49F008AT  | [TSOP40] | (1368) |
| Atmel | AT49F010    |          |        |
| Atmel | AT49F010    | [PLCC32] | (1399) |
| Atmel | AT49F010    | [TSOP32] | (1414) |
| Atmel | AT49F020    |          |        |
| Atmel | AT49F020    | [PLCC32] | (1399) |
| Atmel | AT49F020    | [TSOP32] | (1414) |
| Atmel | AT49F040    |          |        |
| Atmel | AT49F040    | [PLCC32] | (1384) |
| Atmel | AT49F040    | [TSOP32] | (1381) |
| Atmel | AT49F040A   |          |        |
| Atmel | AT49F040A   | [PLCC32] | (1384) |
| Atmel | AT49F040A   | [TSOP32] | (1381) |
| Atmel | AT49F040T   |          |        |
| Atmel | AT49F040T   | [PLCC32] | (1384) |
| Atmel | AT49F040T   | [TSOP32] | (1381) |
| Atmel | AT49F080    | [SOIC44] | (98)   |
| Atmel | AT49F080    | [TSOP40] | (1369) |
| Atmel | AT49F080T   | [SOIC44] | (98)   |
| Atmel | AT49F080T   | [TSOP40] | (1369) |
| Atmel | AT49F1024   | [PLCC44] | (67)   |
| Atmel | AT49F1024   | [TSOP40] | (1365) |
| Atmel | AT49F1024A  | [TSOP40] | (1365) |
| Atmel | AT49F1025   | [PLCC44] | (67)   |
| Atmel | AT49F1025   | [TSOP40] | (1365) |
| Atmel | AT49F1604   | [TSOP48] | (1346) |
| Atmel | AT49F1604T  | [TSOP48] | (1346) |
| Atmel | AT49F1614   | [TSOP48] | (1346) |
| Atmel | AT49F1614T  | [TSOP48] | (1346) |
| Atmel | AT49F1618   | [TSOP48] | (1346) |
| Atmel | AT49F1618T  | [TSOP48] | (1346) |
| Atmel | AT49F2048   | [PSOP44] | (1356) |
| Atmel | AT49F2048   | [TSOP48] | (1346) |
| Atmel | AT49F2048A  | [PSOP44] | (1356) |
| Atmel | AT49F2048A  | [TSOP48] | (1346) |
| Atmel | AT49F4096   | [PSOP44] | (1356) |
| Atmel | AT49F4096   | [TSOP48] | (1346) |
| Atmel | AT49F4096A  | [PSOP44] | (1356) |
| Atmel | AT49F4096A  | [TSOP48] | (1346) |
| Atmel | AT49F512    |          |        |
| Atmel | AT49F512    | [PLCC32] | (1399) |
| Atmel | AT49F512    | [TSOP32] | (1414) |
| Atmel | AT49F512    | [VSOP32] | (1412) |
| Atmel | AT49F516    | [PLCC44] | (67)   |
| Atmel | AT49F516    | [TSOP40] | (1364) |
| Atmel | AT49F8004   | [TSOP48] | (1346) |
| Atmel | AT49F8004T  | [TSOP48] | (1346) |
| Atmel | AT49F8011   | [TSOP48] | (1346) |
| Atmel | AT49F8011T  | [TSOP48] | (1346) |
| Atmel | AT49F8192   | [PSOP44] | (1356) |
| Atmel | AT49F8192   | [TSOP48] | (1346) |
| Atmel | AT49F8192A  | [CBGA48] | (688)  |
| Atmel | AT49F8192A  | [PSOP44] | (1356) |
| Atmel | AT49F8192A  | [TSOP48] | (1346) |
| Atmel | AT49F8192AT | [CBGA48] | (688)  |
| Atmel | AT49F8192AT | [PSOP44] | (1356) |
| Atmel | AT49F8192AT | [TSOP48] | (1346) |
| Atmel | AT49F8192T  | [PSOP44] | (1356) |
| Atmel | AT49F8192T  | [TSOP48] | (1346) |
| Atmel | AT49H8V010  | [PLCC32] | (1399) |
| Atmel | AT49H8V010  | [TSOP32] | (1414) |
| Atmel | AT49HF010   |          |        |
| Atmel | AT49HF010   | [PLCC32] | (1399) |
| Atmel | AT49HF010   | [TSOP32] | (1414) |
| Atmel | AT49HLV010  | [PLCC32] | (1399) |
| Atmel | AT49HLV010  | [TSOP32] | (1414) |
| Atmel | AT49LH002   | [PLCC32] | (1399) |
| Atmel | AT49LH002   | [TSOP40] | (1367) |
| Atmel | AT49LH004   | [PLCC32] | (1384) |
| Atmel | AT49LH004   | [TSOP40] | (1367) |
| Atmel | AT49LH00B4  | [PLCC32] | (1384) |
| Atmel | AT49LH00B4  | [TSOP40] | (1367) |
| Atmel | AT49LL020   | [PLCC32] | (1399) |
| Atmel | AT49LL020   | [TSOP40] | (1367) |
| Atmel | AT49LL040   | [PLCC32] | (1384) |
| Atmel | AT49LL040   | [TSOP40] | (1367) |
| Atmel | AT49LL080   | [PLCC32] | (1384) |
| Atmel | AT49LL080   | [TSOP40] | (1367) |
| Atmel | AT49LV001   |          |        |
| Atmel | AT49LV001   | [PLCC32] | (1399) |
| Atmel | AT49LV001   | [TSOP32] | (1414) |
| Atmel | AT49LV001   | [VSOP32] | (1412) |
| Atmel | AT49LV001N  |          |        |
| Atmel | AT49LV001N  | [PLCC32] | (1399) |
| Atmel | AT49LV001N  | [TSOP32] | (1414) |
| Atmel | AT49LV001N  | [VSOP32] | (1412) |
| Atmel | AT49LV001NT |          |        |
| Atmel | AT49LV001NT | [PLCC32] | (1399) |

|       |              |          |        |
|-------|--------------|----------|--------|
| Atmel | AT49LV001NT  | [TSOP32] | (1414) |
| Atmel | AT49LV001NT  | [VSOP32] | (1412) |
| Atmel | AT49LV001T   |          |        |
| Atmel | AT49LV001T   | [PLCC32] | (1399) |
| Atmel | AT49LV001T   | [TSOP32] | (1414) |
| Atmel | AT49LV001T   | [VSOP32] | (1412) |
| Atmel | AT49LV002    |          |        |
| Atmel | AT49LV002    | [PLCC32] | (1399) |
| Atmel | AT49LV002    | [TSOP32] | (1414) |
| Atmel | AT49LV002    | [VSOP32] | (56)   |
| Atmel | AT49LV002N   |          |        |
| Atmel | AT49LV002N   | [PLCC32] | (1399) |
| Atmel | AT49LV002N   | [TSOP32] | (1414) |
| Atmel | AT49LV002N   | [VSOP32] | (56)   |
| Atmel | AT49LV002NT  |          |        |
| Atmel | AT49LV002NT  | [PLCC32] | (1399) |
| Atmel | AT49LV002NT  | [TSOP32] | (1414) |
| Atmel | AT49LV002NT  | [VSOP32] | (56)   |
| Atmel | AT49LV002T   |          |        |
| Atmel | AT49LV002T   | [PLCC32] | (1399) |
| Atmel | AT49LV002T   | [TSOP32] | (1414) |
| Atmel | AT49LV002T   | [VSOP32] | (56)   |
| Atmel | AT49LV010    | [PLCC32] | (1399) |
| Atmel | AT49LV010    | [TSOP32] | (1414) |
| Atmel | AT49LV020    | [PLCC32] | (1399) |
| Atmel | AT49LV020    | [TSOP32] | (1414) |
| Atmel | AT49LV020    | [VSOP32] | (56)   |
| Atmel | AT49LV040    | [PLCC32] | (1384) |
| Atmel | AT49LV040    | [TSOP32] | (1381) |
| Atmel | AT49LV040    | [VSOP32] | (56)   |
| Atmel | AT49LV040T   | [PLCC32] | (1384) |
| Atmel | AT49LV040T   | [TSOP32] | (1381) |
| Atmel | AT49LV080    | [SOIC44] | (1357) |
| Atmel | AT49LV080    | [TSOP40] | (1369) |
| Atmel | AT49LV080T   | [SOIC44] | (1357) |
| Atmel | AT49LV080T   | [TSOP40] | (1369) |
| Atmel | AT49LV1024   | [TSOP40] | (1365) |
| Atmel | AT49LV1024A  | [VSOP40] | (1365) |
| Atmel | AT49LV1025   | [PLCC44] | (67)   |
| Atmel | AT49LV161    | [CBGA48] | (859)  |
| Atmel | AT49LV161    | [TSOP48] | (1346) |
| Atmel | AT49LV1614   | [TSOP48] | (1346) |
| Atmel | AT49LV1614A  | [CBGA48] | (859)  |
| Atmel | AT49LV1614A  | [TSOP48] | (1346) |
| Atmel | AT49LV1614AT | [CBGA48] | (859)  |
| Atmel | AT49LV1614AT | [TSOP48] | (1346) |
| Atmel | AT49LV1614T  | [TSOP48] | (1346) |
| Atmel | AT49LV161T   | [CBGA48] | (859)  |
| Atmel | AT49LV161T   | [TSOP48] | (1346) |
| Atmel | AT49LV2048A  | [PSOP44] | (1356) |
| Atmel | AT49LV2048A  | [TSOP48] | (1346) |
| Atmel | AT49LV320    | [TSOP48] | (1346) |
| Atmel | AT49LV320    | [uBGA46] | (689)  |
| Atmel | AT49LV320T   | [TSOP48] | (1346) |
| Atmel | AT49LV320T   | [uBGA46] | (689)  |
| Atmel | AT49LV321    | [CBGA48] | (529)  |
| Atmel | AT49LV321    | [TSOP48] | (1346) |
| Atmel | AT49LV321T   | [CBGA48] | (529)  |
| Atmel | AT49LV321T   | [TSOP48] | (1346) |
| Atmel | AT49LV4096A  | [SOIC44] | (1356) |
| Atmel | AT49LV4096A  | [TSOP48] | (1346) |
| Atmel | AT49LV801    | [TSOP48] | (1346) |
| Atmel | AT49LV8011   | [TSOP48] | (1346) |
| Atmel | AT49LV8011T  | [TSOP48] | (1346) |
| Atmel | AT49LV801T   | [TSOP48] | (1346) |
| Atmel | AT49LV8192   | [PSOP44] | (1356) |
| Atmel | AT49LV8192   | [TSOP48] | (1346) |
| Atmel | AT49LV8192A  | [TSOP48] | (1346) |
| Atmel | AT49LV8192AT | [TSOP48] | (1346) |
| Atmel | AT49LV8192T  | [PSOP44] | (1356) |
| Atmel | AT49LV8192T  | [TSOP48] | (1346) |
| Atmel | AT49LW040    | [PLCC32] | (1384) |
| Atmel | AT49LW040    | [TSOP40] | (1367) |
| Atmel | AT49LW080    | [PLCC32] | (1384) |
| Atmel | AT49LW080    | [TSOP40] | (1367) |
| Atmel | AT49SN6416   | [CBGA56] | (783)  |
| Atmel | AT49SN6416T  | [CBGA56] | (783)  |
| Atmel | AT49SV163D   | [CBGA48] | (780)  |
| Atmel | AT49SV163D   | [TSOP48] | (1346) |
| Atmel | AT49SV163DT  | [CBGA48] | (780)  |
| Atmel | AT49SV163DT  | [TSOP48] | (1346) |
| Atmel | AT49SV322A   | [CBGA48] | (780)  |
| Atmel | AT49SV322A   | [TSOP48] | (1346) |
| Atmel | AT49SV322AT  | [CBGA48] | (780)  |
| Atmel | AT49SV322AT  | [TSOP48] | (1346) |
| Atmel | AT49SV322D   | [CBGA48] | (780)  |
| Atmel | AT49SV322D   | [TSOP48] | (1346) |
| Atmel | AT49SV322DT  | [CBGA48] | (780)  |
| Atmel | AT49SV322DT  | [TSOP48] | (1346) |
| Atmel | AT49SV802A   | [CBGA48] | (859)  |
| Atmel | AT49SV802A   | [TSOP48] | (1346) |
| Atmel | AT49SV802AT  | [CBGA48] | (859)  |
| Atmel | AT49SV802AT  | [TSOP48] | (1346) |
| Atmel | AT49V002A    |          |        |
| Atmel | AT49V002A    | [PLCC32] | (1399) |
| Atmel | AT49V002A    | [TSOP32] | (1414) |
| Atmel | AT49V002A    | [VSOP32] | (56)   |
| Atmel | AT49V002AN   |          |        |
| Atmel | AT49V002AN   | [PLCC32] | (1399) |
| Atmel | AT49V002AN   | [TSOP32] | (1414) |
| Atmel | AT49V002AN   | [VSOP32] | (56)   |
| Atmel | AT49V002ANT  |          |        |
| Atmel | AT49V002ANT  | [PLCC32] | (1399) |
| Atmel | AT49V002ANT  | [TSOP32] | (1414) |
| Atmel | AT49V002ANT  | [VSOP32] | (56)   |
| Atmel | AT49V002AT   |          |        |
| Atmel | AT49V002AT   | [PLCC32] | (1399) |
| Atmel | AT49V002AT   | [TSOP32] | (1414) |
| Atmel | AT49V002AT   | [VSOP32] | (56)   |
| Atmel | AT52BC1661A  | [CBGA66] | (596)  |
| Atmel | AT52BC1661AT | [CBGA66] | (596)  |
| Atmel | AT52BC3221D  | [CBGA66] | (596)  |
| Atmel | AT52BC3221DT | [CBGA66] | (596)  |
| Atmel | AT52BC6402D  | [CBGA66] | (596)  |
| Atmel | AT52BC6402DT | [CBGA66] | (596)  |
| Atmel | AT52BR1668A  | [CBGA66] | (596)  |
| Atmel | AT52BR1668AT | [CBGA66] | (596)  |
| Atmel | AT52BR3224A  | [CBGA66] | (596)  |
| Atmel | AT52BR3224AT | [CBGA66] | (596)  |
| Atmel | AT52BR3228A  | [CBGA66] | (596)  |
| Atmel | AT52BR3228AT | [CBGA66] | (596)  |
| Atmel | AT52BR3244   | [CBGA66] | (1130) |
| Atmel | AT52BR3244T  | [CBGA66] | (1130) |
| Atmel | AT52BR3248   | [CBGA66] | (1130) |
| Atmel | AT52BR3248T  | [CBGA66] | (1130) |
| Atmel | AT52BR6408A  | [CBGA66] | (1130) |
| Atmel | AT52BR6408AT | [CBGA66] | (1130) |
| Atmel | AT59C11      |          |        |

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| Atmel | AT59C11 (ISP)         | (138)  |
| Atmel | AT59C11 (x8)          |        |
| Atmel | AT59C11 (x8) (ISP)    | (138)  |
| Atmel | AT59C11 (x8) [SOIC8]  | (950)  |
| Atmel | AT59C11 [SOIC8]       | (46)   |
| Atmel | AT59C12               |        |
| Atmel | AT59C12 (ISP)         | (138)  |
| Atmel | AT59C12 (x8)          |        |
| Atmel | AT59C12 (x8) (ISP)    | (138)  |
| Atmel | AT59C12 (x8) [SOIC8]  | (950)  |
| Atmel | AT59C12 [SOIC8]       | (950)  |
| Atmel | AT59C13               |        |
| Atmel | AT59C13 (ISP)         | (138)  |
| Atmel | AT59C13 (x8)          |        |
| Atmel | AT59C13 (x8) (ISP)    | (138)  |
| Atmel | AT59C13 (x8) [SOIC8]  | (950)  |
| Atmel | AT59C13 [SOIC8]       | (46)   |
| Atmel | AT59C22               |        |
| Atmel | AT59C22 (ISP)         | (138)  |
| Atmel | AT59C22 (x8)          |        |
| Atmel | AT59C22 (x8) (ISP)    | (138)  |
| Atmel | AT59C22 (x8) [SOIC8]  | (950)  |
| Atmel | AT59C22 [SOIC8]       | (46)   |
| Atmel | AT87251G2D            |        |
| Atmel | AT87251G2D [PLCC44]   | (67)   |
| Atmel | AT87251G2D [VQFP44]   | (94)   |
| Atmel | AT87251G2D-L          |        |
| Atmel | AT87251G2D-L [PLCC44] | (67)   |
| Atmel | AT87251G2D-L [VQFP44] | (94)   |
| Atmel | AT87C5103 [SSOP16]    | (1103) |
| Atmel | AT87C5103 [SSOP24]    | (1103) |
| Atmel | AT87C5111             |        |
| Atmel | AT87C5111 [SO20]      | (119)  |
| Atmel | AT87C5111 [SO24]      | (1062) |
| Atmel | AT87C5111 [SSOP16]    | (1103) |
| Atmel | AT87C5111 [SSOP24]    | (1103) |
| Atmel | AT87C5112 [LQFP48]    | (168)  |
| Atmel | AT87C5112 [PLCC52]    | (151)  |
| Atmel | AT87C51RB2            |        |
| Atmel | AT87C51RB2 [PLCC44]   | (67)   |
| Atmel | AT87C51RB2 [VQFP44]   | (94)   |
| Atmel | AT87C51RC2            |        |
| Atmel | AT87C51RC2 [PLCC44]   | (67)   |
| Atmel | AT87C51RC2 [VQFP44]   | (94)   |
| Atmel | AT87C51RD2            |        |
| Atmel | AT87C51RD2 [PLCC44]   | (67)   |
| Atmel | AT87C51RD2 [VQFP44]   | (94)   |
| Atmel | AT87C52X2             |        |
| Atmel | AT87C52X2 [PLCC44]    | (67)   |
| Atmel | AT87C52X2 [VQFP44]    | (94)   |
| Atmel | AT87C54X2             |        |
| Atmel | AT87C54X2 [PLCC44]    | (67)   |
| Atmel | AT87C54X2 [VQFP44]    | (94)   |
| Atmel | AT87C58X2             |        |
| Atmel | AT87C58X2 [PLCC44]    | (67)   |
| Atmel | AT87C58X2 [VQFP44]    | (94)   |
| Atmel | AT87F51               |        |
| Atmel | AT87F51 [PLCC44]      | (67)   |
| Atmel | AT87F51 [TQFP44]      | (94)   |
| Atmel | AT87F51RC             |        |
| Atmel | AT87F51RC [PLCC44]    | (67)   |
| Atmel | AT87F51RC [TQFP44]    | (94)   |
| Atmel | AT87F52               |        |
| Atmel | AT87F52 [PLCC44]      | (67)   |
| Atmel | AT87F52 [TQFP44]      | (94)   |
| Atmel | AT87F55               |        |
| Atmel | AT87F55 [PLCC44]      | (67)   |
| Atmel | AT87F55 [TQFP44]      | (94)   |
| Atmel | AT87F55WD             |        |
| Atmel | AT87F55WD [PLCC44]    | (67)   |
| Atmel | AT87F55WD [TQFP44]    | (94)   |
| Atmel | AT87LV51              |        |
| Atmel | AT87LV51 [PLCC44]     | (67)   |
| Atmel | AT87LV51 [TQFP44]     | (94)   |
| Atmel | AT87LV52              |        |
| Atmel | AT87LV52 [PLCC44]     | (67)   |
| Atmel | AT87LV52 [TQFP44]     | (94)   |
| Atmel | AT87LV55              |        |
| Atmel | AT87LV55 [PLCC44]     | (67)   |
| Atmel | AT87LV55 [TQFP44]     | (94)   |
| Atmel | AT88SC0104C           |        |
| Atmel | AT88SC0104C (ISP)     | (138)  |
| Atmel | AT88SC0104C [SAP8]    | (577)  |
| Atmel | AT88SC0104C [SOIC8]   | (950)  |
| Atmel | AT88SC0104CA          |        |
| Atmel | AT88SC0104CA (ISP)    | (138)  |
| Atmel | AT88SC0104CA [SOIC8]  | (950)  |
| Atmel | AT88SC0104CA [TSSOP8] | (121)  |
| Atmel | AT88SC0204C           |        |
| Atmel | AT88SC0204C (ISP)     | (138)  |
| Atmel | AT88SC0204C [SAP8]    | (577)  |
| Atmel | AT88SC0204C [SOIC8]   | (950)  |
| Atmel | AT88SC0204CA          |        |
| Atmel | AT88SC0204CA (ISP)    | (138)  |
| Atmel | AT88SC0204CA [SOIC8]  | (950)  |
| Atmel | AT88SC0204CA [TSSOP8] | (121)  |
| Atmel | AT88SC0404C           |        |
| Atmel | AT88SC0404C (ISP)     | (138)  |
| Atmel | AT88SC0404C [SAP8]    | (577)  |
| Atmel | AT88SC0404C [SOIC8]   | (950)  |
| Atmel | AT88SC0404CA          |        |
| Atmel | AT88SC0404CA (ISP)    | (138)  |
| Atmel | AT88SC0404CA [SOIC8]  | (950)  |
| Atmel | AT88SC0404CA [TSSOP8] | (121)  |
| Atmel | AT88SC0808C           |        |
| Atmel | AT88SC0808C (ISP)     | (138)  |
| Atmel | AT88SC0808C [SAP8]    | (577)  |
| Atmel | AT88SC0808C [SOIC8]   | (950)  |
| Atmel | AT88SC0808CA          |        |
| Atmel | AT88SC0808CA (ISP)    | (138)  |
| Atmel | AT88SC0808CA [SOIC8]  | (950)  |
| Atmel | AT88SC0808CA [TSSOP8] | (121)  |
| Atmel | AT88SC12816C          |        |
| Atmel | AT88SC12816C (ISP)    | (138)  |
| Atmel | AT88SC12816C [SAP8]   | (577)  |
| Atmel | AT88SC12816C [SOIC8]  | (950)  |
| Atmel | AT88SC153             |        |
| Atmel | AT88SC1616C           |        |
| Atmel | AT88SC1616C (ISP)     | (138)  |
| Atmel | AT88SC1616C [SAP8]    | (577)  |
| Atmel | AT88SC1616C [SOIC8]   | (950)  |
| Atmel | AT88SC25616C          |        |
| Atmel | AT88SC25616C (ISP)    | (138)  |
| Atmel | AT88SC25616C [SAP8]   | (577)  |
| Atmel | AT88SC25616C [SOIC8]  | (950)  |
| Atmel | AT88SC3216C           |        |
| Atmel | AT88SC3216C (ISP)     | (138)  |
| Atmel | AT88SC3216C [SAP8]    | (577)  |

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| Atmel | AT88SC3216C [SOIC8]           | (950) |
| Atmel | AT88SC6416C                   |       |
| Atmel | AT88SC6416C (ISP)             | (138) |
| Atmel | AT88SC6416C [SAP8]            | (577) |
| Atmel | AT88SC6416C [SOIC8]           | (950) |
| Atmel | AT89C1051                     |       |
| Atmel | AT89C1051 [SOIC20]            | (119) |
| Atmel | AT89C1051U                    |       |
| Atmel | AT89C1051U [SOIC20]           | (119) |
| Atmel | AT89C2051                     |       |
| Atmel | AT89C2051 [SOIC20]            | (119) |
| Atmel | AT89C2051x2                   |       |
| Atmel | AT89C2051x2 [SOIC20]          | (119) |
| Atmel | AT89C4051                     |       |
| Atmel | AT89C4051 [SOIC20]            | (119) |
| Atmel | AT89C51                       |       |
| Atmel | AT89C51 [PLCC44]              | (67)  |
| Atmel | AT89C51 [PQFP44]              | (108) |
| Atmel | AT89C51 [TQFP44]              | (94)  |
| Atmel | AT89C5114 [SOIC20]            | (157) |
| Atmel | AT89C5115 [PLCC28]            | (48)  |
| Atmel | AT89C5115 [SOIC28]            | (51)  |
| Atmel | AT89C5115 [VQFP32]            | (159) |
| Atmel | AT89C5122 [PLCC28]            | (48)  |
| Atmel | AT89C5122 [QFN64]             | (913) |
| Atmel | AT89C5122 [VQFP64]            | (230) |
| Atmel | AT89C5122D [QFN64]            | (913) |
| Atmel | AT89C5122D [VQFP64]           | (230) |
| Atmel | AT89C5122DS [QFN64]           | (913) |
| Atmel | AT89C5122DS [VQFP64]          | (230) |
| Atmel | AT89C5130A (ISP)              | (138) |
| Atmel | AT89C5130A-xm [PLCC52]        | (156) |
| Atmel | AT89C5130A-xm [QFN32]         | (517) |
| Atmel | AT89C5130A-xm [VQFP64]        | (458) |
| Atmel | AT89C5131 (ISP)               | (138) |
| Atmel | AT89C5131 [MLF48]             | (567) |
| Atmel | AT89C5131 [PLCC52]            | (156) |
| Atmel | AT89C5131 [SO28]              | (51)  |
| Atmel | AT89C5131 [VQFP64]            | (458) |
| Atmel | AT89C5131A (ISP)              | (138) |
| Atmel | AT89C5131A-xL [PLCC52]        | (156) |
| Atmel | AT89C5131A-xL [SO28]          | (51)  |
| Atmel | AT89C5131A-xL [VQFP64]        | (458) |
| Atmel | AT89C5131A-xm [PLCC52]        | (156) |
| Atmel | AT89C5131A-xm [QFN32]         | (517) |
| Atmel | AT89C5131A-xm [VQFP64]        | (458) |
| Atmel | AT89C5132 [TQFP80]            | (150) |
| Atmel | AT89C51AC2-xm (ISP)           | (138) |
| Atmel | AT89C51AC2-xm [PLCC44]        | (67)  |
| Atmel | AT89C51AC2-xm [VQFP44]        | (94)  |
| Atmel | AT89C51AC3-xm (ISP)           | (138) |
| Atmel | AT89C51AC3-xm [PLCC44]        | (67)  |
| Atmel | AT89C51AC3-xm [PLCC52]        | (527) |
| Atmel | AT89C51AC3-xm [VQFP44]        | (94)  |
| Atmel | AT89C51AC3-xm [VQFP64]        | (528) |
| Atmel | AT89C51CC01CA-xm [CBGA64]     | (615) |
| Atmel | AT89C51CC01CA-xm [PLCC44]     | (67)  |
| Atmel | AT89C51CC01CA-xm [TQFP44]     | (94)  |
| Atmel | AT89C51CC01CA-xm [VQFP44]     | (94)  |
| Atmel | AT89C51CC01C-xm [CBGA64]      | (615) |
| Atmel | AT89C51CC01C-xm [PLCC44]      | (67)  |
| Atmel | AT89C51CC01C-xm [TQFP44]      | (94)  |
| Atmel | AT89C51CC01C-xm [VQFP44]      | (94)  |
| Atmel | AT89C51CC01UA-xm (ISP)        | (138) |
| Atmel | AT89C51CC01UA-xm [CBGA64]     | (615) |
| Atmel | AT89C51CC01UA-xm [PLCC44]     | (67)  |
| Atmel | AT89C51CC01UA-xm [TQFP44]     | (94)  |
| Atmel | AT89C51CC01UA-xm [VQFP44]     | (94)  |
| Atmel | AT89C51CC01U-xm (ISP)         | (138) |
| Atmel | AT89C51CC01U-xm [CBGA64]      | (615) |
| Atmel | AT89C51CC01U-xm [PLCC44]      | (67)  |
| Atmel | AT89C51CC01U-xm [TQFP44]      | (94)  |
| Atmel | AT89C51CC01U-xm [VQFP44]      | (94)  |
| Atmel | AT89C51CC02CA-xm [PLCC28]     | (48)  |
| Atmel | AT89C51CC02CA-xm [SOIC28]     | (51)  |
| Atmel | AT89C51CC02CA-xm [VQFP32]     | (159) |
| Atmel | AT89C51CC02C-xm [PLCC28]      | (48)  |
| Atmel | AT89C51CC02C-xm [SOIC28]      | (51)  |
| Atmel | AT89C51CC02C-xm [VQFP32]      | (159) |
| Atmel | AT89C51CC02UA-xm [PLCC28]     | (48)  |
| Atmel | AT89C51CC02UA-xm [SOIC28]     | (51)  |
| Atmel | AT89C51CC02UA-xm [VQFP32]     | (159) |
| Atmel | AT89C51CC02U-xm [PLCC28]      | (48)  |
| Atmel | AT89C51CC02U-xm [SOIC28]      | (51)  |
| Atmel | AT89C51CC02U-xm [VQFP32]      | (159) |
| Atmel | AT89C51CC03CA-xm [PLCC44]     | (67)  |
| Atmel | AT89C51CC03CA-xm [PLCC52]     | (527) |
| Atmel | AT89C51CC03CA-xm [VQFP44]     | (94)  |
| Atmel | AT89C51CC03CA-xm [VQFP64]     | (528) |
| Atmel | AT89C51CC03C-xm [PLCC44]      | (67)  |
| Atmel | AT89C51CC03C-xm [PLCC52]      | (527) |
| Atmel | AT89C51CC03C-xm [VQFP44]      | (94)  |
| Atmel | AT89C51CC03C-xm [VQFP64]      | (528) |
| Atmel | AT89C51CC03UA-xm (ISP)        | (138) |
| Atmel | AT89C51CC03UA-xm [PLCC44]     | (67)  |
| Atmel | AT89C51CC03UA-xm [PLCC52]     | (527) |
| Atmel | AT89C51CC03UA-xm [VQFP44]     | (94)  |
| Atmel | AT89C51CC03UA-xm [VQFP64]     | (528) |
| Atmel | AT89C51CC03U-xm (ISP)         | (138) |
| Atmel | AT89C51CC03U-xm [PLCC44]      | (67)  |
| Atmel | AT89C51CC03U-xm [PLCC52]      | (527) |
| Atmel | AT89C51CC03U-xm [VQFP44]      | (94)  |
| Atmel | AT89C51CC03U-xm [VQFP64]      | (528) |
| Atmel | AT89C51ED2-xm                 |       |
| Atmel | AT89C51ED2-xm (ISP)           | (138) |
| Atmel | AT89C51ED2-xm [PLCC44]        | (67)  |
| Atmel | AT89C51ED2-xm [PLCC44] (UART) | (67)  |
| Atmel | AT89C51ED2-xm [PLCC68]        | (178) |
| Atmel | AT89C51ED2-xm [VQFP44]        | (94)  |
| Atmel | AT89C51ED2-xm [VQFP64]        | (152) |
| Atmel | AT89C51IC2-xL                 |       |
| Atmel | AT89C51IC2-xL (ISP)           | (138) |
| Atmel | AT89C51IC2-xL [PLCC44]        | (67)  |
| Atmel | AT89C51IC2-xL [VQFP44]        | (94)  |
| Atmel | AT89C51IC2-xm                 |       |
| Atmel | AT89C51IC2-xm (ISP)           | (138) |
| Atmel | AT89C51IC2-xm [PLCC44]        | (67)  |
| Atmel | AT89C51IC2-xm [VQFP44]        | (94)  |
| Atmel | AT89C51ID2-xm                 |       |
| Atmel | AT89C51ID2-xm (ISP)           | (138) |
| Atmel | AT89C51ID2-xm [PLCC44]        | (67)  |
| Atmel | AT89C51ID2-xm [PLCC68]        | (178) |
| Atmel | AT89C51ID2-xm [VQFP44]        | (94)  |
| Atmel | AT89C51ID2-xm [VQFP64]        | (152) |
| Atmel | AT89C51RB2-xL                 |       |
| Atmel | AT89C51RB2-xL (ISP)           | (138) |
| Atmel | AT89C51RB2-xL [PLCC44]        | (67)  |
| Atmel | AT89C51RB2-xL [VQFP44]        | (94)  |

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| Atmel | AT89C51RB2-xm           |        |
| Atmel | AT89C51RB2-xm (ISP)     | (138)  |
| Atmel | AT89C51RB2-xm [PLCC44]  | (67)   |
| Atmel | AT89C51RB2-xm [VQFP44]  | (94)   |
| Atmel | AT89C51RC               |        |
| Atmel | AT89C51RC [PLCC44]      | (67)   |
| Atmel | AT89C51RC [TQFP44]      | (94)   |
| Atmel | AT89C51RC2-xL           |        |
| Atmel | AT89C51RC2-xL (ISP)     | (138)  |
| Atmel | AT89C51RC2-xL [PLCC44]  | (67)   |
| Atmel | AT89C51RC2-xL [VQFP44]  | (94)   |
| Atmel | AT89C51RC2-xm           |        |
| Atmel | AT89C51RC2-xm (ISP)     | (138)  |
| Atmel | AT89C51RC2-xm [PLCC44]  | (67)   |
| Atmel | AT89C51RC2-xm [VQFP44]  | (94)   |
| Atmel | AT89C51RD2-xm           |        |
| Atmel | AT89C51RD2-xm (ISP)     | (138)  |
| Atmel | AT89C51RD2-xm [PLCC44]  | (67)   |
| Atmel | AT89C51RD2-xm [VQFP44]  | (94)   |
| Atmel | AT89C51RD2-xm [PLCC68]  | (178)  |
| Atmel | AT89C51RD2-xm [VQFP44]  | (94)   |
| Atmel | AT89C51RD2-xm [VQFP64]  | (152)  |
| Atmel | AT89C51RE2 [PLCC44]     | (67)   |
| Atmel | AT89C51RE2 [VQFP44]     | (94)   |
| Atmel | AT89C51SND1 [TQFP80]    | (150)  |
| Atmel | AT89C51SND1C [CBGA81]   | (614)  |
| Atmel | AT89C51SND1C [TQFP80]   | (150)  |
| Atmel | AT89C51SND2C [CTBGA100] | (820)  |
| Atmel | AT89C51-x5              |        |
| Atmel | AT89C51-x5 [PLCC44]     | (67)   |
| Atmel | AT89C51-x5 [TQFP44]     | (94)   |
| Atmel | AT89C52                 |        |
| Atmel | AT89C52 [PLCC44]        | (67)   |
| Atmel | AT89C52 [TQFP44]        | (94)   |
| Atmel | AT89C52-x5              |        |
| Atmel | AT89C52-x5 [PLCC44]     | (67)   |
| Atmel | AT89C52-x5 [TQFP44]     | (94)   |
| Atmel | AT89C55                 |        |
| Atmel | AT89C55 [PLCC44]        | (67)   |
| Atmel | AT89C55 [TQFP44]        | (94)   |
| Atmel | AT89C55WD               |        |
| Atmel | AT89C55WD [PLCC44]      | (67)   |
| Atmel | AT89C55WD [TQFP44]      | (94)   |
| Atmel | AT89C55-x5              |        |
| Atmel | AT89C55-x5 [PLCC44]     | (67)   |
| Atmel | AT89C55-x5 [TQFP44]     | (94)   |
| Atmel | AT89EB5114 [SOIC20]     | (157)  |
| Atmel | AT89LP2052              |        |
| Atmel | AT89LP2052 (ISP)        | (138)  |
| Atmel | AT89LP2052 [SOIC20]     | (119)  |
| Atmel | AT89LP2052 [TSSOP20]    | (1089) |
| Atmel | AT89LP213               |        |
| Atmel | AT89LP213 (ISP)         | (138)  |
| Atmel | AT89LP213 [TSSOP14]     | (1087) |
| Atmel | AT89LP214               |        |
| Atmel | AT89LP214 (ISP)         | (138)  |
| Atmel | AT89LP214 [TSSOP14]     | (1087) |
| Atmel | AT89LP216               |        |
| Atmel | AT89LP216 (ISP)         | (138)  |
| Atmel | AT89LP216 [SOIC16]      | (1060) |
| Atmel | AT89LP216 [TSSOP16]     | (1088) |
| Atmel | AT89LP3240              |        |
| Atmel | AT89LP3240 (ISP)        | (138)  |
| Atmel | AT89LP3240 [MLF44]      | (231)  |
| Atmel | AT89LP3240 [PLCC44]     | (67)   |
| Atmel | AT89LP3240 [TQFP44]     | (94)   |
| Atmel | AT89LP4052              |        |
| Atmel | AT89LP4052 (ISP)        | (138)  |
| Atmel | AT89LP4052 [SOIC20]     | (119)  |
| Atmel | AT89LP4052 [TSSOP20]    | (1089) |
| Atmel | AT89LP428               |        |
| Atmel | AT89LP428 (ISP)         | (138)  |
| Atmel | AT89LP428 [PLCC32]      | (59)   |
| Atmel | AT89LP428 [TQFP32]      | (159)  |
| Atmel | AT89LP51                |        |
| Atmel | AT89LP51 (ISP)          | (138)  |
| Atmel | AT89LP51 [MLF44]        | (231)  |
| Atmel | AT89LP51 [PLCC44]       | (67)   |
| Atmel | AT89LP51 [TQFP44]       | (94)   |
| Atmel | AT89LP51ED2             |        |
| Atmel | AT89LP51ED2 (ISP)       | (138)  |
| Atmel | AT89LP51ED2 [LQFP44]    | (94)   |
| Atmel | AT89LP51ED2 [MLF44]     | (231)  |
| Atmel | AT89LP51ED2 [PLCC44]    | (67)   |
| Atmel | AT89LP51ED2 [QFN44]     | (231)  |
| Atmel | AT89LP51ED2 [TQFP44]    | (94)   |
| Atmel | AT89LP51ED2 [VQFN44]    | (231)  |
| Atmel | AT89LP51ED2 [VQFP44]    | (94)   |
| Atmel | AT89LP51IC2 (ISP)       | (138)  |
| Atmel | AT89LP51IC2 [LQFP44]    | (94)   |
| Atmel | AT89LP51IC2 [MLF44]     | (231)  |
| Atmel | AT89LP51IC2 [PLCC44]    | (67)   |
| Atmel | AT89LP51IC2 [QFN44]     | (231)  |
| Atmel | AT89LP51IC2 [TQFP44]    | (94)   |
| Atmel | AT89LP51IC2 [VQFN44]    | (231)  |
| Atmel | AT89LP51IC2 [VQFP44]    | (94)   |
| Atmel | AT89LP51ID2 (ISP)       | (138)  |
| Atmel | AT89LP51ID2 [LQFP44]    | (94)   |
| Atmel | AT89LP51ID2 [MLF44]     | (231)  |
| Atmel | AT89LP51ID2 [PLCC44]    | (67)   |
| Atmel | AT89LP51ID2 [QFN44]     | (231)  |
| Atmel | AT89LP51ID2 [TQFP44]    | (94)   |
| Atmel | AT89LP51ID2 [VQFN44]    | (231)  |
| Atmel | AT89LP51ID2 [VQFP44]    | (94)   |
| Atmel | AT89LP51RB2             |        |
| Atmel | AT89LP51RB2 (ISP)       | (138)  |
| Atmel | AT89LP51RB2 [LQFP44]    | (94)   |
| Atmel | AT89LP51RB2 [MLF44]     | (231)  |
| Atmel | AT89LP51RB2 [PLCC44]    | (67)   |
| Atmel | AT89LP51RB2 [QFN44]     | (231)  |
| Atmel | AT89LP51RB2 [TQFP44]    | (94)   |
| Atmel | AT89LP51RB2 [VQFN44]    | (231)  |
| Atmel | AT89LP51RB2 [VQFP44]    | (94)   |
| Atmel | AT89LP51RC2             |        |
| Atmel | AT89LP51RC2 (ISP)       | (138)  |
| Atmel | AT89LP51RC2 [LQFP44]    | (94)   |
| Atmel | AT89LP51RC2 [MLF44]     | (231)  |
| Atmel | AT89LP51RC2 [PLCC44]    | (67)   |
| Atmel | AT89LP51RC2 [QFN44]     | (231)  |
| Atmel | AT89LP51RC2 [TQFP44]    | (94)   |
| Atmel | AT89LP51RC2 [VQFN44]    | (231)  |
| Atmel | AT89LP51RC2 [VQFP44]    | (94)   |
| Atmel | AT89LP51RD2             |        |
| Atmel | AT89LP51RD2 (ISP)       | (138)  |
| Atmel | AT89LP51RD2 [LQFP44]    | (94)   |
| Atmel | AT89LP51RD2 [MLF44]     | (231)  |
| Atmel | AT89LP51RD2 [PLCC44]    | (67)   |
| Atmel | AT89LP51RD2 [QFN44]     | (231)  |
| Atmel | AT89LP51RD2 [TQFP44]    | (94)   |

|       |                              |       |
|-------|------------------------------|-------|
| Atmel | AT89LP51RD2 [VQFN44]         | (231) |
| Atmel | AT89LP51RD2 [VQFP44]         | (94)  |
| Atmel | AT89LP52                     |       |
| Atmel | AT89LP52 (ISP)               | (138) |
| Atmel | AT89LP52 [MLF44]             | (231) |
| Atmel | AT89LP52 [PLCC44]            | (67)  |
| Atmel | AT89LP52 [TQFP44]            | (94)  |
| Atmel | AT89LP6440                   |       |
| Atmel | AT89LP6440 (ISP)             | (138) |
| Atmel | AT89LP6440 [MLF44]           | (231) |
| Atmel | AT89LP6440 [PLCC44]          | (67)  |
| Atmel | AT89LP6440 [TQFP44]          | (94)  |
| Atmel | AT89LP828                    |       |
| Atmel | AT89LP828 (ISP)              | (138) |
| Atmel | AT89LP828 [PLCC32]           | (59)  |
| Atmel | AT89LP828 [TQFP32]           | (159) |
| Atmel | AT89LS51                     |       |
| Atmel | AT89LS51 (ISP)               | (138) |
| Atmel | AT89LS51 [PLCC44]            | (67)  |
| Atmel | AT89LS51 [SDIP42]            | (164) |
| Atmel | AT89LS51 [TQFP44]            | (94)  |
| Atmel | AT89LS52                     |       |
| Atmel | AT89LS52 (ISP)               | (138) |
| Atmel | AT89LS52 [PLCC44]            | (67)  |
| Atmel | AT89LS52 [SDIP42]            | (164) |
| Atmel | AT89LS52 [TQFP44]            | (94)  |
| Atmel | AT89LS53                     |       |
| Atmel | AT89LS53 (ISP)               | (138) |
| Atmel | AT89LS53 [PLCC44]            | (67)  |
| Atmel | AT89LS53 [TQFP44]            | (94)  |
| Atmel | AT89LS8252                   |       |
| Atmel | AT89LS8252 (ISP)             | (138) |
| Atmel | AT89LS8252 [PLCC44]          | (67)  |
| Atmel | AT89LS8252 [TQFP44]          | (94)  |
| Atmel | AT89LS8253                   |       |
| Atmel | AT89LS8253 (ISP)             | (138) |
| Atmel | AT89LS8253 [PLCC44]          | (67)  |
| Atmel | AT89LS8253 [SDIP42]          | (164) |
| Atmel | AT89LS8253 [TQFP44]          | (94)  |
| Atmel | AT89LV51                     |       |
| Atmel | AT89LV51 [PLCC44]            | (67)  |
| Atmel | AT89LV51 [TQFP44]            | (94)  |
| Atmel | AT89LV51-x5                  |       |
| Atmel | AT89LV51-x5 [PLCC44]         | (67)  |
| Atmel | AT89LV51-x5 [TQFP44]         | (94)  |
| Atmel | AT89LV52                     |       |
| Atmel | AT89LV52 [PLCC44]            | (67)  |
| Atmel | AT89LV52 [TQFP44]            | (94)  |
| Atmel | AT89LV52-x5                  |       |
| Atmel | AT89LV52-x5 [PLCC44]         | (67)  |
| Atmel | AT89LV52-x5 [TQFP44]         | (94)  |
| Atmel | AT89LV55                     |       |
| Atmel | AT89LV55 [PLCC44]            | (67)  |
| Atmel | AT89LV55 [TQFP44]            | (94)  |
| Atmel | AT89S2051                    |       |
| Atmel | AT89S2051 (ISP)              | (138) |
| Atmel | AT89S2051 [SOIC20]           | (119) |
| Atmel | AT89S4051                    |       |
| Atmel | AT89S4051 (ISP)              | (138) |
| Atmel | AT89S4051 [SOIC20]           | (119) |
| Atmel | AT89S51                      |       |
| Atmel | AT89S51 (ISP)                | (138) |
| Atmel | AT89S51 [PLCC44]             | (67)  |
| Atmel | AT89S51 [SDIP42]             | (164) |
| Atmel | AT89S51 [TQFP44]             | (94)  |
| Atmel | AT89S52                      |       |
| Atmel | AT89S52 (ISP)                | (138) |
| Atmel | AT89S52 [PLCC44]             | (67)  |
| Atmel | AT89S52 [SDIP42]             | (164) |
| Atmel | AT89S52 [TQFP44]             | (94)  |
| Atmel | AT89S52E                     |       |
| Atmel | AT89S52E (ISP)               | (138) |
| Atmel | AT89S52E [PLCC44]            | (67)  |
| Atmel | AT89S52E [TQFP44]            | (94)  |
| Atmel | AT89S53                      |       |
| Atmel | AT89S53 (ISP)                | (138) |
| Atmel | AT89S53 [PLCC44]             | (67)  |
| Atmel | AT89S53 [TQFP44]             | (94)  |
| Atmel | AT89S54-XM                   |       |
| Atmel | AT89S54-XM (ISP)             | (138) |
| Atmel | AT89S54-XM [PLCC44]          | (67)  |
| Atmel | AT89S54-XM [VQFP44]          | (94)  |
| Atmel | AT89S58-XM                   |       |
| Atmel | AT89S58-XM (ISP)             | (138) |
| Atmel | AT89S58-XM [PLCC44]          | (67)  |
| Atmel | AT89S58-XM [VQFP44]          | (94)  |
| Atmel | AT89S64-XM                   |       |
| Atmel | AT89S64-XM (ISP)             | (138) |
| Atmel | AT89S64-XM [PLCC44]          | (67)  |
| Atmel | AT89S64-XM [VQFP44]          | (94)  |
| Atmel | AT89S8252                    |       |
| Atmel | AT89S8252 (ISP)              | (138) |
| Atmel | AT89S8252 [PLCC44]           | (67)  |
| Atmel | AT89S8252 [PQFP44]           | (108) |
| Atmel | AT89S8252 [TQFP44]           | (94)  |
| Atmel | AT89S8253 ver. A->G          |       |
| Atmel | AT89S8253 ver. A->G (ISP)    | (138) |
| Atmel | AT89S8253 ver. A->G [PLCC44] | (67)  |
| Atmel | AT89S8253 ver. A->G [SDIP42] | (164) |
| Atmel | AT89S8253 ver. A->G [TQFP44] | (94)  |
| Atmel | AT89S8253 ver. H->           |       |
| Atmel | AT89S8253 ver. H-> (ISP)     | (138) |
| Atmel | AT89S8253 ver. H-> [PLCC44]  | (67)  |
| Atmel | AT89S8253 ver. H-> [SDIP42]  | (164) |
| Atmel | AT89S8253 ver. H-> [TQFP44]  | (94)  |
| Atmel | AT90CAN128 (ISP-JTAG)        | (138) |
| Atmel | AT90CAN128 (ISP-SPI)         | (138) |
| Atmel | AT90CAN128 [QFN64]           | (559) |
| Atmel | AT90CAN128 [TQFP64]          | (103) |
| Atmel | AT90CAN32 (ISP-JTAG)         | (138) |
| Atmel | AT90CAN32 (ISP-SPI)          | (138) |
| Atmel | AT90CAN32 [QFN64]            | (559) |
| Atmel | AT90CAN32 [TQFP64]           | (103) |
| Atmel | AT90CAN64 (ISP-JTAG)         | (138) |
| Atmel | AT90CAN64 (ISP-SPI)          | (138) |
| Atmel | AT90CAN64 [QFN64]            | (559) |
| Atmel | AT90CAN64 [TQFP64]           | (103) |
| Atmel | AT90LS2323                   |       |
| Atmel | AT90LS2323 (ISP-SPI)         | (138) |
| Atmel | AT90LS2323 [SOIC8]           | (46)  |
| Atmel | AT90LS2333                   |       |
| Atmel | AT90LS2333 (ISP-SPI)         | (138) |
| Atmel | AT90LS2333 [TQFP32]          | (159) |
| Atmel | AT90LS2343                   |       |
| Atmel | AT90LS2343 (ISP-SPI)         | (138) |
| Atmel | AT90LS2343 [SOIC8]           | (46)  |
| Atmel | AT90LS4433                   |       |
| Atmel | AT90LS4433 (ISP-SPI)         | (138) |

|       |              |                |              |
|-------|--------------|----------------|--------------|
| Atmel | AT90LS4433   | [TQFP32]       | (159)        |
| Atmel | AT90LS4434   |                |              |
| Atmel | AT90LS4434   | (ISP-SPI)      | (138)        |
| Atmel | AT90LS4434   | [PLCC44]       | (67)         |
| Atmel | AT90LS4434   | [TQFP44]       | (94)         |
| Atmel | AT90LS8515   |                |              |
| Atmel | AT90LS8515   | (ISP-SPI)      | (138)        |
| Atmel | AT90LS8515   | [PLCC44]       | (67)         |
| Atmel | AT90LS8515   | [TQFP44]       | (94)         |
| Atmel | AT90LS8535   |                |              |
| Atmel | AT90LS8535   | (ISP-SPI)      | (138)        |
| Atmel | AT90LS8535   | [PLCC44]       | (67)         |
| Atmel | AT90LS8535   | [TQFP44]       | (94)         |
| Atmel | AT90PWM1     | (ISP-SPI)      | (138)        |
| Atmel | AT90PWM1     | [QFN32]        | (1080)       |
| Atmel | AT90PWM1     | [QFN32] (SPI)  | (1080)       |
| Atmel | AT90PWM1     | [SOIC24]       | (1062)       |
| Atmel | AT90PWM1     | [SOIC24] (SPI) | (1062)       |
| Atmel | AT90PWM161   | (ISP-SPI)      | (138)        |
| Atmel | AT90PWM161   | [QFN32]        | (221)        |
| Atmel | AT90PWM161   | [SOIC20]       | (119)        |
| Atmel | AT90PWM2     | (ISP-SPI)      | (138)        |
| Atmel | AT90PWM2     | [SOIC24]       | (1062)       |
| Atmel | AT90PWM2     | [SOIC24] (SPI) | (1062)       |
| Atmel | AT90PWM216   | (ISP-SPI)      | (138)        |
| Atmel | AT90PWM216   | [SOIC24]       | (1062)       |
| Atmel | AT90PWM2B    | (ISP-SPI)      | (138)        |
| Atmel | AT90PWM2B    | [SOIC24]       | (1062)       |
| Atmel | AT90PWM2B    | [SOIC24] (SPI) | (1062)       |
| Atmel | AT90PWM3     | (ISP-SPI)      | (138)        |
| Atmel | AT90PWM3     | [QFN32]        | (1080)       |
| Atmel | AT90PWM3     | [QFN32] (SPI)  | (1080)       |
| Atmel | AT90PWM3     | [SOIC32]       | (233)        |
| Atmel | AT90PWM3     | [SOIC32] (SPI) | (233)        |
| Atmel | AT90PWM316   | (ISP-SPI)      | (138)        |
| Atmel | AT90PWM316   | [QFN32]        | (1080)       |
| Atmel | AT90PWM316   | [SOIC32]       | (233)        |
| Atmel | AT90PWM3B    | (ISP-SPI)      | (138)        |
| Atmel | AT90PWM3B    | [QFN32]        | (1080)       |
| Atmel | AT90PWM3B    | [QFN32] (SPI)  | (1080)       |
| Atmel | AT90PWM3B    | [SOIC32]       | (233)        |
| Atmel | AT90PWM3B    | [SOIC32] (SPI) | (233)        |
| Atmel | AT90PWM81    | (ISP-SPI)      | (138)        |
| Atmel | AT90PWM81    | [QFN32]        | (221)        |
| Atmel | AT90PWM81    | [SOIC20]       | (119)        |
| Atmel | AT90S1200    |                |              |
| Atmel | AT90S1200    | (ISP-SPI)      | (138)        |
| Atmel | AT90S1200    | [SOIC20]       | (119)        |
| Atmel | AT90S1200    | [SSOP20]       | (91)         |
| Atmel | AT90S1200A   |                |              |
| Atmel | AT90S1200A   | [SOIC20]       | (119)        |
| Atmel | AT90S1200A   | [SSOP20]       | (91)         |
| Atmel | AT90S2313    |                |              |
| Atmel | AT90S2313    | (ISP-SPI)      | (138)        |
| Atmel | AT90S2313    | [SOIC20]       | (119)        |
| Atmel | AT90S2323    |                |              |
| Atmel | AT90S2323    | (ISP-SPI)      | (138)        |
| Atmel | AT90S2323    | [SOIC8]        | (46)         |
| Atmel | AT90S2333    |                |              |
| Atmel | AT90S2333    | (ISP-SPI)      | (138)        |
| Atmel | AT90S2333    | [TQFP32]       | (159)        |
| Atmel | AT90S2343    |                |              |
| Atmel | AT90S2343    | (ISP-SPI)      | (138)        |
| Atmel | AT90S2343    | [SOIC8]        | (46)         |
| Atmel | AT90S4414    |                |              |
| Atmel | AT90S4414    | (ISP-SPI)      | (138)        |
| Atmel | AT90S4414    | [PLCC44]       | (67)         |
| Atmel | AT90S4414    | [TQFP44]       | (94)         |
| Atmel | AT90S4433    |                |              |
| Atmel | AT90S4433    | (ISP-SPI)      | (138)        |
| Atmel | AT90S4433    | [TQFP32]       | (159)        |
| Atmel | AT90S4434    |                |              |
| Atmel | AT90S4434    | (ISP-SPI)      | (138)        |
| Atmel | AT90S4434    | [PLCC44]       | (67)         |
| Atmel | AT90S4434    | [TQFP44]       | (94)         |
| Atmel | AT90S8515    |                |              |
| Atmel | AT90S8515    | (ISP-SPI)      | (138)        |
| Atmel | AT90S8515    | [PLCC44]       | (67)         |
| Atmel | AT90S8515    | [TQFP44]       | (94)         |
| Atmel | AT90S8535    |                |              |
| Atmel | AT90S8535    | (ISP-SPI)      | (138)        |
| Atmel | AT90S8535    | [PLCC44]       | (67)         |
| Atmel | AT90S8535    | [TQFP44]       | (94)         |
| Atmel | AT90SCR100H  | (ISP-JTAG)     | (138) (9999) |
| Atmel | AT90SCR100H  | [QFN64]        | (2670)       |
| Atmel | AT90SCR200H  | [QFN64]        | (4742)       |
| Atmel | AT90USB1286  | (ISP-JTAG)     | (138)        |
| Atmel | AT90USB1286  | (ISP-SPI)      | (138)        |
| Atmel | AT90USB1286  | [QFN64]        | (559)        |
| Atmel | AT90USB1286  | [TQFP64]       | (103)        |
| Atmel | AT90USB1287  | (ISP-JTAG)     | (138)        |
| Atmel | AT90USB1287  | (ISP-SPI)      | (138)        |
| Atmel | AT90USB1287  | [QFN64]        | (559)        |
| Atmel | AT90USB1287  | [TQFP64]       | (103)        |
| Atmel | AT90USB162   | (ISP-SPI)      | (138)        |
| Atmel | AT90USB162   | [QFN32]        | (221)        |
| Atmel | AT90USB162   | [TQFP32]       | (159)        |
| Atmel | AT90USB646   | (ISP-JTAG)     | (138)        |
| Atmel | AT90USB646   | (ISP-SPI)      | (138)        |
| Atmel | AT90USB646   | [QFN64]        | (559)        |
| Atmel | AT90USB646   | [TQFP64]       | (103)        |
| Atmel | AT90USB647   | (ISP-JTAG)     | (138)        |
| Atmel | AT90USB647   | (ISP-SPI)      | (138)        |
| Atmel | AT90USB647   | [QFN64]        | (559)        |
| Atmel | AT90USB647   | [TQFP64]       | (103)        |
| Atmel | AT90USB82    | (ISP-SPI)      | (138)        |
| Atmel | AT90USB82    | [QFN32]        | (221)        |
| Atmel | AT91FR40162S | [BGA121]       | (1211)       |
| Atmel | AT91FR4042   | [FBGA121]      | (1211)       |
| Atmel | AT91SAM3N1AA | [LQFP48]       | (1475)       |
| Atmel | AT91SAM3N1AA | [QFN48]        | (1476)       |
| Atmel | AT91SAM3N1AB | [LQFP48]       | (1475)       |
| Atmel | AT91SAM3N1AB | [QFN48]        | (1476)       |
| Atmel | AT91SAM3N1BA | [LQFP64]       | (1473)       |
| Atmel | AT91SAM3N1BA | [QFN64]        | (1474)       |
| Atmel | AT91SAM3N1BB | [LQFP64]       | (1473)       |
| Atmel | AT91SAM3N1BB | [QFN64]        | (1474)       |
| Atmel | AT91SAM3N1CA | [LQFP100]      | (1472)       |
| Atmel | AT91SAM3N1CB | [LQFP100]      | (1472)       |
| Atmel | AT91SAM3N2AA | [LQFP48]       | (1475)       |
| Atmel | AT91SAM3N2AA | [QFN48]        | (1476)       |
| Atmel | AT91SAM3N2BA | [LQFP64]       | (1473)       |
| Atmel | AT91SAM3N2BA | [QFN64]        | (1474)       |
| Atmel | AT91SAM3N2CA | [LQFP100]      | (1472)       |
| Atmel | AT91SAM3N4AA | [LQFP48]       | (1475)       |
| Atmel | AT91SAM3N4AA | [QFN48]        | (1476)       |
| Atmel | AT91SAM3N4BA | [LQFP64]       | (1473)       |
| Atmel | AT91SAM3N4BA | [QFN64]        | (1474)       |



|       |               |                   |              |
|-------|---------------|-------------------|--------------|
| Atmel | AT91SAM3N4CA  | [LQFP100]         | (1472)       |
| Atmel | AT91SAM3S1AA  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S1AA  | [LQFP48]          | (1475)       |
| Atmel | AT91SAM3S1AA  | [QFN48]           | (1476)       |
| Atmel | AT91SAM3S1AB  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S1AB  | [LQFP48]          | (1475)       |
| Atmel | AT91SAM3S1AB  | [QFN48]           | (1476)       |
| Atmel | AT91SAM3S1BA  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S1BA  | [LQFP64]          | (1473)       |
| Atmel | AT91SAM3S1BA  | [QFN64]           | (1474)       |
| Atmel | AT91SAM3S1BB  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S1BB  | [LQFP64]          | (1473)       |
| Atmel | AT91SAM3S1BB  | [QFN64]           | (1474)       |
| Atmel | AT91SAM3S1CA  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S1CA  | [LQFP100]         | (1472)       |
| Atmel | AT91SAM3S1CB  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S1CB  | [LQFP100]         | (1472)       |
| Atmel | AT91SAM3S2AA  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S2AA  | [LQFP48]          | (1475)       |
| Atmel | AT91SAM3S2AA  | [QFN48]           | (1476)       |
| Atmel | AT91SAM3S2BA  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S2BA  | [LQFP64]          | (1473)       |
| Atmel | AT91SAM3S2BA  | [QFN64]           | (1474)       |
| Atmel | AT91SAM3S2CA  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S2CA  | [LQFP100]         | (1472)       |
| Atmel | AT91SAM3S4AA  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S4AA  | [LQFP48]          | (1475)       |
| Atmel | AT91SAM3S4AA  | [QFN48]           | (1476)       |
| Atmel | AT91SAM3S4BA  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S4BA  | [LQFP64]          | (1473)       |
| Atmel | AT91SAM3S4BA  | [QFN64]           | (1474)       |
| Atmel | AT91SAM3S4CA  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S4CA  | [LQFP100]         | (1472)       |
| Atmel | AT91SAM3S8BA  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S8BA  | [LQFP64]          | (1473)       |
| Atmel | AT91SAM3S8BA  | [QFN64]           | (1474)       |
| Atmel | AT91SAM3S8CA  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3S8CA  | [LQFP100]         | (1472)       |
| Atmel | AT91SAM3SD8BA | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3SD8BA | [LQFP64]          | (1473)       |
| Atmel | AT91SAM3SD8BA | [QFN64]           | (1474)       |
| Atmel | AT91SAM3SD8CA | (ISP)             | (138) (9997) |
| Atmel | AT91SAM3SD8CA | [LQFP100]         | (1472)       |
| Atmel | AT91SAM3U1CA  | [LQFP100]         | (1429)       |
| Atmel | AT91SAM3U1CB  | [LQFP100]         | (1429)       |
| Atmel | AT91SAM3U1CB  | [TFBGA100]        | (2976)       |
| Atmel | AT91SAM3U1EA  | [LQFP144]         | (1428)       |
| Atmel | AT91SAM3U1EB  | [LQFP144]         | (1428)       |
| Atmel | AT91SAM3U2CA  | [LQFP100]         | (1429)       |
| Atmel | AT91SAM3U2EA  | [LQFP144]         | (1428)       |
| Atmel | AT91SAM3U4CA  | [LQFP100]         | (1429)       |
| Atmel | AT91SAM3U4EA  | [LQFP144]         | (1428)       |
| Atmel | AT91SAM7L128  | [LQFP128]         | (1120)       |
| Atmel | AT91SAM7L128A | [LQFP128]         | (1120)       |
| Atmel | AT91SAM7L64   | [LQFP128]         | (1120)       |
| Atmel | AT91SAM7L64A  | [LQFP128]         | (1120)       |
| Atmel | AT91SAM7S128  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S128  | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S128  | [QFN64]           | (862)        |
| Atmel | AT91SAM7S128A | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S128A | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S128A | [QFN64]           | (862)        |
| Atmel | AT91SAM7S128B | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S128B | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S128B | [QFN64]           | (862)        |
| Atmel | AT91SAM7S128C | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S128C | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S128C | [QFN64]           | (862)        |
| Atmel | AT91SAM7S128D | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S128D | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S128D | [QFN64]           | (862)        |
| Atmel | AT91SAM7S16   | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S16   | [LQFP48]          | (174)        |
| Atmel | AT91SAM7S16   | [QFN48]           | (567)        |
| Atmel | AT91SAM7S161  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S161  | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S161A | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S161A | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S16A  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S16A  | [LQFP48]          | (174)        |
| Atmel | AT91SAM7S16A  | [QFN48]           | (567)        |
| Atmel | AT91SAM7S256  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S256  | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S256  | [QFN64]           | (862)        |
| Atmel | AT91SAM7S256A | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S256A | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S256A | [QFN64]           | (862)        |
| Atmel | AT91SAM7S256B | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S256B | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S256B | [QFN64]           | (862)        |
| Atmel | AT91SAM7S256C | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S256C | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S256C | [QFN64]           | (862)        |
| Atmel | AT91SAM7S256D | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S256D | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S256D | [QFN64]           | (862)        |
| Atmel | AT91SAM7S32   | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S32   | [LQFP48]          | (174)        |
| Atmel | AT91SAM7S32   | [LQFP48] (FLEX-1) | (174)        |
| Atmel | AT91SAM7S32   | [QFN48]           | (567)        |
| Atmel | AT91SAM7S321  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S321  | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S321  | [QFN64]           | (862)        |
| Atmel | AT91SAM7S321A | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S321A | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S321A | [QFN64]           | (862)        |
| Atmel | AT91SAM7S32A  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S32A  | [LQFP48]          | (174)        |
| Atmel | AT91SAM7S32A  | [QFN48]           | (567)        |
| Atmel | AT91SAM7S32B  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S32B  | [LQFP48]          | (174)        |
| Atmel | AT91SAM7S32B  | [QFN48]           | (567)        |
| Atmel | AT91SAM7S512  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S512  | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S512  | [QFN64]           | (862)        |
| Atmel | AT91SAM7S512A | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S512A | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S512A | [QFN64]           | (862)        |
| Atmel | AT91SAM7S512B | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S512B | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S512B | [QFN64]           | (862)        |
| Atmel | AT91SAM7S64   | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S64   | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S64   | [QFN64]           | (862)        |
| Atmel | AT91SAM7S64A  | (ISP)             | (138) (9997) |
| Atmel | AT91SAM7S64A  | [LQFP64]          | (665)        |
| Atmel | AT91SAM7S64A  | [QFN64]           | (862)        |
| Atmel | AT91SAM7S64B  | (ISP)             | (138) (9997) |

|       |                |                      |              |
|-------|----------------|----------------------|--------------|
| Atmel | AT91SAM7S64B   | [LQFP64]             | (665)        |
| Atmel | AT91SAM7S64B   | [QFN64]              | (862)        |
| Atmel | AT91SAM7S64C   | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7S64C   | [LQFP64]             | (665)        |
| Atmel | AT91SAM7S64C   | [QFN64]              | (862)        |
| Atmel | AT91SAM7SE256  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7SE256  | [LFBGA144]           | (1510)       |
| Atmel | AT91SAM7SE256  | [LQFP128]            | (864)        |
| Atmel | AT91SAM7SE256A | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7SE256A | [LFBGA144]           | (1510)       |
| Atmel | AT91SAM7SE256A | [LQFP128]            | (864)        |
| Atmel | AT91SAM7SE256B | [LFBGA144]           | (1510)       |
| Atmel | AT91SAM7SE256B | [LQFP128]            | (864)        |
| Atmel | AT91SAM7SE32   | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7SE32   | [LFBGA144]           | (1510)       |
| Atmel | AT91SAM7SE32   | [LQFP128]            | (864)        |
| Atmel | AT91SAM7SE32A  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7SE32A  | [LFBGA144]           | (1510)       |
| Atmel | AT91SAM7SE32A  | [LQFP128]            | (864)        |
| Atmel | AT91SAM7SE512  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7SE512  | [LFBGA144]           | (1510)       |
| Atmel | AT91SAM7SE512  | [LQFP128]            | (864)        |
| Atmel | AT91SAM7SE512A | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7SE512A | [LFBGA144]           | (1510)       |
| Atmel | AT91SAM7SE512A | [LQFP128]            | (864)        |
| Atmel | AT91SAM7SE512B | [LFBGA144]           | (1510)       |
| Atmel | AT91SAM7SE512B | [LQFP128]            | (864)        |
| Atmel | AT91SAM7X128   | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7X128   | [LQFP100]            | (863)        |
| Atmel | AT91SAM7X128A  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7X128A  | [LQFP100]            | (863)        |
| Atmel | AT91SAM7X128B  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7X128B  | [LQFP100]            | (863)        |
| Atmel | AT91SAM7X128C  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7X128C  | [LQFP100]            | (863)        |
| Atmel | AT91SAM7X256   | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7X256   | [LQFP100]            | (863)        |
| Atmel | AT91SAM7X256A  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7X256A  | [LQFP100]            | (863)        |
| Atmel | AT91SAM7X256B  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7X256B  | [LQFP100]            | (863)        |
| Atmel | AT91SAM7X256C  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7X256C  | [LQFP100]            | (863)        |
| Atmel | AT91SAM7X512   | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7X512   | [LQFP100]            | (863)        |
| Atmel | AT91SAM7X512A  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7X512A  | [LQFP100]            | (863)        |
| Atmel | AT91SAM7X512B  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7X512B  | [LQFP100]            | (863)        |
| Atmel | AT91SAM7XC128  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7XC128  | [LQFP100]            | (863)        |
| Atmel | AT91SAM7XC128A | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7XC128A | [LQFP100]            | (863)        |
| Atmel | AT91SAM7XC128B | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7XC128B | [LQFP100]            | (863)        |
| Atmel | AT91SAM7XC256  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7XC256  | [LQFP100]            | (863)        |
| Atmel | AT91SAM7XC256A | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7XC256A | [LQFP100]            | (863)        |
| Atmel | AT91SAM7XC256B | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7XC256B | [LQFP100]            | (863)        |
| Atmel | AT91SAM7XC512  | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7XC512  | [LQFP100]            | (863)        |
| Atmel | AT91SAM7XC512A | (ISP)                | (138) (9997) |
| Atmel | AT91SAM7XC512A | [LQFP100]            | (863)        |
| Atmel | AT91SAM9XE128  | [PQFP208]            | (1427)       |
| Atmel | AT91SAM9XE128A | [PQFP208]            | (1427)       |
| Atmel | AT91SAM9XE128B | [PQFP208]            | (1427)       |
| Atmel | AT91SAM9XE256  | [PQFP208]            | (1427)       |
| Atmel | AT91SAM9XE256A | [PQFP208]            | (1427)       |
| Atmel | AT91SAM9XE256B | [PQFP208]            | (1427)       |
| Atmel | AT91SAM9XE512  | [PQFP208]            | (1427)       |
| Atmel | AT91SAM9XE512A | [PQFP208]            | (1427)       |
| Atmel | AT91SAM9XE512B | [PQFP208]            | (1427)       |
| Atmel | AT93C46        | (x16)                |              |
| Atmel | AT93C46        | (x16) (ISP)          | (138)        |
| Atmel | AT93C46        | (x16) [dBGAA2-8U3-1] | (548)        |
| Atmel | AT93C46        | (x16) [DFN8]         | (2995)       |
| Atmel | AT93C46        | (x16) [MAP8]         | (930)        |
| Atmel | AT93C46        | (x16) [MLP8]         | (2995)       |
| Atmel | AT93C46        | (x16) [TSSOP8]       | (121)        |
| Atmel | AT93C46        | (x16) [SOIC8-150]    | (950)        |
| Atmel | AT93C46        | (x16) [SOIC8-209]    | (46)         |
| Atmel | AT93C46        | (x8)                 |              |
| Atmel | AT93C46        | (x8) (ISP)           | (138)        |
| Atmel | AT93C46        | (x8) [dBGAA2-8U3-1]  | (548)        |
| Atmel | AT93C46        | (x8) [DFN8]          | (2995)       |
| Atmel | AT93C46        | (x8) [MAP8]          | (930)        |
| Atmel | AT93C46        | (x8) [MLP8]          | (2995)       |
| Atmel | AT93C46        | (x8) [SOIC8-150]     | (950)        |
| Atmel | AT93C46        | (x8) [SOIC8-209]     | (46)         |
| Atmel | AT93C46        | (x8) [TSSOP8]        | (121)        |
| Atmel | AT93C46A       | (1.8V)               |              |
| Atmel | AT93C46A       | (1.8V) (ISP)         | (138)        |
| Atmel | AT93C46A       | (1.8V) [SOIC8]       | (950)        |
| Atmel | AT93C46A       | (1.8V) [TSSOP8]      | (121)        |
| Atmel | AT93C46A       | (2.7V)               |              |
| Atmel | AT93C46A       | (2.7V) (ISP)         | (138)        |
| Atmel | AT93C46A       | (2.7V) [SOIC8]       | (950)        |
| Atmel | AT93C46A       | (2.7V) [TSSOP8]      | (121)        |
| Atmel | AT93C46B       |                      |              |
| Atmel | AT93C46B       | (ISP)                | (138)        |
| Atmel | AT93C46B       | [SOIC8]              | (950)        |
| Atmel | AT93C46C       | (2.5V)               |              |
| Atmel | AT93C46C       | (2.5V) (ISP)         | (138)        |
| Atmel | AT93C46C       | (2.5V) [SOIC8]       | (950)        |
| Atmel | AT93C46C       | (2.7V)               |              |
| Atmel | AT93C46C       | (2.7V) (ISP)         | (138)        |
| Atmel | AT93C46C       | (2.7V) [SOIC8]       | (950)        |
| Atmel | AT93C46D       | (x16)                |              |
| Atmel | AT93C46D       | (x16) (ISP)          | (138)        |
| Atmel | AT93C46D       | (x16) [dBGAA2-8U3-1] | (548)        |
| Atmel | AT93C46D       | (x16) [MLP8]         | (4538)       |
| Atmel | AT93C46D       | (x16) [SOIC8]        | (950)        |
| Atmel | AT93C46D       | (x16) [TSSOP8]       | (121)        |
| Atmel | AT93C46D       | (x16) [UDFN8-2x3]    | (4538)       |
| Atmel | AT93C46D       | (x16) [VFBGA-8U3-1]  | (548)        |
| Atmel | AT93C46D       | (x8)                 |              |
| Atmel | AT93C46D       | (x8) (ISP)           | (138)        |
| Atmel | AT93C46D       | (x8) [dBGAA2-8U3-1]  | (548)        |
| Atmel | AT93C46D       | (x8) [MLP8]          | (4538)       |
| Atmel | AT93C46D       | (x8) [SOIC8]         | (950)        |
| Atmel | AT93C46D       | (x8) [TSSOP8]        | (121)        |
| Atmel | AT93C46D       | (x8) [UDFN8-2x3]     | (4538)       |
| Atmel | AT93C46D       | (x8) [VFBGA-8U3-1]   | (548)        |
| Atmel | AT93C46E       |                      |              |
| Atmel | AT93C46E       | (ISP)                | (138)        |
| Atmel | AT93C46E       | [SOIC8]              | (950)        |

|       |           |                             |        |
|-------|-----------|-----------------------------|--------|
| Atmel | AT93C46E  | [TSSOP8]                    | (121)  |
| Atmel | AT93C46R  | (x16) [SOIC8]               | (950)  |
| Atmel | AT93C46R  | (x8) [SOIC8]                | (950)  |
| Atmel | AT93C56   | (x16)                       |        |
| Atmel | AT93C56   | (x16) (ISP)                 | (138)  |
| Atmel | AT93C56   | (x16) [dBGAA2-8U3-1]        | (548)  |
| Atmel | AT93C56   | (x16) [MAP8]                | (930)  |
| Atmel | AT93C56   | (x16) [TSSOP8]              | (121)  |
| Atmel | AT93C56   | (x16) [SOIC8-150]           | (950)  |
| Atmel | AT93C56   | (x16) [SOIC8-209]           | (46)   |
| Atmel | AT93C56   | (x8)                        |        |
| Atmel | AT93C56   | (x8) (ISP)                  | (138)  |
| Atmel | AT93C56   | (x8) [dBGAA2-8U3-1]         | (548)  |
| Atmel | AT93C56   | (x8) [MAP8]                 | (930)  |
| Atmel | AT93C56   | (x8) [SOIC8-150]            | (950)  |
| Atmel | AT93C56   | (x8) [SOIC8-209]            | (46)   |
| Atmel | AT93C56   | (x8) [TSSOP8]               | (121)  |
| Atmel | AT93C56A  | (1.8V) (x16)                |        |
| Atmel | AT93C56A  | (1.8V) (x16) (ISP)          | (138)  |
| Atmel | AT93C56A  | (1.8V) (x16) [dBGAA2-8U3-1] | (548)  |
| Atmel | AT93C56A  | (1.8V) (x16) [MAP8]         | (930)  |
| Atmel | AT93C56A  | (1.8V) (x16) [MLP8]         | (4538) |
| Atmel | AT93C56A  | (1.8V) (x16) [TSSOP8]       | (121)  |
| Atmel | AT93C56A  | (1.8V) (x16) [SOIC8]        | (950)  |
| Atmel | AT93C56A  | (1.8V) (x8)                 |        |
| Atmel | AT93C56A  | (1.8V) (x8) (ISP)           | (138)  |
| Atmel | AT93C56A  | (1.8V) (x8) [dBGAA2-8U3-1]  | (548)  |
| Atmel | AT93C56A  | (1.8V) (x8) [MAP8]          | (930)  |
| Atmel | AT93C56A  | (1.8V) (x8) [MLP8]          | (4538) |
| Atmel | AT93C56A  | (1.8V) (x8) [SOIC8]         | (950)  |
| Atmel | AT93C56A  | (1.8V) (x8) [TSSOP8]        | (121)  |
| Atmel | AT93C56A  | (2.7V) (x16)                |        |
| Atmel | AT93C56A  | (2.7V) (x16) (ISP)          | (138)  |
| Atmel | AT93C56A  | (2.7V) (x16) [dBGAA2-8U3-1] | (548)  |
| Atmel | AT93C56A  | (2.7V) (x16) [MAP8]         | (930)  |
| Atmel | AT93C56A  | (2.7V) (x16) [MLP8]         | (4538) |
| Atmel | AT93C56A  | (2.7V) (x16) [SOIC8]        | (950)  |
| Atmel | AT93C56A  | (2.7V) (x16) [TSSOP8]       | (121)  |
| Atmel | AT93C56A  | (2.7V) (x8)                 |        |
| Atmel | AT93C56A  | (2.7V) (x8) (ISP)           | (138)  |
| Atmel | AT93C56A  | (2.7V) (x8) [dBGAA2-8U3-1]  | (548)  |
| Atmel | AT93C56A  | (2.7V) (x8) [MAP8]          | (930)  |
| Atmel | AT93C56A  | (2.7V) (x8) [MLP8]          | (4538) |
| Atmel | AT93C56A  | (2.7V) (x8) [SOIC8]         | (950)  |
| Atmel | AT93C56A  | (2.7V) (x8) [TSSOP8]        | (121)  |
| Atmel | AT93C56AW | (1.8V) (x16) [SOIC8-209]    | (46)   |
| Atmel | AT93C56AW | (1.8V) (x8) [SOIC8-209]     | (46)   |
| Atmel | AT93C56AW | (2.7V) (x16) [SOIC8-209]    | (46)   |
| Atmel | AT93C56AW | (2.7V) (x8) [SOIC8]         | (46)   |
| Atmel | AT93C56B  | (x16) (ISP)                 | (138)  |
| Atmel | AT93C56B  | (x16) [SOIC8]               | (950)  |
| Atmel | AT93C56B  | (x16) [TSSOP8]              | (121)  |
| Atmel | AT93C56B  | (x16) [UDFN8]               | (4538) |
| Atmel | AT93C56B  | (x16) [VFBGA-8U3-1]         | (548)  |
| Atmel | AT93C56B  | (x8) (ISP)                  | (138)  |
| Atmel | AT93C56B  | (x8) [SOIC8]                | (950)  |
| Atmel | AT93C56B  | (x8) [TSSOP8]               | (121)  |
| Atmel | AT93C56B  | (x8) [UDFN8]                | (4538) |
| Atmel | AT93C56B  | (x8) [VFBGA-8U3-1]          | (548)  |
| Atmel | AT93C57   | (x16)                       |        |
| Atmel | AT93C57   | (x16) (ISP)                 | (138)  |
| Atmel | AT93C57   | (x16) [SOIC8-150]           | (950)  |
| Atmel | AT93C57   | (x16) [SOIC8-200]           | (46)   |
| Atmel | AT93C57   | (x8)                        |        |
| Atmel | AT93C57   | (x8) (ISP)                  | (138)  |
| Atmel | AT93C57   | (x8) [SOIC8-150]            | (950)  |
| Atmel | AT93C57   | (x8) [SOIC8-200]            | (46)   |
| Atmel | AT93C66   | (x16)                       |        |
| Atmel | AT93C66   | (x16) (ISP)                 | (138)  |
| Atmel | AT93C66   | (x16) [dBGAA2-8U3-1]        | (548)  |
| Atmel | AT93C66   | (x16) [MAP8]                | (930)  |
| Atmel | AT93C66   | (x16) [SOIC8-150]           | (950)  |
| Atmel | AT93C66   | (x16) [SOIC8-209]           | (46)   |
| Atmel | AT93C66   | (x16) [TSSOP8]              | (121)  |
| Atmel | AT93C66   | (x8)                        |        |
| Atmel | AT93C66   | (x8) (ISP)                  | (138)  |
| Atmel | AT93C66   | (x8) [dBGAA2-8U3-1]         | (548)  |
| Atmel | AT93C66   | (x8) [MAP8]                 | (930)  |
| Atmel | AT93C66   | (x8) [SOIC8-150]            | (950)  |
| Atmel | AT93C66   | (x8) [SOIC8-209]            | (46)   |
| Atmel | AT93C66   | (x8) [TSSOP8]               | (121)  |
| Atmel | AT93C66A  | (1.8V) (x16)                |        |
| Atmel | AT93C66A  | (1.8V) (x16) (ISP)          | (138)  |
| Atmel | AT93C66A  | (1.8V) (x16) [dBGAA2-8U3-1] | (548)  |
| Atmel | AT93C66A  | (1.8V) (x16) [MLP8]         | (4538) |
| Atmel | AT93C66A  | (1.8V) (x16) [TSSOP8]       | (121)  |
| Atmel | AT93C66A  | (1.8V) (x16) [SOIC8]        | (950)  |
| Atmel | AT93C66A  | (1.8V) (x8)                 |        |
| Atmel | AT93C66A  | (1.8V) (x8) (ISP)           | (138)  |
| Atmel | AT93C66A  | (1.8V) (x8) [dBGAA2-8U3-1]  | (548)  |
| Atmel | AT93C66A  | (1.8V) (x8) [MLP8]          | (4538) |
| Atmel | AT93C66A  | (1.8V) (x8) [SOIC8]         | (950)  |
| Atmel | AT93C66A  | (1.8V) (x8) [TSSOP8]        | (121)  |
| Atmel | AT93C66A  | (2.7V) (x16)                |        |
| Atmel | AT93C66A  | (2.7V) (x16) (ISP)          | (138)  |
| Atmel | AT93C66A  | (2.7V) (x16) [dBGAA2-8U3-1] | (548)  |
| Atmel | AT93C66A  | (2.7V) (x16) [MLP8]         | (4538) |
| Atmel | AT93C66A  | (2.7V) (x16) [TSSOP8]       | (121)  |
| Atmel | AT93C66A  | (2.7V) (x16) [SOIC8]        | (950)  |
| Atmel | AT93C66A  | (2.7V) (x8)                 |        |
| Atmel | AT93C66A  | (2.7V) (x8) (ISP)           | (138)  |
| Atmel | AT93C66A  | (2.7V) (x8) [dBGAA2-8U3-1]  | (548)  |
| Atmel | AT93C66A  | (2.7V) (x8) [MLP8]          | (4538) |
| Atmel | AT93C66A  | (2.7V) (x8) [SOIC8]         | (950)  |
| Atmel | AT93C66A  | (2.7V) (x8) [TSSOP8]        | (121)  |
| Atmel | AT93C66AW | (1.8V) (x16) [SOIC8]        | (46)   |
| Atmel | AT93C66AW | (1.8V) (x8) [SOIC8-209]     | (46)   |
| Atmel | AT93C66AW | (2.7V) (x16) [SOIC8-209]    | (46)   |
| Atmel | AT93C66AW | (2.7V) (x8) [SOIC8-209]     | (46)   |
| Atmel | AT93C66B  | (x16) (ISP)                 | (138)  |
| Atmel | AT93C66B  | (x16) [SOIC8]               | (950)  |
| Atmel | AT93C66B  | (x16) [TSSOP8]              | (121)  |
| Atmel | AT93C66B  | (x16) [UDFN8]               | (4538) |
| Atmel | AT93C66B  | (x16) [VFBGA-8U3-1]         | (548)  |
| Atmel | AT93C66B  | (x8) (ISP)                  | (138)  |
| Atmel | AT93C66B  | (x8) [SOIC8]                | (950)  |
| Atmel | AT93C66B  | (x8) [TSSOP8]               | (121)  |
| Atmel | AT93C66B  | (x8) [UDFN8]                | (4538) |
| Atmel | AT93C66B  | (x8) [VFBGA-8U3-1]          | (548)  |
| Atmel | AT93C86   | (x16)                       |        |
| Atmel | AT93C86   | (x16) (ISP)                 | (138)  |
| Atmel | AT93C86   | (x16) [SOIC8]               | (950)  |
| Atmel | AT93C86   | (x16) [TSSOP8]              | (121)  |
| Atmel | AT93C86   | (x8)                        |        |
| Atmel | AT93C86   | (x8) (ISP)                  | (138)  |
| Atmel | AT93C86   | (x8) [SOIC8]                | (950)  |
| Atmel | AT93C86   | (x8) [TSSOP8]               | (121)  |
| Atmel | AT93C86A  | (1.8V) (x16)                |        |

|       |             |           |       |             |              |
|-------|-------------|-----------|-------|-------------|--------------|
| Atmel | AT93C86A    | (1.8V)    | (x16) | (ISP)       | (138)        |
| Atmel | AT93C86A    | (1.8V)    | (x16) | [MAP8]      | (930)        |
| Atmel | AT93C86A    | (1.8V)    | (x16) | [MLP8]      | (4538)       |
| Atmel | AT93C86A    | (1.8V)    | (x16) | [SOIC8]     | (950)        |
| Atmel | AT93C86A    | (1.8V)    | (x16) | [TSSOP8]    | (121)        |
| Atmel | AT93C86A    | (1.8V)    | (x16) | [UDFN8-2x3] | (4538)       |
| Atmel | AT93C86A    | (1.8V)    | (x8)  |             |              |
| Atmel | AT93C86A    | (1.8V)    | (x8)  | (ISP)       | (138)        |
| Atmel | AT93C86A    | (1.8V)    | (x8)  | [MAP8]      | (930)        |
| Atmel | AT93C86A    | (1.8V)    | (x8)  | [MLP8]      | (4538)       |
| Atmel | AT93C86A    | (1.8V)    | (x8)  | [SOIC8]     | (950)        |
| Atmel | AT93C86A    | (1.8V)    | (x8)  | [TSSOP8]    | (121)        |
| Atmel | AT93C86A    | (1.8V)    | (x8)  | [UDFN8-2x3] | (4538)       |
| Atmel | AT93C86A    | (2.7V)    | (x16) |             |              |
| Atmel | AT93C86A    | (2.7V)    | (x16) | (ISP)       | (138)        |
| Atmel | AT93C86A    | (2.7V)    | (x16) | [MAP8]      | (930)        |
| Atmel | AT93C86A    | (2.7V)    | (x16) | [MLP8]      | (4538)       |
| Atmel | AT93C86A    | (2.7V)    | (x16) | [SOIC8]     | (950)        |
| Atmel | AT93C86A    | (2.7V)    | (x16) | [TSSOP8]    | (121)        |
| Atmel | AT93C86A    | (2.7V)    | (x16) | [UDFN8-2x3] | (4538)       |
| Atmel | AT93C86A    | (2.7V)    | (x8)  |             |              |
| Atmel | AT93C86A    | (2.7V)    | (x8)  | (ISP)       | (138)        |
| Atmel | AT93C86A    | (2.7V)    | (x8)  | [MAP8]      | (930)        |
| Atmel | AT93C86A    | (2.7V)    | (x8)  | [MLP8]      | (4538)       |
| Atmel | AT93C86A    | (2.7V)    | (x8)  | [SOIC8]     | (950)        |
| Atmel | AT93C86A    | (2.7V)    | (x8)  | [TSSOP8]    | (121)        |
| Atmel | AT93C86A    | (2.7V)    | (x8)  | [UDFN8-2x3] | (4538)       |
| Atmel | ATA5771     | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA5771     | [QFN24]   |       |             | (1561)       |
| Atmel | ATA5773     | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA5773     | [QFN24]   |       |             | (1561)       |
| Atmel | ATA5774     | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA5774     | [QFN24]   |       |             | (1561)       |
| Atmel | ATA5831     | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA5831     | [VQFN32]  |       |             | (221) (9999) |
| Atmel | ATA6285N    | [QFN32]   |       |             | (221)        |
| Atmel | ATA6286N    | [QFN32]   |       |             | (221)        |
| Atmel | ATA6602P    | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA6602P    | [QFN48]   |       |             | (567)        |
| Atmel | ATA6603P    | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA6603P    | [QFN48]   |       |             | (567)        |
| Atmel | ATA6612C    | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA6612C    | [QFN48]   |       |             | (567)        |
| Atmel | ATA6612P    | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA6612P    | [QFN48]   |       |             | (567)        |
| Atmel | ATA6613C    | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA6613C    | [QFN48]   |       |             | (567)        |
| Atmel | ATA6613P    | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA6613P    | [QFN48]   |       |             | (567)        |
| Atmel | ATA6614P    | [QFN48]   |       |             | (567)        |
| Atmel | ATA6614Q    | [QFN48]   |       |             | (567)        |
| Atmel | ATA6616C    | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA6616C    | [VQFN38]  |       |             | (1562)       |
| Atmel | ATA6616P    | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA6616P    | [VQFN38]  |       |             | (1562)       |
| Atmel | ATA6617C    | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA6617C    | [VQFN38]  |       |             | (1562)       |
| Atmel | ATA6617P    | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA6617P    | [VQFN38]  |       |             | (1562)       |
| Atmel | ATA664251   | [QFN48]   |       |             | (567)        |
| Atmel | ATA8510     | [QFN32]   |       |             | (221)        |
| Atmel | ATA8741     | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA8741     | [QFN24]   |       |             | (1561)       |
| Atmel | ATA8742     | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA8742     | [QFN24]   |       |             | (1561)       |
| Atmel | ATA8743     | (ISP-SPI) |       |             | (138) (9997) |
| Atmel | ATA8743     | [QFN24]   |       |             | (1561)       |
| Atmel | ATF1500     | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1500     | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1500A    | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1500A    | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1500ABV  | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1500ABV  | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1500ABVL | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1500ABVL | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1500AL   | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1500AL   | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1500L    | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1500L    | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1502AE   | (ISP)     |       |             | (138)        |
| Atmel | ATF1502AE   | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1502AE   | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1502AEL  | (ISP)     |       |             | (138)        |
| Atmel | ATF1502AEL  | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1502AEL  | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1502AS   | (ISP)     |       |             | (138)        |
| Atmel | ATF1502AS   | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1502AS   | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1502ASL  | (ISP)     |       |             | (138)        |
| Atmel | ATF1502ASL  | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1502ASL  | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1502ASV  | (ISP)     |       |             | (138)        |
| Atmel | ATF1502ASV  | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1502ASV  | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1502ASVL | (ISP)     |       |             | (138)        |
| Atmel | ATF1502ASVL | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1502ASVL | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1502BE   | (ISP)     |       |             | (138)        |
| Atmel | ATF1502BE   | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1502SE   | (ISP)     |       |             | (138)        |
| Atmel | ATF1502SE   | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1502SE   | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1502SEL  | (ISP)     |       |             | (138)        |
| Atmel | ATF1502SEL  | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1502SEL  | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1504AS   | (ISP)     |       |             | (138)        |
| Atmel | ATF1504AS   | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1504AS   | [PLCC68]  |       |             | (192)        |
| Atmel | ATF1504AS   | [PLCC84]  |       |             | (88)         |
| Atmel | ATF1504AS   | [PQFP100] |       |             | (743)        |
| Atmel | ATF1504AS   | [TQFP100] |       |             | (162)        |
| Atmel | ATF1504AS   | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1504ASL  | (ISP)     |       |             | (138)        |
| Atmel | ATF1504ASL  | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1504ASL  | [PLCC68]  |       |             | (192)        |
| Atmel | ATF1504ASL  | [PLCC84]  |       |             | (88)         |
| Atmel | ATF1504ASL  | [PQFP100] |       |             | (743)        |
| Atmel | ATF1504ASL  | [TQFP100] |       |             | (162)        |
| Atmel | ATF1504ASL  | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1504ASV  | (ISP)     |       |             | (138)        |
| Atmel | ATF1504ASV  | [PLCC44]  |       |             | (67)         |
| Atmel | ATF1504ASV  | [PLCC68]  |       |             | (192)        |
| Atmel | ATF1504ASV  | [PLCC84]  |       |             | (88)         |
| Atmel | ATF1504ASV  | [PQFP100] |       |             | (743)        |
| Atmel | ATF1504ASV  | [TQFP100] |       |             | (162)        |
| Atmel | ATF1504ASV  | [TQFP44]  |       |             | (94)         |
| Atmel | ATF1504ASVL | (ISP)     |       |             | (138)        |
| Atmel | ATF1504ASVL | [PLCC44]  |       |             | (67)         |

|       |             |                       |        |
|-------|-------------|-----------------------|--------|
| Atmel | ATF1504ASVL | [PLCC68]              | (192)  |
| Atmel | ATF1504ASVL | [PLCC84]              | (88)   |
| Atmel | ATF1504ASVL | [PQFP100]             | (743)  |
| Atmel | ATF1504ASVL | [TQFP100]             | (162)  |
| Atmel | ATF1504ASVL | [TQFP44]              | (94)   |
| Atmel | ATF1504BE   | (ISP)                 | (138)  |
| Atmel | ATF1504BE   | [TQFP100]             | (2786) |
| Atmel | ATF1504BE   | [TQFP44]              | (94)   |
| Atmel | ATF1508AS   | (ISP)                 | (138)  |
| Atmel | ATF1508AS   | [PLCC84]              | (88)   |
| Atmel | ATF1508AS   | [PQFP100]             | (743)  |
| Atmel | ATF1508AS   | [PQFP160]             | (2422) |
| Atmel | ATF1508AS   | [TQFP100]             | (162)  |
| Atmel | ATF1508ASL  | (ISP)                 | (138)  |
| Atmel | ATF1508ASL  | [PLCC84]              | (88)   |
| Atmel | ATF1508ASL  | [PQFP100]             | (743)  |
| Atmel | ATF1508ASL  | [PQFP160]             | (2422) |
| Atmel | ATF1508ASL  | [TQFP100]             | (162)  |
| Atmel | ATF1508ASV  | (ISP)                 | (138)  |
| Atmel | ATF1508ASV  | [PLCC84]              | (88)   |
| Atmel | ATF1508ASV  | [PQFP100]             | (743)  |
| Atmel | ATF1508ASV  | [PQFP160]             | (2422) |
| Atmel | ATF1508ASV  | [TQFP100]             | (162)  |
| Atmel | ATF1508ASVL | (ISP)                 | (138)  |
| Atmel | ATF1508ASVL | [PLCC84]              | (88)   |
| Atmel | ATF1508ASVL | [PQFP100]             | (743)  |
| Atmel | ATF1508ASVL | [PQFP160]             | (2422) |
| Atmel | ATF1508ASVL | [TQFP100]             | (162)  |
| Atmel | ATF1508BE   | [TQFP100]             | (2786) |
| Atmel | ATF1508RE   | [TQFP100]             | (2786) |
| Atmel | ATF16LV8C   |                       |        |
| Atmel | ATF16LV8C   | [PLCC20]              | (47)   |
| Atmel | ATF16LV8C   | [SOIC20]              | (119)  |
| Atmel | ATF16LV8C   | [TSSOP20]             | (1089) |
| Atmel | ATF16LV8C   | as PAL10H8            |        |
| Atmel | ATF16LV8C   | as PAL10H8 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL10H8 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL10H8 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL10L8            |        |
| Atmel | ATF16LV8C   | as PAL10L8 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL10L8 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL10L8 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL10P8            |        |
| Atmel | ATF16LV8C   | as PAL10P8 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL10P8 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL10P8 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL12H6            |        |
| Atmel | ATF16LV8C   | as PAL12H6 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL12H6 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL12H6 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL12L6            |        |
| Atmel | ATF16LV8C   | as PAL12L6 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL12L6 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL12L6 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL12P6            |        |
| Atmel | ATF16LV8C   | as PAL12P6 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL12P6 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL12P6 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL14H4            |        |
| Atmel | ATF16LV8C   | as PAL14H4 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL14H4 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL14H4 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL14L4            |        |
| Atmel | ATF16LV8C   | as PAL14L4 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL14L4 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL14L4 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL14P4            |        |
| Atmel | ATF16LV8C   | as PAL14P4 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL14P4 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL14P4 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL16H2            |        |
| Atmel | ATF16LV8C   | as PAL16H2 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL16H2 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL16H2 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL16H8            |        |
| Atmel | ATF16LV8C   | as PAL16H8 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL16H8 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL16H8 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL16L2            |        |
| Atmel | ATF16LV8C   | as PAL16L2 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL16L2 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL16L2 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL16L8            |        |
| Atmel | ATF16LV8C   | as PAL16L8 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL16L8 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL16L8 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL16P2            |        |
| Atmel | ATF16LV8C   | as PAL16P2 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL16P2 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL16P2 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL16P8            |        |
| Atmel | ATF16LV8C   | as PAL16P8 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL16P8 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL16P8 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL16R4            |        |
| Atmel | ATF16LV8C   | as PAL16R4 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL16R4 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL16R4 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL16R6            |        |
| Atmel | ATF16LV8C   | as PAL16R6 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL16R6 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL16R6 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL16R8            |        |
| Atmel | ATF16LV8C   | as PAL16R8 [PLCC20]   | (47)   |
| Atmel | ATF16LV8C   | as PAL16R8 [SOIC20]   | (119)  |
| Atmel | ATF16LV8C   | as PAL16R8 [TSSOP20]  | (1089) |
| Atmel | ATF16LV8C   | as PAL16RP4           |        |
| Atmel | ATF16LV8C   | as PAL16RP4 [PLCC20]  | (47)   |
| Atmel | ATF16LV8C   | as PAL16RP4 [SOIC20]  | (119)  |
| Atmel | ATF16LV8C   | as PAL16RP4 [TSSOP20] | (1089) |
| Atmel | ATF16LV8C   | as PAL16RP6           |        |
| Atmel | ATF16LV8C   | as PAL16RP6 [PLCC20]  | (47)   |
| Atmel | ATF16LV8C   | as PAL16RP6 [SOIC20]  | (119)  |
| Atmel | ATF16LV8C   | as PAL16RP6 [TSSOP20] | (1089) |
| Atmel | ATF16LV8C   | as PAL16RP8           |        |
| Atmel | ATF16LV8C   | as PAL16RP8 [PLCC20]  | (47)   |
| Atmel | ATF16LV8C   | as PAL16RP8 [SOIC20]  | (119)  |
| Atmel | ATF16LV8C   | as PAL16RP8 [TSSOP20] | (1089) |
| Atmel | ATF16V8B    |                       |        |
| Atmel | ATF16V8B    | [PLCC20]              | (47)   |
| Atmel | ATF16V8B    | [SOIC20]              | (119)  |
| Atmel | ATF16V8B    | [TSSOP20]             | (1089) |
| Atmel | ATF16V8B    | as PAL10H8            |        |
| Atmel | ATF16V8B    | as PAL10H8 [PLCC20]   | (47)   |
| Atmel | ATF16V8B    | as PAL10H8 [SOIC20]   | (119)  |
| Atmel | ATF16V8B    | as PAL10H8 [TSSOP20]  | (1089) |
| Atmel | ATF16V8B    | as PAL10L8            |        |
| Atmel | ATF16V8B    | as PAL10L8 [PLCC20]   | (47)   |

|       |           |    |           |           |        |
|-------|-----------|----|-----------|-----------|--------|
| Atmel | ATF16V8B  | as | PAL10L8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL10L8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL10P8   |           |        |
| Atmel | ATF16V8B  | as | PAL10P8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL10P8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL10P8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL12H6   |           |        |
| Atmel | ATF16V8B  | as | PAL12H6   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL12H6   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL12H6   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL12L6   |           |        |
| Atmel | ATF16V8B  | as | PAL12L6   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL12L6   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL12L6   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL12P6   |           |        |
| Atmel | ATF16V8B  | as | PAL12P6   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL12P6   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL12P6   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL14H4   |           |        |
| Atmel | ATF16V8B  | as | PAL14H4   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL14H4   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL14H4   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL14L4   |           |        |
| Atmel | ATF16V8B  | as | PAL14L4   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL14L4   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL14L4   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL14P4   |           |        |
| Atmel | ATF16V8B  | as | PAL14P4   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL14P4   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL14P4   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL16H2   |           |        |
| Atmel | ATF16V8B  | as | PAL16H2   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL16H2   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL16H2   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL16H8   |           |        |
| Atmel | ATF16V8B  | as | PAL16H8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL16H8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL16H8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL16L2   |           |        |
| Atmel | ATF16V8B  | as | PAL16L2   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL16L2   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL16L2   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL16L8   |           |        |
| Atmel | ATF16V8B  | as | PAL16L8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL16L8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL16L8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL16P2   |           |        |
| Atmel | ATF16V8B  | as | PAL16P2   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL16P2   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL16P2   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL16P8   |           |        |
| Atmel | ATF16V8B  | as | PAL16P8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL16P8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL16P8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL16R4   |           |        |
| Atmel | ATF16V8B  | as | PAL16R4   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL16R4   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL16R4   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL16R6   |           |        |
| Atmel | ATF16V8B  | as | PAL16R6   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL16R6   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL16R6   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL16R8   |           |        |
| Atmel | ATF16V8B  | as | PAL16R8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL16R8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL16R8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL16RP4  |           |        |
| Atmel | ATF16V8B  | as | PAL16RP4  | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL16RP4  | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL16RP4  | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL16RP6  |           |        |
| Atmel | ATF16V8B  | as | PAL16RP6  | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL16RP6  | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL16RP6  | [TSSOP20] | (1089) |
| Atmel | ATF16V8B  | as | PAL16RP8  |           |        |
| Atmel | ATF16V8B  | as | PAL16RP8  | [PLCC20]  | (47)   |
| Atmel | ATF16V8B  | as | PAL16RP8  | [SOIC20]  | (119)  |
| Atmel | ATF16V8B  | as | PAL16RP8  | [TSSOP20] | (1089) |
| Atmel | ATF16V8BL |    |           |           |        |
| Atmel | ATF16V8BL |    | [PLCC20]  |           | (47)   |
| Atmel | ATF16V8BL |    | [SOIC20]  |           | (119)  |
| Atmel | ATF16V8BL |    | [TSSOP20] |           | (1089) |
| Atmel | ATF16V8BL | as | PAL10H8   |           |        |
| Atmel | ATF16V8BL | as | PAL10H8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8BL | as | PAL10H8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8BL | as | PAL10H8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8BL | as | PAL10L8   |           |        |
| Atmel | ATF16V8BL | as | PAL10L8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8BL | as | PAL10L8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8BL | as | PAL10L8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8BL | as | PAL10P8   |           |        |
| Atmel | ATF16V8BL | as | PAL10P8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8BL | as | PAL10P8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8BL | as | PAL10P8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8BL | as | PAL12H6   |           |        |
| Atmel | ATF16V8BL | as | PAL12H6   | [PLCC20]  | (47)   |
| Atmel | ATF16V8BL | as | PAL12H6   | [SOIC20]  | (119)  |
| Atmel | ATF16V8BL | as | PAL12H6   | [TSSOP20] | (1089) |
| Atmel | ATF16V8BL | as | PAL12L6   |           |        |
| Atmel | ATF16V8BL | as | PAL12L6   | [PLCC20]  | (47)   |
| Atmel | ATF16V8BL | as | PAL12L6   | [SOIC20]  | (119)  |
| Atmel | ATF16V8BL | as | PAL12L6   | [TSSOP20] | (1089) |
| Atmel | ATF16V8BL | as | PAL12P6   |           |        |
| Atmel | ATF16V8BL | as | PAL12P6   | [PLCC20]  | (47)   |
| Atmel | ATF16V8BL | as | PAL12P6   | [SOIC20]  | (119)  |
| Atmel | ATF16V8BL | as | PAL12P6   | [TSSOP20] | (1089) |
| Atmel | ATF16V8BL | as | PAL14H4   |           |        |
| Atmel | ATF16V8BL | as | PAL14H4   | [PLCC20]  | (47)   |
| Atmel | ATF16V8BL | as | PAL14H4   | [SOIC20]  | (119)  |
| Atmel | ATF16V8BL | as | PAL14H4   | [TSSOP20] | (1089) |
| Atmel | ATF16V8BL | as | PAL14L4   |           |        |
| Atmel | ATF16V8BL | as | PAL14L4   | [PLCC20]  | (47)   |
| Atmel | ATF16V8BL | as | PAL14L4   | [SOIC20]  | (119)  |
| Atmel | ATF16V8BL | as | PAL14L4   | [TSSOP20] | (1089) |
| Atmel | ATF16V8BL | as | PAL14P4   |           |        |
| Atmel | ATF16V8BL | as | PAL14P4   | [PLCC20]  | (47)   |
| Atmel | ATF16V8BL | as | PAL14P4   | [SOIC20]  | (119)  |
| Atmel | ATF16V8BL | as | PAL14P4   | [TSSOP20] | (1089) |
| Atmel | ATF16V8BL | as | PAL16H2   |           |        |
| Atmel | ATF16V8BL | as | PAL16H2   | [PLCC20]  | (47)   |
| Atmel | ATF16V8BL | as | PAL16H2   | [SOIC20]  | (119)  |
| Atmel | ATF16V8BL | as | PAL16H2   | [TSSOP20] | (1089) |
| Atmel | ATF16V8BL | as | PAL16H8   |           |        |
| Atmel | ATF16V8BL | as | PAL16H8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8BL | as | PAL16H8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8BL | as | PAL16H8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8BL | as | PAL16L2   |           |        |
| Atmel | ATF16V8BL | as | PAL16L2   | [PLCC20]  | (47)   |

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|       |  |            |                       |        |
|-------|--|------------|-----------------------|--------|
| Atme1 |  | ATF16V8BQL | [SOIC20]              | (119)  |
| Atme1 |  | ATF16V8BQL | [TSSOP20]             | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL10H8            |        |
| Atme1 |  | ATF16V8BQL | as PAL10H8 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL10H8 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL10H8 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL10L8            |        |
| Atme1 |  | ATF16V8BQL | as PAL10L8 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL10L8 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL10L8 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL10P8            |        |
| Atme1 |  | ATF16V8BQL | as PAL10P8 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL10P8 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL10P8 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL12H6            |        |
| Atme1 |  | ATF16V8BQL | as PAL12H6 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL12H6 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL12H6 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL12L6            |        |
| Atme1 |  | ATF16V8BQL | as PAL12L6 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL12L6 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL12L6 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL12P6            |        |
| Atme1 |  | ATF16V8BQL | as PAL12P6 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL12P6 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL12P6 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL14H4            |        |
| Atme1 |  | ATF16V8BQL | as PAL14H4 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL14H4 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL14H4 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL14L4            |        |
| Atme1 |  | ATF16V8BQL | as PAL14L4 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL14L4 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL14L4 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL14P4            |        |
| Atme1 |  | ATF16V8BQL | as PAL14P4 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL14P4 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL14P4 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL16H2            |        |
| Atme1 |  | ATF16V8BQL | as PAL16H2 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL16H2 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL16H2 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL16H8            |        |
| Atme1 |  | ATF16V8BQL | as PAL16H8 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL16H8 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL16H8 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL16L2            |        |
| Atme1 |  | ATF16V8BQL | as PAL16L2 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL16L2 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL16L2 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL16L8            |        |
| Atme1 |  | ATF16V8BQL | as PAL16L8 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL16L8 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL16L8 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL16P2            |        |
| Atme1 |  | ATF16V8BQL | as PAL16P2 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL16P2 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL16P2 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL16P8            |        |
| Atme1 |  | ATF16V8BQL | as PAL16P8 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL16P8 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL16P8 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL16R4            |        |
| Atme1 |  | ATF16V8BQL | as PAL16R4 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL16R4 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL16R4 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL16R6            |        |
| Atme1 |  | ATF16V8BQL | as PAL16R6 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL16R6 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL16R6 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL16R8            |        |
| Atme1 |  | ATF16V8BQL | as PAL16R8 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL16R8 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL16R8 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL16RP4           |        |
| Atme1 |  | ATF16V8BQL | as PAL16RP4 [PLCC20]  | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL16RP4 [SOIC20]  | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL16RP4 [TSSOP20] | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL16RP6           |        |
| Atme1 |  | ATF16V8BQL | as PAL16RP6 [PLCC20]  | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL16RP6 [SOIC20]  | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL16RP6 [TSSOP20] | (1089) |
| Atme1 |  | ATF16V8BQL | as PAL16RP8           |        |
| Atme1 |  | ATF16V8BQL | as PAL16RP8 [PLCC20]  | (47)   |
| Atme1 |  | ATF16V8BQL | as PAL16RP8 [SOIC20]  | (119)  |
| Atme1 |  | ATF16V8BQL | as PAL16RP8 [TSSOP20] | (1089) |
| Atme1 |  | ATF16V8C   |                       |        |
| Atme1 |  | ATF16V8C   | [PLCC20]              | (47)   |
| Atme1 |  | ATF16V8C   | [SOIC20]              | (119)  |
| Atme1 |  | ATF16V8C   | [TSSOP20]             | (1089) |
| Atme1 |  | ATF16V8C   | as PAL10H8            |        |
| Atme1 |  | ATF16V8C   | as PAL10H8 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8C   | as PAL10H8 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8C   | as PAL10H8 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8C   | as PAL10L8            |        |
| Atme1 |  | ATF16V8C   | as PAL10L8 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8C   | as PAL10L8 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8C   | as PAL10L8 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8C   | as PAL10P8            |        |
| Atme1 |  | ATF16V8C   | as PAL10P8 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8C   | as PAL10P8 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8C   | as PAL10P8 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8C   | as PAL12H6            |        |
| Atme1 |  | ATF16V8C   | as PAL12H6 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8C   | as PAL12H6 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8C   | as PAL12H6 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8C   | as PAL12L6            |        |
| Atme1 |  | ATF16V8C   | as PAL12L6 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8C   | as PAL12L6 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8C   | as PAL12L6 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8C   | as PAL12P6            |        |
| Atme1 |  | ATF16V8C   | as PAL12P6 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8C   | as PAL12P6 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8C   | as PAL12P6 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8C   | as PAL14H4            |        |
| Atme1 |  | ATF16V8C   | as PAL14H4 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8C   | as PAL14H4 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8C   | as PAL14H4 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8C   | as PAL14L4            |        |
| Atme1 |  | ATF16V8C   | as PAL14L4 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8C   | as PAL14L4 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8C   | as PAL14L4 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8C   | as PAL14P4            |        |
| Atme1 |  | ATF16V8C   | as PAL14P4 [PLCC20]   | (47)   |
| Atme1 |  | ATF16V8C   | as PAL14P4 [SOIC20]   | (119)  |
| Atme1 |  | ATF16V8C   | as PAL14P4 [TSSOP20]  | (1089) |
| Atme1 |  | ATF16V8C   | as PAL16H2            |        |
| Atme1 |  | ATF16V8C   | as PAL16H2 [PLCC20]   | (47)   |



|       |           |    |           |           |        |
|-------|-----------|----|-----------|-----------|--------|
| Atmel | ATF16V8C  | as | PAL16H2   | [SOIC20]  | (119)  |
| Atmel | ATF16V8C  | as | PAL16H2   | [TSSOP20] | (1089) |
| Atmel | ATF16V8C  | as | PAL16H8   |           |        |
| Atmel | ATF16V8C  | as | PAL16H8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8C  | as | PAL16H8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8C  | as | PAL16H8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8C  | as | PAL16L2   |           |        |
| Atmel | ATF16V8C  | as | PAL16L2   | [PLCC20]  | (47)   |
| Atmel | ATF16V8C  | as | PAL16L2   | [SOIC20]  | (119)  |
| Atmel | ATF16V8C  | as | PAL16L2   | [TSSOP20] | (1089) |
| Atmel | ATF16V8C  | as | PAL16L8   |           |        |
| Atmel | ATF16V8C  | as | PAL16L8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8C  | as | PAL16L8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8C  | as | PAL16L8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8C  | as | PAL16P2   |           |        |
| Atmel | ATF16V8C  | as | PAL16P2   | [PLCC20]  | (47)   |
| Atmel | ATF16V8C  | as | PAL16P2   | [SOIC20]  | (119)  |
| Atmel | ATF16V8C  | as | PAL16P2   | [TSSOP20] | (1089) |
| Atmel | ATF16V8C  | as | PAL16P8   |           |        |
| Atmel | ATF16V8C  | as | PAL16P8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8C  | as | PAL16P8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8C  | as | PAL16P8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8C  | as | PAL16R4   |           |        |
| Atmel | ATF16V8C  | as | PAL16R4   | [PLCC20]  | (47)   |
| Atmel | ATF16V8C  | as | PAL16R4   | [SOIC20]  | (119)  |
| Atmel | ATF16V8C  | as | PAL16R4   | [TSSOP20] | (1089) |
| Atmel | ATF16V8C  | as | PAL16R6   |           |        |
| Atmel | ATF16V8C  | as | PAL16R6   | [PLCC20]  | (47)   |
| Atmel | ATF16V8C  | as | PAL16R6   | [SOIC20]  | (119)  |
| Atmel | ATF16V8C  | as | PAL16R6   | [TSSOP20] | (1089) |
| Atmel | ATF16V8C  | as | PAL16R8   |           |        |
| Atmel | ATF16V8C  | as | PAL16R8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8C  | as | PAL16R8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8C  | as | PAL16R8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8C  | as | PAL16RP4  |           |        |
| Atmel | ATF16V8C  | as | PAL16RP4  | [PLCC20]  | (47)   |
| Atmel | ATF16V8C  | as | PAL16RP4  | [SOIC20]  | (119)  |
| Atmel | ATF16V8C  | as | PAL16RP4  | [TSSOP20] | (1089) |
| Atmel | ATF16V8C  | as | PAL16RP6  |           |        |
| Atmel | ATF16V8C  | as | PAL16RP6  | [PLCC20]  | (47)   |
| Atmel | ATF16V8C  | as | PAL16RP6  | [SOIC20]  | (119)  |
| Atmel | ATF16V8C  | as | PAL16RP6  | [TSSOP20] | (1089) |
| Atmel | ATF16V8C  | as | PAL16RP8  |           |        |
| Atmel | ATF16V8C  | as | PAL16RP8  | [PLCC20]  | (47)   |
| Atmel | ATF16V8C  | as | PAL16RP8  | [SOIC20]  | (119)  |
| Atmel | ATF16V8C  | as | PAL16RP8  | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ |    |           |           |        |
| Atmel | ATF16V8CZ |    | [PLCC20]  |           | (47)   |
| Atmel | ATF16V8CZ |    | [SOIC20]  |           | (119)  |
| Atmel | ATF16V8CZ |    | [TSSOP20] |           | (1089) |
| Atmel | ATF16V8CZ | as | PAL10H8   |           |        |
| Atmel | ATF16V8CZ | as | PAL10H8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL10H8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL10H8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL10L8   |           |        |
| Atmel | ATF16V8CZ | as | PAL10L8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL10L8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL10L8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL10P8   |           |        |
| Atmel | ATF16V8CZ | as | PAL10P8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL10P8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL10P8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL12H6   |           |        |
| Atmel | ATF16V8CZ | as | PAL12H6   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL12H6   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL12H6   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL12L6   |           |        |
| Atmel | ATF16V8CZ | as | PAL12L6   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL12L6   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL12L6   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL12P6   |           |        |
| Atmel | ATF16V8CZ | as | PAL12P6   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL12P6   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL12P6   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL14H4   |           |        |
| Atmel | ATF16V8CZ | as | PAL14H4   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL14H4   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL14H4   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL14L4   |           |        |
| Atmel | ATF16V8CZ | as | PAL14L4   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL14L4   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL14L4   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL14P4   |           |        |
| Atmel | ATF16V8CZ | as | PAL14P4   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL14P4   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL14P4   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL16H2   |           |        |
| Atmel | ATF16V8CZ | as | PAL16H2   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL16H2   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL16H2   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL16H8   |           |        |
| Atmel | ATF16V8CZ | as | PAL16H8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL16H8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL16H8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL16L2   |           |        |
| Atmel | ATF16V8CZ | as | PAL16L2   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL16L2   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL16L2   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL16L8   |           |        |
| Atmel | ATF16V8CZ | as | PAL16L8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL16L8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL16L8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL16P2   |           |        |
| Atmel | ATF16V8CZ | as | PAL16P2   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL16P2   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL16P2   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL16P8   |           |        |
| Atmel | ATF16V8CZ | as | PAL16P8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL16P8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL16P8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL16R4   |           |        |
| Atmel | ATF16V8CZ | as | PAL16R4   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL16R4   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL16R4   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL16R6   |           |        |
| Atmel | ATF16V8CZ | as | PAL16R6   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL16R6   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL16R6   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL16R8   |           |        |
| Atmel | ATF16V8CZ | as | PAL16R8   | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL16R8   | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL16R8   | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL16RP4  |           |        |
| Atmel | ATF16V8CZ | as | PAL16RP4  | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ | as | PAL16RP4  | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ | as | PAL16RP4  | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ | as | PAL16RP6  |           |        |
| Atmel | ATF16V8CZ | as | PAL16RP6  | [PLCC20]  | (47)   |

|       |              |     |           |           |        |
|-------|--------------|-----|-----------|-----------|--------|
| Atmel | ATF16V8CZ    | as  | PAL16RP6  | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ    | as  | PAL16RP6  | [TSSOP20] | (1089) |
| Atmel | ATF16V8CZ    | as  | PAL16RP8  |           |        |
| Atmel | ATF16V8CZ    | as  | PAL16RP8  | [PLCC20]  | (47)   |
| Atmel | ATF16V8CZ    | as  | PAL16RP8  | [SOIC20]  | (119)  |
| Atmel | ATF16V8CZ    | as  | PAL16RP8  | [TSSOP20] | (1089) |
| Atmel | ATF20V8B     |     |           |           |        |
| Atmel | ATF20V8B     |     | [PLCC28]  |           | (48)   |
| Atmel | ATF20V8B     |     | [SOIC24]  |           | (1062) |
| Atmel | ATF20V8B     |     | [TSSOP24] |           | (1090) |
| Atmel | ATF20V8BL    |     |           |           |        |
| Atmel | ATF20V8BL    |     | [PLCC28]  |           | (48)   |
| Atmel | ATF20V8BL    |     | [SOIC24]  |           | (1062) |
| Atmel | ATF20V8BL    |     | [TSSOP24] |           | (1090) |
| Atmel | ATF20V8BQ    |     |           |           |        |
| Atmel | ATF20V8BQ    |     | [PLCC28]  |           | (48)   |
| Atmel | ATF20V8BQ    |     | [SOIC24]  |           | (1062) |
| Atmel | ATF20V8BQ    |     | [TSSOP24] |           | (1090) |
| Atmel | ATF20V8BQL   |     |           |           |        |
| Atmel | ATF20V8BQL   |     | [PLCC28]  |           | (48)   |
| Atmel | ATF20V8BQL   |     | [SOIC24]  |           | (1062) |
| Atmel | ATF20V8BQL   |     | [TSSOP24] |           | (1090) |
| Atmel | ATF20V8C     |     |           |           |        |
| Atmel | ATF20V8C     |     | [PLCC28]  |           | (48)   |
| Atmel | ATF20V8C     |     | [SOIC24]  |           | (1062) |
| Atmel | ATF20V8C     |     | [TSSOP24] |           | (1090) |
| Atmel | ATF20V8C     | EXT |           |           |        |
| Atmel | ATF20V8C     | EXT | [PLCC28]  |           | (48)   |
| Atmel | ATF20V8C     | EXT | [SOIC24]  |           | (1062) |
| Atmel | ATF20V8C     | EXT | [TSSOP24] |           | (1090) |
| Atmel | ATF20V8CQ    |     |           |           |        |
| Atmel | ATF20V8CQ    |     | [PLCC28]  |           | (48)   |
| Atmel | ATF20V8CQ    |     | [SOIC24]  |           | (1062) |
| Atmel | ATF20V8CQ    |     | [TSSOP24] |           | (1090) |
| Atmel | ATF20V8CQ    | EXT |           |           |        |
| Atmel | ATF20V8CQ    | EXT | [PLCC28]  |           | (48)   |
| Atmel | ATF20V8CQ    | EXT | [SOIC24]  |           | (1062) |
| Atmel | ATF20V8CQ    | EXT | [TSSOP24] |           | (1090) |
| Atmel | ATF20V8CQZ   |     |           |           |        |
| Atmel | ATF20V8CQZ   |     | [PLCC28]  |           | (48)   |
| Atmel | ATF20V8CQZ   |     | [SOIC24]  |           | (1062) |
| Atmel | ATF20V8CQZ   |     | [TSSOP24] |           | (1090) |
| Atmel | ATF20V8CZ    |     |           |           |        |
| Atmel | ATF20V8CZ    |     | [PLCC28]  |           | (48)   |
| Atmel | ATF20V8CZ    |     | [SOIC24]  |           | (1062) |
| Atmel | ATF20V8CZ    |     | [TSSOP24] |           | (1090) |
| Atmel | ATF22LV10C   |     |           |           |        |
| Atmel | ATF22LV10C   |     | [PLCC28]  |           | (48)   |
| Atmel | ATF22LV10C   |     | [SOIC24]  |           | (1062) |
| Atmel | ATF22LV10C   |     | [TSSOP24] |           | (1090) |
| Atmel | ATF22LV10CQ  |     |           |           |        |
| Atmel | ATF22LV10CQ  |     | [PLCC28]  |           | (48)   |
| Atmel | ATF22LV10CQ  |     | [SOIC24]  |           | (1062) |
| Atmel | ATF22LV10CQ  |     | [TSSOP24] |           | (1090) |
| Atmel | ATF22LV10CQZ |     |           |           |        |
| Atmel | ATF22LV10CQZ |     | [PLCC28]  |           | (48)   |
| Atmel | ATF22LV10CQZ |     | [SOIC24]  |           | (1062) |
| Atmel | ATF22LV10CQZ |     | [TSSOP24] |           | (1090) |
| Atmel | ATF22LV10CZ  |     |           |           |        |
| Atmel | ATF22LV10CZ  |     | [PLCC28]  |           | (48)   |
| Atmel | ATF22LV10CZ  |     | [SOIC24]  |           | (1062) |
| Atmel | ATF22LV10CZ  |     | [TSSOP24] |           | (1090) |
| Atmel | ATF22V10B    |     |           |           |        |
| Atmel | ATF22V10B    |     | [LCC28]   |           | (633)  |
| Atmel | ATF22V10B    |     | [PLCC28]  |           | (48)   |
| Atmel | ATF22V10B    |     | [SOIC24]  |           | (1062) |
| Atmel | ATF22V10B    |     | [TSSOP24] |           | (1090) |
| Atmel | ATF22V10BL   |     |           |           |        |
| Atmel | ATF22V10BL   |     | [LCC28]   |           | (633)  |
| Atmel | ATF22V10BL   |     | [PLCC28]  |           | (48)   |
| Atmel | ATF22V10BL   |     | [SOIC24]  |           | (1062) |
| Atmel | ATF22V10BL   |     | [TSSOP24] |           | (1090) |
| Atmel | ATF22V10BQ   |     |           |           |        |
| Atmel | ATF22V10BQ   |     | [LCC28]   |           | (633)  |
| Atmel | ATF22V10BQ   |     | [PLCC28]  |           | (48)   |
| Atmel | ATF22V10BQ   |     | [SOIC24]  |           | (1062) |
| Atmel | ATF22V10BQ   |     | [TSSOP24] |           | (1090) |
| Atmel | ATF22V10BQL  |     |           |           |        |
| Atmel | ATF22V10BQL  |     | [LCC28]   |           | (633)  |
| Atmel | ATF22V10BQL  |     | [PLCC28]  |           | (48)   |
| Atmel | ATF22V10BQL  |     | [SOIC24]  |           | (1062) |
| Atmel | ATF22V10BQL  |     | [TSSOP24] |           | (1090) |
| Atmel | ATF22V10C    |     |           |           |        |
| Atmel | ATF22V10C    |     | [LCC28]   |           | (633)  |
| Atmel | ATF22V10C    |     | [PLCC28]  |           | (48)   |
| Atmel | ATF22V10C    |     | [SOIC24]  |           | (1062) |
| Atmel | ATF22V10C    |     | [TSSOP24] |           | (1090) |
| Atmel | ATF22V10CQ   |     |           |           |        |
| Atmel | ATF22V10CQ   |     | [PLCC28]  |           | (48)   |
| Atmel | ATF22V10CQ   |     | [SOIC24]  |           | (1062) |
| Atmel | ATF22V10CQ   |     | [TSSOP24] |           | (1090) |
| Atmel | ATF22V10CQZ  |     |           |           |        |
| Atmel | ATF22V10CQZ  |     | [PLCC28]  |           | (48)   |
| Atmel | ATF22V10CQZ  |     | [SOIC24]  |           | (1062) |
| Atmel | ATF22V10CQZ  |     | [TSSOP24] |           | (1090) |
| Atmel | ATF22V10CZ   |     |           |           |        |
| Atmel | ATF22V10CZ   |     | [PLCC28]  |           | (48)   |
| Atmel | ATF22V10CZ   |     | [SOIC24]  |           | (1062) |
| Atmel | ATF22V10CZ   |     | [TSSOP24] |           | (1090) |
| Atmel | ATF2500C     |     |           |           |        |
| Atmel | ATF2500C     |     | [LCC44]   |           | (739)  |
| Atmel | ATF2500C     |     | [PLCC44]  |           | (67)   |
| Atmel | ATF2500C     | AS  | V2500     |           |        |
| Atmel | ATF2500C     | AS  | V2500     | [LCC44]   | (739)  |
| Atmel | ATF2500C     | AS  | V2500     | [PLCC44]  | (67)   |
| Atmel | ATF2500C     | AS  | V2500B    |           |        |
| Atmel | ATF2500C     | AS  | V2500B    | [LCC44]   | (739)  |
| Atmel | ATF2500C     | AS  | V2500B    | [PLCC44]  | (67)   |
| Atmel | ATF2500CL    |     |           |           |        |
| Atmel | ATF2500CL    |     | [LCC44]   |           | (739)  |
| Atmel | ATF2500CL    |     | [PLCC44]  |           | (67)   |
| Atmel | ATF2500CL    | AS  | V2500     |           |        |
| Atmel | ATF2500CL    | AS  | V2500     | [LCC44]   | (739)  |
| Atmel | ATF2500CL    | AS  | V2500     | [PLCC44]  | (67)   |
| Atmel | ATF2500CL    | AS  | V2500B    |           |        |
| Atmel | ATF2500CL    | AS  | V2500B    | [LCC44]   | (739)  |
| Atmel | ATF2500CL    | AS  | V2500B    | [PLCC44]  | (67)   |
| Atmel | ATF2500CQ    |     |           |           |        |
| Atmel | ATF2500CQ    |     | [LCC44]   |           | (739)  |
| Atmel | ATF2500CQ    |     | [PLCC44]  |           | (67)   |
| Atmel | ATF2500CQ    | AS  | V2500B    |           |        |
| Atmel | ATF2500CQ    | AS  | V2500B    | [LCC44]   | (739)  |
| Atmel | ATF2500CQ    | AS  | V2500B    | [PLCC44]  | (67)   |
| Atmel | ATF2500CQL   |     |           |           |        |
| Atmel | ATF2500CQL   |     | [LCC44]   |           | (739)  |
| Atmel | ATF2500CQL   |     | [PLCC44]  |           | (67)   |
| Atmel | ATF2500CQL   | AS  | V2500B    |           |        |
| Atmel | ATF2500CQL   | AS  | V2500B    | [LCC44]   | (739)  |

|       |                                  |              |
|-------|----------------------------------|--------------|
| Atmel | ATF2500CQL AS V2500B[PLCC44]     | (67)         |
| Atmel | ATF750C                          |              |
| Atmel | ATF750C [LCC28]                  | (633)        |
| Atmel | ATF750C [PLCC28]                 | (48)         |
| Atmel | ATF750C [SOIC24]                 | (1062)       |
| Atmel | ATF750C [TSSOP24]                | (1090)       |
| Atmel | ATF750C AS V750                  |              |
| Atmel | ATF750C AS V750 [LCC28]          | (633)        |
| Atmel | ATF750C AS V750 [PLCC28]         | (48)         |
| Atmel | ATF750C AS V750 [SOIC24]         | (1062)       |
| Atmel | ATF750C AS V750 [TSSOP24]        | (1090)       |
| Atmel | ATF750C AS V750B                 |              |
| Atmel | ATF750C AS V750B [LCC28]         | (633)        |
| Atmel | ATF750C AS V750B [PLCC28]        | (48)         |
| Atmel | ATF750C AS V750B [SOIC24]        | (1062)       |
| Atmel | ATF750C AS V750B [TSSOP24]       | (1090)       |
| Atmel | ATF750C EXT                      |              |
| Atmel | ATF750C EXT [LCC28]              | (633)        |
| Atmel | ATF750C EXT [PLCC28]             | (48)         |
| Atmel | ATF750C EXT [SOIC24]             | (1062)       |
| Atmel | ATF750C EXT [TSSOP24]            | (1090)       |
| Atmel | ATF750CL                         |              |
| Atmel | ATF750CL [PLCC28]                | (48)         |
| Atmel | ATF750CL [SOIC24]                | (1062)       |
| Atmel | ATF750CL [TSSOP24]               | (1090)       |
| Atmel | ATF750CL AS V750                 |              |
| Atmel | ATF750CL AS V750 [PLCC28]        | (48)         |
| Atmel | ATF750CL AS V750 [SOIC24]        | (1062)       |
| Atmel | ATF750CL AS V750 [TSSOP24]       | (1090)       |
| Atmel | ATF750CL AS V750B                |              |
| Atmel | ATF750CL AS V750B [PLCC28]       | (48)         |
| Atmel | ATF750CL AS V750B [SOIC24]       | (1062)       |
| Atmel | ATF750CL AS V750B [TSSOP24]      | (1090)       |
| Atmel | ATF750LVC                        |              |
| Atmel | ATF750LVC [PLCC28]               | (48)         |
| Atmel | ATF750LVC [TSSOP24]              | (1090)       |
| Atmel | ATF750LVC AS V750                |              |
| Atmel | ATF750LVC AS V750 [PLCC28]       | (48)         |
| Atmel | ATF750LVC AS V750 [SOIC24]       | (1062)       |
| Atmel | ATF750LVC AS V750 [TSSOP24]      | (1090)       |
| Atmel | ATF750LVC AS V750B               |              |
| Atmel | ATF750LVC AS V750B [PLCC28]      | (48)         |
| Atmel | ATF750LVC AS V750B [SOIC24]      | (1062)       |
| Atmel | ATF750LVC AS V750B [TSSOP24]     | (1090)       |
| Atmel | ATF750LVC EXT                    |              |
| Atmel | ATF750LVC EXT [PLCC28]           | (48)         |
| Atmel | ATF750LVC EXT [SOIC24]           | (1062)       |
| Atmel | ATF750LVC EXT [TSSOP24]          | (1090)       |
| Atmel | ATF750LVC[SOIC24]                | (1062)       |
| Atmel | ATF750LVCL                       |              |
| Atmel | ATF750LVCL [PLCC28]              | (48)         |
| Atmel | ATF750LVCL [SOIC24]              | (1062)       |
| Atmel | ATF750LVCL [TSSOP24]             | (1090)       |
| Atmel | ATF750LVCL AS V750               |              |
| Atmel | ATF750LVCL AS V750 [PLCC28]      | (48)         |
| Atmel | ATF750LVCL AS V750 [SOIC24]      | (1062)       |
| Atmel | ATF750LVCL AS V750 [TSSOP24]     | (1090)       |
| Atmel | ATF750LVCL AS V750B              |              |
| Atmel | ATF750LVCL AS V750B [PLCC28]     | (48)         |
| Atmel | ATF750LVCL AS V750B [SOIC24]     | (1062)       |
| Atmel | ATF750LVCL AS V750B [TSSOP24]    | (1090)       |
| Atmel | ATmega103 (ISP-SPI)              | (138)        |
| Atmel | ATmega103 [TQFP64]               | (103)        |
| Atmel | ATmega103L (ISP-SPI)             | (138)        |
| Atmel | ATmega103L [TQFP64]              | (103)        |
| Atmel | ATmega128 (ISP-JTAG)             | (138)        |
| Atmel | ATmega128 (ISP-SPI)              | (138)        |
| Atmel | ATmega128 (ISP-SPI) (Enhanced)   | (138) (9997) |
| Atmel | ATmega128 [MLF64]                | (559)        |
| Atmel | ATmega128 [TQFP64]               | (103)        |
| Atmel | ATmega1280 (ISP-JTAG)            | (138)        |
| Atmel | ATmega1280 (ISP-SPI)             | (138)        |
| Atmel | ATmega1280 (ISP-SPI) (Enhanced)  | (138) (9997) |
| Atmel | ATmega1280 [CBGA100]             | (1031)       |
| Atmel | ATmega1280 [TQFP100]             | (560)        |
| Atmel | ATmega1280V (ISP-JTAG)           | (138)        |
| Atmel | ATmega1280V (ISP-SPI)            | (138)        |
| Atmel | ATmega1280V (ISP-SPI) (Enhanced) | (138) (9997) |
| Atmel | ATmega1280V [CBGA100]            | (1031)       |
| Atmel | ATmega1280V [TQFP100]            | (560)        |
| Atmel | ATmega1281 (ISP-JTAG)            | (138)        |
| Atmel | ATmega1281 (ISP-SPI)             | (138)        |
| Atmel | ATmega1281 (ISP-SPI) (Enhanced)  | (138) (9997) |
| Atmel | ATmega1281 [MLF64]               | (559)        |
| Atmel | ATmega1281 [TQFP64]              | (103)        |
| Atmel | ATmega1281V (ISP-JTAG)           | (138)        |
| Atmel | ATmega1281V (ISP-SPI)            | (138)        |
| Atmel | ATmega1281V (ISP-SPI) (Enhanced) | (138) (9997) |
| Atmel | ATmega1281V [MLF64]              | (559)        |
| Atmel | ATmega1281V [TQFP64]             | (103)        |
| Atmel | ATmega1284                       |              |
| Atmel | ATmega1284 (ISP-JTAG)            | (138)        |
| Atmel | ATmega1284 (ISP-SPI)             | (138)        |
| Atmel | ATmega1284 (ISP-SPI) (Enhanced)  | (138) (9997) |
| Atmel | ATmega1284 [TQFP44]              | (94)         |
| Atmel | ATmega1284 [VQFN44]              | (231)        |
| Atmel | ATmega1284P                      |              |
| Atmel | ATmega1284P (ISP-JTAG)           | (138)        |
| Atmel | ATmega1284P (ISP-SPI)            | (138)        |
| Atmel | ATmega1284P (ISP-SPI) (Enhanced) | (138) (9997) |
| Atmel | ATmega1284P [TQFP44]             | (94)         |
| Atmel | ATmega1284P [VQFN44]             | (231)        |
| Atmel | ATmega1284RFR2 (ISP-JTAG)        | (138)        |
| Atmel | ATmega1284RFR2 (ISP-SPI)         | (138)        |
| Atmel | ATmega1284RFR2 [VQFN48]          | (567)        |
| Atmel | ATmega128A (ISP-JTAG)            | (138)        |
| Atmel | ATmega128A (ISP-SPI)             | (138)        |
| Atmel | ATmega128A (ISP-SPI) (Enhanced)  | (138) (9997) |
| Atmel | ATmega128A [MLF64]               | (559)        |
| Atmel | ATmega128A [TQFP64]              | (103)        |
| Atmel | ATmega128CAN11 (ISP-SPI)         | (138)        |
| Atmel | ATmega128CAN11 [TQFP64]          | (103)        |
| Atmel | ATmega128L (ISP-JTAG)            | (138)        |
| Atmel | ATmega128L (ISP-SPI)             | (138)        |
| Atmel | ATmega128L (ISP-SPI) (Enhanced)  | (138) (9997) |
| Atmel | ATmega128L [MLF64]               | (559)        |
| Atmel | ATmega128L [TQFP64]              | (103)        |
| Atmel | ATmega128RFA1 (ISP-SPI)          | (138)        |
| Atmel | ATmega128RFA1 [QFN64]            | (2385)       |
| Atmel | ATmega128RFR2 (ISP-JTAG)         | (138)        |
| Atmel | ATmega128RFR2 (ISP-SPI)          | (138)        |
| Atmel | ATmega128RFR2 [QFN64]            | (2385)       |
| Atmel | ATmega16                         |              |
| Atmel | ATmega16 (ISP-JTAG)              | (138)        |
| Atmel | ATmega16 (ISP-SPI)               | (138)        |
| Atmel | ATmega16 (ISP-SPI) (Enhanced)    | (138) (9997) |
| Atmel | ATmega16 [MLF44]                 | (231)        |
| Atmel | ATmega16 [TQFP44]                | (94)         |

|       |              |                        |              |
|-------|--------------|------------------------|--------------|
| Atmel | ATmega1608   | [QFN32]                | (4740)       |
| Atmel | ATmega1608   | [QFP32]                | (4739)       |
| Atmel | ATmega1608   | [SSOP28]               | (4741)       |
| Atmel | ATmega1609   | [QFN48]                | (5043)       |
| Atmel | ATmega1609   | [QFP48]                | (4738)       |
| Atmel | ATmega161    |                        |              |
| Atmel | ATmega161    | (ISP-SPI)              | (138)        |
| Atmel | ATmega161    | [TQFP44]               | (94)         |
| Atmel | ATmega161L   |                        |              |
| Atmel | ATmega161L   | (ISP-SPI)              | (138)        |
| Atmel | ATmega161L   | [TQFP44]               | (94)         |
| Atmel | ATmega162    |                        |              |
| Atmel | ATmega162    | (ISP-JTAG)             | (138)        |
| Atmel | ATmega162    | (ISP-SPI)              | (138)        |
| Atmel | ATmega162    | [MLF44]                | (231)        |
| Atmel | ATmega162    | [TQFP44]               | (94)         |
| Atmel | ATmega162L   |                        |              |
| Atmel | ATmega162L   | [TQFP44]               | (94)         |
| Atmel | ATmega162U   |                        |              |
| Atmel | ATmega162U   | (ISP-JTAG)             | (138)        |
| Atmel | ATmega162U   | (ISP-SPI)              | (138)        |
| Atmel | ATmega162U   | [MLF44]                | (231)        |
| Atmel | ATmega162U   | [TQFP44]               | (94)         |
| Atmel | ATmega162V   |                        |              |
| Atmel | ATmega162V   | (ISP-JTAG)             | (138)        |
| Atmel | ATmega162V   | (ISP-SPI)              | (138)        |
| Atmel | ATmega162V   | [MLF44]                | (231)        |
| Atmel | ATmega162V   | [TQFP44]               | (94)         |
| Atmel | ATmega163    |                        |              |
| Atmel | ATmega163    | (ISP-SPI)              | (138)        |
| Atmel | ATmega163    | [TQFP44]               | (94)         |
| Atmel | ATmega163L   |                        |              |
| Atmel | ATmega163L   | (ISP-SPI)              | (138)        |
| Atmel | ATmega163L   | [TQFP44]               | (94)         |
| Atmel | ATmega164    |                        |              |
| Atmel | ATmega164    | (ISP-JTAG)             | (138)        |
| Atmel | ATmega164    | (ISP-SPI)              | (138)        |
| Atmel | ATmega164    | [MLF44]                | (231)        |
| Atmel | ATmega164    | [TQFP44]               | (94)         |
| Atmel | ATmega164A   |                        |              |
| Atmel | ATmega164A   | (ISP-JTAG)             | (138)        |
| Atmel | ATmega164A   | (ISP-SPI)              | (138)        |
| Atmel | ATmega164A   | [DRQFN44]              | (2668)       |
| Atmel | ATmega164A   | [MLF44]                | (231)        |
| Atmel | ATmega164A   | [TQFP44]               | (94)         |
| Atmel | ATmega164A   | [VFBGA49]              | (2139)       |
| Atmel | ATmega164P   |                        |              |
| Atmel | ATmega164P   | (ISP-JTAG)             | (138)        |
| Atmel | ATmega164P   | (ISP-SPI)              | (138)        |
| Atmel | ATmega164P   | [MLF44]                | (231)        |
| Atmel | ATmega164P   | [TQFP44]               | (94)         |
| Atmel | ATmega164PA  |                        |              |
| Atmel | ATmega164PA  | (ISP-JTAG)             | (138)        |
| Atmel | ATmega164PA  | (ISP-SPI)              | (138)        |
| Atmel | ATmega164PA  | (ISP-SPI) (Enhanced)   | (138) (9997) |
| Atmel | ATmega164PA  | [DRQFN44]              | (2668)       |
| Atmel | ATmega164PA  | [MLF44]                | (231)        |
| Atmel | ATmega164PA  | [TQFP44]               | (94)         |
| Atmel | ATmega164PA  | [VFBGA49]              | (2139)       |
| Atmel | ATmega164P-B | (ISP-JTAG)             | (138)        |
| Atmel | ATmega164P-B | (ISP-SPI)              | (138)        |
| Atmel | ATmega164P-B | [MLF44]                | (231)        |
| Atmel | ATmega164P-B | [TQFP44]               | (94)         |
| Atmel | ATmega164PV  |                        |              |
| Atmel | ATmega164PV  | (ISP-JTAG)             | (138)        |
| Atmel | ATmega164PV  | (ISP-SPI)              | (138)        |
| Atmel | ATmega164PV  | (ISP-SPI) (Enhanced)   | (138) (9997) |
| Atmel | ATmega164PV  | (ISP-SPI) (OSCCAL)     | (138) (9997) |
| Atmel | ATmega164PV  | [MLF44]                | (231)        |
| Atmel | ATmega164PV  | [TQFP44]               | (94)         |
| Atmel | ATmega164V   |                        |              |
| Atmel | ATmega164V   | (ISP-JTAG)             | (138)        |
| Atmel | ATmega164V   | (ISP-SPI)              | (138)        |
| Atmel | ATmega164V   | [MLF44]                | (231)        |
| Atmel | ATmega164V   | [TQFP44]               | (94)         |
| Atmel | ATmega165    | (ISP-JTAG)             | (138)        |
| Atmel | ATmega165    | (ISP-SPI)              | (138)        |
| Atmel | ATmega165    | [MLF64]                | (559)        |
| Atmel | ATmega165    | [TQFP64]               | (103)        |
| Atmel | ATmega165A   | (ISP-JTAG)             | (138)        |
| Atmel | ATmega165A   | (ISP-SPI)              | (138)        |
| Atmel | ATmega165A   | [MLF64]                | (559)        |
| Atmel | ATmega165A   | [TQFP64]               | (103)        |
| Atmel | ATmega165P   | (ISP-JTAG)             | (138)        |
| Atmel | ATmega165P   | (ISP-SPI)              | (138)        |
| Atmel | ATmega165P   | [MLF64]                | (559)        |
| Atmel | ATmega165P   | [TQFP64]               | (103)        |
| Atmel | ATmega165PA  | (ISP-JTAG)             | (138)        |
| Atmel | ATmega165PA  | (ISP-SPI)              | (138)        |
| Atmel | ATmega165PA  | [MLF64]                | (559)        |
| Atmel | ATmega165PA  | [TQFP64]               | (103)        |
| Atmel | ATmega165PV  | (ISP-JTAG)             | (138)        |
| Atmel | ATmega165PV  | (ISP-SPI)              | (138)        |
| Atmel | ATmega165PV  | [MLF64]                | (559)        |
| Atmel | ATmega165PV  | [TQFP64]               | (103)        |
| Atmel | ATmega165V   | (ISP-JTAG)             | (138)        |
| Atmel | ATmega165V   | (ISP-SPI)              | (138)        |
| Atmel | ATmega165V   | [MLF64]                | (559)        |
| Atmel | ATmega165V   | [TQFP64]               | (103)        |
| Atmel | ATmega168    |                        |              |
| Atmel | ATmega168    | (ISP-SPI)              | (138)        |
| Atmel | ATmega168    | (ISP-SPI) (Enhanced)   | (138) (9997) |
| Atmel | ATmega168    | [MLF32]                | (221)        |
| Atmel | ATmega168    | [MLF32] (NC pins 3,6)  | (221)        |
| Atmel | ATmega168    | [TQFP32]               | (159)        |
| Atmel | ATmega168    | [TQFP32] (NC pins 3,6) | (159)        |
| Atmel | ATmega168A   |                        |              |
| Atmel | ATmega168A   | (ISP-SPI)              | (138)        |
| Atmel | ATmega168A   | (ISP-SPI) (Enhanced)   | (138) (9997) |
| Atmel | ATmega168A   | [MLF28]                | (1005)       |
| Atmel | ATmega168A   | [MLF32]                | (221)        |
| Atmel | ATmega168A   | [MLF32] (NC pins 3,6)  | (221)        |
| Atmel | ATmega168A   | [TQFP32]               | (159)        |
| Atmel | ATmega168A   | [TQFP32] (NC pins 3,6) | (159)        |
| Atmel | ATmega168A   | [UFBGA32]              | (2141)       |
| Atmel | ATmega168P   |                        |              |
| Atmel | ATmega168P   | (ISP-SPI)              | (138)        |
| Atmel | ATmega168P   | (ISP-SPI) (Enhanced)   | (138) (9997) |
| Atmel | ATmega168P   | [MLF32]                | (221)        |
| Atmel | ATmega168P   | [MLF32] (NC pins 3,6)  | (221)        |
| Atmel | ATmega168P   | [TQFP32]               | (159)        |
| Atmel | ATmega168P   | [TQFP32] (NC pins 3,6) | (159)        |
| Atmel | ATmega168PA  |                        |              |
| Atmel | ATmega168PA  | (ISP-SPI)              | (138)        |
| Atmel | ATmega168PA  | (ISP-SPI) (Enhanced)   | (138) (9997) |
| Atmel | ATmega168PA  | (ISP-SPI) (SEM-1)      | (138) (9999) |
| Atmel | ATmega168PA  | [MLF28]                | (1005)       |
| Atmel | ATmega168PA  | [MLF32]                | (221)        |

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| Atmel | ATmega168PA    | [MLF32](NC pins 3,6)        | (221)        |
| Atmel | ATmega168PA    | [MLF32](SEM-1)              | (221) (9999) |
| Atmel | ATmega168PA    | [MLF32](SEM-1)(NC pins 3,6) | (221) (9999) |
| Atmel | ATmega168PA    | [TQFP32]                    | (159)        |
| Atmel | ATmega168PA    | [TQFP32](NC pins 3,6)       | (159)        |
| Atmel | ATmega168PA    | [UFBGA32]                   | (2141)       |
| Atmel | ATmega168PB    | (ISP-SPI)                   | (138)        |
| Atmel | ATmega168PB    | (ISP-SPI)(Enhanced)         | (138) (9997) |
| Atmel | ATmega168PB    | [MLF32]                     | (221)        |
| Atmel | ATmega168PB    | [TQFP32]                    | (159)        |
| Atmel | ATmega168PV    | (ISP-SPI)                   | (138)        |
| Atmel | ATmega168PV    | (ISP-SPI)(Enhanced)         | (138) (9997) |
| Atmel | ATmega168PV    | [MLF32]                     | (221)        |
| Atmel | ATmega168PV    | [MLF32](NC pins 3,6)        | (221)        |
| Atmel | ATmega168PV    | [TQFP32]                    | (159)        |
| Atmel | ATmega168PV    | [TQFP32](NC pins 3,6)       | (159)        |
| Atmel | ATmega168V     | (ISP-SPI)                   | (138)        |
| Atmel | ATmega168V     | (ISP-SPI)(Enhanced)         | (138) (9997) |
| Atmel | ATmega168V     | [MLF32]                     | (221)        |
| Atmel | ATmega168V     | [MLF32](NC pins 3,6)        | (221)        |
| Atmel | ATmega168V     | [TQFP32]                    | (159)        |
| Atmel | ATmega168V     | [TQFP32](NC pins 3,6)       | (159)        |
| Atmel | ATmega169      | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega169      | (ISP-SPI)                   | (138)        |
| Atmel | ATmega169      | [MLF64]                     | (559)        |
| Atmel | ATmega169      | [TQFP64]                    | (103)        |
| Atmel | ATmega169A     | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega169A     | (ISP-SPI)                   | (138)        |
| Atmel | ATmega169A     | [DRQFN64]                   | (3073)       |
| Atmel | ATmega169A     | [MLF64]                     | (559)        |
| Atmel | ATmega169A     | [TQFP64]                    | (103)        |
| Atmel | ATmega169L     | (ISP-SPI)                   | (138)        |
| Atmel | ATmega169L     | [MLF64]                     | (559)        |
| Atmel | ATmega169L     | [TQFP64]                    | (103)        |
| Atmel | ATmega169P     | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega169P     | (ISP-SPI)                   | (138)        |
| Atmel | ATmega169P     | [MLF64]                     | (559)        |
| Atmel | ATmega169P     | [TQFP64]                    | (103)        |
| Atmel | ATmega169PA    | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega169PA    | (ISP-SPI)                   | (138)        |
| Atmel | ATmega169PA    | [DRQFN64]                   | (3073)       |
| Atmel | ATmega169PA    | [MLF64]                     | (559)        |
| Atmel | ATmega169PA    | [TQFP64]                    | (103)        |
| Atmel | ATmega169PV    | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega169PV    | (ISP-SPI)                   | (138)        |
| Atmel | ATmega169PV    | [MLF64]                     | (559)        |
| Atmel | ATmega169PV    | [TQFP64]                    | (103)        |
| Atmel | ATmega169V     | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega169V     | (ISP-SPI)                   | (138)        |
| Atmel | ATmega169V     | [MLF64]                     | (559)        |
| Atmel | ATmega169V     | [TQFP64]                    | (103)        |
| Atmel | ATmega16A      | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega16A      | (ISP-SPI)                   | (138)        |
| Atmel | ATmega16A      | [MLF44]                     | (231)        |
| Atmel | ATmega16A      | [TQFP44]                    | (94)         |
| Atmel | ATmega16HVA    | (ISP-SPI)                   | (138)        |
| Atmel | ATmega16HVA    | [LGA36]                     | (2726)       |
| Atmel | ATmega16HVA    | [TSOP28]                    | (54)         |
| Atmel | ATmega16HVB    | (ISP-SPI)                   | (138)        |
| Atmel | ATmega16HVB    | [TSSOP44]                   | (1540)       |
| Atmel | ATmega16L      | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega16L      | (ISP-SPI)                   | (138)        |
| Atmel | ATmega16L      | [MLF44]                     | (231)        |
| Atmel | ATmega16L      | [TQFP44]                    | (94)         |
| Atmel | ATmega16M1     | (ISP-SPI)                   | (138)        |
| Atmel | ATmega16M1     | (ISP-SPI)(Enhanced)         | (138)        |
| Atmel | ATmega16M1     | [QFN32]                     | (1080)       |
| Atmel | ATmega16M1     | [TQFP32]                    | (159)        |
| Atmel | ATmega16U2     | (ISP-SPI)                   | (138)        |
| Atmel | ATmega16U2     | [QFN32]                     | (221)        |
| Atmel | ATmega16U2     | [TQFP32]                    | (159)        |
| Atmel | ATmega16U4     | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega16U4     | (ISP-SPI)                   | (138)        |
| Atmel | ATmega16U4     | [QFN44]                     | (231)        |
| Atmel | ATmega16U4     | [TQFP44]                    | (94)         |
| Atmel | ATmega16U4RC   | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega16U4RC   | (ISP-SPI)                   | (138)        |
| Atmel | ATmega16U4RC   | [QFN44]                     | (231)        |
| Atmel | ATmega16U4RC   | [TQFP44]                    | (94)         |
| Atmel | ATmega2560     | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega2560     | (ISP-SPI)                   | (138)        |
| Atmel | ATmega2560     | (ISP-SPI)(Enhanced)         | (138) (9997) |
| Atmel | ATmega2560     | [CBGA100]                   | (1031)       |
| Atmel | ATmega2560     | [TQFP100]                   | (560)        |
| Atmel | ATmega2560V    | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega2560V    | (ISP-SPI)                   | (138)        |
| Atmel | ATmega2560V    | (ISP-SPI)(Enhanced)         | (138) (9997) |
| Atmel | ATmega2560V    | [CBGA100]                   | (1031)       |
| Atmel | ATmega2560V    | [TQFP100]                   | (560)        |
| Atmel | ATmega2561     | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega2561     | (ISP-SPI)                   | (138)        |
| Atmel | ATmega2561     | (ISP-SPI)(Enhanced)         | (138) (9997) |
| Atmel | ATmega2561     | [MLF64]                     | (559)        |
| Atmel | ATmega2561     | [TQFP64]                    | (103)        |
| Atmel | ATmega2561V    | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega2561V    | (ISP-SPI)                   | (138)        |
| Atmel | ATmega2561V    | (ISP-SPI)(Enhanced)         | (138) (9997) |
| Atmel | ATmega2561V    | [MLF64]                     | (559)        |
| Atmel | ATmega2561V    | [TQFP64]                    | (103)        |
| Atmel | ATmega2564RFR2 | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega2564RFR2 | (ISP-SPI)                   | (138)        |
| Atmel | ATmega2564RFR2 | [VQFN48]                    | (567)        |
| Atmel | ATmega256RFR2  | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega256RFR2  | (ISP-SPI)                   | (138)        |
| Atmel | ATmega256RFR2  | [QFN64]                     | (2385)       |
| Atmel | ATmega32       | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega32       | (ISP-SPI)                   | (138)        |
| Atmel | ATmega32       | [MLF44]                     | (231)        |
| Atmel | ATmega32       | [TQFP44]                    | (94)         |
| Atmel | ATmega3208     | (ISP-UPDI)                  | (138) (9997) |
| Atmel | ATmega3208     | [QFN32]                     | (4740)       |
| Atmel | ATmega3208     | [QFP32]                     | (4739)       |
| Atmel | ATmega3208     | [SSOP28]                    | (4741)       |
| Atmel | ATmega3209     | (ISP-UPDI)                  | (138) (9997) |
| Atmel | ATmega3209     | [QFN48]                     | (5043)       |
| Atmel | ATmega3209     | [QFP48]                     | (4738)       |
| Atmel | ATmega323      | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega323      | (ISP-SPI)                   | (138)        |
| Atmel | ATmega323      | [TQFP44]                    | (94)         |
| Atmel | ATmega323L     | (ISP-JTAG)                  | (138)        |
| Atmel | ATmega323L     | (ISP-SPI)                   | (138)        |

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|-------|------------------------------------|--------|
| Atmel | ATmega323L [TQFP44]                | (94)   |
| Atmel | ATmega324                          |        |
| Atmel | ATmega324 (ISP-JTAG)               | (138)  |
| Atmel | ATmega324 (ISP-SPI)                | (138)  |
| Atmel | ATmega324 [MLF44]                  | (231)  |
| Atmel | ATmega324 [TQFP44]                 | (94)   |
| Atmel | ATmega324A                         |        |
| Atmel | ATmega324A (ISP-JTAG)              | (138)  |
| Atmel | ATmega324A (ISP-SPI)               | (138)  |
| Atmel | ATmega324A [DRQFN44]               | (2668) |
| Atmel | ATmega324A [MLF44]                 | (231)  |
| Atmel | ATmega324A [TQFP44]                | (94)   |
| Atmel | ATmega324A [VF8GA49]               | (2139) |
| Atmel | ATmega324P                         |        |
| Atmel | ATmega324P (ISP-JTAG)              | (138)  |
| Atmel | ATmega324P (ISP-SPI)               | (138)  |
| Atmel | ATmega324P [MLF44]                 | (231)  |
| Atmel | ATmega324P [TQFP44]                | (94)   |
| Atmel | ATmega324PA                        |        |
| Atmel | ATmega324PA (ISP-JTAG)             | (138)  |
| Atmel | ATmega324PA (ISP-SPI)              | (138)  |
| Atmel | ATmega324PA [DRQFN44]              | (2668) |
| Atmel | ATmega324PA [MLF44]                | (231)  |
| Atmel | ATmega324PA [TQFP44]               | (94)   |
| Atmel | ATmega324PA [VF8GA49]              | (2139) |
| Atmel | ATmega324P-B (ISP-JTAG)            | (138)  |
| Atmel | ATmega324P-B (ISP-SPI)             | (138)  |
| Atmel | ATmega324PB [MLF44]                | (231)  |
| Atmel | ATmega324P-B [MLF44]               | (231)  |
| Atmel | ATmega324PB [TQFP44]               | (94)   |
| Atmel | ATmega324P-B [TQFP44]              | (94)   |
| Atmel | ATmega324PV                        |        |
| Atmel | ATmega324PV (ISP-JTAG)             | (138)  |
| Atmel | ATmega324PV (ISP-SPI)              | (138)  |
| Atmel | ATmega324PV [MLF44]                | (231)  |
| Atmel | ATmega324PV [TQFP44]               | (94)   |
| Atmel | ATmega324V                         |        |
| Atmel | ATmega324V (ISP-JTAG)              | (138)  |
| Atmel | ATmega324V (ISP-SPI)               | (138)  |
| Atmel | ATmega324V [MLF44]                 | (231)  |
| Atmel | ATmega324V [TQFP44]                | (94)   |
| Atmel | ATmega325 (ISP-JTAG)               | (138)  |
| Atmel | ATmega325 (ISP-SPI)                | (138)  |
| Atmel | ATmega325 [MLF64]                  | (559)  |
| Atmel | ATmega325 [TQFP64]                 | (103)  |
| Atmel | ATmega3250 (ISP-JTAG)              | (138)  |
| Atmel | ATmega3250 (ISP-SPI)               | (138)  |
| Atmel | ATmega3250 [TQFP100]               | (560)  |
| Atmel | ATmega3250A (ISP-JTAG)             | (138)  |
| Atmel | ATmega3250A (ISP-SPI)              | (138)  |
| Atmel | ATmega3250A [TQFP100]              | (560)  |
| Atmel | ATmega3250P (ISP-JTAG)             | (138)  |
| Atmel | ATmega3250P (ISP-SPI)              | (138)  |
| Atmel | ATmega3250P [TQFP100]              | (560)  |
| Atmel | ATmega3250PA (ISP-JTAG)            | (138)  |
| Atmel | ATmega3250PA (ISP-SPI)             | (138)  |
| Atmel | ATmega3250PA [TQFP100]             | (560)  |
| Atmel | ATmega3250PV (ISP-JTAG)            | (138)  |
| Atmel | ATmega3250PV (ISP-SPI)             | (138)  |
| Atmel | ATmega3250PV [TQFP100]             | (560)  |
| Atmel | ATmega3250V (ISP-JTAG)             | (138)  |
| Atmel | ATmega3250V (ISP-SPI)              | (138)  |
| Atmel | ATmega3250V [TQFP100]              | (560)  |
| Atmel | ATmega325A (ISP-JTAG)              | (138)  |
| Atmel | ATmega325A (ISP-SPI)               | (138)  |
| Atmel | ATmega325A [MLF64]                 | (559)  |
| Atmel | ATmega325A [TQFP64]                | (103)  |
| Atmel | ATmega325P (ISP-JTAG)              | (138)  |
| Atmel | ATmega325P (ISP-SPI)               | (138)  |
| Atmel | ATmega325P [MLF64]                 | (559)  |
| Atmel | ATmega325P [TQFP64]                | (103)  |
| Atmel | ATmega325PA (ISP-JTAG)             | (138)  |
| Atmel | ATmega325PA (ISP-SPI)              | (138)  |
| Atmel | ATmega325PA [MLF64]                | (559)  |
| Atmel | ATmega325PA [TQFP64]               | (103)  |
| Atmel | ATmega325PV (ISP-JTAG)             | (138)  |
| Atmel | ATmega325PV (ISP-SPI)              | (138)  |
| Atmel | ATmega325PV [MLF64]                | (559)  |
| Atmel | ATmega325PV [TQFP64]               | (103)  |
| Atmel | ATmega325V (ISP-JTAG)              | (138)  |
| Atmel | ATmega325V (ISP-SPI)               | (138)  |
| Atmel | ATmega325V [MLF64]                 | (559)  |
| Atmel | ATmega325V [TQFP64]                | (103)  |
| Atmel | ATmega328                          |        |
| Atmel | ATmega328 (ISP-SPI)                | (138)  |
| Atmel | ATmega328 [MLF28]                  | (1005) |
| Atmel | ATmega328 [MLF32]                  | (221)  |
| Atmel | ATmega328 [MLF32] (NC pins 3,6)    | (221)  |
| Atmel | ATmega328 [TQFP32]                 | (159)  |
| Atmel | ATmega328 [TQFP32] (NC pins 3,6)   | (159)  |
| Atmel | ATmega328P                         |        |
| Atmel | ATmega328P (ISP-SPI)               | (138)  |
| Atmel | ATmega328P [MLF28]                 | (1005) |
| Atmel | ATmega328P [MLF32]                 | (221)  |
| Atmel | ATmega328P [MLF32] (NC pins 3,6)   | (221)  |
| Atmel | ATmega328P [TQFP32]                | (159)  |
| Atmel | ATmega328P [TQFP32] (NC pins 3,6)  | (159)  |
| Atmel | ATmega328PB (ISP-SPI)              | (138)  |
| Atmel | ATmega328PB [MLF32]                | (221)  |
| Atmel | ATmega328PB [MLF32] (OSCCAL@5V)    | (5023) |
| Atmel | ATmega328PB [TQFP32]               | (159)  |
| Atmel | ATmega328PV                        |        |
| Atmel | ATmega328PV (ISP-SPI)              | (138)  |
| Atmel | ATmega328PV [MLF28]                | (1005) |
| Atmel | ATmega328PV [MLF32]                | (221)  |
| Atmel | ATmega328PV [MLF32] (NC pins 3,6)  | (221)  |
| Atmel | ATmega328PV [TQFP32]               | (159)  |
| Atmel | ATmega328PV [TQFP32] (NC pins 3,6) | (159)  |
| Atmel | ATmega328V                         |        |
| Atmel | ATmega328V (ISP-SPI)               | (138)  |
| Atmel | ATmega328V [MLF28]                 | (1005) |
| Atmel | ATmega328V [MLF32]                 | (221)  |
| Atmel | ATmega328V [MLF32] (NC pins 3,6)   | (221)  |
| Atmel | ATmega328V [TQFP32]                | (159)  |
| Atmel | ATmega328V [TQFP32] (NC pins 3,6)  | (159)  |
| Atmel | ATmega329 (ISP-JTAG)               | (138)  |
| Atmel | ATmega329 (ISP-SPI)                | (138)  |
| Atmel | ATmega329 [MLF64]                  | (559)  |
| Atmel | ATmega329 [TQFP64]                 | (103)  |
| Atmel | ATmega3290 (ISP-JTAG)              | (138)  |
| Atmel | ATmega3290 (ISP-SPI)               | (138)  |
| Atmel | ATmega3290 [TQFP100]               | (560)  |
| Atmel | ATmega3290A (ISP-JTAG)             | (138)  |
| Atmel | ATmega3290A (ISP-SPI)              | (138)  |
| Atmel | ATmega3290A [TQFP100]              | (560)  |
| Atmel | ATmega3290P (ISP-JTAG)             | (138)  |
| Atmel | ATmega3290P (ISP-SPI)              | (138)  |
| Atmel | ATmega3290P [TQFP100]              | (560)  |

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|-------|-----------------------------------|--------------|
| Atmel | ATmega3290PA (ISP-JTAG)           | (138)        |
| Atmel | ATmega3290PA (ISP-SPI)            | (138)        |
| Atmel | ATmega3290PA [TQFP100]            | (560)        |
| Atmel | ATmega3290PV (ISP-JTAG)           | (138)        |
| Atmel | ATmega3290PV (ISP-SPI)            | (138)        |
| Atmel | ATmega3290PV [TQFP100]            | (560)        |
| Atmel | ATmega3290V (ISP-JTAG)            | (138)        |
| Atmel | ATmega3290V (ISP-SPI)             | (138)        |
| Atmel | ATmega3290V [TQFP100]             | (560)        |
| Atmel | ATmega329A (ISP-JTAG)             | (138)        |
| Atmel | ATmega329A (ISP-SPI)              | (138)        |
| Atmel | ATmega329A [MLF64]                | (559)        |
| Atmel | ATmega329A [TQFP64]               | (103)        |
| Atmel | ATmega329P (ISP-JTAG)             | (138)        |
| Atmel | ATmega329P (ISP-SPI)              | (138)        |
| Atmel | ATmega329P [MLF64]                | (559)        |
| Atmel | ATmega329P [TQFP64]               | (103)        |
| Atmel | ATmega329PA (ISP-JTAG)            | (138)        |
| Atmel | ATmega329PA (ISP-SPI)             | (138)        |
| Atmel | ATmega329PA [MLF64]               | (559)        |
| Atmel | ATmega329PA [TQFP64]              | (103)        |
| Atmel | ATmega329PV (ISP-JTAG)            | (138)        |
| Atmel | ATmega329PV (ISP-SPI)             | (138)        |
| Atmel | ATmega329PV [MLF64]               | (559)        |
| Atmel | ATmega329PV [TQFP64]              | (103)        |
| Atmel | ATmega329V (ISP-JTAG)             | (138)        |
| Atmel | ATmega329V (ISP-SPI)              | (138)        |
| Atmel | ATmega329V [MLF64]                | (559)        |
| Atmel | ATmega329V [TQFP64]               | (103)        |
| Atmel | ATmega32A                         |              |
| Atmel | ATmega32A (ISP-JTAG)              | (138)        |
| Atmel | ATmega32A (ISP-SPI)               | (138)        |
| Atmel | ATmega32A [MLF44]                 | (231)        |
| Atmel | ATmega32A [TQFP44]                | (94)         |
| Atmel | ATmega32C1 (ISP-SPI)              | (138)        |
| Atmel | ATmega32C1 (ISP-SPI) (Enhanced)   | (138)        |
| Atmel | ATmega32C1 [QFN32]                | (1080)       |
| Atmel | ATmega32C1 [TQFP32]               | (159)        |
| Atmel | ATmega32HVB (ISP-SPI)             | (138)        |
| Atmel | ATmega32HVB [TSSOP44]             | (1540)       |
| Atmel | ATmega32L                         |              |
| Atmel | ATmega32L (ISP-JTAG)              | (138)        |
| Atmel | ATmega32L (ISP-SPI)               | (138)        |
| Atmel | ATmega32L [MLF44]                 | (231)        |
| Atmel | ATmega32L [TQFP44]                | (94)         |
| Atmel | ATmega32M1 (ISP-SPI)              | (138)        |
| Atmel | ATmega32M1 (ISP-SPI) (Enhanced)   | (138) (9997) |
| Atmel | ATmega32M1 [QFN32]                | (1080)       |
| Atmel | ATmega32M1 [TQFP32]               | (159)        |
| Atmel | ATmega32U2 (ISP-SPI)              | (138)        |
| Atmel | ATmega32U2 [QFN32]                | (221)        |
| Atmel | ATmega32U2 [TQFP32]               | (159)        |
| Atmel | ATmega32U4 (ISP-JTAG)             | (138)        |
| Atmel | ATmega32U4 (ISP-SPI)              | (138)        |
| Atmel | ATmega32U4 [QFN44]                | (231)        |
| Atmel | ATmega32U4 [TQFP44]               | (94)         |
| Atmel | ATmega32U4RC (ISP-JTAG)           | (138)        |
| Atmel | ATmega32U4RC (ISP-SPI)            | (138)        |
| Atmel | ATmega32U4RC [QFN44]              | (231)        |
| Atmel | ATmega32U4RC [TQFP44]             | (94)         |
| Atmel | ATmega32U6 (ISP-JTAG)             | (138)        |
| Atmel | ATmega32U6 (ISP-SPI)              | (138)        |
| Atmel | ATmega32U6 [QFN64]                | (559)        |
| Atmel | ATmega32U6 [TQFP64]               | (103)        |
| Atmel | ATmega406 (ISP-JTAG)              | (138)        |
| Atmel | ATmega406 [LQFP48]                | (174)        |
| Atmel | ATmega48                          |              |
| Atmel | ATmega48 (ISP-SPI)                | (138)        |
| Atmel | ATmega48 [MLF28]                  | (1005)       |
| Atmel | ATmega48 [MLF32]                  | (221)        |
| Atmel | ATmega48 [MLF32] (NC pins 3,6)    | (221)        |
| Atmel | ATmega48 [TQFP32]                 | (159)        |
| Atmel | ATmega48 [TQFP32] (NC pins 3,6)   | (159)        |
| Atmel | ATmega4808 (ISP-UPDI)             | (138) (9997) |
| Atmel | ATmega4808 [QFN32]                | (4740)       |
| Atmel | ATmega4808 [QFP32]                | (4739)       |
| Atmel | ATmega4808 [SSOP28]               | (4741)       |
| Atmel | ATmega4809 (ISP-UPDI)             | (138) (9997) |
| Atmel | ATmega4809 [QFN48]                | (5043)       |
| Atmel | ATmega4809 [QFP48]                | (4738)       |
| Atmel | ATmega48A                         |              |
| Atmel | ATmega48A (ISP-SPI)               | (138)        |
| Atmel | ATmega48A [MLF28]                 | (1005)       |
| Atmel | ATmega48A [MLF32]                 | (221)        |
| Atmel | ATmega48A [MLF32] (NC pins 3,6)   | (221)        |
| Atmel | ATmega48A [TQFP32]                | (159)        |
| Atmel | ATmega48A [TQFP32] (NC pins 3,6)  | (159)        |
| Atmel | ATmega48A [UFPGA32]               | (2141)       |
| Atmel | ATmega48P                         |              |
| Atmel | ATmega48P (ISP-SPI)               | (138)        |
| Atmel | ATmega48P [MLF28]                 | (1005)       |
| Atmel | ATmega48P [MLF32]                 | (221)        |
| Atmel | ATmega48P [MLF32] (NC pins 3,6)   | (221)        |
| Atmel | ATmega48P [TQFP32]                | (159)        |
| Atmel | ATmega48P [TQFP32] (NC pins 3,6)  | (159)        |
| Atmel | ATmega48PA                        |              |
| Atmel | ATmega48PA (ISP-SPI)              | (138)        |
| Atmel | ATmega48PA [MLF28]                | (1005)       |
| Atmel | ATmega48PA [MLF32]                | (221)        |
| Atmel | ATmega48PA [MLF32] (NC pins 3,6)  | (221)        |
| Atmel | ATmega48PA [TQFP32]               | (159)        |
| Atmel | ATmega48PA [TQFP32] (NC pins 3,6) | (159)        |
| Atmel | ATmega48PA [UFPGA32]              | (2141)       |
| Atmel | ATmega48PB (ISP-SPI)              | (138)        |
| Atmel | ATmega48PB [MLF32]                | (221)        |
| Atmel | ATmega48PB [TQFP32]               | (159)        |
| Atmel | ATmega48PV                        |              |
| Atmel | ATmega48PV (ISP-SPI)              | (138)        |
| Atmel | ATmega48PV [MLF28]                | (1005)       |
| Atmel | ATmega48PV [MLF32]                | (221)        |
| Atmel | ATmega48PV [MLF32] (NC pins 3,6)  | (221)        |
| Atmel | ATmega48PV [TQFP32]               | (159)        |
| Atmel | ATmega48PV [TQFP32] (NC pins 3,6) | (159)        |
| Atmel | ATmega48V                         |              |
| Atmel | ATmega48V (ISP-SPI)               | (138)        |
| Atmel | ATmega48V [MLF28]                 | (1005)       |
| Atmel | ATmega48V [MLF32]                 | (221)        |
| Atmel | ATmega48V [MLF32] (NC pins 3,6)   | (221)        |
| Atmel | ATmega48V [TQFP32]                | (159)        |
| Atmel | ATmega48V [TQFP32] (NC pins 3,6)  | (159)        |
| Atmel | ATmega603 (ISP-SPI)               | (138)        |
| Atmel | ATmega603 [TQFP64]                | (103)        |
| Atmel | ATmega603L (ISP-SPI)              | (138)        |
| Atmel | ATmega603L [TQFP64]               | (103)        |
| Atmel | ATmega64 (ISP-JTAG)               | (138)        |
| Atmel | ATmega64 (ISP-SPI)                | (138)        |
| Atmel | ATmega64 (ISP-SPI) (Enhanced)     | (138) (9997) |
| Atmel | ATmega64 [MLF64]                  | (559)        |

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| Atmel | ATmega64 [TQFP64]                 | (103)        |
| Atmel | ATmega640 (ISP-JTAG)              | (138)        |
| Atmel | ATmega640 (ISP-SPI)               | (138)        |
| Atmel | ATmega640 (ISP-SPI) (Enhanced)    | (138) (9997) |
| Atmel | ATmega640 [CBGA100]               | (1031)       |
| Atmel | ATmega640 [TQFP100]               | (560)        |
| Atmel | ATmega640V (ISP-JTAG)             | (138)        |
| Atmel | ATmega640V (ISP-SPI)              | (138)        |
| Atmel | ATmega640V (ISP-SPI) (Enhanced)   | (138) (9997) |
| Atmel | ATmega640V [CBGA100]              | (1031)       |
| Atmel | ATmega640V [TQFP100]              | (560)        |
| Atmel | ATmega644                         |              |
| Atmel | ATmega644 (ISP-JTAG)              | (138)        |
| Atmel | ATmega644 (ISP-SPI)               | (138)        |
| Atmel | ATmega644 (ISP-SPI) (Enhanced)    | (138) (9997) |
| Atmel | ATmega644 (ISP-SPI) (OSCCAL)      | (138) (9997) |
| Atmel | ATmega644 [MLF44]                 | (231)        |
| Atmel | ATmega644 [TQFP44]                | (94)         |
| Atmel | ATmega644A                        |              |
| Atmel | ATmega644A (ISP-JTAG)             | (138)        |
| Atmel | ATmega644A (ISP-SPI)              | (138)        |
| Atmel | ATmega644A (ISP-SPI) (Enhanced)   | (138) (9997) |
| Atmel | ATmega644A [MLF44]                | (231)        |
| Atmel | ATmega644A [TQFP44]               | (94)         |
| Atmel | ATmega644P                        |              |
| Atmel | ATmega644P (ISP-JTAG)             | (138)        |
| Atmel | ATmega644P (ISP-SPI)              | (138)        |
| Atmel | ATmega644P (ISP-SPI) (Enhanced)   | (138) (9997) |
| Atmel | ATmega644P [MLF44]                | (231)        |
| Atmel | ATmega644P [TQFP44]               | (94)         |
| Atmel | ATmega644PA                       |              |
| Atmel | ATmega644PA (ISP-JTAG)            | (138)        |
| Atmel | ATmega644PA (ISP-SPI)             | (138)        |
| Atmel | ATmega644PA (ISP-SPI) (Enhanced)  | (138) (9997) |
| Atmel | ATmega644PA (ISP-SPI) (SEM-1)     | (138) (9999) |
| Atmel | ATmega644PA [MLF44]               | (231)        |
| Atmel | ATmega644PA [MLF44] (SEM-1)       | (231) (9999) |
| Atmel | ATmega644PA [TQFP44]              | (94)         |
| Atmel | ATmega644P-B (ISP-JTAG)           | (138)        |
| Atmel | ATmega644P-B (ISP-SPI)            | (138)        |
| Atmel | ATmega644P-B (ISP-SPI) (Enhanced) | (138) (9997) |
| Atmel | ATmega644P-B [MLF44]              | (231)        |
| Atmel | ATmega644P-B [TQFP44]             | (94)         |
| Atmel | ATmega644PV                       |              |
| Atmel | ATmega644PV (ISP-JTAG)            | (138)        |
| Atmel | ATmega644PV (ISP-SPI)             | (138)        |
| Atmel | ATmega644PV (ISP-SPI) (Enhanced)  | (138) (9997) |
| Atmel | ATmega644PV (ISP-SPI) (OSCCAL)    | (138)        |
| Atmel | ATmega644PV [MLF44]               | (231)        |
| Atmel | ATmega644PV [TQFP44]              | (94)         |
| Atmel | ATmega644RFR2 (ISP-JTAG)          | (138)        |
| Atmel | ATmega644RFR2 (ISP-SPI)           | (138)        |
| Atmel | ATmega644RFR2 [VQFN48]            | (567)        |
| Atmel | ATmega644V                        |              |
| Atmel | ATmega644V (ISP-JTAG)             | (138)        |
| Atmel | ATmega644V (ISP-SPI)              | (138)        |
| Atmel | ATmega644V (ISP-SPI) (Enhanced)   | (138) (9997) |
| Atmel | ATmega644V [MLF44]                | (231)        |
| Atmel | ATmega644V [TQFP44]               | (94)         |
| Atmel | ATmega645 (ISP-JTAG)              | (138)        |
| Atmel | ATmega645 (ISP-SPI)               | (138)        |
| Atmel | ATmega645 [MLF64]                 | (559)        |
| Atmel | ATmega645 [TQFP64]                | (103)        |
| Atmel | ATmega6450 (ISP-JTAG)             | (138)        |
| Atmel | ATmega6450 (ISP-SPI)              | (138)        |
| Atmel | ATmega6450 [TQFP100]              | (560)        |
| Atmel | ATmega6450A (ISP-JTAG)            | (138)        |
| Atmel | ATmega6450A (ISP-SPI)             | (138)        |
| Atmel | ATmega6450A [TQFP100]             | (560)        |
| Atmel | ATmega6450P (ISP-JTAG)            | (138)        |
| Atmel | ATmega6450P (ISP-SPI)             | (138)        |
| Atmel | ATmega6450P [TQFP100]             | (560)        |
| Atmel | ATmega6450V (ISP-JTAG)            | (138)        |
| Atmel | ATmega6450V (ISP-SPI)             | (138)        |
| Atmel | ATmega6450V [TQFP100]             | (560)        |
| Atmel | ATmega645A (ISP-JTAG)             | (138)        |
| Atmel | ATmega645A (ISP-SPI)              | (138)        |
| Atmel | ATmega645A [MLF64]                | (559)        |
| Atmel | ATmega645A [TQFP64]               | (103)        |
| Atmel | ATmega645P (ISP-JTAG)             | (138)        |
| Atmel | ATmega645P (ISP-SPI)              | (138)        |
| Atmel | ATmega645P [MLF64]                | (559)        |
| Atmel | ATmega645P [TQFP64]               | (103)        |
| Atmel | ATmega645V (ISP-JTAG)             | (138)        |
| Atmel | ATmega645V (ISP-SPI)              | (138)        |
| Atmel | ATmega645V [MLF64]                | (559)        |
| Atmel | ATmega645V [TQFP64]               | (103)        |
| Atmel | ATmega649 (ISP-JTAG)              | (138)        |
| Atmel | ATmega649 (ISP-SPI)               | (138)        |
| Atmel | ATmega649 [MLF64]                 | (559)        |
| Atmel | ATmega649 [TQFP64]                | (103)        |
| Atmel | ATmega6490 (ISP-JTAG)             | (138)        |
| Atmel | ATmega6490 (ISP-SPI)              | (138)        |
| Atmel | ATmega6490 [TQFP100]              | (560)        |
| Atmel | ATmega6490P (ISP-JTAG)            | (138)        |
| Atmel | ATmega6490P (ISP-SPI)             | (138)        |
| Atmel | ATmega6490P [TQFP100]             | (560)        |
| Atmel | ATmega6490V (ISP-JTAG)            | (138)        |
| Atmel | ATmega6490V (ISP-SPI)             | (138)        |
| Atmel | ATmega6490V [TQFP100]             | (560)        |
| Atmel | ATmega649A (ISP-JTAG)             | (138)        |
| Atmel | ATmega649A (ISP-SPI)              | (138)        |
| Atmel | ATmega649A [MLF64]                | (559)        |
| Atmel | ATmega649A [TQFP64]               | (103)        |
| Atmel | ATmega649P (ISP-JTAG)             | (138)        |
| Atmel | ATmega649P (ISP-SPI)              | (138)        |
| Atmel | ATmega649P [MLF64]                | (559)        |
| Atmel | ATmega649P [TQFP64]               | (103)        |
| Atmel | ATmega649V (ISP-JTAG)             | (138)        |
| Atmel | ATmega649V (ISP-SPI)              | (138)        |
| Atmel | ATmega649V [MLF64]                | (559)        |
| Atmel | ATmega649V [TQFP64]               | (103)        |
| Atmel | ATmega64A (ISP-JTAG)              | (138)        |
| Atmel | ATmega64A (ISP-SPI)               | (138)        |
| Atmel | ATmega64A (ISP-SPI) (Enhanced)    | (138) (9997) |
| Atmel | ATmega64A [MLF64]                 | (559)        |
| Atmel | ATmega64A [TQFP64]                | (103)        |
| Atmel | ATmega64C1 (ISP-SPI)              | (138)        |
| Atmel | ATmega64C1 (ISP-SPI) (Enhanced)   | (138)        |
| Atmel | ATmega64C1 [QFN32]                | (1080)       |
| Atmel | ATmega64C1 [TQFP32]               | (159)        |
| Atmel | ATmega64L (ISP-JTAG)              | (138)        |
| Atmel | ATmega64L (ISP-SPI)               | (138)        |
| Atmel | ATmega64L (ISP-SPI) (Enhanced)    | (138) (9997) |
| Atmel | ATmega64L [MLF64]                 | (559)        |



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| Atmel | ATmega64L [TQFP64]                | (103)        |
| Atmel | ATmega64M1 (ISP-SPI)              | (138)        |
| Atmel | ATmega64M1 (ISP-SPI) (Enhanced)   | (138) (9997) |
| Atmel | ATmega64M1 [QFN32]                | (1080)       |
| Atmel | ATmega64M1 [TQFP32]               | (159)        |
| Atmel | ATmega64RFR2 (ISP-JTAG)           | (138)        |
| Atmel | ATmega64RFR2 (ISP-SPI)            | (138)        |
| Atmel | ATmega64RFR2 [QFN64]              | (2385)       |
| Atmel | ATmega8                           |              |
| Atmel | ATmega8 (ISP-SPI)                 | (138)        |
| Atmel | ATmega8 [MLF32]                   | (221)        |
| Atmel | ATmega8 [TQFP32]                  | (159)        |
| Atmel | ATmega808 [QFN32]                 | (4740)       |
| Atmel | ATmega808 [QFP32]                 | (4739)       |
| Atmel | ATmega808 [SSOP28]                | (4741)       |
| Atmel | ATmega809 [QFN48]                 | (5043)       |
| Atmel | ATmega809 [QFP48]                 | (4738)       |
| Atmel | ATmega8515                        |              |
| Atmel | ATmega8515 (ISP-SPI)              | (138)        |
| Atmel | ATmega8515 [MLF44]                | (231)        |
| Atmel | ATmega8515 [PLCC44]               | (67)         |
| Atmel | ATmega8515 [TQFP44]               | (94)         |
| Atmel | ATmega8515L                       |              |
| Atmel | ATmega8515L (ISP-SPI)             | (138)        |
| Atmel | ATmega8515L [MLF44]               | (231)        |
| Atmel | ATmega8515L [PLCC44]              | (67)         |
| Atmel | ATmega8515L [TQFP44]              | (94)         |
| Atmel | ATmega8535                        |              |
| Atmel | ATmega8535 (ISP-SPI)              | (138)        |
| Atmel | ATmega8535 [MLF44]                | (231)        |
| Atmel | ATmega8535 [PLCC44]               | (67)         |
| Atmel | ATmega8535 [TQFP44]               | (94)         |
| Atmel | ATmega8535L                       |              |
| Atmel | ATmega8535L (ISP-SPI)             | (138)        |
| Atmel | ATmega8535L [MLF44]               | (231)        |
| Atmel | ATmega8535L [PLCC44]              | (67)         |
| Atmel | ATmega8535L [TQFP44]              | (94)         |
| Atmel | ATmega88                          |              |
| Atmel | ATmega88 (ISP-SPI)                | (138)        |
| Atmel | ATmega88 [MLF32]                  | (221)        |
| Atmel | ATmega88 [MLF32] (NC pins 3,6)    | (221)        |
| Atmel | ATmega88 [TQFP32]                 | (159)        |
| Atmel | ATmega88 [TQFP32] (NC pins 3,6)   | (159)        |
| Atmel | ATmega88A                         |              |
| Atmel | ATmega88A (ISP-SPI)               | (138)        |
| Atmel | ATmega88A [MLF28]                 | (1005)       |
| Atmel | ATmega88A [MLF32]                 | (221)        |
| Atmel | ATmega88A [MLF32] (NC pins 3,6)   | (221)        |
| Atmel | ATmega88A [TQFP32]                | (159)        |
| Atmel | ATmega88A [TQFP32] (NC pins 3,6)  | (159)        |
| Atmel | ATmega88A [UFPGA32]               | (2141)       |
| Atmel | ATmega88P                         |              |
| Atmel | ATmega88P (ISP-SPI)               | (138)        |
| Atmel | ATmega88P [MLF32]                 | (221)        |
| Atmel | ATmega88P [MLF32] (NC pins 3,6)   | (221)        |
| Atmel | ATmega88P [TQFP32]                | (159)        |
| Atmel | ATmega88P [TQFP32] (NC pins 3,6)  | (159)        |
| Atmel | ATmega88PA                        |              |
| Atmel | ATmega88PA (ISP-SPI)              | (138)        |
| Atmel | ATmega88PA [MLF28]                | (1005)       |
| Atmel | ATmega88PA [MLF32]                | (221)        |
| Atmel | ATmega88PA [MLF32] (NC pins 3,6)  | (221)        |
| Atmel | ATmega88PA [TQFP32]               | (159)        |
| Atmel | ATmega88PA [TQFP32] (NC pins 3,6) | (159)        |
| Atmel | ATmega88PA [UFPGA32]              | (2141)       |
| Atmel | ATmega88PB (ISP-SPI)              | (138)        |
| Atmel | ATmega88PB [MLF32]                | (221)        |
| Atmel | ATmega88PB [TQFP32]               | (159)        |
| Atmel | ATmega88PV                        |              |
| Atmel | ATmega88PV (ISP-SPI)              | (138)        |
| Atmel | ATmega88PV [MLF32]                | (221)        |
| Atmel | ATmega88PV [MLF32] (NC pins 3,6)  | (221)        |
| Atmel | ATmega88PV [TQFP32]               | (159)        |
| Atmel | ATmega88PV [TQFP32] (NC pins 3,6) | (159)        |
| Atmel | ATmega88V                         |              |
| Atmel | ATmega88V (ISP-SPI)               | (138)        |
| Atmel | ATmega88V [MLF32]                 | (221)        |
| Atmel | ATmega88V [MLF32] (NC pins 3,6)   | (221)        |
| Atmel | ATmega88V [TQFP32]                | (159)        |
| Atmel | ATmega88V [TQFP32] (NC pins 3,6)  | (159)        |
| Atmel | ATmega8A                          |              |
| Atmel | ATmega8A (ISP-SPI)                | (138)        |
| Atmel | ATmega8A [MLF32]                  | (221)        |
| Atmel | ATmega8A [TQFP32]                 | (159)        |
| Atmel | ATmega8HVA (ISP-SPI)              | (138)        |
| Atmel | ATmega8HVA [LGA36]                | (2726)       |
| Atmel | ATmega8HVA [TSOP28]               | (54)         |
| Atmel | ATmega8L                          |              |
| Atmel | ATmega8L (ISP-SPI)                | (138)        |
| Atmel | ATmega8L [MLF32]                  | (221)        |
| Atmel | ATmega8L [TQFP32]                 | (159)        |
| Atmel | ATmega8U2 (ISP-SPI)               | (138)        |
| Atmel | ATmega8U2 [QFN32]                 | (221)        |
| Atmel | ATmega8U2 [TQFP32]                | (159)        |
| Atmel | ATSAM3A4CA [LQFP100]              | (2950)       |
| Atmel | ATSAM3A8CA [LQFP100]              | (2950)       |
| Atmel | ATSAM3N00AA [LQFP48]              | (1475)       |
| Atmel | ATSAM3N00AA [QFN48]               | (1476)       |
| Atmel | ATSAM3N00BA [LQFP64]              | (1473)       |
| Atmel | ATSAM3N00BA [QFN64]               | (1474)       |
| Atmel | ATSAM3N0AA [LQFP48]               | (1475)       |
| Atmel | ATSAM3N0AA [QFN48]                | (1476)       |
| Atmel | ATSAM3N0BA [LQFP64]               | (1473)       |
| Atmel | ATSAM3N0BA [QFN64]                | (1474)       |
| Atmel | ATSAM3N0CA [LQFP100]              | (1472)       |
| Atmel | ATSAM3N1AA [LQFP48]               | (1475)       |
| Atmel | ATSAM3N1AA [QFN48]                | (1476)       |
| Atmel | ATSAM3N1AB [LQFP48]               | (1475)       |
| Atmel | ATSAM3N1AB [QFN48]                | (1476)       |
| Atmel | ATSAM3N1BA [LQFP64]               | (1473)       |
| Atmel | ATSAM3N1BA [QFN64]                | (1474)       |
| Atmel | ATSAM3N1BB [LQFP64]               | (1473)       |
| Atmel | ATSAM3N1BB [QFN64]                | (1474)       |
| Atmel | ATSAM3N1CA [LQFP100]              | (1472)       |
| Atmel | ATSAM3N1CB [LQFP100]              | (1472)       |
| Atmel | ATSAM3N2AA [LQFP48]               | (1475)       |
| Atmel | ATSAM3N2AA [QFN48]                | (1476)       |
| Atmel | ATSAM3N2BA [LQFP64]               | (1473)       |
| Atmel | ATSAM3N2BA [QFN64]                | (1474)       |
| Atmel | ATSAM3N2CA [LQFP100]              | (1472)       |
| Atmel | ATSAM3N4AA [LQFP48]               | (1475)       |
| Atmel | ATSAM3N4AA [QFN48]                | (1476)       |
| Atmel | ATSAM3N4BA [LQFP64]               | (1473)       |
| Atmel | ATSAM3N4BA [QFN64]                | (1474)       |
| Atmel | ATSAM3N4CA [LQFP100]              | (1472)       |
| Atmel | ATSAM3S1AA (ISP)                  | (138) (9997) |
| Atmel | ATSAM3S1AA [LQFP48]               | (1475)       |
| Atmel | ATSAM3S1AA [QFN48]                | (1476)       |

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| Atmel | ATSAM3S1AB   | (ISP)      | (138) (9997) |
| Atmel | ATSAM3S1AB   | [LQFP48]   | (1475)       |
| Atmel | ATSAM3S1AB   | [QFN48]    | (1476)       |
| Atmel | ATSAM3S1BA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM3S1BA   | [LQFP64]   | (1473)       |
| Atmel | ATSAM3S1BA   | [QFN64]    | (1474)       |
| Atmel | ATSAM3S1BB   | (ISP)      | (138) (9997) |
| Atmel | ATSAM3S1BB   | [LQFP64]   | (1473)       |
| Atmel | ATSAM3S1BB   | [QFN64]    | (1474)       |
| Atmel | ATSAM3S1CA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM3S1CA   | [LQFP100]  | (1472)       |
| Atmel | ATSAM3S1CB   | (ISP)      | (138) (9997) |
| Atmel | ATSAM3S1CB   | [LQFP100]  | (1472)       |
| Atmel | ATSAM3S2AA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM3S2AA   | [LQFP48]   | (1475)       |
| Atmel | ATSAM3S2AA   | [QFN48]    | (1476)       |
| Atmel | ATSAM3S2BA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM3S2BA   | [LQFP64]   | (1473)       |
| Atmel | ATSAM3S2BA   | [QFN64]    | (1474)       |
| Atmel | ATSAM3S2CA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM3S2CA   | [LQFP100]  | (1472)       |
| Atmel | ATSAM3S4AA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM3S4AA   | [LQFP48]   | (1475)       |
| Atmel | ATSAM3S4AA   | [QFN48]    | (1476)       |
| Atmel | ATSAM3S4BA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM3S4BA   | [LQFP64]   | (1473)       |
| Atmel | ATSAM3S4BA   | [QFN64]    | (1474)       |
| Atmel | ATSAM3S4CA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM3S4CA   | [LQFP100]  | (1472)       |
| Atmel | ATSAM3S8BA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM3S8BA   | [LQFP64]   | (1473)       |
| Atmel | ATSAM3S8BA   | [QFN64]    | (1474)       |
| Atmel | ATSAM3S8CA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM3S8CA   | [LQFP100]  | (1472)       |
| Atmel | ATSAM3SD8BA  | (ISP)      | (138) (9997) |
| Atmel | ATSAM3SD8BA  | [LQFP64]   | (1473)       |
| Atmel | ATSAM3SD8BA  | [QFN64]    | (1474)       |
| Atmel | ATSAM3SD8CA  | (ISP)      | (138) (9997) |
| Atmel | ATSAM3SD8CA  | [LQFP100]  | (1472)       |
| Atmel | ATSAM3U1CA   | [LQFP100]  | (1429)       |
| Atmel | ATSAM3U1CA   | [TFBGA100] | (2976)       |
| Atmel | ATSAM3U1CB   | [LQFP100]  | (1429)       |
| Atmel | ATSAM3U1CB   | [TFBGA100] | (2976)       |
| Atmel | ATSAM3U1EA   | [LQFP144]  | (1428)       |
| Atmel | ATSAM3U1EB   | [LQFP144]  | (1428)       |
| Atmel | ATSAM3U2CA   | [LQFP100]  | (1429)       |
| Atmel | ATSAM3U2CA   | [TFBGA100] | (2976)       |
| Atmel | ATSAM3U2EA   | [LQFP144]  | (1428)       |
| Atmel | ATSAM3U4CA   | [LQFP100]  | (1429)       |
| Atmel | ATSAM3U4CA   | [TFBGA100] | (2976)       |
| Atmel | ATSAM3U4EA   | [LQFP144]  | (1428)       |
| Atmel | ATSAM3X4CA   | [LQFP100]  | (2950)       |
| Atmel | ATSAM3X4EA   | [LFBGA144] | (3031)       |
| Atmel | ATSAM3X4EA   | [LQFP144]  | (2986)       |
| Atmel | ATSAM3X8EA   | [LFBGA144] | (3031)       |
| Atmel | ATSAM3X8EA   | [LQFP144]  | (2986)       |
| Atmel | ATSAM4E16C   | [LQFP100]  | (3340)       |
| Atmel | ATSAM4E16E   | [LQFP144]  | (3341)       |
| Atmel | ATSAM4E8C    | [LQFP100]  | (3340)       |
| Atmel | ATSAM4E8E    | [LQFP144]  | (3341)       |
| Atmel | ATSAM4LC2AA  | [QFN48]    | (3401)       |
| Atmel | ATSAM4LC2CA  | (ISP)      | (138) (9997) |
| Atmel | ATSAM4LC2CA  | [TQFP100]  | (3397)       |
| Atmel | ATSAM4LC2CA  | [WLCSP64]  | (3766)       |
| Atmel | ATSAM4LC4AA  | [QFN48]    | (3401)       |
| Atmel | ATSAM4LC4CA  | (ISP)      | (138) (9997) |
| Atmel | ATSAM4LC4CA  | [TQFP100]  | (3397)       |
| Atmel | ATSAM4LC4CA  | [WLCSP64]  | (3766)       |
| Atmel | ATSAM4LC8AA  | [QFN48]    | (3401)       |
| Atmel | ATSAM4LC8CA  | (ISP)      | (138) (9997) |
| Atmel | ATSAM4LC8CA  | [TQFP100]  | (3397)       |
| Atmel | ATSAM4LC8CA  | [WLCSP64]  | (3766)       |
| Atmel | ATSAM4LS2AA  | [QFN48]    | (3401)       |
| Atmel | ATSAM4LS2CA  | (ISP)      | (138) (9997) |
| Atmel | ATSAM4LS2CA  | [TQFP100]  | (3397)       |
| Atmel | ATSAM4LS4AA  | [QFN48]    | (3401)       |
| Atmel | ATSAM4LS4CA  | (ISP)      | (138) (9997) |
| Atmel | ATSAM4LS4CA  | [TQFP100]  | (3397)       |
| Atmel | ATSAM4LS8AA  | [QFN48]    | (3401)       |
| Atmel | ATSAM4LS8CA  | (ISP)      | (138) (9997) |
| Atmel | ATSAM4LS8CA  | [TQFP100]  | (3397)       |
| Atmel | ATSAM4N16BA  | [LQFP64]   | (2998)       |
| Atmel | ATSAM4N16BA  | [QFN64]    | (3011)       |
| Atmel | ATSAM4N16CA  | [LQFP100]  | (2985)       |
| Atmel | ATSAM4N8AA   | [LQFP48]   | (4057)       |
| Atmel | ATSAM4N8BA   | [LQFP64]   | (2998)       |
| Atmel | ATSAM4N8BA   | [QFN64]    | (3011)       |
| Atmel | ATSAM4N8CA   | [LQFP100]  | (2985)       |
| Atmel | ATSAM4S16BA  | (ISP)      | (138) (9997) |
| Atmel | ATSAM4S16BA  | [LQFP64]   | (2998)       |
| Atmel | ATSAM4S16BA  | [QFN64]    | (3011)       |
| Atmel | ATSAM4S16CA  | (ISP)      | (138) (9997) |
| Atmel | ATSAM4S16CA  | [LQFP100]  | (2985)       |
| Atmel | ATSAM4S16CA  | [TFBGA100] | (3327)       |
| Atmel | ATSAM4S16CA  | [VFBGA100] | (4051)       |
| Atmel | ATSAM4S2AA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM4S2AA   | [LQFP48]   | (4057)       |
| Atmel | ATSAM4S2BA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM4S2BA   | [LQFP64]   | (2998)       |
| Atmel | ATSAM4S2BA   | [QFN64]    | (3011)       |
| Atmel | ATSAM4S2CA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM4S2CA   | [LQFP100]  | (2985)       |
| Atmel | ATSAM4S2CA   | [TFBGA100] | (3327)       |
| Atmel | ATSAM4S2CA   | [VFBGA100] | (4051)       |
| Atmel | ATSAM4S4AA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM4S4AA   | [LQFP48]   | (4057)       |
| Atmel | ATSAM4S4BA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM4S4BA   | [LQFP64]   | (2998)       |
| Atmel | ATSAM4S4BA   | [QFN64]    | (3011)       |
| Atmel | ATSAM4S4CA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM4S4CA   | [LQFP100]  | (2985)       |
| Atmel | ATSAM4S4CA   | [TFBGA100] | (3327)       |
| Atmel | ATSAM4S4CA   | [VFBGA100] | (4051)       |
| Atmel | ATSAM4S8BA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM4S8BA   | [LQFP64]   | (2998)       |
| Atmel | ATSAM4S8BA   | [QFN64]    | (3011)       |
| Atmel | ATSAM4S8CA   | (ISP)      | (138) (9997) |
| Atmel | ATSAM4S8CA   | [LQFP100]  | (2985)       |
| Atmel | ATSAM4S8CA   | [TFBGA100] | (3327)       |
| Atmel | ATSAM4S8CA   | [VFBGA100] | (4051)       |
| Atmel | ATSAM4SA16BA | (ISP)      | (138) (9997) |
| Atmel | ATSAM4SA16BA | [LQFP64]   | (2998)       |
| Atmel | ATSAM4SA16BA | [QFN64]    | (3011)       |
| Atmel | ATSAM4SA16CA | (ISP)      | (138) (9997) |
| Atmel | ATSAM4SA16CA | [LQFP100]  | (2985)       |
| Atmel | ATSAM4SA16CA | [TFBGA100] | (3327)       |
| Atmel | ATSAM4SA16CA | [VFBGA100] | (4051)       |
| Atmel | ATSAM4SD16BA | (ISP)      | (138) (9997) |

|       |              |            |              |
|-------|--------------|------------|--------------|
| Atmel | ATSAM4SD16BA | [LQFP64]   | (2998)       |
| Atmel | ATSAM4SD16BA | [QFN64]    | (3011)       |
| Atmel | ATSAM4SD16CA | (ISP)      | (138) (9997) |
| Atmel | ATSAM4SD16CA | [LQFP100]  | (2985)       |
| Atmel | ATSAM4SD16CA | [TFBGA100] | (3327)       |
| Atmel | ATSAM4SD16CA | [VFBGA100] | (4051)       |
| Atmel | ATSAM4SD32BA | (ISP)      | (138) (9997) |
| Atmel | ATSAM4SD32BA | [LQFP64]   | (2998)       |
| Atmel | ATSAM4SD32BA | [QFN64]    | (3011)       |
| Atmel | ATSAM4SD32CA | (ISP)      | (138) (9997) |
| Atmel | ATSAM4SD32CA | [LQFP100]  | (2985)       |
| Atmel | ATSAM4SD32CA | [TFBGA100] | (3327)       |
| Atmel | ATSAM4SD32CA | [VFBGA100] | (4051)       |
| Atmel | ATSAMC20E15A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC20E15A | [QFN32]    | (3008)       |
| Atmel | ATSAMC20E15A | [TQFP32]   | (3005)       |
| Atmel | ATSAMC20E16A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC20E16A | [QFN32]    | (3008)       |
| Atmel | ATSAMC20E16A | [TQFP32]   | (3005)       |
| Atmel | ATSAMC20E17A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC20E17A | [QFN32]    | (3008)       |
| Atmel | ATSAMC20E17A | [TQFP32]   | (3005)       |
| Atmel | ATSAMC20E18A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC20E18A | [QFN32]    | (3008)       |
| Atmel | ATSAMC20E18A | [TQFP32]   | (3005)       |
| Atmel | ATSAMC20G15A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC20G15A | [QFN48]    | (3007)       |
| Atmel | ATSAMC20G15A | [TQFP48]   | (4354)       |
| Atmel | ATSAMC20G16A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC20G16A | [QFN48]    | (3007)       |
| Atmel | ATSAMC20G16A | [TQFP48]   | (4354)       |
| Atmel | ATSAMC20G17A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC20G17A | [QFN48]    | (3007)       |
| Atmel | ATSAMC20G17A | [TQFP48]   | (4354)       |
| Atmel | ATSAMC20G18A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC20G18A | [QFN48]    | (3007)       |
| Atmel | ATSAMC20G18A | [TQFP48]   | (4354)       |
| Atmel | ATSAMC20J15A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC20J15A | [QFN64]    | (3006)       |
| Atmel | ATSAMC20J15A | [TQFP64]   | (3003)       |
| Atmel | ATSAMC20J16A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC20J16A | [QFN64]    | (3006)       |
| Atmel | ATSAMC20J16A | [TQFP64]   | (3003)       |
| Atmel | ATSAMC20J17A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC20J17A | [QFN64]    | (3006)       |
| Atmel | ATSAMC20J17A | [TQFP64]   | (3003)       |
| Atmel | ATSAMC20J18A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC20J18A | [QFN64]    | (3006)       |
| Atmel | ATSAMC20J18A | [TQFP64]   | (3003)       |
| Atmel | ATSAMC21E15A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC21E15A | [QFN32]    | (3008)       |
| Atmel | ATSAMC21E15A | [TQFP32]   | (3005)       |
| Atmel | ATSAMC21E16A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC21E16A | [QFN32]    | (3008)       |
| Atmel | ATSAMC21E16A | [TQFP32]   | (3005)       |
| Atmel | ATSAMC21E17A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC21E17A | [QFN32]    | (3008)       |
| Atmel | ATSAMC21E17A | [TQFP32]   | (3005)       |
| Atmel | ATSAMC21E18A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC21E18A | [QFN32]    | (3008)       |
| Atmel | ATSAMC21E18A | [TQFP32]   | (3005)       |
| Atmel | ATSAMC21G15A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC21G15A | [QFN48]    | (3007)       |
| Atmel | ATSAMC21G15A | [TQFP48]   | (4354)       |
| Atmel | ATSAMC21G16A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC21G16A | [QFN48]    | (3007)       |
| Atmel | ATSAMC21G16A | [TQFP48]   | (4354)       |
| Atmel | ATSAMC21G17A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC21G17A | [QFN48]    | (3007)       |
| Atmel | ATSAMC21G17A | [TQFP48]   | (4354)       |
| Atmel | ATSAMC21G18A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC21G18A | [QFN48]    | (3007)       |
| Atmel | ATSAMC21G18A | [TQFP48]   | (4354)       |
| Atmel | ATSAMC21J15A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC21J15A | [QFN64]    | (3006)       |
| Atmel | ATSAMC21J15A | [TQFP64]   | (3003)       |
| Atmel | ATSAMC21J16A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC21J16A | [QFN64]    | (3006)       |
| Atmel | ATSAMC21J16A | [TQFP64]   | (3003)       |
| Atmel | ATSAMC21J17A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC21J17A | [QFN64]    | (3006)       |
| Atmel | ATSAMC21J17A | [TQFP64]   | (3003)       |
| Atmel | ATSAMC21J18A | (ISP)      | (138) (9997) |
| Atmel | ATSAMC21J18A | [QFN64]    | (3006)       |
| Atmel | ATSAMC21J18A | [TQFP64]   | (3003)       |
| Atmel | ATSAMD09C14A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD09C14A | [SOIC14]   | (951)        |
| Atmel | ATSAMD09D14A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD09D14A | [QFN24]    | (731)        |
| Atmel | ATSAMD10C13A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD10C13A | [SOIC14]   | (951)        |
| Atmel | ATSAMD10C14A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD10C14A | [SOIC14]   | (951)        |
| Atmel | ATSAMD10D13A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD10D13A | [QFN24]    | (731)        |
| Atmel | ATSAMD10D14A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD10D14A | [QFN24]    | (731)        |
| Atmel | ATSAMD11C14A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD11C14A | [SOIC14]   | (951)        |
| Atmel | ATSAMD11D14A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD11D14A | [QFN24]    | (731)        |
| Atmel | ATSAMD20E14A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD20E14A | [QFN32]    | (3008)       |
| Atmel | ATSAMD20E14A | [TQFP32]   | (3005)       |
| Atmel | ATSAMD20E15A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD20E15A | [QFN32]    | (3008)       |
| Atmel | ATSAMD20E15A | [TQFP32]   | (3005)       |
| Atmel | ATSAMD20E16A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD20E16A | [QFN32]    | (3008)       |
| Atmel | ATSAMD20E16A | [TQFP32]   | (3005)       |
| Atmel | ATSAMD20E16B | (ISP)      | (138) (9997) |
| Atmel | ATSAMD20E16B | [QFN32]    | (3008)       |
| Atmel | ATSAMD20E16B | [TQFP32]   | (3005)       |
| Atmel | ATSAMD20E17A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD20E17A | [QFN32]    | (3008)       |
| Atmel | ATSAMD20E17A | [TQFP32]   | (3005)       |
| Atmel | ATSAMD20E18A | [QFN32]    | (3008)       |
| Atmel | ATSAMD20E18A | [TQFP32]   | (3005)       |
| Atmel | ATSAMD20G14A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD20G14A | [QFN48]    | (3007)       |
| Atmel | ATSAMD20G14A | [TQFP48]   | (4354)       |
| Atmel | ATSAMD20G15A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD20G15A | [QFN48]    | (3007)       |
| Atmel | ATSAMD20G15A | [TQFP48]   | (4354)       |
| Atmel | ATSAMD20G16A | (ISP)      | (138) (9997) |
| Atmel | ATSAMD20G16A | [QFN48]    | (3007)       |
| Atmel | ATSAMD20G16A | [TQFP48]   | (4354)       |
| Atmel | ATSAMD20G16B | (ISP)      | (138) (9997) |

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|-------|--------------|-----------|--------------|
| Atmel | ATSAMD20G16B | [QFN48]   | (3007)       |
| Atmel | ATSAMD20G16B | [TQFP48]  | (4354)       |
| Atmel | ATSAMD20G17A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD20G17A | [QFN48]   | (3007)       |
| Atmel | ATSAMD20G17A | [TQFP48]  | (4354)       |
| Atmel | ATSAMD20G18A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD20G18A | [QFN48]   | (3007)       |
| Atmel | ATSAMD20G18A | [TQFP48]  | (4354)       |
| Atmel | ATSAMD20J14A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD20J14A | [QFN64]   | (3006)       |
| Atmel | ATSAMD20J14A | [TQFP64]  | (3003)       |
| Atmel | ATSAMD20J14A | [UFBGA64] | (3720)       |
| Atmel | ATSAMD20J15A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD20J15A | [QFN64]   | (3006)       |
| Atmel | ATSAMD20J15A | [TQFP64]  | (3003)       |
| Atmel | ATSAMD20J15A | [UFBGA64] | (3720)       |
| Atmel | ATSAMD20J16A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD20J16A | [QFN64]   | (3006)       |
| Atmel | ATSAMD20J16A | [TQFP64]  | (3003)       |
| Atmel | ATSAMD20J16A | [UFBGA64] | (3720)       |
| Atmel | ATSAMD20J16B | (ISP)     | (138) (9997) |
| Atmel | ATSAMD20J16B | [QFN64]   | (3006)       |
| Atmel | ATSAMD20J16B | [TQFP64]  | (3003)       |
| Atmel | ATSAMD20J17A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD20J17A | [QFN64]   | (3006)       |
| Atmel | ATSAMD20J17A | [TQFP64]  | (3003)       |
| Atmel | ATSAMD20J17A | [UFBGA64] | (3720)       |
| Atmel | ATSAMD20J18A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD20J18A | [QFN64]   | (3006)       |
| Atmel | ATSAMD20J18A | [TQFP64]  | (3003)       |
| Atmel | ATSAMD20J18A | [UFBGA64] | (3720)       |
| Atmel | ATSAMD21E15A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21E15A | [QFN32]   | (3008)       |
| Atmel | ATSAMD21E15A | [TQFP32]  | (3005)       |
| Atmel | ATSAMD21E15B | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21E15B | [QFN32]   | (3008)       |
| Atmel | ATSAMD21E15B | [TQFP32]  | (3005)       |
| Atmel | ATSAMD21E16A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21E16A | [QFN32]   | (3008)       |
| Atmel | ATSAMD21E16A | [TQFP32]  | (3005)       |
| Atmel | ATSAMD21E16B | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21E16B | [QFN32]   | (3008)       |
| Atmel | ATSAMD21E16B | [TQFP32]  | (3005)       |
| Atmel | ATSAMD21E17A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21E17A | [QFN32]   | (3008)       |
| Atmel | ATSAMD21E17A | [TQFP32]  | (3005)       |
| Atmel | ATSAMD21E17B | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21E17B | [QFN32]   | (3008)       |
| Atmel | ATSAMD21E17B | [TQFP32]  | (3005)       |
| Atmel | ATSAMD21E18A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21E18A | [QFN32]   | (3008)       |
| Atmel | ATSAMD21E18A | [TQFP32]  | (3005)       |
| Atmel | ATSAMD21E18B | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21E18B | [QFN32]   | (3008)       |
| Atmel | ATSAMD21E18B | [TQFP32]  | (3005)       |
| Atmel | ATSAMD21G15A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21G15A | [QFN48]   | (3007)       |
| Atmel | ATSAMD21G15A | [TQFP48]  | (4354)       |
| Atmel | ATSAMD21G15B | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21G15B | [QFN48]   | (3007)       |
| Atmel | ATSAMD21G15B | [TQFP48]  | (4354)       |
| Atmel | ATSAMD21G16A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21G16A | [QFN48]   | (3007)       |
| Atmel | ATSAMD21G16A | [TQFP48]  | (4354)       |
| Atmel | ATSAMD21G16B | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21G16B | [QFN48]   | (3007)       |
| Atmel | ATSAMD21G16B | [TQFP48]  | (4354)       |
| Atmel | ATSAMD21G16L | [QFN48]   | (3833)       |
| Atmel | ATSAMD21G17A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21G17A | [QFN48]   | (3007)       |
| Atmel | ATSAMD21G17A | [TQFP48]  | (4354)       |
| Atmel | ATSAMD21G17B | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21G17B | [QFN48]   | (3007)       |
| Atmel | ATSAMD21G17B | [TQFP48]  | (4354)       |
| Atmel | ATSAMD21G18A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21G18A | [QFN48]   | (3007)       |
| Atmel | ATSAMD21G18A | [TQFP48]  | (4354)       |
| Atmel | ATSAMD21G18B | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21G18B | [QFN48]   | (3007)       |
| Atmel | ATSAMD21G18B | [TQFP48]  | (4354)       |
| Atmel | ATSAMD21J15A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21J15A | [QFN64]   | (3006)       |
| Atmel | ATSAMD21J15A | [TQFP64]  | (3003)       |
| Atmel | ATSAMD21J15A | [UFBGA64] | (3720)       |
| Atmel | ATSAMD21J15B | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21J15B | [QFN64]   | (3006)       |
| Atmel | ATSAMD21J15B | [TQFP64]  | (3003)       |
| Atmel | ATSAMD21J15B | [UFBGA64] | (3720)       |
| Atmel | ATSAMD21J16A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21J16A | [QFN64]   | (3006)       |
| Atmel | ATSAMD21J16A | [TQFP64]  | (3003)       |
| Atmel | ATSAMD21J16A | [UFBGA64] | (3720)       |
| Atmel | ATSAMD21J16B | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21J16B | [QFN64]   | (3006)       |
| Atmel | ATSAMD21J16B | [TQFP64]  | (3003)       |
| Atmel | ATSAMD21J16B | [UFBGA64] | (3720)       |
| Atmel | ATSAMD21J17A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21J17A | [QFN64]   | (3006)       |
| Atmel | ATSAMD21J17A | [TQFP64]  | (3003)       |
| Atmel | ATSAMD21J17A | [UFBGA64] | (3720)       |
| Atmel | ATSAMD21J17B | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21J17B | [QFN64]   | (3006)       |
| Atmel | ATSAMD21J17B | [TQFP64]  | (3003)       |
| Atmel | ATSAMD21J17B | [UFBGA64] | (3720)       |
| Atmel | ATSAMD21J17D | [QFN64]   | (3006)       |
| Atmel | ATSAMD21J18A | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21J18A | [QFN64]   | (3006)       |
| Atmel | ATSAMD21J18A | [TQFP64]  | (3003)       |
| Atmel | ATSAMD21J18A | [UFBGA64] | (3720)       |
| Atmel | ATSAMD21J18B | (ISP)     | (138) (9997) |
| Atmel | ATSAMD21J18B | [QFN64]   | (3006)       |
| Atmel | ATSAMD21J18B | [TQFP64]  | (3003)       |
| Atmel | ATSAMD21J18B | [UFBGA64] | (3720)       |
| Atmel | ATSAMD51G18A | [VQFN48]  | (3395)       |
| Atmel | ATSAMD51G19A | [VQFN48]  | (3395)       |
| Atmel | ATSAMD51J18A | [TQFP64]  | (4787)       |
| Atmel | ATSAMD51J19A | [TQFP64]  | (4787)       |
| Atmel | ATSAMD51J20A | [TQFP64]  | (4787)       |
| Atmel | ATSAMD51N20A | [TQFP100] | (4627)       |
| Atmel | ATSAMD1E14A  | (ISP)     | (138) (9997) |
| Atmel | ATSAMD1E14A  | [QFN32]   | (3008)       |
| Atmel | ATSAMD1E14A  | [TQFP32]  | (3005)       |
| Atmel | ATSAMD1E15A  | (ISP)     | (138) (9997) |
| Atmel | ATSAMD1E15A  | [QFN32]   | (3008)       |
| Atmel | ATSAMD1E15A  | [TQFP32]  | (3005)       |
| Atmel | ATSAMD1E16A  | (ISP)     | (138) (9997) |
| Atmel | ATSAMD1E16A  | [QFN32]   | (3008)       |
| Atmel | ATSAMD1E16A  | [TQFP32]  | (3005)       |

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| Atmel | ATSAMD1G14A  | (ISP)      | (138) (9997) |
| Atmel | ATSAMD1G14A  | [QFN48]    | (3007)       |
| Atmel | ATSAMD1G14A  | [TQFP48]   | (4354)       |
| Atmel | ATSAMD1G15A  | (ISP)      | (138) (9997) |
| Atmel | ATSAMD1G15A  | [QFN48]    | (3007)       |
| Atmel | ATSAMD1G15A  | [TQFP48]   | (4354)       |
| Atmel | ATSAMD1G16A  | (ISP)      | (138) (9997) |
| Atmel | ATSAMD1G16A  | [QFN48]    | (3007)       |
| Atmel | ATSAMD1G16A  | [TQFP48]   | (4354)       |
| Atmel | ATSAMD1J14A  | (ISP)      | (138) (9997) |
| Atmel | ATSAMD1J14A  | [TQFP64]   | (3003)       |
| Atmel | ATSAMD1J15A  | (ISP)      | (138) (9997) |
| Atmel | ATSAMD1J15A  | [QFN64]    | (3006)       |
| Atmel | ATSAMD1J15A  | [TQFP64]   | (3003)       |
| Atmel | ATSAMD1J16A  | (ISP)      | (138) (9997) |
| Atmel | ATSAMD1J16A  | [TQFP64]   | (3003)       |
| Atmel | ATSAME53N19A | [TQFP100]  | (4627)       |
| Atmel | ATSAME53N20A | (ISP)      | (138) (9997) |
| Atmel | ATSAME53N20A | [TQFP100]  | (4627)       |
| Atmel | ATSAME70N19A | [LQFP100]  | (4537)       |
| Atmel | ATSAME70N19A | [TFBGA100] | (3753)       |
| Atmel | ATSAME70N20A | [LQFP100]  | (4537)       |
| Atmel | ATSAME70N20A | [TFBGA100] | (3753)       |
| Atmel | ATSAME70N21A | [LQFP100]  | (4537)       |
| Atmel | ATSAME70N21A | [TFBGA100] | (3753)       |
| Atmel | ATSAME70Q19A | [LFBGA144] | (3721)       |
| Atmel | ATSAME70Q19A | [LQFP144]  | (3341)       |
| Atmel | ATSAME70Q20A | [LFBGA144] | (3721)       |
| Atmel | ATSAME70Q20A | [LQFP144]  | (3341)       |
| Atmel | ATSAME70Q21A | (ISP)      | (138) (9997) |
| Atmel | ATSAME70Q21A | [LFBGA144] | (3721)       |
| Atmel | ATSAME70Q21A | [LQFP144]  | (3341)       |
| Atmel | ATSAME70Q21B | [LQFP144]  | (3341)       |
| Atmel | ATSAMG53N19  | [LQFP100]  | (3200)       |
| Atmel | ATSAMG55G19A | [WLCSFP49] | (3491)       |
| Atmel | ATSAMG55G19B | [WLCSFP49] | (3491)       |
| Atmel | ATSAMG55J19A | [LQFP64]   | (4757)       |
| Atmel | ATSAMG55J19A | [QFN64]    | (4628)       |
| Atmel | ATSAMG55J19B | [LQFP64]   | (4757)       |
| Atmel | ATSAMG55J19B | [QFN64]    | (4628)       |
| Atmel | ATSAMHA1E14A | [VQFN32]   | (3008)       |
| Atmel | ATSAMHA1E15A | [VQFN32]   | (3008)       |
| Atmel | ATSAMHA1E16A | [VQFN32]   | (3008)       |
| Atmel | ATSAML10D14A | [SSOP24]   | (5036)       |
| Atmel | ATSAML10D14A | [VQFN24]   | (5037)       |
| Atmel | ATSAML10D15A | [SSOP24]   | (5036)       |
| Atmel | ATSAML10D15A | [VQFN24]   | (5037)       |
| Atmel | ATSAML10D16A | [SSOP24]   | (5036)       |
| Atmel | ATSAML10D16A | [VQFN24]   | (5037)       |
| Atmel | ATSAML10E14A | [TQFP32]   | (3005)       |
| Atmel | ATSAML10E14A | [VQFN32]   | (3008)       |
| Atmel | ATSAML10E15A | [TQFP32]   | (3005)       |
| Atmel | ATSAML10E15A | [VQFN32]   | (3008)       |
| Atmel | ATSAML10E16A | [TQFP32]   | (3005)       |
| Atmel | ATSAML10E16A | [VQFN32]   | (3008)       |
| Atmel | ATSAML11D14A | [SSOP24]   | (5036)       |
| Atmel | ATSAML11D14A | [VQFN24]   | (5037)       |
| Atmel | ATSAML11D15A | [SSOP24]   | (5036)       |
| Atmel | ATSAML11D15A | [VQFN24]   | (5037)       |
| Atmel | ATSAML11D16A | [SSOP24]   | (5036)       |
| Atmel | ATSAML11D16A | [VQFN24]   | (5037)       |
| Atmel | ATSAML11E14A | [TQFP32]   | (3005)       |
| Atmel | ATSAML11E14A | [VQFN32]   | (3008)       |
| Atmel | ATSAML11E15A | [TQFP32]   | (3005)       |
| Atmel | ATSAML11E15A | [VQFN32]   | (3008)       |
| Atmel | ATSAML11E16A | [TQFP32]   | (3005)       |
| Atmel | ATSAML11E16A | [VQFN32]   | (3008)       |
| Atmel | ATSAML21E15B | (ISP)      | (138) (9997) |
| Atmel | ATSAML21E15B | [QFN32]    | (3396)       |
| Atmel | ATSAML21E15B | [TQFP32]   | (3393)       |
| Atmel | ATSAML21E16B | (ISP)      | (138) (9997) |
| Atmel | ATSAML21E16B | [QFN32]    | (3396)       |
| Atmel | ATSAML21E16B | [TQFP32]   | (3393)       |
| Atmel | ATSAML21E17B | (ISP)      | (138) (9997) |
| Atmel | ATSAML21E17B | [QFN32]    | (3396)       |
| Atmel | ATSAML21E17B | [TQFP32]   | (3393)       |
| Atmel | ATSAML21E18B | (ISP)      | (138) (9997) |
| Atmel | ATSAML21E18B | [QFN32]    | (3396)       |
| Atmel | ATSAML21E18B | [TQFP32]   | (3393)       |
| Atmel | ATSAML21G16B | (ISP)      | (138) (9997) |
| Atmel | ATSAML21G16B | [QFN48]    | (3395)       |
| Atmel | ATSAML21G16B | [TQFP48]   | (3392)       |
| Atmel | ATSAML21G17B | (ISP)      | (138) (9997) |
| Atmel | ATSAML21G17B | [QFN48]    | (3395)       |
| Atmel | ATSAML21G17B | [TQFP48]   | (3392)       |
| Atmel | ATSAML21G18B | (ISP)      | (138) (9997) |
| Atmel | ATSAML21G18B | [QFN48]    | (3395)       |
| Atmel | ATSAML21G18B | [TQFP48]   | (3392)       |
| Atmel | ATSAML21J16B | (ISP)      | (138) (9997) |
| Atmel | ATSAML21J16B | [QFN64]    | (3394)       |
| Atmel | ATSAML21J16B | [TQFP64]   | (4787)       |
| Atmel | ATSAML21J17B | (ISP)      | (138) (9997) |
| Atmel | ATSAML21J17B | [QFN64]    | (3394)       |
| Atmel | ATSAML21J17B | [TQFP64]   | (4787)       |
| Atmel | ATSAML21J18B | (ISP)      | (138) (9997) |
| Atmel | ATSAML21J18B | [QFN64]    | (3394)       |
| Atmel | ATSAML21J18B | [TQFP64]   | (4787)       |
| Atmel | ATSAML22G16A | (ISP)      | (138) (9997) |
| Atmel | ATSAML22G16A | [QFN48]    | (3395)       |
| Atmel | ATSAML22G16A | [TQFP48]   | (3392)       |
| Atmel | ATSAML22G17A | (ISP)      | (138) (9997) |
| Atmel | ATSAML22G17A | [QFN48]    | (3395)       |
| Atmel | ATSAML22G17A | [TQFP48]   | (3392)       |
| Atmel | ATSAML22G18A | (ISP)      | (138) (9997) |
| Atmel | ATSAML22G18A | [QFN48]    | (3395)       |
| Atmel | ATSAML22G18A | [TQFP48]   | (3392)       |
| Atmel | ATSAML22J16A | (ISP)      | (138) (9997) |
| Atmel | ATSAML22J16A | [QFN64]    | (3394)       |
| Atmel | ATSAML22J16A | [TQFP64]   | (4787)       |
| Atmel | ATSAML22J17A | (ISP)      | (138) (9997) |
| Atmel | ATSAML22J17A | [QFN64]    | (3394)       |
| Atmel | ATSAML22J17A | [TQFP64]   | (4787)       |
| Atmel | ATSAML22J18A | (ISP)      | (138) (9997) |
| Atmel | ATSAML22J18A | [QFN64]    | (3394)       |
| Atmel | ATSAML22J18A | [TQFP64]   | (4787)       |
| Atmel | ATSAML22N16A | (ISP)      | (138) (9997) |
| Atmel | ATSAML22N16A | [TQFP100]  | (4816)       |
| Atmel | ATSAML22N17A | (ISP)      | (138) (9997) |
| Atmel | ATSAML22N17A | [TQFP100]  | (4816)       |
| Atmel | ATSAML22N18A | (ISP)      | (138) (9997) |
| Atmel | ATSAML22N18A | [TQFP100]  | (4816)       |
| Atmel | ATSAML22N18A | [UFBGA100] | (5005)       |
| Atmel | ATSAMR21E16A | (ISP)      | (138) (9997) |
| Atmel | ATSAMR21E16A | [QFN32]    | (3008)       |
| Atmel | ATSAMR21E17A | (ISP)      | (138) (9997) |
| Atmel | ATSAMR21E17A | [QFN32]    | (3008)       |
| Atmel | ATSAMR21E18A | (ISP)      | (138) (9997) |
| Atmel | ATSAMR21E18A | [QFN32]    | (3008)       |

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| Atmel | ATSAMR21E19A (ISP)            | (138) (9997)  |
| Atmel | ATSAMR21E19A [QFN32]          | (3008)        |
| Atmel | ATSAMR21G16A (ISP)            | (138) (9997)  |
| Atmel | ATSAMR21G16A [QFN48]          | (3007)        |
| Atmel | ATSAMR21G17A (ISP)            | (138) (9997)  |
| Atmel | ATSAMR21G17A [QFN48]          | (3007)        |
| Atmel | ATSAMR21G18A (ISP)            | (138) (9997)  |
| Atmel | ATSAMR21G18A [QFN48]          | (3007)        |
| Atmel | ATSAMS70N19A [LQFP100]        | (4537)        |
| Atmel | ATSAMS70N19A [TFBGA100]       | (3753)        |
| Atmel | ATSAMS70N19A [VFBGA100]       | (4100)        |
| Atmel | ATSAMS70N20A [LQFP100]        | (4537)        |
| Atmel | ATSAMS70N20A [TFBGA100]       | (3753)        |
| Atmel | ATSAMS70N20A [VFBGA100]       | (4100)        |
| Atmel | ATSAMS70N21A [LQFP100]        | (4537)        |
| Atmel | ATSAMS70N21A [TFBGA100]       | (3753)        |
| Atmel | ATSAMS70N21A [VFBGA100]       | (4100)        |
| Atmel | ATSAMV70N19A [LQFP100]        | (4537)        |
| Atmel | ATSAMV70N20A [LQFP100]        | (4537)        |
| Atmel | ATSAMV70N21A [LQFP100]        | (4537)        |
| Atmel | ATSAMV70Q19B [LFBGA144]       | (3721)        |
| Atmel | ATSAMV70Q20B [LFBGA144]       | (3721)        |
| Atmel | ATSHA204A-MAHDA [UDFN8]       | (3740)        |
| Atmel | ATSHA204A-SSHDA [SOIC8]       | (4210)        |
| Atmel | ATSHA204-MAH-DA [UDFN8]       | (4538) (9999) |
| Atmel | ATSHA204-MAH-DA [UDFN8] (Alt) | (3740)        |
| Atmel | ATSHA204-SH-DA [SOIC8]        | (950) (9999)  |
| Atmel | ATSHA204-TH-DA [TSSOP8]       | (121) (9999)  |
| Atmel | ATTiny10 (ISP-TPI)            | (138)         |
| Atmel | ATTiny10 [SOT-23]             | (523)         |
| Atmel | ATTiny10 [UDFN8]              | (1535)        |
| Atmel | ATTiny102 [SOIC8]             | (950)         |
| Atmel | ATTiny102F [SOIC8]            | (950)         |
| Atmel | ATTiny104 [SOIC14]            | (951)         |
| Atmel | ATTiny104F [SOIC14]           | (951)         |
| Atmel | ATTiny11                      |               |
| Atmel | ATTiny11 [SOIC8]              | (46)          |
| Atmel | ATTiny11L                     |               |
| Atmel | ATTiny11L [SOIC8]             | (46)          |
| Atmel | ATTiny12                      |               |
| Atmel | ATTiny12 (ISP-SPI)            | (138)         |
| Atmel | ATTiny12 [SOIC8]              | (46)          |
| Atmel | ATTiny12L                     |               |
| Atmel | ATTiny12L (ISP-SPI)           | (138)         |
| Atmel | ATTiny12L [SOIC8]             | (46)          |
| Atmel | ATTiny12V                     |               |
| Atmel | ATTiny12V (ISP-SPI)           | (138)         |
| Atmel | ATTiny12V [SOIC8]             | (46)          |
| Atmel | ATTiny13                      |               |
| Atmel | ATTiny13 (ISP-SPI)            | (138)         |
| Atmel | ATTiny13 (ISP-SPI) (OSCCAL)   | (138)         |
| Atmel | ATTiny13 [MLF10]              | (574)         |
| Atmel | ATTiny13 [MLF20]              | (575)         |
| Atmel | ATTiny13 [SOIC8-150]          | (950)         |
| Atmel | ATTiny13 [SOIC8-209]          | (46)          |
| Atmel | ATTiny13A                     |               |
| Atmel | ATTiny13A (ISP-SPI)           | (138)         |
| Atmel | ATTiny13A [MLF10]             | (574)         |
| Atmel | ATTiny13A [MLF20]             | (575)         |
| Atmel | ATTiny13A [SOIC8-150]         | (950)         |
| Atmel | ATTiny13A [SOIC8-209]         | (46)          |
| Atmel | ATTiny13V                     |               |
| Atmel | ATTiny13V (ISP-SPI)           | (138)         |
| Atmel | ATTiny13V (ISP-SPI) (OSCCAL)  | (138) (9997)  |
| Atmel | ATTiny13V [MLF10]             | (574)         |
| Atmel | ATTiny13V [MLF20]             | (575)         |
| Atmel | ATTiny13V [SOIC8-150]         | (950)         |
| Atmel | ATTiny13V [SOIC8-209]         | (46)          |
| Atmel | ATTiny15                      |               |
| Atmel | ATTiny15 (ISP-SPI)            | (138)         |
| Atmel | ATTiny15 [SOIC8]              | (46)          |
| Atmel | ATTiny15L                     |               |
| Atmel | ATTiny15L (ISP-SPI)           | (138)         |
| Atmel | ATTiny15L [SOIC8]             | (46)          |
| Atmel | ATTiny1604 (ISP-UPDI)         | (138) (9997)  |
| Atmel | ATTiny1604 [SOIC14-150]       | (4224)        |
| Atmel | ATTiny1606 (ISP-UPDI)         | (138) (9997)  |
| Atmel | ATTiny1606 [SOIC20-300]       | (4225)        |
| Atmel | ATTiny1606 [VQFN20]           | (4226)        |
| Atmel | ATTiny1607 (ISP-UPDI)         | (138) (9997)  |
| Atmel | ATTiny1607 [QFN24]            | (4227)        |
| Atmel | ATTiny1614 (ISP-UPDI)         | (138) (9997)  |
| Atmel | ATTiny1614 [SOIC14]           | (4224)        |
| Atmel | ATTiny1616 (ISP-UPDI)         | (138) (9997)  |
| Atmel | ATTiny1616 [SOIC20]           | (4225)        |
| Atmel | ATTiny1616 [VQFN20]           | (4226)        |
| Atmel | ATTiny1617 (ISP-UPDI)         | (138) (9997)  |
| Atmel | ATTiny1617 [QFN24]            | (4227)        |
| Atmel | ATTiny1634 (ISP-SPI)          | (138)         |
| Atmel | ATTiny1634 [QFN20]            | (575)         |
| Atmel | ATTiny1634 [SOIC20]           | (119)         |
| Atmel | ATTiny1634 [TSSOP20]          | (1089)        |
| Atmel | ATTiny167 (ISP-SPI)           | (138)         |
| Atmel | ATTiny167 [QFN20]             | (575)         |
| Atmel | ATTiny167 [QFN32]             | (221)         |
| Atmel | ATTiny167 [SOIC20]            | (119)         |
| Atmel | ATTiny167 [TSSOP20]           | (1089)        |
| Atmel | ATTiny20 (ISP-TPI)            | (138)         |
| Atmel | ATTiny20 [SOIC14]             | (951)         |
| Atmel | ATTiny20 [TSSOP14]            | (1087)        |
| Atmel | ATTiny20 [UFBGA15]            | (2140)        |
| Atmel | ATTiny20 [VQFN20]             | (1526)        |
| Atmel | ATTiny20 [WLCSP12]            | (2954)        |
| Atmel | ATTiny202 (ISP-UPDI)          | (138) (9997)  |
| Atmel | ATTiny202 [SOIC8-150]         | (4836)        |
| Atmel | ATTiny204 (ISP-UPDI)          | (138) (9997)  |
| Atmel | ATTiny204 [SOIC14-150]        | (4224)        |
| Atmel | ATTiny212 (ISP-UPDI)          | (138) (9997)  |
| Atmel | ATTiny212 [SOIC8-150]         | (4836)        |
| Atmel | ATTiny214 (ISP-UPDI)          | (138) (9997)  |
| Atmel | ATTiny214 [SOIC14]            | (4224)        |
| Atmel | ATTiny22                      |               |
| Atmel | ATTiny22 (ISP-SPI)            | (138)         |
| Atmel | ATTiny22 [SOIC8]              | (46)          |
| Atmel | ATTiny22L                     |               |
| Atmel | ATTiny22L (ISP-SPI)           | (138)         |
| Atmel | ATTiny22L [SOIC8]             | (46)          |
| Atmel | ATTiny2313                    |               |
| Atmel | ATTiny2313 (ISP-SPI)          | (138)         |
| Atmel | ATTiny2313 [MLF20]            | (575)         |
| Atmel | ATTiny2313 [SOIC20]           | (119)         |
| Atmel | ATTiny2313A                   |               |
| Atmel | ATTiny2313A (ISP-SPI)         | (138)         |
| Atmel | ATTiny2313A [MLF20]           | (575)         |
| Atmel | ATTiny2313A [SOIC20]          | (119)         |
| Atmel | ATTiny2313A [VQFN20]          | (1526)        |
| Atmel | ATTiny2313V                   |               |
| Atmel | ATTiny2313V (ISP-SPI)         | (138)         |

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| Atmel | ATTiny2313V [MLF20]           | (575)        |
| Atmel | ATTiny2313V [SOIC20]          | (119)        |
| Atmel | ATTiny23u (ISP-SPI)           | (138)        |
| Atmel | ATTiny23u [MLF20]             | (575)        |
| Atmel | ATTiny23u [SOIC20]            | (119)        |
| Atmel | ATTiny24                      |              |
| Atmel | ATTiny24 (ISP-SPI)            | (138)        |
| Atmel | ATTiny24 [MLF20]              | (575)        |
| Atmel | ATTiny24 [SOIC14]             | (951)        |
| Atmel | ATTiny24A                     |              |
| Atmel | ATTiny24A (ISP-SPI)           | (138)        |
| Atmel | ATTiny24A [MLF20]             | (575)        |
| Atmel | ATTiny24A [SOIC14]            | (951)        |
| Atmel | ATTiny24A [UFPGA15]           | (2140)       |
| Atmel | ATTiny24A [VQFN20]            | (1526)       |
| Atmel | ATTiny24V                     |              |
| Atmel | ATTiny24V (ISP-SPI)           | (138)        |
| Atmel | ATTiny24V [MLF20]             | (575)        |
| Atmel | ATTiny24V [SOIC14]            | (951)        |
| Atmel | ATTiny25                      |              |
| Atmel | ATTiny25 (ISP-SPI)            | (138)        |
| Atmel | ATTiny25 [MLF20]              | (575)        |
| Atmel | ATTiny25 [SOIC8-150]          | (950)        |
| Atmel | ATTiny25 [SOIC8-209]          | (46)         |
| Atmel | ATTiny25V                     |              |
| Atmel | ATTiny25V (ISP-SPI)           | (138)        |
| Atmel | ATTiny25V [MLF20]             | (575)        |
| Atmel | ATTiny25V [SOIC8-150]         | (950)        |
| Atmel | ATTiny25V [SOIC8-209]         | (46)         |
| Atmel | ATTiny26                      |              |
| Atmel | ATTiny26 (ISP-SPI)            | (138)        |
| Atmel | ATTiny26 (ser. pg.)           |              |
| Atmel | ATTiny26 [MLF32]              | (221)        |
| Atmel | ATTiny26 [MLF32] (ser. pg.)   | (221)        |
| Atmel | ATTiny26 [SOIC20]             | (119)        |
| Atmel | ATTiny26 [SOIC20] (ser. pg.)  | (119)        |
| Atmel | ATTiny261                     |              |
| Atmel | ATTiny261 (ISP-SPI)           | (138)        |
| Atmel | ATTiny261 [MLF20]             | (575)        |
| Atmel | ATTiny261 [MLF32]             | (221)        |
| Atmel | ATTiny261 [SOIC20]            | (119)        |
| Atmel | ATTiny261 [TSSOP20]           | (1089)       |
| Atmel | ATTiny261A                    |              |
| Atmel | ATTiny261A (ISP-SPI)          | (138)        |
| Atmel | ATTiny261A [MLF32]            | (221)        |
| Atmel | ATTiny261A [SOIC20]           | (119)        |
| Atmel | ATTiny261A [TSSOP20]          | (1089)       |
| Atmel | ATTiny261V                    |              |
| Atmel | ATTiny261V (ISP-SPI)          | (138)        |
| Atmel | ATTiny261V [MLF32]            | (221)        |
| Atmel | ATTiny261V [SOIC20]           | (119)        |
| Atmel | ATTiny26L                     |              |
| Atmel | ATTiny26L (ISP-SPI)           | (138)        |
| Atmel | ATTiny26L (ser. pg.)          |              |
| Atmel | ATTiny26L [MLF32]             | (221)        |
| Atmel | ATTiny26L [MLF32] (ser. pg.)  | (221)        |
| Atmel | ATTiny26L [SOIC20]            | (119)        |
| Atmel | ATTiny26L [SOIC20] (ser. pg.) | (119)        |
| Atmel | ATTiny28L                     |              |
| Atmel | ATTiny28L [MLF32]             | (221)        |
| Atmel | ATTiny28L [TQFP32]            | (159)        |
| Atmel | ATTiny28V                     |              |
| Atmel | ATTiny28V [MLF32]             | (221)        |
| Atmel | ATTiny28V [TQFP32]            | (159)        |
| Atmel | ATTiny3216 (ISP-UPDI)         | (138) (9997) |
| Atmel | ATTiny3216 [SOIC20]           | (4225)       |
| Atmel | ATTiny3216 [VQFN20]           | (4226)       |
| Atmel | ATTiny3217 (ISP-UPDI)         | (138) (9997) |
| Atmel | ATTiny3217 [QFN24]            | (4227)       |
| Atmel | ATTiny4 (ISP-TPI)             | (138)        |
| Atmel | ATTiny4 [SOT-23]              | (523)        |
| Atmel | ATTiny4 [UDFN8]               | (1535)       |
| Atmel | ATTiny40 (ISP-TPI)            | (138)        |
| Atmel | ATTiny40 [MLF20]              | (1526)       |
| Atmel | ATTiny40 [SOIC20]             | (119)        |
| Atmel | ATTiny40 [TSSOP20]            | (1089)       |
| Atmel | ATTiny402 (ISP-UPDI)          | (138) (9997) |
| Atmel | ATTiny402 [SOIC8-150]         | (4836)       |
| Atmel | ATTiny404 (ISP-UPDI)          | (138) (9997) |
| Atmel | ATTiny404 [SOIC14-150]        | (4224)       |
| Atmel | ATTiny406 (ISP-UPDI)          | (138) (9997) |
| Atmel | ATTiny406 [SOIC20]            | (4225)       |
| Atmel | ATTiny406 [VQFN20]            | (4226)       |
| Atmel | ATTiny412 (ISP-UPDI)          | (138) (9997) |
| Atmel | ATTiny412 [SOIC8-150]         | (4836)       |
| Atmel | ATTiny414 (ISP-UPDI)          | (138) (9997) |
| Atmel | ATTiny414 [SOIC14]            | (4224)       |
| Atmel | ATTiny416 (ISP-UPDI)          | (138) (9997) |
| Atmel | ATTiny416 [SOIC20]            | (4225)       |
| Atmel | ATTiny416 [VQFN20]            | (4226)       |
| Atmel | ATTiny417 (ISP-UPDI)          | (138) (9997) |
| Atmel | ATTiny417 [QFN24]             | (4227)       |
| Atmel | ATTiny4313                    |              |
| Atmel | ATTiny4313 (ISP-SPI)          | (138)        |
| Atmel | ATTiny4313 [MLF20]            | (575)        |
| Atmel | ATTiny4313 [SOIC20]           | (119)        |
| Atmel | ATTiny4313 [VQFN20]           | (1526)       |
| Atmel | ATTiny43u (ISP-SPI)           | (138)        |
| Atmel | ATTiny43u [MLF20]             | (575)        |
| Atmel | ATTiny43u [SOIC20]            | (119)        |
| Atmel | ATTiny44                      |              |
| Atmel | ATTiny44 (ISP-SPI)            | (138)        |
| Atmel | ATTiny44 [MLF20]              | (575)        |
| Atmel | ATTiny44 [SOIC14]             | (951)        |
| Atmel | ATTiny441 (ISP-SPI)           | (138)        |
| Atmel | ATTiny441 (ISP-SPI) (OSCCAL)  | (138) (9997) |
| Atmel | ATTiny441 [MLF20] (HVSP)      | (575)        |
| Atmel | ATTiny441 [MLF20] (SPI)       | (575)        |
| Atmel | ATTiny441 [SOIC14] (HVSP)     | (951)        |
| Atmel | ATTiny441 [SOIC14] (SPI)      | (951)        |
| Atmel | ATTiny441 [VQFN20] (HVSP)     | (1526)       |
| Atmel | ATTiny441 [VQFN20] (SPI)      | (1526)       |
| Atmel | ATTiny44A                     |              |
| Atmel | ATTiny44A (ISP-SPI)           | (138)        |
| Atmel | ATTiny44A [MLF20]             | (575)        |
| Atmel | ATTiny44A [SOIC14]            | (951)        |
| Atmel | ATTiny44A [UFPGA15]           | (2140)       |
| Atmel | ATTiny44A [VQFN20]            | (1526)       |
| Atmel | ATTiny44V                     |              |
| Atmel | ATTiny44V (ISP-SPI)           | (138)        |
| Atmel | ATTiny44V [MLF20]             | (575)        |
| Atmel | ATTiny44V [SOIC14]            | (951)        |
| Atmel | ATTiny45                      |              |
| Atmel | ATTiny45 (ISP-SPI)            | (138)        |
| Atmel | ATTiny45 [MLF20]              | (575)        |
| Atmel | ATTiny45 [SOIC8-150]          | (950)        |
| Atmel | ATTiny45 [SOIC8-209]          | (46)         |
| Atmel | ATTiny45 [TSSOP8]             | (121)        |

|       |                                |              |
|-------|--------------------------------|--------------|
| Atmel | Attiny45V                      |              |
| Atmel | ATTiny45V (ISP-SPI)            | (138)        |
| Atmel | ATTiny45V [MLF20]              | (575)        |
| Atmel | ATTiny45V [SOIC8-150]          | (950)        |
| Atmel | ATTiny45V [SOIC8-209]          | (46)         |
| Atmel | ATTiny45V [TSSOP8]             | (121)        |
| Atmel | ATTiny461                      |              |
| Atmel | ATTiny461 (ISP-SPI)            | (138)        |
| Atmel | ATTiny461 [MLF20]              | (575)        |
| Atmel | ATTiny461 [MLF32]              | (221)        |
| Atmel | ATTiny461 [SOIC20]             | (119)        |
| Atmel | ATTiny461 [TSSOP20]            | (1089)       |
| Atmel | ATTiny461A                     |              |
| Atmel | ATTiny461A (ISP-SPI)           | (138)        |
| Atmel | ATTiny461A [MLF32]             | (221)        |
| Atmel | ATTiny461A [SOIC20]            | (119)        |
| Atmel | ATTiny461A [TSSOP20]           | (1089)       |
| Atmel | ATTiny461V                     |              |
| Atmel | ATTiny461V (ISP-SPI)           | (138)        |
| Atmel | ATTiny461V [MLF32]             | (221)        |
| Atmel | ATTiny461V [SOIC20]            | (119)        |
| Atmel | ATTiny48                       |              |
| Atmel | ATTiny48 (ISP-SPI)             | (138)        |
| Atmel | ATTiny48 [MLF28]               | (1005)       |
| Atmel | ATTiny48 [MLF32]               | (221)        |
| Atmel | ATTiny48 [TQFP32]              | (159)        |
| Atmel | ATTiny48 [UFPGA32]             | (2141)       |
| Atmel | ATTiny48V                      |              |
| Atmel | ATTiny48V (ISP-SPI)            | (138)        |
| Atmel | ATTiny48V [MLF28]              | (1005)       |
| Atmel | ATTiny48V [MLF32]              | (221)        |
| Atmel | ATTiny48V [TQFP32]             | (159)        |
| Atmel | ATTiny48V [UFPGA32]            | (2141)       |
| Atmel | ATTiny5 (ISP-TPI)              | (138)        |
| Atmel | ATTiny5 [SOT-23]               | (523)        |
| Atmel | ATTiny5 [UDFN8]                | (1535)       |
| Atmel | ATTiny804 (ISP-UPDI)           | (138) (9997) |
| Atmel | ATTiny804 [SOIC14-150]         | (4224)       |
| Atmel | ATTiny806 (ISP-UPDI)           | (138) (9997) |
| Atmel | ATTiny806 [SOIC20-300]         | (4225)       |
| Atmel | ATTiny806 [VQFN20]             | (4226)       |
| Atmel | ATTiny807 (ISP-UPDI)           | (138) (9997) |
| Atmel | ATTiny807 [QFN24]              | (4227)       |
| Atmel | ATTiny814 (ISP-UPDI)           | (138) (9997) |
| Atmel | ATTiny814 [SOIC14]             | (4224)       |
| Atmel | ATTiny816 (ISP-UPDI)           | (138) (9997) |
| Atmel | ATTiny816 [SOIC20]             | (4225)       |
| Atmel | ATTiny816 [VQFN20]             | (4226)       |
| Atmel | ATTiny817 (ISP-UPDI)           | (138) (9997) |
| Atmel | ATTiny817 [QFN24]              | (4227)       |
| Atmel | ATTiny828 (ISP-SPI)            | (138)        |
| Atmel | ATTiny828 [MLF32]              | (221)        |
| Atmel | ATTiny828 [TQFP32]             | (159)        |
| Atmel | ATTiny84                       |              |
| Atmel | ATTiny84 (ISP-SPI)             | (138)        |
| Atmel | ATTiny84 [MLF20]               | (575)        |
| Atmel | ATTiny84 [SOIC14]              | (951)        |
| Atmel | ATTiny841 (ISP-SPI)            | (138)        |
| Atmel | ATTiny841 (ISP-SPI) (Enhanced) | (138) (9997) |
| Atmel | ATTiny841 [MLF20] (HVSP)       | (575)        |
| Atmel | ATTiny841 [MLF20] (SPI)        | (575)        |
| Atmel | ATTiny841 [SOIC14] (HVSP)      | (951)        |
| Atmel | ATTiny841 [SOIC14] (SPI)       | (951)        |
| Atmel | ATTiny841 [VQFN20] (HVSP)      | (1526)       |
| Atmel | ATTiny841 [VQFN20] (SPI)       | (1526)       |
| Atmel | ATTiny84A                      |              |
| Atmel | ATTiny84A (ISP-SPI)            | (138)        |
| Atmel | ATTiny84A [MLF20]              | (575)        |
| Atmel | ATTiny84A [SOIC14]             | (951)        |
| Atmel | ATTiny84A [UFPGA15]            | (2140)       |
| Atmel | ATTiny84A [VQFN20]             | (1526)       |
| Atmel | ATTiny84V                      |              |
| Atmel | ATTiny84V (ISP-SPI)            | (138)        |
| Atmel | ATTiny84V [MLF20]              | (575)        |
| Atmel | ATTiny84V [SOIC14]             | (951)        |
| Atmel | ATTiny85                       |              |
| Atmel | ATTiny85 (ISP-SPI)             | (138)        |
| Atmel | ATTiny85 [MLF20]               | (575)        |
| Atmel | ATTiny85 [SOIC8-150]           | (950)        |
| Atmel | ATTiny85 [SOIC8-209]           | (46)         |
| Atmel | ATTiny85 [TSSOP8]              | (121)        |
| Atmel | ATTiny85V                      |              |
| Atmel | ATTiny85V (ISP-SPI)            | (138)        |
| Atmel | ATTiny85V [MLF20]              | (575)        |
| Atmel | ATTiny85V [SOIC8-150]          | (950)        |
| Atmel | ATTiny85V [SOIC8-209]          | (46)         |
| Atmel | ATTiny85V [TSSOP8]             | (121)        |
| Atmel | ATTiny861                      |              |
| Atmel | ATTiny861 (ISP-SPI)            | (138)        |
| Atmel | ATTiny861 [MLF20]              | (575)        |
| Atmel | ATTiny861 [MLF32]              | (221)        |
| Atmel | ATTiny861 [SOIC20]             | (119)        |
| Atmel | ATTiny861 [TSSOP20]            | (1089)       |
| Atmel | ATTiny861A                     |              |
| Atmel | ATTiny861A (ISP-SPI)           | (138)        |
| Atmel | ATTiny861A [MLF32]             | (221)        |
| Atmel | ATTiny861A [SOIC20]            | (119)        |
| Atmel | ATTiny861A [TSSOP20]           | (1089)       |
| Atmel | ATTiny861V                     |              |
| Atmel | ATTiny861V (ISP-SPI)           | (138)        |
| Atmel | ATTiny861V [MLF32]             | (221)        |
| Atmel | ATTiny861V [SOIC20]            | (119)        |
| Atmel | ATTiny87 (ISP-SPI)             | (138)        |
| Atmel | ATTiny87 [QFN32]               | (221)        |
| Atmel | ATTiny87 [SOIC20]              | (119)        |
| Atmel | ATTiny87 [TSSOP20]             | (1089)       |
| Atmel | ATTiny88                       |              |
| Atmel | ATTiny88 (ISP-SPI)             | (138)        |
| Atmel | ATTiny88 [MLF28]               | (1005)       |
| Atmel | ATTiny88 [MLF32]               | (221)        |
| Atmel | ATTiny88 [TQFP32]              | (159)        |
| Atmel | ATTiny88 [UFPGA32]             | (2141)       |
| Atmel | ATTiny88V                      |              |
| Atmel | ATTiny88V (ISP-SPI)            | (138)        |
| Atmel | ATTiny88V [MLF28]              | (1005)       |
| Atmel | ATTiny88V [MLF32]              | (221)        |
| Atmel | ATTiny88V [TQFP32]             | (159)        |
| Atmel | ATTiny88V [UFPGA32]            | (2141)       |
| Atmel | ATTiny9 (ISP-TPI)              | (138)        |
| Atmel | ATTiny9 [SOT-23]               | (523)        |
| Atmel | ATTiny9 [UDFN8]                | (1535)       |
| Atmel | ATUC128D3 (ISP-JTAG)           | (138)        |
| Atmel | ATUC128D3 [QFN64]              | (2384)       |
| Atmel | ATUC128D3 [TQFP64]             | (1453)       |
| Atmel | ATUC128D4 (ISP-JTAG)           | (138)        |
| Atmel | ATUC128D4 [QFN48]              | (567)        |
| Atmel | ATUC128D4 [TQFP48]             | (174)        |
| Atmel | ATUC128L3U (ISP-JTAG)          | (138) (9997) |



|       |                     |            |              |
|-------|---------------------|------------|--------------|
| Atmel | ATUC128L3U          | [QFN64]    | (3013)       |
| Atmel | ATUC128L3U          | [TQFP64]   | (2968)       |
| Atmel | ATUC128L4U          | (ISP-JTAG) | (138) (9997) |
| Atmel | ATUC128L4U          | [QFN48]    | (2759)       |
| Atmel | ATUC128L4U          | [TLLGA48]  | (2760)       |
| Atmel | ATUC128L4U          | [TQFP48]   | (2758)       |
| Atmel | ATUC256L3U          | (ISP-JTAG) | (138) (9997) |
| Atmel | ATUC256L3U          | [QFN64]    | (3013)       |
| Atmel | ATUC256L3U          | [TQFP64]   | (2968)       |
| Atmel | ATUC256L4U          | (ISP-JTAG) | (138) (9997) |
| Atmel | ATUC256L4U          | [QFN48]    | (2759)       |
| Atmel | ATUC256L4U          | [TLLGA48]  | (2760)       |
| Atmel | ATUC256L4U          | [TQFP48]   | (2758)       |
| Atmel | ATUC64D3            | (ISP-JTAG) | (138)        |
| Atmel | ATUC64D3            | [QFN64]    | (2384)       |
| Atmel | ATUC64D3            | [TQFP64]   | (1453)       |
| Atmel | ATUC64D4            | (ISP-JTAG) | (138)        |
| Atmel | ATUC64D4            | [QFN48]    | (567)        |
| Atmel | ATUC64D4            | [TQFP48]   | (174)        |
| Atmel | ATUC64L3U           | (ISP-JTAG) | (138) (9997) |
| Atmel | ATUC64L3U           | [QFN64]    | (3013)       |
| Atmel | ATUC64L3U           | [TQFP64]   | (2968)       |
| Atmel | ATUC64L4U           | (ISP-JTAG) | (138) (9997) |
| Atmel | ATUC64L4U           | [QFN48]    | (2759)       |
| Atmel | ATUC64L4U           | [TLLGA48]  | (2760)       |
| Atmel | ATUC64L4U           | [TQFP48]   | (2758)       |
| Atmel | ATV2500B            |            |              |
| Atmel | ATV2500B            | [PLCC44]   | (67)         |
| Atmel | ATV2500B as 2500H   |            |              |
| Atmel | ATV2500B as 2500H   | [PLCC44]   | (67)         |
| Atmel | ATV2500B as 2500L   |            |              |
| Atmel | ATV2500B as 2500L   | [PLCC44]   | (67)         |
| Atmel | ATV2500BL           |            |              |
| Atmel | ATV2500BL           | [PLCC44]   | (67)         |
| Atmel | ATV2500BL as 2500H  |            |              |
| Atmel | ATV2500BL as 2500H  | [PLCC44]   | (67)         |
| Atmel | ATV2500BL as 2500L  |            |              |
| Atmel | ATV2500BL as 2500L  | [PLCC44]   | (67)         |
| Atmel | ATV2500BQ           |            |              |
| Atmel | ATV2500BQ           | [PLCC44]   | (67)         |
| Atmel | ATV2500BQ as 2500H  |            |              |
| Atmel | ATV2500BQ as 2500H  | [PLCC44]   | (67)         |
| Atmel | ATV2500BQ as 2500L  |            |              |
| Atmel | ATV2500BQ as 2500L  | [PLCC44]   | (67)         |
| Atmel | ATV2500BQL          |            |              |
| Atmel | ATV2500BQL          | [PLCC44]   | (67)         |
| Atmel | ATV2500BQL as 2500H |            |              |
| Atmel | ATV2500BQL as 2500H | [PLCC44]   | (67)         |
| Atmel | ATV2500BQL as 2500L |            |              |
| Atmel | ATV2500BQL as 2500L | [PLCC44]   | (67)         |
| Atmel | ATV2500BV           |            |              |
| Atmel | ATV2500BV           | [PLCC44]   | (67)         |
| Atmel | ATV2500BV as 2500H  |            |              |
| Atmel | ATV2500BV as 2500H  | [PLCC44]   | (67)         |
| Atmel | ATV2500BV as 2500L  |            |              |
| Atmel | ATV2500BV as 2500L  | [PLCC44]   | (67)         |
| Atmel | ATV2500BVL          |            |              |
| Atmel | ATV2500BVL          | [PLCC44]   | (67)         |
| Atmel | ATV2500BVL as 2500H |            |              |
| Atmel | ATV2500BVL as 2500H | [PLCC44]   | (67)         |
| Atmel | ATV2500BVL as 2500L |            |              |
| Atmel | ATV2500BVL as 2500L | [PLCC44]   | (67)         |
| Atmel | ATV2500H            |            |              |
| Atmel | ATV2500H            | [LCC44]    | (739)        |
| Atmel | ATV2500H            | [PLCC44]   | (67)         |
| Atmel | ATV2500L            |            |              |
| Atmel | ATV2500L            | [LCC44]    | (739)        |
| Atmel | ATV2500L            | [PLCC44]   | (67)         |
| Atmel | ATV750              |            |              |
| Atmel | ATV750              | [LCC28]    | (633)        |
| Atmel | ATV750              | [PLCC28]   | (48)         |
| Atmel | ATV750              | [SOIC24]   | (1062)       |
| Atmel | ATV750B             |            |              |
| Atmel | ATV750B             | [LCC28]    | (633)        |
| Atmel | ATV750B             | [PLCC28]   | (48)         |
| Atmel | ATV750B             | [SOIC24]   | (1062)       |
| Atmel | ATV750B as ATV750   |            |              |
| Atmel | ATV750B as ATV750   | [LCC28]    | (633)        |
| Atmel | ATV750B as ATV750   | [PLCC28]   | (48)         |
| Atmel | ATV750B as ATV750   | [SOIC24]   | (1062)       |
| Atmel | ATV750B as ATV750L  |            |              |
| Atmel | ATV750B as ATV750L  | [LCC28]    | (633)        |
| Atmel | ATV750B as ATV750L  | [PLCC28]   | (48)         |
| Atmel | ATV750B as ATV750L  | [SOIC24]   | (1062)       |
| Atmel | ATV750BL            |            |              |
| Atmel | ATV750BL            | [LCC28]    | (633)        |
| Atmel | ATV750BL            | [PLCC28]   | (48)         |
| Atmel | ATV750BL            | [SOIC24]   | (1062)       |
| Atmel | ATV750BL as ATV750  |            |              |
| Atmel | ATV750BL as ATV750  | [LCC28]    | (633)        |
| Atmel | ATV750BL as ATV750  | [PLCC28]   | (48)         |
| Atmel | ATV750BL as ATV750  | [SOIC24]   | (1062)       |
| Atmel | ATV750BL as ATV750L |            |              |
| Atmel | ATV750BL as ATV750L | [LCC28]    | (633)        |
| Atmel | ATV750BL as ATV750L | [PLCC28]   | (48)         |
| Atmel | ATV750BL as ATV750L | [SOIC24]   | (1062)       |
| Atmel | ATV750BQ            |            |              |
| Atmel | ATV750BQ            | [LCC28]    | (633)        |
| Atmel | ATV750BQ            | [PLCC28]   | (48)         |
| Atmel | ATV750BQ            | [SOIC24]   | (1062)       |
| Atmel | ATV750BQL           |            |              |
| Atmel | ATV750BQL           | [LCC28]    | (633)        |
| Atmel | ATV750BQL           | [PLCC28]   | (48)         |
| Atmel | ATV750BQL           | [SOIC24]   | (1062)       |
| Atmel | ATV750L             |            |              |
| Atmel | ATV750L             | [LCC28]    | (633)        |
| Atmel | ATV750L             | [PLCC28]   | (48)         |
| Atmel | ATV750L             | [SOIC24]   | (1062)       |
| Atmel | ATXmega128A1        | (ISP-JTAG) | (138)        |
| Atmel | ATXmega128A1        | (ISP-PDI)  | (1433)       |
| Atmel | ATXmega128A1        | [CBGA100]  | (1538)       |
| Atmel | ATXmega128A1        | [TQFP100]  | (1450)       |
| Atmel | ATXmega128A1        | [VFBGA100] | (1536)       |
| Atmel | ATXmega128A1U       | (ISP-JTAG) | (138)        |
| Atmel | ATXmega128A1U       | (ISP-PDI)  | (1433)       |
| Atmel | ATXmega128A1U       | [BGA100]   | (1538)       |
| Atmel | ATXmega128A1U       | [TQFP100]  | (1450)       |
| Atmel | ATXmega128A1U       | [VFBGA100] | (1536)       |
| Atmel | ATXmega128A3        | (ISP-JTAG) | (138)        |
| Atmel | ATXmega128A3        | (ISP-PDI)  | (1433)       |
| Atmel | ATXmega128A3        | [QFN64]    | (3091)       |
| Atmel | ATXmega128A3        | [TQFP64]   | (1309)       |
| Atmel | ATXmega128A3U       | (ISP-JTAG) | (138)        |
| Atmel | ATXmega128A3U       | (ISP-PDI)  | (1433)       |
| Atmel | ATXmega128A3U       | [QFN64]    | (3091)       |
| Atmel | ATXmega128A3U       | [TQFP64]   | (1309)       |
| Atmel | ATXmega128A4        | (ISP-PDI)  | (1433)       |
| Atmel | ATXmega128A4        | [TQFP44]   | (1454)       |

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| Atmel | ATXmega128A4   | [VQFN44]   | (1455)        |
| Atmel | ATXmega128A4U  | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega128A4U  | [TQFP44]   | (1454)        |
| Atmel | ATXmega128A4U  | [VFBGA49]  | (1537)        |
| Atmel | ATXmega128A4U  | [VQFN44]   | (1455)        |
| Atmel | ATXmega128B1   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega128B1   | [TQFP100]  | (2715)        |
| Atmel | ATXmega128B1   | [VFBGA100] | (3187)        |
| Atmel | ATXmega128B3   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega128B3   | [DRQFN64]  | (3186)        |
| Atmel | ATXmega128B3   | [QFN64]    | (2826)        |
| Atmel | ATXmega128B3   | [TQFP64]   | (2714)        |
| Atmel | ATXmega128C3   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega128C3   | [TQFP64]   | (1309)        |
| Atmel | ATXmega128C3   | [VQFN64]   | (3091)        |
| Atmel | ATXmega128D3   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega128D3   | [QFN64]    | (3091)        |
| Atmel | ATXmega128D3   | [TQFP64]   | (1309)        |
| Atmel | ATXmega128D4   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega128D4   | [TQFP44]   | (1454)        |
| Atmel | ATXmega128D4   | [VFBGA49]  | (1537)        |
| Atmel | ATXmega128D4   | [VQFN44]   | (1455)        |
| Atmel | ATXmega16A4    | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega16A4    | [TQFP44]   | (1454)        |
| Atmel | ATXmega16A4    | [VFBGA49]  | (1537)        |
| Atmel | ATXmega16A4    | [VQFN44]   | (1455)        |
| Atmel | ATXmega16A4U   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega16A4U   | [TQFP44]   | (1454)        |
| Atmel | ATXmega16A4U   | [VFBGA49]  | (1537)        |
| Atmel | ATXmega16A4U   | [VQFN44]   | (1455)        |
| Atmel | ATXmega16C4    | (ISP-PDI)  | (1433) (9997) |
| Atmel | ATXmega16C4    | [TQFP44]   | (1454)        |
| Atmel | ATXmega16C4    | [VFBGA49]  | (1537)        |
| Atmel | ATXmega16C4    | [VQFN44]   | (1455)        |
| Atmel | ATXmega16D4    | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega16D4    | [TQFP44]   | (1454)        |
| Atmel | ATXmega16D4    | [VFBGA49]  | (1537)        |
| Atmel | ATXmega16D4    | [VQFN44]   | (1455)        |
| Atmel | ATXmega16E5    | (ISP-PDI)  | (1433) (9997) |
| Atmel | ATXmega16E5    | [TQFP32]   | (2906)        |
| Atmel | ATXmega16E5    | [UQFN32]   | (3117)        |
| Atmel | ATXmega16E5    | [VQFN32]   | (3116)        |
| Atmel | ATXmega192A1   | (ISP-JTAG) | (138)         |
| Atmel | ATXmega192A1   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega192A1   | [CBGA100]  | (1538)        |
| Atmel | ATXmega192A1   | [TQFP100]  | (1450)        |
| Atmel | ATXmega192A3   | (ISP-JTAG) | (138)         |
| Atmel | ATXmega192A3   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega192A3   | [QFN64]    | (3091)        |
| Atmel | ATXmega192A3   | [TQFP64]   | (1309)        |
| Atmel | ATXmega192A3U  | (ISP-JTAG) | (138)         |
| Atmel | ATXmega192A3U  | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega192A3U  | [QFN64]    | (3091)        |
| Atmel | ATXmega192A3U  | [TQFP64]   | (1309)        |
| Atmel | ATXmega192C3   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega192C3   | [TQFP64]   | (1309)        |
| Atmel | ATXmega192C3   | [VQFN64]   | (3091)        |
| Atmel | ATXmega192D3   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega192D3   | [QFN64]    | (3091)        |
| Atmel | ATXmega192D3   | [TQFP64]   | (1309)        |
| Atmel | ATXmega256A1   | (ISP-JTAG) | (138)         |
| Atmel | ATXmega256A1   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega256A1   | [CBGA100]  | (1538)        |
| Atmel | ATXmega256A1   | [TQFP100]  | (1450)        |
| Atmel | ATXmega256A3   | (ISP-JTAG) | (138)         |
| Atmel | ATXmega256A3   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega256A3   | [QFN64]    | (3091)        |
| Atmel | ATXmega256A3   | [TQFP64]   | (1309)        |
| Atmel | ATXmega256A3B  | (ISP-JTAG) | (138)         |
| Atmel | ATXmega256A3B  | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega256A3B  | [QFN64]    | (3091)        |
| Atmel | ATXmega256A3B  | [TQFP64]   | (1309)        |
| Atmel | ATXmega256A3BU | (ISP-JTAG) | (138)         |
| Atmel | ATXmega256A3BU | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega256A3BU | [QFN64]    | (3091)        |
| Atmel | ATXmega256A3BU | [TQFP64]   | (1309)        |
| Atmel | ATXmega256A3U  | (ISP-JTAG) | (138)         |
| Atmel | ATXmega256A3U  | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega256A3U  | [QFN64]    | (3091)        |
| Atmel | ATXmega256A3U  | [TQFP64]   | (1309)        |
| Atmel | ATXmega256C3   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega256C3   | [TQFP64]   | (1309)        |
| Atmel | ATXmega256C3   | [VQFN64]   | (3091)        |
| Atmel | ATXmega256D3   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega256D3   | [QFN64]    | (3091)        |
| Atmel | ATXmega256D3   | [TQFP64]   | (1309)        |
| Atmel | ATXmega32A4    | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega32A4    | [TQFP44]   | (1454)        |
| Atmel | ATXmega32A4    | [VFBGA49]  | (1537)        |
| Atmel | ATXmega32A4    | [VQFN44]   | (1455)        |
| Atmel | ATXmega32A4U   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega32A4U   | [TQFP44]   | (1454)        |
| Atmel | ATXmega32A4U   | [VFBGA49]  | (1537)        |
| Atmel | ATXmega32A4U   | [VQFN44]   | (1455)        |
| Atmel | ATXmega32C3    | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega32C3    | [TQFP64]   | (1309)        |
| Atmel | ATXmega32C3    | [VQFN64]   | (3091)        |
| Atmel | ATXmega32C4    | (ISP-PDI)  | (1433) (9997) |
| Atmel | ATXmega32C4    | [TQFP44]   | (1454)        |
| Atmel | ATXmega32C4    | [VFBGA49]  | (1537)        |
| Atmel | ATXmega32C4    | [VQFN44]   | (1455)        |
| Atmel | ATXmega32D3    | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega32D3    | [QFN64]    | (3091)        |
| Atmel | ATXmega32D3    | [TQFP64]   | (1309)        |
| Atmel | ATXmega32D4    | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega32D4    | [TQFP44]   | (1454)        |
| Atmel | ATXmega32D4    | [VFBGA49]  | (1537)        |
| Atmel | ATXmega32D4    | [VQFN44]   | (1455)        |
| Atmel | ATXmega32D4P   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega32D4P   | [TQFP44]   | (1454)        |
| Atmel | ATXmega32D4P   | [VFBGA49]  | (1537)        |
| Atmel | ATXmega32D4P   | [VQFN44]   | (1455)        |
| Atmel | ATXmega32E5    | (ISP-PDI)  | (1433) (9997) |
| Atmel | ATXmega32E5    | [TQFP32]   | (2906)        |
| Atmel | ATXmega32E5    | [UQFN32]   | (3117)        |
| Atmel | ATXmega32E5    | [VQFN32]   | (3116)        |
| Atmel | ATXmega384C3   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega384C3   | [TQFP64]   | (1309)        |
| Atmel | ATXmega384C3   | [VQFN64]   | (3091)        |
| Atmel | ATXmega384D3   | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega384D3   | [QFN64]    | (3091)        |
| Atmel | ATXmega384D3   | [TQFP64]   | (1309)        |
| Atmel | ATXmega64A1    | (ISP-JTAG) | (138)         |
| Atmel | ATXmega64A1    | (ISP-PDI)  | (1433)        |
| Atmel | ATXmega64A1    | [CBGA100]  | (1538)        |
| Atmel | ATXmega64A1    | [TQFP100]  | (1450)        |
| Atmel | ATXmega64A1    | [VFBGA100] | (1536)        |
| Atmel | ATXmega64A1U   | (ISP-JTAG) | (138)         |

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|-------|-----------------|--------------------|---------------|
| Atmel | ATXmega64A1u    | (ISP-PDI)          | (1433)        |
| Atmel | ATXmega64A1u    | [BGA100]           | (1538)        |
| Atmel | ATXmega64A1u    | [TQFP100]          | (1450)        |
| Atmel | ATXmega64A1u    | [VFBGA100]         | (1536)        |
| Atmel | ATXmega64A3     | (ISP-JTAG)         | (138)         |
| Atmel | ATXmega64A3     | (ISP-PDI)          | (1433)        |
| Atmel | ATXmega64A3     | [QFN64]            | (3091)        |
| Atmel | ATXmega64A3     | [TQFP64]           | (1309)        |
| Atmel | ATXmega64A3u    | (ISP-JTAG)         | (138)         |
| Atmel | ATXmega64A3u    | (ISP-PDI)          | (1433)        |
| Atmel | ATXmega64A3u    | [QFN64]            | (3091)        |
| Atmel | ATXmega64A3u    | [TQFP64]           | (1309)        |
| Atmel | ATXmega64A4     | (ISP-PDI)          | (1433)        |
| Atmel | ATXmega64A4     | [TQFP44]           | (1454)        |
| Atmel | ATXmega64A4     | [VQFN44]           | (1455)        |
| Atmel | ATXmega64A4u    | (ISP-PDI)          | (1433)        |
| Atmel | ATXmega64A4u    | [TQFP44]           | (1454)        |
| Atmel | ATXmega64A4u    | [VFBGA49]          | (1537)        |
| Atmel | ATXmega64A4u    | [VQFN44]           | (1455)        |
| Atmel | ATXmega64B1     | (ISP-PDI)          | (1433)        |
| Atmel | ATXmega64B1     | [TQFP100]          | (2715)        |
| Atmel | ATXmega64B1     | [VFBGA100]         | (3187)        |
| Atmel | ATXmega64B3     | (ISP-PDI)          | (1433)        |
| Atmel | ATXmega64B3     | [QFN64]            | (2826)        |
| Atmel | ATXmega64B3     | [TQFP64]           | (2714)        |
| Atmel | ATXmega64C3     | (ISP-PDI)          | (1433)        |
| Atmel | ATXmega64C3     | [TQFP64]           | (1309)        |
| Atmel | ATXmega64C3     | [VQFN64]           | (3091)        |
| Atmel | ATXmega64D3     | (ISP-PDI)          | (1433)        |
| Atmel | ATXmega64D3     | [QFN64]            | (3091)        |
| Atmel | ATXmega64D3     | [TQFP64]           | (1309)        |
| Atmel | ATXmega64D3     | [TQFP64] (MF pkg.) | (3153)        |
| Atmel | ATXmega64D4     | (ISP-PDI)          | (1433)        |
| Atmel | ATXmega64D4     | [TQFP44]           | (1454)        |
| Atmel | ATXmega64D4     | [VFBGA49]          | (1537)        |
| Atmel | ATXmega64D4     | [VQFN44]           | (1455)        |
| Atmel | ATXmega8E5      | (ISP-PDI)          | (1433) (9997) |
| Atmel | ATXmega8E5      | [TQFP32]           | (2906)        |
| Atmel | ATXmega8E5      | [UQFN32]           | (3117)        |
| Atmel | ATXmega8E5      | [VQFN32]           | (3116)        |
| Atmel | ATZB-24-A2      | (ISP-JTAG)         | (138)         |
| Atmel | ATZB-24-B0      | (ISP-JTAG)         | (138)         |
| Atmel | ATZB-900-B0     | (ISP-JTAG)         | (138)         |
| Atmel | ATZB-A24-U0     | (ISP-JTAG)         | (138)         |
| Atmel | ATZB-A24-UFL    | (ISP-JTAG)         | (138)         |
| Atmel | mXT337TPTP      | [UQFN56]           | (4625)        |
| Atmel | mXT641T-B       | [TQFP100]          | (4101) (9999) |
| Atmel | T87251G1A       |                    |               |
| Atmel | T87251G1A       | [PLCC44]           | (67)          |
| Atmel | T87251G2D       |                    |               |
| Atmel | T87251G2D       | [PLCC44]           | (67)          |
| Atmel | T87251G2D       | [VQFP44]           | (94)          |
| Atmel | T87C5101        |                    |               |
| Atmel | T87C5101        | [SO24]             | (1062)        |
| Atmel | T87C5101        | [SO28]             | (51)          |
| Atmel | T87C5101        | [SSOP24]           | (1103)        |
| Atmel | T89C5115        | [PLCC28]           | (48)          |
| Atmel | T89C5115        | [SOIC28]           | (51)          |
| Atmel | T89C5115        | [VQFP32]           | (159)         |
| Atmel | T89C5131        | [MLF48]            | (567)         |
| Atmel | T89C5131        | [PLCC52]           | (156)         |
| Atmel | T89C5131        | [SO28]             | (51)          |
| Atmel | T89C5131        | [VQFP64]           | (458)         |
| Atmel | T89C5131A-XL    | [PLCC52]           | (156)         |
| Atmel | T89C5131A-XL    | [SO28]             | (51)          |
| Atmel | T89C5131A-XL    | [VQFP64]           | (458)         |
| Atmel | T89C5131A-XM    | [PLCC52]           | (156)         |
| Atmel | T89C5131A-XM    | [QFN32]            | (517)         |
| Atmel | T89C5131A-XM    | [VQFP64]           | (458)         |
| Atmel | T89C51AC2-XM    | (ISP)              | (138)         |
| Atmel | T89C51AC2-XM    | [PLCC44]           | (67)          |
| Atmel | T89C51AC2-XM    | [VQFP44]           | (94)          |
| Atmel | T89C51CC01CA-XM | (ISP)              | (138)         |
| Atmel | T89C51CC01CA-XM | [CBGA64]           | (615)         |
| Atmel | T89C51CC01CA-XM | [PLCC44]           | (67)          |
| Atmel | T89C51CC01CA-XM | [TQFP44]           | (94)          |
| Atmel | T89C51CC01CA-XM | [VQFP44]           | (94)          |
| Atmel | T89C51CC01C-XM  | (ISP)              | (138)         |
| Atmel | T89C51CC01C-XM  | [CBGA64]           | (615)         |
| Atmel | T89C51CC01C-XM  | [PLCC44]           | (67)          |
| Atmel | T89C51CC01C-XM  | [TQFP44]           | (94)          |
| Atmel | T89C51CC01C-XM  | [VQFP44]           | (94)          |
| Atmel | T89C51CC01UA-XM | (ISP)              | (138)         |
| Atmel | T89C51CC01UA-XM | [CBGA64]           | (615)         |
| Atmel | T89C51CC01UA-XM | [PLCC44]           | (67)          |
| Atmel | T89C51CC01UA-XM | [TQFP44]           | (94)          |
| Atmel | T89C51CC01UA-XM | [VQFP44]           | (94)          |
| Atmel | T89C51CC01U-XM  | (ISP)              | (138)         |
| Atmel | T89C51CC01U-XM  | [CBGA64]           | (615)         |
| Atmel | T89C51CC01U-XM  | [PLCC44]           | (67)          |
| Atmel | T89C51CC01U-XM  | [TQFP44]           | (94)          |
| Atmel | T89C51CC01U-XM  | [VQFP44]           | (94)          |
| Atmel | T89C51CC02CA-XM | [PLCC28]           | (48)          |
| Atmel | T89C51CC02CA-XM | [SOIC28]           | (51)          |
| Atmel | T89C51CC02CA-XM | [VQFP32]           | (159)         |
| Atmel | T89C51CC02C-XM  | [PLCC28]           | (48)          |
| Atmel | T89C51CC02C-XM  | [SOIC28]           | (51)          |
| Atmel | T89C51CC02C-XM  | [VQFP32]           | (159)         |
| Atmel | T89C51CC02UA-XM | [PLCC28]           | (48)          |
| Atmel | T89C51CC02UA-XM | [SOIC28]           | (51)          |
| Atmel | T89C51CC02UA-XM | [VQFP32]           | (159)         |
| Atmel | T89C51CC02U-XM  | [PLCC28]           | (48)          |
| Atmel | T89C51CC02U-XM  | [SOIC28]           | (51)          |
| Atmel | T89C51CC02U-XM  | [VQFP32]           | (159)         |
| Atmel | T89C51IB2-XM    |                    |               |
| Atmel | T89C51IB2-XM    | (ISP)              | (138)         |
| Atmel | T89C51IB2-XM    | [PLCC44]           | (67)          |
| Atmel | T89C51IB2-XM    | [VQFP44]           | (94)          |
| Atmel | T89C51IC2-XL    |                    |               |
| Atmel | T89C51IC2-XL    | (ISP)              | (138)         |
| Atmel | T89C51IC2-XL    | [PLCC44]           | (67)          |
| Atmel | T89C51IC2-XL    | [VQFP44]           | (94)          |
| Atmel | T89C51IC2-XM    |                    |               |
| Atmel | T89C51IC2-XM    | (ISP)              | (138)         |
| Atmel | T89C51IC2-XM    | [PLCC44]           | (67)          |
| Atmel | T89C51IC2-XM    | [VQFP44]           | (94)          |
| Atmel | T89C51RB2-XL    | (ISP)              | (138)         |
| Atmel | T89C51RB2-XM    |                    |               |
| Atmel | T89C51RB2-XM    | (ISP)              | (138)         |
| Atmel | T89C51RB2-XM    | [PLCC44]           | (67)          |
| Atmel | T89C51RB2-XM    | [VQFP44]           | (94)          |
| Atmel | T89C51RC2-XL    |                    |               |
| Atmel | T89C51RC2-XL    | (ISP)              | (138)         |
| Atmel | T89C51RC2-XL    | [PLCC44]           | (67)          |
| Atmel | T89C51RC2-XL    | [VQFP44]           | (94)          |
| Atmel | T89C51RC2-XM    |                    |               |
| Atmel | T89C51RC2-XM    | (ISP)              | (138)         |
| Atmel | T89C51RC2-XM    | [PLCC44]           | (67)          |

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|--------------------|----------------------------|--------------|
| Atmel              | T89C51RC2-xM [VQFP44]      | (94)         |
| Atmel              | T89C51RD2-xL               |              |
| Atmel              | T89C51RD2-xL (ISP)         | (138)        |
| Atmel              | T89C51RD2-xL [PLCC44]      | (67)         |
| Atmel              | T89C51RD2-xL [PLCC68]      | (178)        |
| Atmel              | T89C51RD2-xL [VQFP44]      | (94)         |
| Atmel              | T89C51RD2-xL [VQFP64]      | (152)        |
| Atmel              | T89C51RD2-xM               |              |
| Atmel              | T89C51RD2-xM (ISP)         | (138)        |
| Atmel              | T89C51RD2-xM [PLCC44]      | (67)         |
| Atmel              | T89C51RD2-xM [PLCC68]      | (178)        |
| Atmel              | T89C51RD2-xM [VQFP44]      | (94)         |
| Atmel              | T89C51RD2-xM [VQFP64]      | (152)        |
| Atmel              | T89C51SND1 [TQFP80]        | (150)        |
| Atmel              | T89C51SND1C [CBGA81]       | (614)        |
| Atmel              | T89C51SND1C [TQFP80]       | (150)        |
| Atmel              | T89F64-L                   |              |
| Atmel              | T89F64-L [PLCC44]          | (67)         |
| Atmel              | T89F64-L [PLCC68]          | (178)        |
| Atmel              | T89F64-L [VQFP44]          | (94)         |
| Atmel              | T89F64-L [VQFP64]          | (152)        |
| Atmel              | T89F64-M                   |              |
| Atmel              | T89F64-M [PLCC44]          | (67)         |
| Atmel              | T89F64-M [PLCC68]          | (178)        |
| Atmel              | T89F64-M [VQFP44]          | (94)         |
| Atmel              | T89F64-M [VQFP64]          | (152)        |
| Atmel              | TS87C51RA2                 |              |
| Atmel              | TS87C51RA2 [PLCC44]        | (67)         |
| Atmel              | TS87C51RA2 [VQFP44]        | (94)         |
| Atmel              | TS87C51RB2                 |              |
| Atmel              | TS87C51RB2 [PLCC44]        | (67)         |
| Atmel              | TS87C51RB2 [VQFP44]        | (94)         |
| Atmel              | TS87C51RC2                 |              |
| Atmel              | TS87C51RC2 [PLCC44]        | (67)         |
| Atmel              | TS87C51RC2 [VQFP44]        | (94)         |
| Atmel              | TS87C51RD2                 |              |
| Atmel              | TS87C51RD2 [PLCC44]        | (67)         |
| Atmel              | TS87C51RD2 [VQFP44]        | (94)         |
| Atmel              | TS87C52X2                  |              |
| Atmel              | TS87C52X2 [PLCC44]         | (67)         |
| Atmel              | TS87C52X2 [PQFP44]         | (106)        |
| Atmel              | TS87C52X2 [VQFP44]         | (94)         |
| Atmel              | TS87C54X2                  |              |
| Atmel              | TS87C54X2 [PLCC44]         | (67)         |
| Atmel              | TS87C54X2 [VQFP44]         | (94)         |
| Atmel              | TS87C58X2                  |              |
| Atmel              | TS87C58X2 [PLCC44]         | (67)         |
| Atmel              | TS87C58X2 [VQFP44]         | (94)         |
| Atmel              | TSC87251G1A                |              |
| Atmel              | TSC87251G1A [PLCC44]       | (67)         |
| Atmel              | TSC87251G2D                |              |
| Atmel              | TSC87251G2D [PLCC44]       | (67)         |
| Atmel              | TSC87251G2D [VQFP44]       | (94)         |
| Atmel              | TSC87251G2D-L              |              |
| Atmel              | TSC87251G2D-L [PLCC44]     | (67)         |
| Atmel              | TSC87251G2D-L [VQFP44]     | (94)         |
| Atmel              | WISC35D3NA (ISP)           | (138) (9997) |
| Atmel              | WISC35D3NA [TFBGA104]      | (3137)       |
| ATO Solution       | AFND1208S1-CKC [FBGA48]    | (2753)       |
| ATO Solution       | AFND1208U1-CKA [TSOP48]    | (1266) (*1)  |
| ATO Solution       | AFND1208U1-CKC [FBGA48]    | (2753)       |
| ATO Solution       | AFND1G08S3-CKD [FBGA48]    | (3126)       |
| ATO Solution       | AFND1G08U3A-CKA [TSOP48]   | (1266) (*1)  |
| ATO Solution       | AFND1G08U3A-CKD [FBGA48]   | (3126)       |
| ATO Solution       | AFND1G08U3-CKA [TSOP48]    | (1266) (*1)  |
| ATO Solution       | AFND1G08U3-CKC [FBGA48]    | (2753)       |
| ATO Solution       | AFND1G08U3-CKD [FBGA48]    | (3126)       |
| ATO Solution       | AFND2G08U3A-CKA [TSOP48]   | (1266) (*1)  |
| ATO Solution       | AFND2G08U3A-CKD [FBGA48]   | (3126)       |
| ATO Solution       | AFND2G08U3-CKA [TSOP48]    | (1266) (*1)  |
| ATO Solution       | AFND4G08U3A-CKA [TSOP48]   | (1266) (*1)  |
| ATO Solution       | AFND4G08U3A-CKE [FBGA63]   | (2690) (*1)  |
| ATO Solution       | AFND5608S1-CKA [TSOP48]    | (1266) (*1)  |
| ATO Solution       | AFND5608S1-CKC [FBGA48]    | (2753)       |
| ATO Solution       | AFND5608U1-CKA [TSOP48]    | (1266) (*1)  |
| ATO Solution       | AFND5608U1-CKAK [TSOP48]   | (1266) (*1)  |
| ATO Solution       | ATO25D1GA-10XD [WSON8]     | (4914) (*1)  |
| ATO Solution       | MST5F08G16HNNH [FBGA119]   | (3411)       |
| ATO Solution       | MST8A08B16FMHF-5 [FBGA107] | (687)        |
| AUO                | AUO-G1422.1U [WQFN32]      | (1294)       |
| AUO                | AUO-G1422.29 [QFN32]       | (1294)       |
| AUO                | AUO-G1422.2H [TQFN32]      | (1294)       |
| AUO                | AUO-L102.16 [QFN20]        | (3068)       |
| AUO                | AUO-L102.1V [QFN20]        | (3068)       |
| AUO                | AUO-P101.16 [QFN28]        | (3069)       |
| AUO                | AUO-P303.11 [WQFN40]       | (3183)       |
| Austin Semic. Inc. | AS28F128J3APBG [FBGA64]    | (943)        |
| Austin Semic. Inc. | AS28F128J3ARG [TSOP56]     | (1400)       |
| Austin Semic. Inc. | AS28F128J3MPBG [FBGA64]    | (943)        |
| Austin Semic. Inc. | AS28F128J3MRG [TSOP56]     | (1400)       |
| Austin Semic. Inc. | AS29F010CW                 |              |
| Austin Semic. Inc. | AS29F010DCG                | (98)         |
| Austin Semic. Inc. | AS29F040CW                 |              |
| Austin Semic. Inc. | AS29F040DCG                | (98)         |
| Austin Semic. Inc. | AS29F040ECA [LCC32]        | (1384)       |
| Austin Semic. Inc. | AS29LV016B [TSOP48]        | (1346)       |
| Austin Semic. Inc. | AS29LV016JB [TSOP48]       | (1346)       |
| Austin Semic. Inc. | AS29LV016JT [TSOP48]       | (1346)       |
| Austin Semic. Inc. | AS29LV016T [TSOP48]        | (1346)       |
| Austin Semic. Inc. | AS8E512K8                  |              |
| Austin Semic. Inc. | SMJ27C010A                 |              |
| Austin Semic. Inc. | SMJ27C040                  |              |
| Austin Semic. Inc. | SMJ27C256                  |              |
| Austin Semic. Inc. | SMJ27C512                  |              |
| AXElite Technology | AX24C02 (ISP)              | (138)        |
| AXElite Technology | AX24C02 [SOP8]             | (950)        |
| AXElite Technology | AX24C02 [TSSOP8]           | (121)        |
| AXElite Technology | AX24C02A (ISP)             | (138)        |
| AXElite Technology | AX24C02A [SOP8]            | (950)        |
| AXElite Technology | AX24C02A [SOT23-5]         | (523)        |
| AXElite Technology | AX24C02A [TDFN8]           | (2995)       |
| AXElite Technology | AX24C02A [TSSOP8]          | (121)        |
| AXElite Technology | AX24C04 (ISP)              | (138)        |
| AXElite Technology | AX24C04 [SOP8]             | (950)        |
| AXElite Technology | AX24C04 [TSSOP8]           | (121)        |
| AXElite Technology | AX24C04A (ISP)             | (138)        |
| AXElite Technology | AX24C04A [SOP8]            | (950)        |
| AXElite Technology | AX24C04A [SOT23-5]         | (523)        |
| AXElite Technology | AX24C04A [TDFN8]           | (2995)       |
| AXElite Technology | AX24C04A [TSSOP8]          | (121)        |
| AXElite Technology | AX24C08 (ISP)              | (138)        |
| AXElite Technology | AX24C08 [SOP8]             | (950)        |
| AXElite Technology | AX24C08 [TSSOP8]           | (121)        |
| AXElite Technology | AX24C08A (ISP)             | (138)        |
| AXElite Technology | AX24C08A [SOP8]            | (950)        |
| AXElite Technology | AX24C08A [SOT23-5]         | (523)        |
| AXElite Technology | AX24C08A [TDFN8]           | (2995)       |
| AXElite Technology | AX24C08A [TSSOP8]          | (121)        |

|                    |                        |              |
|--------------------|------------------------|--------------|
| AXElite Technology | AX24C128A (ISP)        | (138)        |
| AXElite Technology | AX24C128A [SOP8]       | (950)        |
| AXElite Technology | AX24C128A [TSSOP8]     | (121)        |
| AXElite Technology | AX24C16 (ISP)          | (138)        |
| AXElite Technology | AX24C16 [SOP8]         | (950)        |
| AXElite Technology | AX24C16 [TSSOP8]       | (121)        |
| AXElite Technology | AX24C16A (ISP)         | (138)        |
| AXElite Technology | AX24C16A [SOP8]        | (950)        |
| AXElite Technology | AX24C16A [UDFN8]       | (2995)       |
| AXElite Technology | AX24C16A [TSSOP8]      | (121)        |
| AXElite Technology | AX24C256A (ISP)        | (138)        |
| AXElite Technology | AX24C256A [SOP8]       | (950)        |
| AXElite Technology | AX24C256A [TSSOP8]     | (121)        |
| AXElite Technology | AX24C32 (ISP)          | (138)        |
| AXElite Technology | AX24C32 [SOP8]         | (950)        |
| AXElite Technology | AX24C32 [TSSOP8]       | (121)        |
| AXElite Technology | AX24C32A (ISP)         | (138)        |
| AXElite Technology | AX24C32A [DFN8]        | (2995)       |
| AXElite Technology | AX24C32A [SOP8]        | (950)        |
| AXElite Technology | AX24C32A [TSSOP8]      | (121)        |
| AXElite Technology | AX24C64 (ISP)          | (138)        |
| AXElite Technology | AX24C64 [SOP8]         | (950)        |
| AXElite Technology | AX24C64 [TSSOP8]       | (121)        |
| AXElite Technology | AX24C64A (ISP)         | (138)        |
| AXElite Technology | AX24C64A [DFN8]        | (2995)       |
| AXElite Technology | AX24C64A [SOP8]        | (950)        |
| AXElite Technology | AX24C64A [TSSOP8]      | (121)        |
| Axia Memory Tech.  | AX20NV1G811TA [TSOP48] | (3075)       |
| Axia Memory Tech.  | AX20NV2G811TA [TSOP48] | (3075)       |
| Azoteq             | IQS123 [SOT23-6]       | (2351)       |
| Azoteq             | IQS124 [S08]           | (2346)       |
| Azoteq             | IQS125 [S08]           | (2346)       |
| Azoteq             | IQS126 [S08]           | (2346)       |
| Azoteq             | IQS127D [SOT23-6]      | (2350)       |
| Azoteq             | IQS127S [SOT23-6]      | (2350)       |
| Azoteq             | IQS128 [TSOT23-6]      | (2350)       |
| Azoteq             | IQS133 [MSOP10]        | (3024)       |
| Azoteq             | IQS133Z [MSOP10]       | (3024)       |
| Azoteq             | IQS211 [TSOT23-6]      | (2350)       |
| Azoteq             | IQS211A [TSOT23-6]     | (2350)       |
| Azoteq             | IQS213 [MSOP10]        | (3024)       |
| Azoteq             | IQS213A [MSOP10]       | (3024)       |
| Azoteq             | IQS221 [QFN32]         | (1202)       |
| Azoteq             | IQS221 [S032]          | (1201)       |
| Azoteq             | IQS227AS [TSOT23-6]    | (2350)       |
| Azoteq             | IQS228AS [TSOT23-6]    | (2350)       |
| Azoteq             | IQS229 [DFN10-3x3]     | (3387)       |
| Azoteq             | IQS231 [TSOT23-6]      | (2350)       |
| Azoteq             | IQS231A [DFN10-3x3]    | (3387)       |
| Azoteq             | IQS231A [TSOT23-6]     | (2350)       |
| Azoteq             | IQS232 [S08]           | (3071)       |
| Azoteq             | IQS512 (ISP)           | (1210)       |
| Azoteq             | IQS512 [TSSOP20]       | (3000)       |
| Azoteq             | IQS525 (ISP)           | (1210)       |
| Azoteq             | IQS525 [UFQFPN28]      | (2765)       |
| Azoteq             | IQS530 (ISP)           | (1210)       |
| Azoteq             | IQS530 [TSSOP20]       | (3000)       |
| Azoteq             | IQS550 (ISP)           | (1210)       |
| Azoteq             | IQS550 [UFQFPN48]      | (2746)       |
| Azoteq             | IQS572 (ISP)           | (1210)       |
| Azoteq             | IQS572 [UFQFPN28]      | (2765)       |
| Azoteq             | IQS904A [TSOT23-6]     | (2350)       |
| Azoteq             | IQS904D [TSOT23-6]     | (2350)       |
| Azoteq             | IQS924DC [MSOP10]      | (3024)       |
| Belling            | BH25Q16A (ISP)         | (138)        |
| Belling            | BH25Q16A [SOP8-150]    | (3095) (*1)  |
| Belling            | BH25Q16A [SOP8-208]    | (3088) (*1)  |
| Belling            | BH25Q32A (ISP)         | (138)        |
| Belling            | BH25Q32A [SOP8-150]    | (3095) (*1)  |
| Belling            | BH25Q32A [SOP8-208]    | (3088) (*1)  |
| Belling            | BH25Q40A (ISP)         | (138) (9997) |
| Belling            | BH25Q40A [SOP8-150]    | (3095) (*1)  |
| Belling            | BH25Q40A [SOP8-208]    | (3088) (*1)  |
| Belling            | BH25Q80A (ISP)         | (138)        |
| Belling            | BH25Q80A [SOP8-150]    | (3095) (*1)  |
| Belling            | BH25Q80A [SOP8-208]    | (3088) (*1)  |
| Belling            | BL24C02                |              |
| Belling            | BL24C02 (ISP)          | (138)        |
| Belling            | BL24C02 [SOP8]         | (950)        |
| Belling            | BL24C02 [TSSOP8]       | (121)        |
| Belling            | BL24C02A               |              |
| Belling            | BL24C02A (ISP)         | (138)        |
| Belling            | BL24C02A [SOP8]        | (950)        |
| Belling            | BL24C02A [TSOT23-5]    | (523)        |
| Belling            | BL24C02A [TSSOP8]      | (121)        |
| Belling            | BL24C02A [UDFN8-2x3]   | (4538)       |
| Belling            | BL24C02F               |              |
| Belling            | BL24C02F (ISP)         | (138)        |
| Belling            | BL24C02F [SOP8]        | (950)        |
| Belling            | BL24C02F [TSOT23-5]    | (523)        |
| Belling            | BL24C02F [TSSOP8]      | (121)        |
| Belling            | BL24C02F [UDFN8-2x3]   | (4538)       |
| Belling            | BL24C04                |              |
| Belling            | BL24C04 (ISP)          | (138)        |
| Belling            | BL24C04 [SOP8]         | (950)        |
| Belling            | BL24C04 [TSSOP8]       | (121)        |
| Belling            | BL24C04A               |              |
| Belling            | BL24C04A (ISP)         | (138)        |
| Belling            | BL24C04A [SOP8]        | (950)        |
| Belling            | BL24C04A [TSOT23-5]    | (523)        |
| Belling            | BL24C04A [TSSOP8]      | (121)        |
| Belling            | BL24C04A [UDFN8-2x3]   | (4538)       |
| Belling            | BL24C04F               |              |
| Belling            | BL24C04F (ISP)         | (138)        |
| Belling            | BL24C04F [SOP8]        | (950)        |
| Belling            | BL24C04F [TSOT23-5]    | (523)        |
| Belling            | BL24C04F [TSSOP8]      | (121)        |
| Belling            | BL24C04F [UDFN8-2x3]   | (4538)       |
| Belling            | BL24C08                |              |
| Belling            | BL24C08 (ISP)          | (138)        |
| Belling            | BL24C08 [SOP8]         | (950)        |
| Belling            | BL24C08 [TSSOP8]       | (121)        |
| Belling            | BL24C08A               |              |
| Belling            | BL24C08A (ISP)         | (138)        |
| Belling            | BL24C08A [SOP8]        | (950)        |
| Belling            | BL24C08A [TSOT23-5]    | (523)        |
| Belling            | BL24C08A [TSSOP8]      | (121)        |
| Belling            | BL24C08A [UDFN8-2x3]   | (4538)       |
| Belling            | BL24C08F               |              |
| Belling            | BL24C08F (ISP)         | (138)        |
| Belling            | BL24C08F [SOP8]        | (950)        |
| Belling            | BL24C08F [TSSOP8]      | (121)        |
| Belling            | BL24C08F [UDFN8-2x3]   | (4538)       |
| Belling            | BL24C128               |              |
| Belling            | BL24C128 (ISP)         | (138)        |
| Belling            | BL24C128 [SOP8]        | (950)        |
| Belling            | BL24C128 [TSSOP8]      | (121)        |
| Belling            | BL24C128A              |              |

|               |                           |             |
|---------------|---------------------------|-------------|
| Belling       | BL24C128A (ISP)           | (138)       |
| Belling       | BL24C128A [SOP8]          | (950)       |
| Belling       | BL24C128A [TSSOP8]        | (121)       |
| Belling       | BL24C128A [UDFN8-2x3]     | (4538)      |
| Belling       | BL24C16                   |             |
| Belling       | BL24C16 (ISP)             | (138)       |
| Belling       | BL24C16 [SOP8]            | (950)       |
| Belling       | BL24C16 [TSSOP8]          | (121)       |
| Belling       | BL24C16A                  |             |
| Belling       | BL24C16A (ISP)            | (138)       |
| Belling       | BL24C16A [SOP8]           | (950)       |
| Belling       | BL24C16A [TSOT23-5]       | (523)       |
| Belling       | BL24C16A [TSSOP8]         | (121)       |
| Belling       | BL24C16A [UDFN8-2x3]      | (4538)      |
| Belling       | BL24C256                  |             |
| Belling       | BL24C256 (ISP)            | (138)       |
| Belling       | BL24C256 [SOP8]           | (950)       |
| Belling       | BL24C256 [TSSOP8]         | (121)       |
| Belling       | BL24C256A                 |             |
| Belling       | BL24C256A (ISP)           | (138)       |
| Belling       | BL24C256A [SOP8]          | (950)       |
| Belling       | BL24C256A [TSSOP8]        | (121)       |
| Belling       | BL24C256A [UDFN8-2x3]     | (4538)      |
| Belling       | BL24C32                   |             |
| Belling       | BL24C32 (ISP)             | (138)       |
| Belling       | BL24C32 [SOP8]            | (950)       |
| Belling       | BL24C32 [TSSOP8]          | (121)       |
| Belling       | BL24C32A                  |             |
| Belling       | BL24C32A (ISP)            | (138)       |
| Belling       | BL24C32A [SOP8]           | (950)       |
| Belling       | BL24C32A [TSSOP8]         | (121)       |
| Belling       | BL24C32A [UDFN8-2x3]      | (4538)      |
| Belling       | BL24C512 (ISP)            | (138)       |
| Belling       | BL24C512 [SOIC8-150]      | (950)       |
| Belling       | BL24C512 [TSSOP8]         | (121)       |
| Belling       | BL24C512A                 |             |
| Belling       | BL24C512A (ISP)           | (138)       |
| Belling       | BL24C512A [SOP8]          | (950)       |
| Belling       | BL24C512A [TSSOP8]        | (121)       |
| Belling       | BL24C512A [UDFN8-2x3]     | (4538)      |
| Belling       | BL24C512G (ISP)           | (138)       |
| Belling       | BL24C512G [SOIC8-150]     | (950)       |
| Belling       | BL24C512G [TSSOP8]        | (121)       |
| Belling       | BL24C64                   |             |
| Belling       | BL24C64 (ISP)             | (138)       |
| Belling       | BL24C64 [SOP8]            | (950)       |
| Belling       | BL24C64 [TSSOP8]          | (121)       |
| Belling       | BL24C64A                  |             |
| Belling       | BL24C64A (ISP)            | (138)       |
| Belling       | BL24C64A [SOP8]           | (950)       |
| Belling       | BL24C64A [TSSOP8]         | (121)       |
| Belling       | BL24C64A [UDFN8-2x3]      | (4538)      |
| Belling       | BL24CM01A                 |             |
| Belling       | BL24CM01A (ISP)           | (138)       |
| Belling       | BL24CM01A [SOP8]          | (950)       |
| Belling       | BL24CM01A [TSSOP8]        | (121)       |
| Belling       | BL24CM01A [UDFN8-2x3]     | (4538)      |
| Belling       | BL24C532                  |             |
| Belling       | BL24C532 (ISP)            | (138)       |
| Belling       | BL24C532 [SOP8]           | (950)       |
| Belling       | BL24C532 [TSSOP8]         | (121)       |
| Belling       | BL24C532 [UDFN8-2x3]      | (4538)      |
| Belling       | BL25CM02 (ISP)            | (138)       |
| Belling       | BL25CM02 [SOP8]           | (950)       |
| Belling       | BL25CM02 [TSSOP8]         | (121)       |
| Belling       | BL34C02A (ISP)            | (138)       |
| Belling       | BL34C02A [TSSOP8]         | (121)       |
| Belling       | BL34C02A [UDFN8]          | (4538)      |
| Belling       | BL93C46 (x16)             |             |
| Belling       | BL93C46 (x16) (ISP)       | (138)       |
| Belling       | BL93C46 (x16) [SOIC8-150] | (950)       |
| Belling       | BL93C46 (x16) [TSSOP8]    | (121)       |
| Belling       | BL93C46 (x8)              |             |
| Belling       | BL93C46 (x8) (ISP)        | (138)       |
| Belling       | BL93C46 (x8) [SOIC8-150]  | (950)       |
| Belling       | BL93C46 (x8) [TSSOP8]     | (121)       |
| Belling       | BL93C56 (x16)             |             |
| Belling       | BL93C56 (x16) (ISP)       | (138)       |
| Belling       | BL93C56 (x16) [SOIC8-150] | (950)       |
| Belling       | BL93C56 (x16) [TSSOP8]    | (121)       |
| Belling       | BL93C56 (x8)              |             |
| Belling       | BL93C56 (x8) (ISP)        | (138)       |
| Belling       | BL93C56 (x8) [SOIC8-150]  | (950)       |
| Belling       | BL93C56 (x8) [TSSOP8]     | (121)       |
| Belling       | BL93C66 (x16)             |             |
| Belling       | BL93C66 (x16) (ISP)       | (138)       |
| Belling       | BL93C66 (x16) [SOIC8-150] | (950)       |
| Belling       | BL93C66 (x16) [TSSOP8]    | (121)       |
| Belling       | BL93C66 (x8)              |             |
| Belling       | BL93C66 (x8) (ISP)        | (138)       |
| Belling       | BL93C66 (x8) [SOIC8-150]  | (950)       |
| Belling       | BL93C66 (x8) [TSSOP8]     | (121)       |
| Benchmark     | BQ3287                    |             |
| Benchmark     | BQ3287A                   |             |
| Benchmark     | BQ3287E                   |             |
| Benchmark     | BQ3287EA                  |             |
| Benchmark     | BQ4010                    |             |
| Benchmark     | BQ4011                    |             |
| Benchmark     | BQ4013                    |             |
| Benchmark     | BQ4014                    |             |
| Benchmark     | BQ4015                    |             |
| Benchmark     | BQ4016                    |             |
| Benchmark     | BQ4017                    |             |
| Benchmark     | BQ4030                    |             |
| Benchmark     | BQ4830                    |             |
| Berg Micro    | BG25Q10A (ISP)            | (138)       |
| Berg Micro    | BG25Q10A [SOP8-150]       | (3095) (*1) |
| Berg Micro    | BG25Q10A [SOP8-208]       | (3088) (*1) |
| Berg Micro    | BG25Q16A (ISP)            | (138)       |
| Berg Micro    | BG25Q16A [SOP8-208]       | (3088) (*1) |
| Berg Micro    | BG25Q20A (ISP)            | (138)       |
| Berg Micro    | BG25Q20A [SOP8-150]       | (3095) (*1) |
| Berg Micro    | BG25Q20A [SOP8-208]       | (3088) (*1) |
| Berg Micro    | BG25Q32A (ISP)            | (138)       |
| Berg Micro    | BG25Q32A [SOP8-208]       | (3088) (*1) |
| Berg Micro    | BG25Q32A [USON8 4x3]      | (2430)      |
| Berg Micro    | BG25Q40A (ISP)            | (138)       |
| Berg Micro    | BG25Q40A [SOP8-150]       | (3095) (*1) |
| Berg Micro    | BG25Q40A [SOP8-208]       | (3088) (*1) |
| Berg Micro    | BG25Q512A (ISP)           | (138)       |
| Berg Micro    | BG25Q512A [SOP8-150]      | (3095) (*1) |
| Berg Micro    | BG25Q512A [SOP8-208]      | (3088) (*1) |
| Berg Micro    | BG25Q80A (ISP)            | (138)       |
| Berg Micro    | BG25Q80A [SOP8-150]       | (3095) (*1) |
| Berg Micro    | BG25Q80A [SOP8-208]       | (3088) (*1) |
| Berg Micro    | T255512 [SOP8-150]        | (3095) (*1) |
| Bestow Mascot | BM24C02D                  |             |
| Bestow Mascot | BM24C02D (ISP)            | (138)       |

|               |               |                |             |
|---------------|---------------|----------------|-------------|
| Bestow Mascot | BM24C02D      | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C02D      | [SOP8]         | (950)       |
| Bestow Mascot | BM24C02D      | [SOT23-5]      | (523)       |
| Bestow Mascot | BM24C02D      | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C02E      |                |             |
| Bestow Mascot | BM24C02E      | (ISP)          | (138)       |
| Bestow Mascot | BM24C02E      | [DFN8-2x3]     | (4538)      |
| Bestow Mascot | BM24C02E      | [SOP8]         | (950)       |
| Bestow Mascot | BM24C02E      | [SOT23-5]      | (523)       |
| Bestow Mascot | BM24C02E      | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C04D      |                |             |
| Bestow Mascot | BM24C04D      | (ISP)          | (138)       |
| Bestow Mascot | BM24C04D      | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C04D      | [SOP8]         | (950)       |
| Bestow Mascot | BM24C04D      | [SOT23-5]      | (523)       |
| Bestow Mascot | BM24C04D      | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C04E      |                |             |
| Bestow Mascot | BM24C04E      | (ISP)          | (138)       |
| Bestow Mascot | BM24C04E      | [DFN8-2x3]     | (4538)      |
| Bestow Mascot | BM24C04E      | [SOP8]         | (950)       |
| Bestow Mascot | BM24C04E      | [SOT23-5]      | (523)       |
| Bestow Mascot | BM24C04E      | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C08D      |                |             |
| Bestow Mascot | BM24C08D      | (ISP)          | (138)       |
| Bestow Mascot | BM24C08D      | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C08D      | [SOP8]         | (950)       |
| Bestow Mascot | BM24C08D      | [SOT23-5]      | (523)       |
| Bestow Mascot | BM24C08D      | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C08E      |                |             |
| Bestow Mascot | BM24C08E      | (ISP)          | (138)       |
| Bestow Mascot | BM24C08E      | [DFN8-2x3]     | (4538)      |
| Bestow Mascot | BM24C08E      | [SOP8]         | (950)       |
| Bestow Mascot | BM24C08E      | [SOT23-5]      | (523)       |
| Bestow Mascot | BM24C08E      | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C128D     |                |             |
| Bestow Mascot | BM24C128D     | (ISP)          | (138)       |
| Bestow Mascot | BM24C128D     | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C128D     | [SOP8]         | (950)       |
| Bestow Mascot | BM24C128D     | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C128E     |                |             |
| Bestow Mascot | BM24C128E     | (ISP)          | (138)       |
| Bestow Mascot | BM24C128E     | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C128E     | [SOP8]         | (950)       |
| Bestow Mascot | BM24C128E     | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C16D      |                |             |
| Bestow Mascot | BM24C16D      | (ISP)          | (138)       |
| Bestow Mascot | BM24C16D      | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C16D      | [SOP8]         | (950)       |
| Bestow Mascot | BM24C16D      | [SOT23-5]      | (523)       |
| Bestow Mascot | BM24C16D      | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C16E      |                |             |
| Bestow Mascot | BM24C16E      | (ISP)          | (138)       |
| Bestow Mascot | BM24C16E      | [DFN8-2x3]     | (4538)      |
| Bestow Mascot | BM24C16E      | [SOP8]         | (950)       |
| Bestow Mascot | BM24C16E      | [SOT23-5]      | (523)       |
| Bestow Mascot | BM24C16E      | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C256D     |                |             |
| Bestow Mascot | BM24C256D     | (ISP)          | (138)       |
| Bestow Mascot | BM24C256D     | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C256D     | [SOP8]         | (950)       |
| Bestow Mascot | BM24C256D     | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C256E     |                |             |
| Bestow Mascot | BM24C256E     | (ISP)          | (138)       |
| Bestow Mascot | BM24C256E     | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C256E     | [SOP8]         | (950)       |
| Bestow Mascot | BM24C256E     | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C32D      |                |             |
| Bestow Mascot | BM24C32D      | (ISP)          | (138)       |
| Bestow Mascot | BM24C32D      | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C32D      | [SOP8]         | (950)       |
| Bestow Mascot | BM24C32D      | [SOT23-5]      | (523)       |
| Bestow Mascot | BM24C32D      | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C32E      |                |             |
| Bestow Mascot | BM24C32E      | (ISP)          | (138)       |
| Bestow Mascot | BM24C32E      | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C32E      | [SOP8]         | (950)       |
| Bestow Mascot | BM24C32E      | [SOT23-5]      | (523)       |
| Bestow Mascot | BM24C32E      | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C512D     |                |             |
| Bestow Mascot | BM24C512D     | (ISP)          | (138)       |
| Bestow Mascot | BM24C512D     | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C512D     | [SOP8]         | (950)       |
| Bestow Mascot | BM24C512D     | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C512E     |                |             |
| Bestow Mascot | BM24C512E     | (ISP)          | (138)       |
| Bestow Mascot | BM24C512E     | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C512E     | [SOP8]         | (950)       |
| Bestow Mascot | BM24C512E     | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C64D      |                |             |
| Bestow Mascot | BM24C64D      | (ISP)          | (138)       |
| Bestow Mascot | BM24C64D      | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C64D      | [SOP8]         | (950)       |
| Bestow Mascot | BM24C64D      | [SOT23-5]      | (523)       |
| Bestow Mascot | BM24C64D      | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24C64E      |                |             |
| Bestow Mascot | BM24C64E      | (ISP)          | (138)       |
| Bestow Mascot | BM24C64E      | [DFN8]         | (4538)      |
| Bestow Mascot | BM24C64E      | [SOP8]         | (950)       |
| Bestow Mascot | BM24C64E      | [SOT23-5]      | (523)       |
| Bestow Mascot | BM24C64E      | [TSSOP8]       | (121)       |
| Bestow Mascot | BM24CM01D     |                |             |
| Bestow Mascot | BM24CM01D     | (ISP)          | (138)       |
| Bestow Mascot | BM24CM01D     | [DFN8]         | (4538)      |
| Bestow Mascot | BM24CM01D     | [SOP8]         | (950)       |
| Bestow Mascot | BM24CM01D     | [TSSOP8]       | (121)       |
| Bestow Mascot | BM25Q04D      | [SOP8-150]     | (3095) (*1) |
| Bestow Mascot | BM25Q08D      | [SOP8-150]     | (3095) (*1) |
| Bestow Mascot | BM93C46       | (x16) (ISP)    | (138)       |
| Bestow Mascot | BM93C46       | (x16) [SOP8]   | (950)       |
| Bestow Mascot | BM93C46       | (x16) [TSSOP8] | (121)       |
| Bestow Mascot | BM93C46       | (x8) (ISP)     | (138)       |
| Bestow Mascot | BM93C46       | (x8) [SOP8]    | (950)       |
| Bestow Mascot | BM93C46       | (x8) [TSSOP8]  | (121)       |
| Bestow Mascot | BM93C56       | (x16) (ISP)    | (138)       |
| Bestow Mascot | BM93C56       | (x16) [SOP8]   | (950)       |
| Bestow Mascot | BM93C56       | (x16) [TSSOP8] | (121)       |
| Bestow Mascot | BM93C56       | (x8) (ISP)     | (138)       |
| Bestow Mascot | BM93C56       | (x8) [SOP8]    | (950)       |
| Bestow Mascot | BM93C56       | (x8) [TSSOP8]  | (121)       |
| Bestow Mascot | BM93C66       | (x16) (ISP)    | (138)       |
| Bestow Mascot | BM93C66       | (x16) [SOP8]   | (950)       |
| Bestow Mascot | BM93C66       | (x16) [TSSOP8] | (121)       |
| Bestow Mascot | BM93C66       | (x8) (ISP)     | (138)       |
| Bestow Mascot | BM93C66       | (x8) [SOP8]    | (950)       |
| Bestow Mascot | BM93C66       | (x8) [TSSOP8]  | (121)       |
| Biwin         | BWAMDIC11C16G | [LFBGA169]     | (2817) (*1) |
| Biwin         | BWAMDIC21C32G | [LFBGA169]     | (2817) (*1) |
| Biwin         | BWET08U-2Gb   | [LGA8]         | (4914) (*1) |

|                    |                      |             |
|--------------------|----------------------|-------------|
| Biwin              | BWJX08K-2Gb [LGA8]   | (4914) (*1) |
| Biwin              | BWJX08M-1Gb [LGA8]   | (4914) (*1) |
| Biwin              | BWJX08M-2Gb [LGA8]   | (4914) (*1) |
| Biwin              | BWJX08U-2Gb [LGA8]   | (4914) (*1) |
| Biwin              | BWM73D044SNF [wSON8] | (4914) (*1) |
| BJX                | BJX24LC02            |             |
| BJX                | BJX24LC02 (ISP)      | (138)       |
| BJX                | BJX24LC02 [SOIC8]    | (950)       |
| BJX                | BJX24LC02 [TSSOP8]   | (121)       |
| BJX                | BJX24LC04            |             |
| BJX                | BJX24LC04 (ISP)      | (138)       |
| BJX                | BJX24LC04 [SOIC8]    | (950)       |
| BJX                | BJX24LC04 [TSSOP8]   | (121)       |
| BJX                | BJX24LC08            |             |
| BJX                | BJX24LC08 (ISP)      | (138)       |
| BJX                | BJX24LC08 [SOIC8]    | (950)       |
| BJX                | BJX24LC08 [TSSOP8]   | (121)       |
| BJX                | BJX24LC16            |             |
| BJX                | BJX24LC16 (ISP)      | (138)       |
| BJX                | BJX24LC16 [SOIC8]    | (950)       |
| BJX                | BJX24LC16 [TSSOP8]   | (121)       |
| Bohong Microelect. | BH25D40A [SOP8-150]  | (3094) (*1) |
| Bohong Microelect. | BH25D40A [SOP8-208]  | (3087) (*1) |
| Bohong Microelect. | BH25D80A [SOP8-150]  | (3094) (*1) |
| Bohong Microelect. | BH25D80A [SOP8-208]  | (3087) (*1) |
| Bookly Micro       | 24C02                |             |
| Bookly Micro       | 24C02 (ISP)          | (138)       |
| Bookly Micro       | 24C02 [DFN8]         | (2995)      |
| Bookly Micro       | 24C02 [MSOP8]        | (605)       |
| Bookly Micro       | 24C02 [SOIC8]        | (950)       |
| Bookly Micro       | 24C02 [TSSOP8]       | (121)       |
| Bookly Micro       | 24C04                |             |
| Bookly Micro       | 24C04 (ISP)          | (138)       |
| Bookly Micro       | 24C04 [DFN8]         | (2995)      |
| Bookly Micro       | 24C04 [MSOP8]        | (605)       |
| Bookly Micro       | 24C04 [SOIC8]        | (950)       |
| Bookly Micro       | 24C04 [TSSOP8]       | (121)       |
| Bookly Micro       | 24C08                |             |
| Bookly Micro       | 24C08 (ISP)          | (138)       |
| Bookly Micro       | 24C08 [DFN8]         | (2995)      |
| Bookly Micro       | 24C08 [MSOP8]        | (605)       |
| Bookly Micro       | 24C08 [SOIC8]        | (950)       |
| Bookly Micro       | 24C08 [TSSOP8]       | (121)       |
| Bookly Micro       | 24C16                |             |
| Bookly Micro       | 24C16 (ISP)          | (138)       |
| Bookly Micro       | 24C16 [DFN8]         | (2995)      |
| Bookly Micro       | 24C16 [MSOP8]        | (605)       |
| Bookly Micro       | 24C16 [SOIC8]        | (950)       |
| Bookly Micro       | 24C16 [TSSOP8]       | (121)       |
| Bookly Micro       | 24C32                |             |
| Bookly Micro       | 24C32 (ISP)          | (138)       |
| Bookly Micro       | 24C32 [DFN8]         | (2995)      |
| Bookly Micro       | 24C32 [MSOP8]        | (605)       |
| Bookly Micro       | 24C32 [SOIC8]        | (950)       |
| Bookly Micro       | 24C32 [TSSOP8]       | (121)       |
| Bookly Micro       | 24C64                |             |
| Bookly Micro       | 24C64 (ISP)          | (138)       |
| Bookly Micro       | 24C64 [DFN8]         | (2995)      |
| Bookly Micro       | 24C64 [MSOP8]        | (605)       |
| Bookly Micro       | 24C64 [SOIC8]        | (950)       |
| Bookly Micro       | 24C64 [TSSOP8]       | (121)       |
| Bookly Micro       | AC29LV320B [FBGA48]  | (839)       |
| Bookly Micro       | AC29LV320B [TSOP48]  | (1346)      |
| Bookly Micro       | AC29LV320T [FBGA48]  | (839)       |
| Bookly Micro       | AC29LV320T [TSOP48]  | (1346)      |
| BOSCH              | B22AN                |             |
| BOSCH              | B22AN (ISP)          | (138)       |
| BOSCH              | B34AB                |             |
| BOSCH              | B34AB (ISP)          | (138)       |
| BOSCH              | B42AB                |             |
| BOSCH              | B42AB (ISP)          | (138)       |
| BOSCH              | B43AB                |             |
| BOSCH              | B43AB (ISP)          | (138)       |
| BOSCH              | B46AJ                |             |
| BOSCH              | B46AJ (ISP)          | (138)       |
| BOSCH              | B49AJ                |             |
| BOSCH              | B49AJ (ISP)          | (138)       |
| BOSCH              | B52AP                |             |
| BOSCH              | B52AP (ISP)          | (138)       |
| BOSCH              | B54AH                |             |
| BOSCH              | B54AH (ISP)          | (138)       |
| BOSCH              | B57120               |             |
| BOSCH              | B57324               |             |
| BOSCH              | B57347               |             |
| BOSCH              | B57477               |             |
| BOSCH              | B57519               |             |
| BOSCH              | B57605               |             |
| BOSCH              | B57607               |             |
| BOSCH              | B57610               |             |
| BOSCH              | B57618               |             |
| BOSCH              | B57625               |             |
| BOSCH              | B57654               |             |
| BOSCH              | B57696               |             |
| BOSCH              | B57701               |             |
| BOSCH              | B57764               |             |
| BOSCH              | B57808               |             |
| BOSCH              | B57922               |             |
| BOSCH              | B57960               |             |
| BOSCH              | B57995               |             |
| BOSCH              | B58014               |             |
| BOSCH              | B58038               |             |
| BOSCH              | B58094               |             |
| BOSCH              | B58097 (ISP)         | (138)       |
| BOSCH              | B58097 [SO8]         | (950)       |
| BOSCH              | B58126 [PLCC32]      | (59)        |
| BOSCH              | B58127               |             |
| BOSCH              | B58150               |             |
| BOSCH              | B58157               |             |
| BOSCH              | B58185               |             |
| BOSCH              | B58213               |             |
| BOSCH              | B58213 (ISP)         | (138)       |
| BOSCH              | B58234               |             |
| BOSCH              | B58235               |             |
| BOSCH              | B58239               |             |
| BOSCH              | B58252               |             |
| BOSCH              | B58252 (ISP)         | (138)       |
| BOSCH              | B58253               |             |
| BOSCH              | B58253 (ISP)         | (138)       |
| BOSCH              | B58256               |             |
| BOSCH              | B58256 (ISP)         | (138)       |
| BOSCH              | B58258               |             |
| BOSCH              | B58258 (ISP)         | (138)       |
| BOSCH              | B58258 [SO8]         | (950)       |
| BOSCH              | B58275 [PLCC44]      | (67)        |
| BOSCH              | B58293 (ISP)         | (138)       |
| BOSCH              | B58293 [PLCC32]      | (59)        |
| BOSCH              | B58293 [SO8]         | (950)       |
| BOSCH              | B58323               |             |



|                    |                              |             |
|--------------------|------------------------------|-------------|
| BOSCH              | B58323 (ISP)                 | (138)       |
| BOSCH              | B58323 [SO8]                 | (950)       |
| BOSCH              | B58331 [PLCC32]              | (1399)      |
| BOSCH              | B58335 [PLCC32]              | (59)        |
| BOSCH              | B58380                       |             |
| BOSCH              | B58380 (ISP)                 | (138)       |
| BOSCH              | B58381 [PLCC32]              | (1399)      |
| BOSCH              | B58383 (ISP)                 | (138)       |
| BOSCH              | B58383 [SO8]                 | (950)       |
| BOSCH              | B58399 [PLCC32]              | (1399)      |
| BOSCH              | B58400                       |             |
| BOSCH              | B58424                       |             |
| BOSCH              | B58517 [PLCC32]              | (59)        |
| BOSCH              | B58530 [PLCC32]              | (1399)      |
| BOSCH              | B58533 [PLCC44]              | (67)        |
| BOSCH              | B58539                       |             |
| BOSCH              | B58541                       |             |
| BOSCH              | B58542                       |             |
| BOSCH              | B58543                       |             |
| BOSCH              | B58544                       |             |
| BOSCH              | B58545                       |             |
| BOSCH              | B58546                       |             |
| BOSCH              | B58547 [PLCC32]              | (59)        |
| BOSCH              | B58548 [PLCC44]              | (67)        |
| BOSCH              | B58550 [PLCC32]              | (59)        |
| BOSCH              | B58608                       |             |
| BOSCH              | B58608 (ISP)                 | (138)       |
| BOSCH              | B58639 [PLCC32]              | (59)        |
| BOSCH              | B58768 [PSOP44]              | (1356)      |
| BOSCH              | B58813                       |             |
| BOSCH              | B58813 (ISP)                 | (138)       |
| BOSCH              | B58911 [PLCC32]              | (59)        |
| BOSCH              | B81AB                        |             |
| BOSCH              | B81AB (ISP)                  | (138)       |
| Bowmar/white       | 8023                         |             |
| Boya Micro         | BH25D16A (ISP)               | (138)       |
| Boya Micro         | BY25D16A [SOP8-150]          | (3094) (*1) |
| Boya Micro         | BY25D16A [SOP8-208]          | (3087) (*1) |
| Boya Micro         | BY25D16A [TSSOP8]            | (1388)      |
| Boya Micro         | BY25D16A [USON8]             | (3935) (*1) |
| Boya Micro         | BY25D40A [SOP8-150]          | (3094) (*1) |
| Boya Micro         | BY25D40A [SOP8-208]          | (3087) (*1) |
| Boya Micro         | BY25D40A [TSSOP8]            | (1388)      |
| Boya Micro         | BY25D40A [USON8]             | (3935) (*1) |
| Boya Micro         | BY25D80A [SOP8-150]          | (3094) (*1) |
| Boya Micro         | BY25D80A [SOP8-208]          | (3087) (*1) |
| Boya Micro         | BY25D80A [TSSOP8]            | (1388)      |
| Boya Micro         | BY25D80A [USON8]             | (3935) (*1) |
| Boya Micro         | BY25Q10A (ISP)               | (138)       |
| Boya Micro         | BY25Q10A [SOP8-150]          | (3095) (*1) |
| Boya Micro         | BY25Q10A [SOP8-208]          | (3088) (*1) |
| Boya Micro         | BY25Q128AL (ISP)             | (138)       |
| Boya Micro         | BY25Q128AL [SOP8-150]        | (3095) (*1) |
| Boya Micro         | BY25Q128AL [SOP8-208]        | (3088) (*1) |
| Boya Micro         | BY25Q128AS [SOP16]           | (3100) (*1) |
| Boya Micro         | BY25Q128AS [SOP16] (QuadSPI) | (3100) (*1) |
| Boya Micro         | BY25Q128AS [SOP8-208]        | (3087) (*1) |
| Boya Micro         | BY25Q128AS [WSON8 6x5]       | (4117) (*1) |
| Boya Micro         | BY25Q16A (ISP)               | (138)       |
| Boya Micro         | BY25Q16A [SOP8-208]          | (3088) (*1) |
| Boya Micro         | BY25Q16BS [SOP8-208]         | (3087) (*1) |
| Boya Micro         | BY25Q20A (ISP)               | (138)       |
| Boya Micro         | BY25Q20A [SOP8-150]          | (3095) (*1) |
| Boya Micro         | BY25Q20A [SOP8-208]          | (3088) (*1) |
| Boya Micro         | BY25Q20A [USON8]             | (3935) (*1) |
| Boya Micro         | BY25Q32A (ISP)               | (138)       |
| Boya Micro         | BY25Q32A [SOP8-208]          | (3088) (*1) |
| Boya Micro         | BY25Q32A [USON8 4x3]         | (2430)      |
| Boya Micro         | BY25Q32BS [SOP8-208]         | (3087) (*1) |
| Boya Micro         | BY25Q32BS [WSON8 6x5]        | (4117) (*1) |
| Boya Micro         | BY25Q40A (ISP)               | (138)       |
| Boya Micro         | BY25Q40A [SOP8-150]          | (3095) (*1) |
| Boya Micro         | BY25Q40A [SOP8-208]          | (3088) (*1) |
| Boya Micro         | BY25Q40AL [USON8 2x3]        | (3934) (*1) |
| Boya Micro         | BY25Q512A (ISP)              | (138)       |
| Boya Micro         | BY25Q512A [SOP8-150]         | (3095) (*1) |
| Boya Micro         | BY25Q512A [SOP8-208]         | (3088) (*1) |
| Boya Micro         | BY25Q64AS [SOP8-150]         | (3094) (*1) |
| Boya Micro         | BY25Q64AS [SOP8-208]         | (3087) (*1) |
| Boya Micro         | BY25Q64AS [VSOP8-200]        | (3087) (*1) |
| Boya Micro         | BY25Q64AS [WSON8 6x5]        | (4117) (*1) |
| Boya Micro         | BY25Q80A (ISP)               | (138)       |
| Boya Micro         | BY25Q80A [SOP8-150]          | (3095) (*1) |
| Boya Micro         | BY25Q80A [SOP8-208]          | (3088) (*1) |
| Boya Micro         | BY25Q80BS [SOP8-150]         | (3094) (*1) |
| Bright             | BM29F040                     |             |
| Bright             | BM29F040 [PLCC32]            | (1384)      |
| Bright             | BM29F040 [TSOP32]            | (1381)      |
| Bright             | BM29F400B [PSOP44]           | (1356)      |
| Bright             | BM29F400B [TSOP48]           | (1346)      |
| Bright             | BM29F400T [PSOP44]           | (1356)      |
| Bright             | BM29F400T [TSOP48]           | (1346)      |
| Bright             | BM29LV160B [TSOP48]          | (1346)      |
| Bright Micron(BMT) | BM29LV160BxxB [FBGA48]       | (959)       |
| Bright Micron(BMT) | BM29LV160T [TSOP48]          | (1346)      |
| Bright Micron(BMT) | BM29LV160TxxB [FBGA48]       | (959)       |
| Bright Micron(BMT) | BM29LV400B [FBGA48]          | (959)       |
| Bright Micron(BMT) | BM29LV400B [TSOP48]          | (1346)      |
| Bright Micron(BMT) | BM29LV400T [FBGA48]          | (959)       |
| Bright Micron(BMT) | BM29LV400T [TSOP48]          | (1346)      |
| Bright Micron(BMT) | BM29LV800B [FBGA48]          | (959)       |
| Bright Micron(BMT) | BM29LV800B [TSOP48]          | (1346)      |
| Bright Micron(BMT) | BM29LV800T [FBGA48]          | (959)       |
| Bright Micron(BMT) | BM29LV800T [TSOP48]          | (1346)      |
| catalyst (CSI)     | CAT1021                      |             |
| catalyst (CSI)     | CAT1021 [MSOP8]              | (605)       |
| catalyst (CSI)     | CAT1021 [SOIC8]              | (950)       |
| catalyst (CSI)     | CAT1021 [TSSOP8]             | (121)       |
| catalyst (CSI)     | CAT1022                      |             |
| catalyst (CSI)     | CAT1022 [MSOP8]              | (605)       |
| catalyst (CSI)     | CAT1022 [SOIC8]              | (950)       |
| catalyst (CSI)     | CAT1022 [TSSOP8]             | (121)       |
| catalyst (CSI)     | CAT1023                      |             |
| catalyst (CSI)     | CAT1023 [MSOP8]              | (605)       |
| catalyst (CSI)     | CAT1023 [SOIC8]              | (950)       |
| catalyst (CSI)     | CAT1023 [TSSOP8]             | (121)       |
| catalyst (CSI)     | CAT1024                      |             |
| catalyst (CSI)     | CAT1024 [MSOP8]              | (605)       |
| catalyst (CSI)     | CAT1024 [SOIC8]              | (950)       |
| catalyst (CSI)     | CAT1024 [TSSOP8]             | (121)       |
| catalyst (CSI)     | CAT1025                      |             |
| catalyst (CSI)     | CAT1025 [MSOP8]              | (605)       |
| catalyst (CSI)     | CAT1025 [SOIC8]              | (950)       |
| catalyst (CSI)     | CAT1025 [TSSOP8]             | (121)       |
| catalyst (CSI)     | CAT1026                      |             |
| catalyst (CSI)     | CAT1026 [MSOP8]              | (605)       |
| catalyst (CSI)     | CAT1026 [SOIC8]              | (950)       |
| catalyst (CSI)     | CAT1026 [TSSOP8]             | (121)       |

|          |       |                        |        |
|----------|-------|------------------------|--------|
| Catalyst | (CSI) | CAT1027                |        |
| Catalyst | (CSI) | CAT1027 [MSOP8]        | (605)  |
| Catalyst | (CSI) | CAT1027 [SOIC8]        | (950)  |
| Catalyst | (CSI) | CAT1027 [TSSOP8]       | (121)  |
| Catalyst | (CSI) | CAT1161                |        |
| Catalyst | (CSI) | CAT1161 [SOIC8]        | (950)  |
| Catalyst | (CSI) | CAT1162                |        |
| Catalyst | (CSI) | CAT1162 [SOIC8]        | (950)  |
| Catalyst | (CSI) | CAT1163                |        |
| Catalyst | (CSI) | CAT1163 [SOIC8]        | (950)  |
| Catalyst | (CSI) | CAT13001 (x16) (ISP)   | (138)  |
| Catalyst | (CSI) | CAT13001 (x16) [SOIC8] | (950)  |
| Catalyst | (CSI) | CAT13001 (x8) (ISP)    | (138)  |
| Catalyst | (CSI) | CAT13001 (x8) [SOIC8]  | (950)  |
| Catalyst | (CSI) | CAT13004 (x16) (ISP)   | (138)  |
| Catalyst | (CSI) | CAT13004 (x16) [SOIC8] | (950)  |
| Catalyst | (CSI) | CAT13004 (x8) (ISP)    | (138)  |
| Catalyst | (CSI) | CAT13004 (x8) [SOIC8]  | (950)  |
| Catalyst | (CSI) | CAT13008 (x16) (ISP)   | (138)  |
| Catalyst | (CSI) | CAT13008 (x16) [SOIC8] | (950)  |
| Catalyst | (CSI) | CAT13008 (x8) (ISP)    | (138)  |
| Catalyst | (CSI) | CAT13008 (x8) [SOIC8]  | (950)  |
| Catalyst | (CSI) | CAT13016 (x16) (ISP)   | (138)  |
| Catalyst | (CSI) | CAT13016 (x16) [SOIC8] | (950)  |
| Catalyst | (CSI) | CAT13016 (x8) (ISP)    | (138)  |
| Catalyst | (CSI) | CAT13016 (x8) [SOIC8]  | (950)  |
| Catalyst | (CSI) | CAT1320                |        |
| Catalyst | (CSI) | CAT1320 [SOIC8]        | (950)  |
| Catalyst | (CSI) | CAT1320 [TSSOP8]       | (121)  |
| Catalyst | (CSI) | CAT1321                |        |
| Catalyst | (CSI) | CAT1321 [SOIC8]        | (950)  |
| Catalyst | (CSI) | CAT1321 [TSSOP8]       | (121)  |
| Catalyst | (CSI) | CAT14002 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT14002 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT14004 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT14004 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT14008 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT14008 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT14016 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT14016 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT15002 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT15002 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT15004 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT15004 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT15008 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT15008 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT15016 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT15016 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT1640                |        |
| Catalyst | (CSI) | CAT1640 [SOIC8]        | (950)  |
| Catalyst | (CSI) | CAT1640 [TSSOP8]       | (121)  |
| Catalyst | (CSI) | CAT1641                |        |
| Catalyst | (CSI) | CAT1641 [SOIC8]        | (950)  |
| Catalyst | (CSI) | CAT1641 [TSSOP8]       | (121)  |
| Catalyst | (CSI) | CAT22C10               |        |
| Catalyst | (CSI) | CAT22C10 [SOIC16]      | (1060) |
| Catalyst | (CSI) | CAT22C12               |        |
| Catalyst | (CSI) | CAT24AA01 (ISP)        | (138)  |
| Catalyst | (CSI) | CAT24AA01 [SOIC8]      | (950)  |
| Catalyst | (CSI) | CAT24AA01 [TSOT23-5]   | (523)  |
| Catalyst | (CSI) | CAT24AA02 (ISP)        | (138)  |
| Catalyst | (CSI) | CAT24AA02 [SOIC8]      | (950)  |
| Catalyst | (CSI) | CAT24AA02 [TSOT23-5]   | (523)  |
| Catalyst | (CSI) | CAT24AA04 (ISP)        | (138)  |
| Catalyst | (CSI) | CAT24AA04 [SOIC8]      | (950)  |
| Catalyst | (CSI) | CAT24AA04 [TSOT23-5]   | (523)  |
| Catalyst | (CSI) | CAT24AA08 (ISP)        | (138)  |
| Catalyst | (CSI) | CAT24AA08 [SOIC8]      | (950)  |
| Catalyst | (CSI) | CAT24AA08 [TSOT23-5]   | (523)  |
| Catalyst | (CSI) | CAT24AC128             |        |
| Catalyst | (CSI) | CAT24AC128 (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24AC128 [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24AC128 [SOIC8-210] | (46)   |
| Catalyst | (CSI) | CAT24AC128 [TSSOP14]   | (1087) |
| Catalyst | (CSI) | CAT24C00               |        |
| Catalyst | (CSI) | CAT24C00 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT24C00 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT24C00 [SOT23-5]     | (523)  |
| Catalyst | (CSI) | CAT24C00 [TSSOP8]      | (121)  |
| Catalyst | (CSI) | CAT24C01               |        |
| Catalyst | (CSI) | CAT24C01 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT24C01 [MSOP8]       | (605)  |
| Catalyst | (CSI) | CAT24C01 [SOIC14]      | (951)  |
| Catalyst | (CSI) | CAT24C01 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT24C01 [TDFN8]       | (2995) |
| Catalyst | (CSI) | CAT24C01 [TSOT23-5]    | (523)  |
| Catalyst | (CSI) | CAT24C01 [TSSOP8]      | (121)  |
| Catalyst | (CSI) | CAT24C01B              |        |
| Catalyst | (CSI) | CAT24C01B (ISP)        | (138)  |
| Catalyst | (CSI) | CAT24C01B [MSOP8]      | (605)  |
| Catalyst | (CSI) | CAT24C01B [SOIC8]      | (950)  |
| Catalyst | (CSI) | CAT24C01B [TSSOP8]     | (121)  |
| Catalyst | (CSI) | CAT24C02               |        |
| Catalyst | (CSI) | CAT24C02 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT24C02 [MSOP8]       | (605)  |
| Catalyst | (CSI) | CAT24C02 [SOIC14]      | (951)  |
| Catalyst | (CSI) | CAT24C02 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT24C02 [TDFN8]       | (2995) |
| Catalyst | (CSI) | CAT24C02 [TSOT23-5]    | (523)  |
| Catalyst | (CSI) | CAT24C02 [TSSOP8]      | (121)  |
| Catalyst | (CSI) | CAT24C021              |        |
| Catalyst | (CSI) | CAT24C022              |        |
| Catalyst | (CSI) | CAT24C023              |        |
| Catalyst | (CSI) | CAT24C02A              |        |
| Catalyst | (CSI) | CAT24C02A (ISP)        | (138)  |
| Catalyst | (CSI) | CAT24C02A [SOIC14]     | (951)  |
| Catalyst | (CSI) | CAT24C02A [SOIC8]      | (950)  |
| Catalyst | (CSI) | CAT24C03               |        |
| Catalyst | (CSI) | CAT24C03 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT24C03 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT24C03 [TDFN8]       | (2995) |
| Catalyst | (CSI) | CAT24C03 [TSOT23-5]    | (523)  |
| Catalyst | (CSI) | CAT24C03 [TSSOP8]      | (121)  |
| Catalyst | (CSI) | CAT24C04               |        |
| Catalyst | (CSI) | CAT24C04 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT24C04 [MSOP8]       | (605)  |
| Catalyst | (CSI) | CAT24C04 [SOIC14]      | (951)  |
| Catalyst | (CSI) | CAT24C04 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT24C04 [TDFN8]       | (2995) |
| Catalyst | (CSI) | CAT24C04 [TSOT23-5]    | (523)  |
| Catalyst | (CSI) | CAT24C04 [TSSOP8]      | (121)  |
| Catalyst | (CSI) | CAT24C041              |        |
| Catalyst | (CSI) | CAT24C042              |        |
| Catalyst | (CSI) | CAT24C043              |        |
| Catalyst | (CSI) | CAT24C05               |        |
| Catalyst | (CSI) | CAT24C05 (ISP)         | (138)  |
| Catalyst | (CSI) | CAT24C05 [SOIC8]       | (950)  |
| Catalyst | (CSI) | CAT24C05 [TDFN8]       | (2995) |

|          |       |             |             |        |
|----------|-------|-------------|-------------|--------|
| Catalyst | (CSI) | CAT24C05    | [TSOT23-5]  | (523)  |
| Catalyst | (CSI) | CAT24C05    | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24C08    |             |        |
| Catalyst | (CSI) | CAT24C08    | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24C08    | [MSOP8]     | (605)  |
| Catalyst | (CSI) | CAT24C08    | [SOIC14]    | (951)  |
| Catalyst | (CSI) | CAT24C08    | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24C08    | [TDFN8]     | (2995) |
| Catalyst | (CSI) | CAT24C08    | [TSOT23-5]  | (523)  |
| Catalyst | (CSI) | CAT24C08    | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24C081   |             |        |
| Catalyst | (CSI) | CAT24C082   |             |        |
| Catalyst | (CSI) | CAT24C083   |             |        |
| Catalyst | (CSI) | CAT24C128   |             |        |
| Catalyst | (CSI) | CAT24C128   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24C128   | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24C128   | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24C128   | [UDFN8]     | (2995) |
| Catalyst | (CSI) | CAT24C16    |             |        |
| Catalyst | (CSI) | CAT24C16    | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24C16    | [MSOP8]     | (605)  |
| Catalyst | (CSI) | CAT24C16    | [SOIC14]    | (951)  |
| Catalyst | (CSI) | CAT24C16    | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24C16    | [TDFN8]     | (2995) |
| Catalyst | (CSI) | CAT24C16    | [TSOT23-5]  | (523)  |
| Catalyst | (CSI) | CAT24C16    | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24C161   |             |        |
| Catalyst | (CSI) | CAT24C162   |             |        |
| Catalyst | (CSI) | CAT24C163   |             |        |
| Catalyst | (CSI) | CAT24C164   |             |        |
| Catalyst | (CSI) | CAT24C164   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24C164   | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24C164   | [TDFN8]     | (2995) |
| Catalyst | (CSI) | CAT24C164   | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24C161   |             |        |
| Catalyst | (CSI) | CAT24C161   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24C162   |             |        |
| Catalyst | (CSI) | CAT24C162   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24C208   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24C208   | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24C21    |             |        |
| Catalyst | (CSI) | CAT24C21    | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24C21    | [MSOP8]     | (605)  |
| Catalyst | (CSI) | CAT24C21    | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24C21    | [TDFN8]     | (1420) |
| Catalyst | (CSI) | CAT24C21    | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24C256   |             |        |
| Catalyst | (CSI) | CAT24C256   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24C256   | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24C256   | [SOIC8-208] | (46)   |
| Catalyst | (CSI) | CAT24C256   | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24C32    |             |        |
| Catalyst | (CSI) | CAT24C32    | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24C32    | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24C32    | [TDFN8]     | (2995) |
| Catalyst | (CSI) | CAT24C32    | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24C322   |             |        |
| Catalyst | (CSI) | CAT24C322   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24C44    |             |        |
| Catalyst | (CSI) | CAT24C44    | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24C64    |             |        |
| Catalyst | (CSI) | CAT24C64    | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24C64    | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24C64    | [SOIC8-208] | (46)   |
| Catalyst | (CSI) | CAT24C64    | [TDFN8]     | (2995) |
| Catalyst | (CSI) | CAT24C64    | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24FC01   |             |        |
| Catalyst | (CSI) | CAT24FC01   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24FC01   | [MSOP8]     | (605)  |
| Catalyst | (CSI) | CAT24FC01   | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24FC01   | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24FC02   |             |        |
| Catalyst | (CSI) | CAT24FC02   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24FC02   | [MSOP8]     | (605)  |
| Catalyst | (CSI) | CAT24FC02   | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24FC02   | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24FC16   |             |        |
| Catalyst | (CSI) | CAT24FC16   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24FC16   | [MSOP8]     | (605)  |
| Catalyst | (CSI) | CAT24FC16   | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24FC16   | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24FC17   |             |        |
| Catalyst | (CSI) | CAT24FC17   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24FC17   | [MSOP8]     | (605)  |
| Catalyst | (CSI) | CAT24FC17   | [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT24FC17   | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24FC256  |             |        |
| Catalyst | (CSI) | CAT24FC256  | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24FC256  | [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT24FC256  | [SOIC8-208] | (46)   |
| Catalyst | (CSI) | CAT24FC32   |             |        |
| Catalyst | (CSI) | CAT24FC32   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24FC32   | [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT24FC32   | [SOIC8-208] | (46)   |
| Catalyst | (CSI) | CAT24FC32   | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24FC32A  |             |        |
| Catalyst | (CSI) | CAT24FC32A  | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24FC32A  | [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT24FC32A  | [SOIC8-208] | (46)   |
| Catalyst | (CSI) | CAT24FC32A  | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24FC64   |             |        |
| Catalyst | (CSI) | CAT24FC64   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24FC64   | [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT24FC64   | [SOIC8-208] | (46)   |
| Catalyst | (CSI) | CAT24FC64   | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24FC65   |             |        |
| Catalyst | (CSI) | CAT24FC65   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24FC65   | [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT24FC65   | [SOIC8-208] | (46)   |
| Catalyst | (CSI) | CAT24FC65   | [TDFN8]     | (2995) |
| Catalyst | (CSI) | CAT24FC65   | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24FC66   |             |        |
| Catalyst | (CSI) | CAT24FC66   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24FC66   | [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT24FC66   | [SOIC8-208] | (46)   |
| Catalyst | (CSI) | CAT24FC66   | [TDFN8]     | (2995) |
| Catalyst | (CSI) | CAT24FC66   | [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT24LC02   |             |        |
| Catalyst | (CSI) | CAT24LC02   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24LC02A  |             |        |
| Catalyst | (CSI) | CAT24LC02A  | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24LC02AZ |             |        |
| Catalyst | (CSI) | CAT24LC02AZ | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24LC02Z  |             |        |
| Catalyst | (CSI) | CAT24LC02Z  | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24LC04   |             |        |
| Catalyst | (CSI) | CAT24LC04   | (ISP)       | (138)  |
| Catalyst | (CSI) | CAT24LC04Z  |             |        |

|                |                      |        |
|----------------|----------------------|--------|
| Catalyst (CSI) | CAT24LC04Z (ISP)     | (138)  |
| Catalyst (CSI) | CAT24LC08            |        |
| Catalyst (CSI) | CAT24LC08 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24LC08Z           |        |
| Catalyst (CSI) | CAT24LC08Z (ISP)     | (138)  |
| Catalyst (CSI) | CAT24LC16            |        |
| Catalyst (CSI) | CAT24LC16 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24LC16Z           |        |
| Catalyst (CSI) | CAT24LC16Z (ISP)     | (138)  |
| Catalyst (CSI) | CAT24WC01            |        |
| Catalyst (CSI) | CAT24WC01 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC01 [MSOP8]    | (605)  |
| Catalyst (CSI) | CAT24WC01 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT24WC01 [TSSOP8]   | (121)  |
| Catalyst (CSI) | CAT24WC02            |        |
| Catalyst (CSI) | CAT24WC02 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC02 [MSOP8]    | (605)  |
| Catalyst (CSI) | CAT24WC02 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT24WC02 [TSSOP8]   | (121)  |
| Catalyst (CSI) | CAT24WC03            |        |
| Catalyst (CSI) | CAT24WC03 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC03 [MSOP8]    | (605)  |
| Catalyst (CSI) | CAT24WC03 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT24WC03 [TSSOP8]   | (121)  |
| Catalyst (CSI) | CAT24WC04            |        |
| Catalyst (CSI) | CAT24WC04 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC04 [MSOP8]    | (605)  |
| Catalyst (CSI) | CAT24WC04 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT24WC04 [TSSOP8]   | (121)  |
| Catalyst (CSI) | CAT24WC05            |        |
| Catalyst (CSI) | CAT24WC05 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC05 [MSOP8]    | (605)  |
| Catalyst (CSI) | CAT24WC05 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT24WC05 [TSSOP8]   | (121)  |
| Catalyst (CSI) | CAT24WC08            |        |
| Catalyst (CSI) | CAT24WC08 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC08 [MSOP8]    | (605)  |
| Catalyst (CSI) | CAT24WC08 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT24WC08 [TSSOP8]   | (121)  |
| Catalyst (CSI) | CAT24WC09            |        |
| Catalyst (CSI) | CAT24WC09 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC09 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT24WC128           |        |
| Catalyst (CSI) | CAT24WC128 (ISP)     | (138)  |
| Catalyst (CSI) | CAT24WC128 [SOIC8]   | (950)  |
| Catalyst (CSI) | CAT24WC128 [TSSOP14] | (1087) |
| Catalyst (CSI) | CAT24WC129           |        |
| Catalyst (CSI) | CAT24WC129 (ISP)     | (138)  |
| Catalyst (CSI) | CAT24WC129 [SOIC8]   | (950)  |
| Catalyst (CSI) | CAT24WC16            |        |
| Catalyst (CSI) | CAT24WC16 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC16 [MSOP8]    | (605)  |
| Catalyst (CSI) | CAT24WC16 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT24WC16 [TSSOP8]   | (121)  |
| Catalyst (CSI) | CAT24WC164           |        |
| Catalyst (CSI) | CAT24WC164 (ISP)     | (138)  |
| Catalyst (CSI) | CAT24WC164 [MSOP8]   | (605)  |
| Catalyst (CSI) | CAT24WC164 [SOIC8]   | (950)  |
| Catalyst (CSI) | CAT24WC164 [TSSOP8]  | (121)  |
| Catalyst (CSI) | CAT24WC17            |        |
| Catalyst (CSI) | CAT24WC17 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC17 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT24WC256           |        |
| Catalyst (CSI) | CAT24WC256 (ISP)     | (138)  |
| Catalyst (CSI) | CAT24WC256 [SOIC8]   | (950)  |
| Catalyst (CSI) | CAT24WC257           |        |
| Catalyst (CSI) | CAT24WC257 (ISP)     | (138)  |
| Catalyst (CSI) | CAT24WC257 [SOIC8]   | (950)  |
| Catalyst (CSI) | CAT24WC32            |        |
| Catalyst (CSI) | CAT24WC32 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC32 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT24WC33            |        |
| Catalyst (CSI) | CAT24WC33 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC33 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT24WC64            |        |
| Catalyst (CSI) | CAT24WC64 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC64 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT24WC65            |        |
| Catalyst (CSI) | CAT24WC65 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC65 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT24WC66            |        |
| Catalyst (CSI) | CAT24WC66 (ISP)      | (138)  |
| Catalyst (CSI) | CAT24WC66 [SOIC8]    | (950)  |
| Catalyst (CSI) | CAT25010             |        |
| Catalyst (CSI) | CAT25010 (ISP)       | (138)  |
| Catalyst (CSI) | CAT25010 [MSOP8]     | (605)  |
| Catalyst (CSI) | CAT25010 [SOIC8]     | (950)  |
| Catalyst (CSI) | CAT25010 [TDFN8]     | (2995) |
| Catalyst (CSI) | CAT25010 [TSSOP8]    | (121)  |
| Catalyst (CSI) | CAT25020             |        |
| Catalyst (CSI) | CAT25020 (ISP)       | (138)  |
| Catalyst (CSI) | CAT25020 [MSOP8]     | (605)  |
| Catalyst (CSI) | CAT25020 [SOIC8]     | (950)  |
| Catalyst (CSI) | CAT25020 [TDFN8]     | (2995) |
| Catalyst (CSI) | CAT25020 [TSSOP8]    | (121)  |
| Catalyst (CSI) | CAT25040             |        |
| Catalyst (CSI) | CAT25040 (ISP)       | (138)  |
| Catalyst (CSI) | CAT25040 [MSOP8]     | (605)  |
| Catalyst (CSI) | CAT25040 [SOIC8]     | (950)  |
| Catalyst (CSI) | CAT25040 [TDFN8]     | (2995) |
| Catalyst (CSI) | CAT25040 [TSSOP8]    | (121)  |
| Catalyst (CSI) | CAT25080             |        |
| Catalyst (CSI) | CAT25080 (ISP)       | (138)  |
| Catalyst (CSI) | CAT25080 [SOIC8]     | (950)  |
| Catalyst (CSI) | CAT25080 [TDFN8]     | (2995) |
| Catalyst (CSI) | CAT25080 [TSSOP8]    | (121)  |
| Catalyst (CSI) | CAT25128             |        |
| Catalyst (CSI) | CAT25128 (ISP)       | (138)  |
| Catalyst (CSI) | CAT25128 [SOIC8-150] | (950)  |
| Catalyst (CSI) | CAT25128 [SOIC8-200] | (46)   |
| Catalyst (CSI) | CAT25128 [TDFN8]     | (2995) |
| Catalyst (CSI) | CAT25128 [TSSOP8]    | (121)  |
| Catalyst (CSI) | CAT25160             |        |
| Catalyst (CSI) | CAT25160 (ISP)       | (138)  |
| Catalyst (CSI) | CAT25160 [SOIC8]     | (950)  |
| Catalyst (CSI) | CAT25160 [TDFN8]     | (2995) |
| Catalyst (CSI) | CAT25160 [TSSOP8]    | (121)  |
| Catalyst (CSI) | CAT25256             |        |
| Catalyst (CSI) | CAT25256 (ISP)       | (138)  |
| Catalyst (CSI) | CAT25256 [SOIC8-150] | (950)  |
| Catalyst (CSI) | CAT25256 [SOIC8-200] | (46)   |
| Catalyst (CSI) | CAT25256 [TSSOP8]    | (121)  |
| Catalyst (CSI) | CAT25320             |        |
| Catalyst (CSI) | CAT25320 (ISP)       | (138)  |
| Catalyst (CSI) | CAT25320 [SOIC8]     | (950)  |
| Catalyst (CSI) | CAT25320 [TDFN8]     | (2995) |
| Catalyst (CSI) | CAT25320 [TSSOP8]    | (121)  |
| Catalyst (CSI) | CAT25640             |        |

|          |       |             |           |        |
|----------|-------|-------------|-----------|--------|
| Catalyst | (CSI) | CAT25640    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25640    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25640    | [TDFN8]   | (2995) |
| Catalyst | (CSI) | CAT25640    | [TSSOP8]  | (121)  |
| Catalyst | (CSI) | CAT25C01    |           |        |
| Catalyst | (CSI) | CAT25C01    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C01    | [MSOP8]   | (605)  |
| Catalyst | (CSI) | CAT25C01    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C01    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C01    | [TSSOP8]  | (121)  |
| Catalyst | (CSI) | CAT25C02    |           |        |
| Catalyst | (CSI) | CAT25C02    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C02    | [MSOP8]   | (605)  |
| Catalyst | (CSI) | CAT25C02    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C02    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C02    | [TSSOP8]  | (121)  |
| Catalyst | (CSI) | CAT25C03    |           |        |
| Catalyst | (CSI) | CAT25C03    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C03    | [MSOP8]   | (605)  |
| Catalyst | (CSI) | CAT25C03    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C03    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C03    | [TSSOP8]  | (121)  |
| Catalyst | (CSI) | CAT25C04    |           |        |
| Catalyst | (CSI) | CAT25C04    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C04    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C04    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C04    | [TSSOP8]  | (121)  |
| Catalyst | (CSI) | CAT25C05    |           |        |
| Catalyst | (CSI) | CAT25C05    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C05    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C05    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C05    | [TSSOP8]  | (121)  |
| Catalyst | (CSI) | CAT25C08    |           |        |
| Catalyst | (CSI) | CAT25C08    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C08    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C08    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C08    | [TSSOP8]  | (121)  |
| Catalyst | (CSI) | CAT25C09    |           |        |
| Catalyst | (CSI) | CAT25C09    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C09    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C09    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C09    | [TSSOP8]  | (121)  |
| Catalyst | (CSI) | CAT25C11    |           |        |
| Catalyst | (CSI) | CAT25C11    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C11    | [MSOP8]   | (605)  |
| Catalyst | (CSI) | CAT25C11    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C11    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C11    | [TSSOP8]  | (121)  |
| Catalyst | (CSI) | CAT25C128   |           |        |
| Catalyst | (CSI) | CAT25C128   | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C128   | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C128   | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C16    |           |        |
| Catalyst | (CSI) | CAT25C16    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C16    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C16    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C16    | [TSSOP8]  | (121)  |
| Catalyst | (CSI) | CAT25C17    |           |        |
| Catalyst | (CSI) | CAT25C17    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C17    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C17    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C17    | [TSSOP8]  | (121)  |
| Catalyst | (CSI) | CAT25C256   |           |        |
| Catalyst | (CSI) | CAT25C256   | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C256   | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C256   | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C32    |           |        |
| Catalyst | (CSI) | CAT25C32    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C32    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C32    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C32    | [TSSOP20] | (1089) |
| Catalyst | (CSI) | CAT25C33    |           |        |
| Catalyst | (CSI) | CAT25C33    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C33    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C33    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C64    |           |        |
| Catalyst | (CSI) | CAT25C64    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C64    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C64    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT25C64    | [TSSOP20] | (1089) |
| Catalyst | (CSI) | CAT25C65    |           |        |
| Catalyst | (CSI) | CAT25C65    | (ISP)     | (138)  |
| Catalyst | (CSI) | CAT25C65    | [SOIC8]   | (950)  |
| Catalyst | (CSI) | CAT25C65    | [TSSOP14] | (1087) |
| Catalyst | (CSI) | CAT27010    |           |        |
| Catalyst | (CSI) | CAT27010    | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT27128A   |           |        |
| Catalyst | (CSI) | CAT27256    |           |        |
| Catalyst | (CSI) | CAT27256    | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT27512    |           |        |
| Catalyst | (CSI) | CAT27512    | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT2764A    |           |        |
| Catalyst | (CSI) | CAT27C210   |           |        |
| Catalyst | (CSI) | CAT27C210   | [PLCC44]  | (67)   |
| Catalyst | (CSI) | CAT27HC010  |           |        |
| Catalyst | (CSI) | CAT27HC010  | [LCC32]   | (561)  |
| Catalyst | (CSI) | CAT27HC010  | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT27HC256  |           |        |
| Catalyst | (CSI) | CAT27HC256  | [LCC32]   | (561)  |
| Catalyst | (CSI) | CAT27HC256  | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT27HC256L |           |        |
| Catalyst | (CSI) | CAT27HC256L | [LCC32]   | (561)  |
| Catalyst | (CSI) | CAT27HC256L | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT28C16A   |           |        |
| Catalyst | (CSI) | CAT28C16A   | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT28C16A   | [SOIC24]  | (1062) |
| Catalyst | (CSI) | CAT28C17A   |           |        |
| Catalyst | (CSI) | CAT28C17A   | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT28C17A   | [SOIC24]  | (1062) |
| Catalyst | (CSI) | CAT28C256   |           |        |
| Catalyst | (CSI) | CAT28C256   | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT28C256   | [TSOP28]  | (54)   |
| Catalyst | (CSI) | CAT28C257   |           |        |
| Catalyst | (CSI) | CAT28C257   | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT28C257   | [TSOP28]  | (54)   |
| Catalyst | (CSI) | CAT28C512   |           |        |
| Catalyst | (CSI) | CAT28C512   | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT28C512   | [TSOP32]  | (655)  |
| Catalyst | (CSI) | CAT28C512   | [TSOP40]  | (56)   |
| Catalyst | (CSI) | CAT28C513   | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT28C64A   |           |        |
| Catalyst | (CSI) | CAT28C64A   | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT28C64A   | [SOIC28]  | (51)   |
| Catalyst | (CSI) | CAT28C64B   |           |        |
| Catalyst | (CSI) | CAT28C64B   | [PLCC32]  | (59)   |
| Catalyst | (CSI) | CAT28C64B   | [SOIC28]  | (51)   |
| Catalyst | (CSI) | CAT28C64B   | [TSOP28]  | (54)   |
| Catalyst | (CSI) | CAT28C65A   |           |        |

|          |       |                |                   |        |
|----------|-------|----------------|-------------------|--------|
| Catalyst | (CSI) | CAT28C65A      | [PLCC32]          | (59)   |
| Catalyst | (CSI) | CAT28C65A      | [SOIC28]          | (51)   |
| Catalyst | (CSI) | CAT28C65B      |                   |        |
| Catalyst | (CSI) | CAT28C65B      | [PLCC32]          | (59)   |
| Catalyst | (CSI) | CAT28C65B      | [SOIC28]          | (51)   |
| Catalyst | (CSI) | CAT28C65B      | [TSOP28]          | (54)   |
| Catalyst | (CSI) | CAT28F001Gxxx8 | [PLCC32]          | (1399) |
| Catalyst | (CSI) | CAT28F001GxxxT | [PLCC32]          | (1399) |
| Catalyst | (CSI) | CAT28F001Hxxx8 | [TSOP32]          | (1414) |
| Catalyst | (CSI) | CAT28F001HxxxT | [TSOP32]          | (1414) |
| Catalyst | (CSI) | CAT28F001Lxxx8 |                   |        |
| Catalyst | (CSI) | CAT28F001LxxxT |                   |        |
| Catalyst | (CSI) | CAT28F001Nxxx8 | [PLCC32]          | (1399) |
| Catalyst | (CSI) | CAT28F001NxxxT | [PLCC32]          | (1399) |
| Catalyst | (CSI) | CAT28F001Pxxx8 |                   |        |
| Catalyst | (CSI) | CAT28F001PxxxT |                   |        |
| Catalyst | (CSI) | CAT28F001Txxx8 | [TSOP32]          | (1414) |
| Catalyst | (CSI) | CAT28F001TxxxT | [TSOP32]          | (1414) |
| Catalyst | (CSI) | CAT28F002B     |                   |        |
| Catalyst | (CSI) | CAT28F002B     | [TSOP40]          | (1368) |
| Catalyst | (CSI) | CAT28F002T     |                   |        |
| Catalyst | (CSI) | CAT28F002T     | [TSOP40]          | (1368) |
| Catalyst | (CSI) | CAT28F010      |                   |        |
| Catalyst | (CSI) | CAT28F010      | [PLCC32]          | (1399) |
| Catalyst | (CSI) | CAT28F010      | [R-TSOP32]        | (1415) |
| Catalyst | (CSI) | CAT28F010      | [TSOP32]          | (1414) |
| Catalyst | (CSI) | CAT28F015B     |                   |        |
| Catalyst | (CSI) | CAT28F015B     | [PLCC32]          | (1399) |
| Catalyst | (CSI) | CAT28F015B     | [R-TSOP32]        | (1415) |
| Catalyst | (CSI) | CAT28F015B     | [TSOP32]          | (1414) |
| Catalyst | (CSI) | CAT28F015T     |                   |        |
| Catalyst | (CSI) | CAT28F015T     | [PLCC32]          | (1399) |
| Catalyst | (CSI) | CAT28F015T     | [R-TSOP32]        | (1415) |
| Catalyst | (CSI) | CAT28F015T     | [TSOP32]          | (1414) |
| Catalyst | (CSI) | CAT28F020      |                   |        |
| Catalyst | (CSI) | CAT28F020      | [PLCC32]          | (1399) |
| Catalyst | (CSI) | CAT28F020      | [R-TSOP32]        | (1415) |
| Catalyst | (CSI) | CAT28F020      | [TSOP32]          | (1414) |
| Catalyst | (CSI) | CAT28F102      |                   |        |
| Catalyst | (CSI) | CAT28F102      | [PLCC44]          | (67)   |
| Catalyst | (CSI) | CAT28F102      | [TSOP40]          | (1365) |
| Catalyst | (CSI) | CAT28F150B     |                   |        |
| Catalyst | (CSI) | CAT28F150B     | [TSOP40]          | (1368) |
| Catalyst | (CSI) | CAT28F150T     |                   |        |
| Catalyst | (CSI) | CAT28F150T     | [TSOP40]          | (1368) |
| Catalyst | (CSI) | CAT28F512      |                   |        |
| Catalyst | (CSI) | CAT28F512      | [PLCC32]          | (1399) |
| Catalyst | (CSI) | CAT28F512      | [R-TSOP32]        | (1415) |
| Catalyst | (CSI) | CAT28F512      | [TSOP32]          | (1414) |
| Catalyst | (CSI) | CAT28LV256     |                   |        |
| Catalyst | (CSI) | CAT28LV256     | [PLCC32]          | (59)   |
| Catalyst | (CSI) | CAT28LV256     | [TSOP28]          | (54)   |
| Catalyst | (CSI) | CAT28LV64      |                   |        |
| Catalyst | (CSI) | CAT28LV64      | [PLCC32]          | (59)   |
| Catalyst | (CSI) | CAT28LV64      | [SOIC28]          | (51)   |
| Catalyst | (CSI) | CAT28LV64      | [TSOP28]          | (54)   |
| Catalyst | (CSI) | CAT28LV65      |                   |        |
| Catalyst | (CSI) | CAT28LV65      | [PLCC32]          | (59)   |
| Catalyst | (CSI) | CAT28LV65      | [SOIC28]          | (51)   |
| Catalyst | (CSI) | CAT28LV65      | [TSOP28]          | (54)   |
| Catalyst | (CSI) | CAT29F002B     |                   |        |
| Catalyst | (CSI) | CAT29F002B     | [PLCC32]          | (1399) |
| Catalyst | (CSI) | CAT29F002B     | [TSOP32]          | (1414) |
| Catalyst | (CSI) | CAT29F002T     |                   |        |
| Catalyst | (CSI) | CAT29F002T     | [PLCC32]          | (1399) |
| Catalyst | (CSI) | CAT29F002T     | [TSOP32]          | (1414) |
| Catalyst | (CSI) | CAT29F150B     | [PLCC32]          | (1399) |
| Catalyst | (CSI) | CAT29F150B     | [TSOP32]          | (1414) |
| Catalyst | (CSI) | CAT29F150T     | [PLCC32]          | (1399) |
| Catalyst | (CSI) | CAT29F150T     | [TSOP32]          | (1414) |
| Catalyst | (CSI) | CAT32C101      |                   |        |
| Catalyst | (CSI) | CAT32C101      | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT32C101      | (x8)              |        |
| Catalyst | (CSI) | CAT32C101      | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT32C101      | (x8) [SOIC8-209]  | (46)   |
| Catalyst | (CSI) | CAT32C101      | [SOIC8-209]       | (46)   |
| Catalyst | (CSI) | CAT32C101I     | (x16)             |        |
| Catalyst | (CSI) | CAT32C101I     | (x16) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT32C101I     | (x16) [SOIC8-209] | (46)   |
| Catalyst | (CSI) | CAT32C101I     | (x8)              |        |
| Catalyst | (CSI) | CAT32C101I     | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT32C101I     | (x8) [SOIC8-209]  | (46)   |
| Catalyst | (CSI) | CAT32C101J     | (x8) [SOIC8]      | (950)  |
| Catalyst | (CSI) | CAT32C101J     | [SOIC8]           | (950)  |
| Catalyst | (CSI) | CAT33C101      |                   |        |
| Catalyst | (CSI) | CAT33C101      | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT33C101      | (x8)              |        |
| Catalyst | (CSI) | CAT33C101      | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT33C101      | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT33C101      | (x8) [SOIC8-209]  | (46)   |
| Catalyst | (CSI) | CAT33C101      | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT33C101      | [SOIC8-209]       | (46)   |
| Catalyst | (CSI) | CAT33C101I     |                   |        |
| Catalyst | (CSI) | CAT33C101I     | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT33C101I     | (x8)              |        |
| Catalyst | (CSI) | CAT33C101I     | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT33C101I     | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT33C101I     | (x8) [SOIC8-209]  | (46)   |
| Catalyst | (CSI) | CAT33C101I     | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT33C101I     | [SOIC8-209]       | (46)   |
| Catalyst | (CSI) | CAT33C101I-J   | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT33C101I-J   | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT33C101-J    | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT33C101-J    | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT33C104      |                   |        |
| Catalyst | (CSI) | CAT33C104      | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT33C104      | (x8)              |        |
| Catalyst | (CSI) | CAT33C104      | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT33C104      | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT33C104      | (x8) [SOIC8-209]  | (46)   |
| Catalyst | (CSI) | CAT33C104      | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT33C104      | [SOIC8-209]       | (46)   |
| Catalyst | (CSI) | CAT33C104I     |                   |        |
| Catalyst | (CSI) | CAT33C104I     | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT33C104I     | (x8)              |        |
| Catalyst | (CSI) | CAT33C104I     | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT33C104I     | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT33C104I     | (x8) [SOIC8-209]  | (46)   |
| Catalyst | (CSI) | CAT33C104I     | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT33C104I     | [SOIC8-209]       | (46)   |
| Catalyst | (CSI) | CAT33C108      |                   |        |
| Catalyst | (CSI) | CAT33C108      | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT33C108      | [SOIC8-209]       | (46)   |
| Catalyst | (CSI) | CAT33C108I     |                   |        |
| Catalyst | (CSI) | CAT33C108I     | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT33C108I     | [SOIC8-209]       | (46)   |
| Catalyst | (CSI) | CAT33C116      |                   |        |
| Catalyst | (CSI) | CAT33C116      | [SOIC8-150]       | (950)  |

|          |       |                |                  |        |
|----------|-------|----------------|------------------|--------|
| Catalyst | (CSI) | CAT33C116      | [SOIC8-209]      | (46)   |
| Catalyst | (CSI) | CAT33C116I     |                  |        |
| Catalyst | (CSI) | CAT33C116I     | [SOIC8-150]      | (950)  |
| Catalyst | (CSI) | CAT33C116I     | [SOIC8-209]      | (46)   |
| Catalyst | (CSI) | CAT33C204      |                  |        |
| Catalyst | (CSI) | CAT34C02       | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT34C02       | [TDFN8]          | (2995) |
| Catalyst | (CSI) | CAT34C02       | [TSSOP8]         | (121)  |
| Catalyst | (CSI) | CAT34C02       | [UDFN8]          | (4538) |
| Catalyst | (CSI) | CAT34RC02      |                  |        |
| Catalyst | (CSI) | CAT34RC02      | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT34RC02      | [SOIC8]          | (950)  |
| Catalyst | (CSI) | CAT34RC02      | [TDFN8]          | (2995) |
| Catalyst | (CSI) | CAT34RC02      | [TSSOP8]         | (121)  |
| Catalyst | (CSI) | CAT34TS02      | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT34TS02      | [TDFN8]          | (2995) |
| Catalyst | (CSI) | CAT34WC02      |                  |        |
| Catalyst | (CSI) | CAT34WC02      | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT34WC02      | [SOIC8]          | (950)  |
| Catalyst | (CSI) | CAT34WC02      | [TSSOP8]         | (121)  |
| Catalyst | (CSI) | CAT35C102      |                  |        |
| Catalyst | (CSI) | CAT35C102      | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT35C102      | (x8)             |        |
| Catalyst | (CSI) | CAT35C102      | (x8) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT35C102      | (x8) [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT35C102      | (x8) [SOIC8-209] | (46)   |
| Catalyst | (CSI) | CAT35C102      | [SOIC8-150]      | (950)  |
| Catalyst | (CSI) | CAT35C102      | [SOIC8-209]      | (46)   |
| Catalyst | (CSI) | CAT35C102I     |                  |        |
| Catalyst | (CSI) | CAT35C102I     | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT35C102I     | (x8)             |        |
| Catalyst | (CSI) | CAT35C102I     | (x8) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT35C102I     | (x8) [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT35C102I     | (x8) [SOIC8-209] | (46)   |
| Catalyst | (CSI) | CAT35C102I     | [SOIC8-150]      | (950)  |
| Catalyst | (CSI) | CAT35C102I     | [SOIC8-200]      | (46)   |
| Catalyst | (CSI) | CAT35C104      |                  |        |
| Catalyst | (CSI) | CAT35C104      | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT35C104      | (x8)             |        |
| Catalyst | (CSI) | CAT35C104      | (x8) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT35C104      | (x8) [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT35C104      | (x8) [SOIC8-209] | (46)   |
| Catalyst | (CSI) | CAT35C104      | [SOIC8-150]      | (950)  |
| Catalyst | (CSI) | CAT35C104      | [SOIC8-209]      | (46)   |
| Catalyst | (CSI) | CAT35C104I     |                  |        |
| Catalyst | (CSI) | CAT35C104I     | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT35C104I     | (x8)             |        |
| Catalyst | (CSI) | CAT35C104I     | (x8) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT35C104I     | (x8) [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT35C104I     | (x8) [SOIC8-209] | (46)   |
| Catalyst | (CSI) | CAT35C104I     | [SOIC8-150]      | (950)  |
| Catalyst | (CSI) | CAT35C104I     | [SOIC8-209]      | (46)   |
| Catalyst | (CSI) | CAT35C108      |                  |        |
| Catalyst | (CSI) | CAT35C108      | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT35C108      | (x8)             |        |
| Catalyst | (CSI) | CAT35C108      | (x8) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT35C108      | (x8) [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT35C108      | (x8) [SOIC8-209] | (46)   |
| Catalyst | (CSI) | CAT35C108      | [SOIC8-150]      | (950)  |
| Catalyst | (CSI) | CAT35C108      | [SOIC8-209]      | (46)   |
| Catalyst | (CSI) | CAT35C108I     |                  |        |
| Catalyst | (CSI) | CAT35C108I     | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT35C108I     | (x8)             |        |
| Catalyst | (CSI) | CAT35C108I     | (x8) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT35C108I     | (x8) [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT35C108I     | (x8) [SOIC8-209] | (46)   |
| Catalyst | (CSI) | CAT35C108I     | [SOIC8-150]      | (950)  |
| Catalyst | (CSI) | CAT35C108I     | [SOIC8-209]      | (46)   |
| Catalyst | (CSI) | CAT35C116      |                  |        |
| Catalyst | (CSI) | CAT35C116      | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT35C116      | (x8)             |        |
| Catalyst | (CSI) | CAT35C116      | (x8) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT35C116      | (x8) [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT35C116      | (x8) [SOIC8-209] | (46)   |
| Catalyst | (CSI) | CAT35C116      | [SOIC8-150]      | (950)  |
| Catalyst | (CSI) | CAT35C116      | [SOIC8-209]      | (46)   |
| Catalyst | (CSI) | CAT35C116I     |                  |        |
| Catalyst | (CSI) | CAT35C116I     | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT35C116I     | (x8)             |        |
| Catalyst | (CSI) | CAT35C116I     | (x8) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT35C116I     | (x8) [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT35C116I     | (x8) [SOIC8-209] | (46)   |
| Catalyst | (CSI) | CAT35C116I     | [SOIC8-150]      | (950)  |
| Catalyst | (CSI) | CAT35C116I     | [SOIC8-209]      | (46)   |
| Catalyst | (CSI) | CAT35C202      |                  |        |
| Catalyst | (CSI) | CAT35C202      | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT35C204      |                  |        |
| Catalyst | (CSI) | CAT5132        | [MSOP10]         | (984)  |
| Catalyst | (CSI) | CAT5221        | [SOIC20]         | (119)  |
| Catalyst | (CSI) | CAT5221        | [TSSOP20]        | (1089) |
| Catalyst | (CSI) | CAT5241        | [SOIC20]         | (119)  |
| Catalyst | (CSI) | CAT5241        | [TSSOP20]        | (1089) |
| Catalyst | (CSI) | CAT5251        | [SOIC24]         | (1062) |
| Catalyst | (CSI) | CAT5251        | [TSSOP24]        | (1090) |
| Catalyst | (CSI) | CAT5259        | [SOIC24]         | (1062) |
| Catalyst | (CSI) | CAT5259        | [TSSOP24]        | (1090) |
| Catalyst | (CSI) | CAT5261        | [SOIC24]         | (1062) |
| Catalyst | (CSI) | CAT5261        | [TSSOP24]        | (1090) |
| Catalyst | (CSI) | CAT5269        | [SOIC24]         | (1062) |
| Catalyst | (CSI) | CAT5269        | [TSSOP24]        | (1090) |
| Catalyst | (CSI) | CAT5401        | [SOIC24]         | (1062) |
| Catalyst | (CSI) | CAT5401        | [TSSOP24]        | (1090) |
| Catalyst | (CSI) | CAT5409        | [SOIC24]         | (1062) |
| Catalyst | (CSI) | CAT5409        | [TSSOP24]        | (1090) |
| Catalyst | (CSI) | CAT5411        | [SOIC24]         | (1062) |
| Catalyst | (CSI) | CAT5411        | [TSSOP24]        | (1090) |
| Catalyst | (CSI) | CAT5419        | [SOIC24]         | (1062) |
| Catalyst | (CSI) | CAT5419        | [TSSOP24]        | (1090) |
| Catalyst | (CSI) | CAT59C11/A/H/I |                  |        |
| Catalyst | (CSI) | CAT59C11/A/H/I | (ISP)            | (138)  |
| Catalyst | (CSI) | CAT59C11/A/H/I | (x8)             |        |
| Catalyst | (CSI) | CAT59C11/A/H/I | (x8) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT64LC10      |                  |        |
| Catalyst | (CSI) | CAT64LC10J     | [SOIC8]          | (950)  |
| Catalyst | (CSI) | CAT64LC10S     | [SOIC8]          | (950)  |
| Catalyst | (CSI) | CAT64LC10U     | [TSSOP8]         | (121)  |
| Catalyst | (CSI) | CAT64LC10UR    | [TSSOP8]         | (121)  |
| Catalyst | (CSI) | CAT64LC20      |                  |        |
| Catalyst | (CSI) | CAT64LC20J     | [SOIC8]          | (950)  |
| Catalyst | (CSI) | CAT64LC20S     | [SOIC8]          | (950)  |
| Catalyst | (CSI) | CAT64LC20U     | [TSSOP8]         | (121)  |
| Catalyst | (CSI) | CAT64LC20UR    | [TSSOP8]         | (121)  |
| Catalyst | (CSI) | CAT64LC40      |                  |        |
| Catalyst | (CSI) | CAT64LC40J     | [SOIC8]          | (950)  |
| Catalyst | (CSI) | CAT64LC40S     | [SOIC8]          | (950)  |
| Catalyst | (CSI) | CAT64LC40U     | [TSSOP8]         | (121)  |
| Catalyst | (CSI) | CAT64LC40UR    | [TSSOP8]         | (121)  |
| Catalyst | (CSI) | CAT93C46       |                  |        |

|          |       |            |                   |        |
|----------|-------|------------|-------------------|--------|
| Catalyst | (CSI) | CAT93C46   | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT93C46   | (x8)              | (138)  |
| Catalyst | (CSI) | CAT93C46   | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT93C46   | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT93C46   | (x8) [SOIC8-208]  | (46)   |
| Catalyst | (CSI) | CAT93C46   | (x8) [TDFN8]      | (2995) |
| Catalyst | (CSI) | CAT93C46   | (x8) [TSSOP8]     | (121)  |
| Catalyst | (CSI) | CAT93C46   | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT93C46   | [SOIC8-208]       | (46)   |
| Catalyst | (CSI) | CAT93C46   | [TDFN8]           | (2995) |
| Catalyst | (CSI) | CAT93C46   | [TSSOP8]          | (121)  |
| Catalyst | (CSI) | CAT93C46A  |                   |        |
| Catalyst | (CSI) | CAT93C46A  | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT93C46A  | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT93C46A  | [SOIC8-208]       | (46)   |
| Catalyst | (CSI) | CAT93C46AH |                   |        |
| Catalyst | (CSI) | CAT93C46AH | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT93C46AJ | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT93C46B  |                   |        |
| Catalyst | (CSI) | CAT93C46H  |                   |        |
| Catalyst | (CSI) | CAT93C46H  | (x16) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT93C46H  | (x8)              | (138)  |
| Catalyst | (CSI) | CAT93C46H  | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT93C46R  | (x16)             | (138)  |
| Catalyst | (CSI) | CAT93C46R  | (x16) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT93C46R  | (x16) [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT93C46R  | (x16) [SOIC8-208] | (46)   |
| Catalyst | (CSI) | CAT93C46R  | (x16) [TDFN8]     | (2995) |
| Catalyst | (CSI) | CAT93C46R  | (x16) [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT93C46R  | (x8)              | (138)  |
| Catalyst | (CSI) | CAT93C46R  | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT93C46R  | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT93C46R  | (x8) [SOIC8-208]  | (46)   |
| Catalyst | (CSI) | CAT93C46R  | (x8) [TDFN8]      | (2995) |
| Catalyst | (CSI) | CAT93C46R  | (x8) [TSSOP8]     | (121)  |
| Catalyst | (CSI) | CAT93C46RW | (x16) [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT93C46RW | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT93C46W  | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT93C46W  | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT93C46W  | [SOIC8-208]       | (46)   |
| Catalyst | (CSI) | CAT93C56   |                   |        |
| Catalyst | (CSI) | CAT93C56   | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT93C56   | (x8)              | (138)  |
| Catalyst | (CSI) | CAT93C56   | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT93C56   | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT93C56   | (x8) [SOIC8-208]  | (46)   |
| Catalyst | (CSI) | CAT93C56   | (x8) [TDFN8]      | (2995) |
| Catalyst | (CSI) | CAT93C56   | (x8) [TSSOP8]     | (121)  |
| Catalyst | (CSI) | CAT93C56   | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT93C56   | [SOIC8-208]       | (46)   |
| Catalyst | (CSI) | CAT93C56   | [TDFN8]           | (2995) |
| Catalyst | (CSI) | CAT93C56   | [TSSOP8]          | (121)  |
| Catalyst | (CSI) | CAT93C56A  |                   |        |
| Catalyst | (CSI) | CAT93C56A  | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT93C56A  | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT93C56A  | [SOIC8-208]       | (46)   |
| Catalyst | (CSI) | CAT93C56AJ | [SOIC8]           | (950)  |
| Catalyst | (CSI) | CAT93C56W  | (x8) [SOIC8]      | (950)  |
| Catalyst | (CSI) | CAT93C56W  | [SOIC8]           | (950)  |
| Catalyst | (CSI) | CAT93C57   |                   |        |
| Catalyst | (CSI) | CAT93C57   | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT93C57   | (x8)              | (138)  |
| Catalyst | (CSI) | CAT93C57   | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT93C57   | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT93C57   | (x8) [SOIC8-208]  | (46)   |
| Catalyst | (CSI) | CAT93C57   | (x8) [TDFN8]      | (2995) |
| Catalyst | (CSI) | CAT93C57   | (x8) [TSSOP8]     | (121)  |
| Catalyst | (CSI) | CAT93C57   | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT93C57   | [SOIC8-208]       | (46)   |
| Catalyst | (CSI) | CAT93C57   | [TDFN8]           | (2995) |
| Catalyst | (CSI) | CAT93C57   | [TSSOP8]          | (121)  |
| Catalyst | (CSI) | CAT93C57W  | (x8) [SOIC8]      | (950)  |
| Catalyst | (CSI) | CAT93C57W  | [SOIC8]           | (950)  |
| Catalyst | (CSI) | CAT93C66   |                   |        |
| Catalyst | (CSI) | CAT93C66   | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT93C66   | (x8)              | (138)  |
| Catalyst | (CSI) | CAT93C66   | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT93C66   | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT93C66   | (x8) [SOIC8-208]  | (46)   |
| Catalyst | (CSI) | CAT93C66   | (x8) [TDFN8]      | (2995) |
| Catalyst | (CSI) | CAT93C66   | (x8) [TSSOP8]     | (121)  |
| Catalyst | (CSI) | CAT93C66   | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT93C66   | [SOIC8-208]       | (46)   |
| Catalyst | (CSI) | CAT93C66   | [TDFN8]           | (2995) |
| Catalyst | (CSI) | CAT93C66   | [TSSOP8]          | (121)  |
| Catalyst | (CSI) | CAT93C66A  |                   |        |
| Catalyst | (CSI) | CAT93C66A  | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT93C66A  | [SOIC8-208]       | (46)   |
| Catalyst | (CSI) | CAT93C66W  | (x8) [SOIC8]      | (950)  |
| Catalyst | (CSI) | CAT93C66W  | [SOIC8]           | (950)  |
| Catalyst | (CSI) | CAT93C76   | (x16)             |        |
| Catalyst | (CSI) | CAT93C76   | (x16) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT93C76   | (x16) [DFN8]      | (1420) |
| Catalyst | (CSI) | CAT93C76   | (x16) [SOIC8]     | (950)  |
| Catalyst | (CSI) | CAT93C76   | (x16) [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT93C76   | (x8)              | (138)  |
| Catalyst | (CSI) | CAT93C76   | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT93C76   | (x8) [DFN8]       | (1420) |
| Catalyst | (CSI) | CAT93C76   | (x8) [SOIC8]      | (950)  |
| Catalyst | (CSI) | CAT93C76   | (x8) [TSSOP8]     | (121)  |
| Catalyst | (CSI) | CAT93C86   |                   |        |
| Catalyst | (CSI) | CAT93C86   | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT93C86   | (x8)              | (138)  |
| Catalyst | (CSI) | CAT93C86   | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT93C86   | (x8) [DFN8]       | (1420) |
| Catalyst | (CSI) | CAT93C86   | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT93C86   | (x8) [SOIC8-208]  | (46)   |
| Catalyst | (CSI) | CAT93C86   | (x8) [TSSOP8]     | (121)  |
| Catalyst | (CSI) | CAT93C86   | [DFN8]            | (1420) |
| Catalyst | (CSI) | CAT93C86   | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT93C86   | [SOIC8-208]       | (46)   |
| Catalyst | (CSI) | CAT93C86   | [TSSOP8]          | (121)  |
| Catalyst | (CSI) | CAT93C86A  |                   |        |
| Catalyst | (CSI) | CAT93C86A  | (ISP)             | (138)  |
| Catalyst | (CSI) | CAT93C86A  | [SOIC8-150]       | (950)  |
| Catalyst | (CSI) | CAT93C86A  | [SOIC8-208]       | (46)   |
| Catalyst | (CSI) | CAT93C86W  | (x8) [SOIC8]      | (950)  |
| Catalyst | (CSI) | CAT93C86W  | [SOIC8]           | (950)  |
| Catalyst | (CSI) | CAT93HC46  | (x16)             |        |
| Catalyst | (CSI) | CAT93HC46  | (x16) (ISP)       | (138)  |
| Catalyst | (CSI) | CAT93HC46  | (x16) [MSOP8]     | (605)  |
| Catalyst | (CSI) | CAT93HC46  | (x16) [SOIC8-150] | (950)  |
| Catalyst | (CSI) | CAT93HC46  | (x16) [TSSOP8]    | (121)  |
| Catalyst | (CSI) | CAT93HC46  | (x8)              | (138)  |
| Catalyst | (CSI) | CAT93HC46  | (x8) (ISP)        | (138)  |
| Catalyst | (CSI) | CAT93HC46  | (x8) [MSOP8]      | (605)  |
| Catalyst | (CSI) | CAT93HC46  | (x8) [SOIC8-150]  | (950)  |
| Catalyst | (CSI) | CAT93HC46  | (x8) [TSSOP8]     | (121)  |



|                    |                              |             |
|--------------------|------------------------------|-------------|
| Catalyst (CSI)     | CAT93HC46J (x8) [SOIC8-150]  | (950)       |
| Catalyst (CSI)     | CAT93HC46J [SOIC8]           | (950)       |
| Catalyst (CSI)     | CAT93HC46W (x16) [SOIC8-150] | (950)       |
| Catalyst (CSI)     | CAT93HC46W (x8) [SOIC8-150]  | (950)       |
| CBC Microelectr.   | MC24LC02                     |             |
| CBC Microelectr.   | MC24LC02 (ISP)               | (138)       |
| CBC Microelectr.   | MC24LC02 [SOP8]              | (950)       |
| CBC Microelectr.   | MC24LC02 [TSSOP8]            | (121)       |
| CBC Microelectr.   | MC24LC04                     |             |
| CBC Microelectr.   | MC24LC04 (ISP)               | (138)       |
| CBC Microelectr.   | MC24LC04 [SOP8]              | (950)       |
| CBC Microelectr.   | MC24LC04 [TSSOP8]            | (121)       |
| CBC Microelectr.   | MC24LC08                     |             |
| CBC Microelectr.   | MC24LC08 (ISP)               | (138)       |
| CBC Microelectr.   | MC24LC08 [SOP8]              | (950)       |
| CBC Microelectr.   | MC24LC08 [TSSOP8]            | (121)       |
| CBC Microelectr.   | MC24LC16                     |             |
| CBC Microelectr.   | MC24LC16 (ISP)               | (138)       |
| CBC Microelectr.   | MC24LC16 [SOP8]              | (950)       |
| CBC Microelectr.   | MC24LC16 [TSSOP8]            | (121)       |
| Ceramate Technica  | 24LC02                       |             |
| Ceramate Technica  | 24LC02 (ISP)                 | (138)       |
| Ceramate Technica  | 24LC02 [SOIC8]               | (950)       |
| Ceramate Technica  | 24LC02 [TSSOP8]              | (121)       |
| Ceramate Technica  | 24LC08                       |             |
| Ceramate Technica  | 24LC08 (ISP)                 | (138)       |
| Ceramate Technica  | 24LC08 [SOIC8]               | (950)       |
| Ceramate Technica  | 24LC08 [TSSOP8]              | (121)       |
| Ceramate Technica  | 24LC16                       |             |
| Ceramate Technica  | 24LC16 (ISP)                 | (138)       |
| Ceramate Technica  | 24LC16 [SOIC8]               | (950)       |
| Ceramate Technica  | 24LC16 [TSSOP8]              | (121)       |
| Ceramate Technica  | 24LLC02                      |             |
| Ceramate Technica  | 24LLC02 (ISP)                | (138)       |
| Ceramate Technica  | 24LLC02 [SOIC8]              | (950)       |
| Ceramate Technica  | 24LLC02 [TSSOP8]             | (121)       |
| Ceramate Technica  | 24LLC08                      |             |
| Ceramate Technica  | 24LLC08 (ISP)                | (138)       |
| Ceramate Technica  | 24LLC08 [SOIC8]              | (950)       |
| Ceramate Technica  | 24LLC08 [TSSOP8]             | (121)       |
| Ceramate Technica  | 24LLC16                      |             |
| Ceramate Technica  | 24LLC16 (ISP)                | (138)       |
| Ceramate Technica  | 24LLC16 [SOIC8]              | (950)       |
| Ceramate Technica  | 24LLC16 [TSSOP8]             | (121)       |
| Ceramate Technica  | 93LC46                       |             |
| Ceramate Technica  | 93LC46 (ISP)                 | (138)       |
| Ceramate Technica  | 93LC46 [SOIC8]               | (950)       |
| Ceramate Technica  | 93LC46G [SOIC8]              | (950)       |
| cFeon(Eon Si.Sol.) | EN25B05 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25B05 [SOP8-150]           | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25B05 [VDFN8]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25B05T (ISP)               | (138)       |
| cFeon(Eon Si.Sol.) | EN25B05T [SOP8-150]          | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25B05T [VDFN8]             | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25B10 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25B10 [SOP8-150]           | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25B10 [VDFN8]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25B10T (ISP)               | (138)       |
| cFeon(Eon Si.Sol.) | EN25B10T [SOP8-150]          | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25B10T [VDFN8]             | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25B16                      |             |
| cFeon(Eon Si.Sol.) | EN25B16 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25B16 [SOP16]              | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25B16 [SOP8]               | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25B16 [VDFN8]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25B16T                     |             |
| cFeon(Eon Si.Sol.) | EN25B16T (ISP)               | (138)       |
| cFeon(Eon Si.Sol.) | EN25B16T [SOP16]             | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25B16T [SOP8]              | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25B16T [VDFN8]             | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25B20 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25B20 [SOP8-150]           | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25B20 [VDFN8]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25B20T (ISP)               | (138)       |
| cFeon(Eon Si.Sol.) | EN25B20T [SOP8-150]          | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25B20T [VDFN8]             | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25B32                      |             |
| cFeon(Eon Si.Sol.) | EN25B32 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25B32 [SOP16]              | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25B32 [SOP8]               | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25B32 [VDFN8]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25B32T                     |             |
| cFeon(Eon Si.Sol.) | EN25B32T (ISP)               | (138)       |
| cFeon(Eon Si.Sol.) | EN25B32T [SOP16]             | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25B32T [SOP8]              | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25B32T [VDFN8]             | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25B40                      |             |
| cFeon(Eon Si.Sol.) | EN25B40 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25B40 [SOP8-150]           | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25B40 [SOP8-200]           | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25B40 [VDFN8]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25B40T                     |             |
| cFeon(Eon Si.Sol.) | EN25B40T (ISP)               | (138)       |
| cFeon(Eon Si.Sol.) | EN25B40T [SOP8-150]          | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25B40T [SOP8-200]          | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25B40T [VDFN8]             | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25B64 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25B64 [SOP16]              | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25B64T (ISP)               | (138)       |
| cFeon(Eon Si.Sol.) | EN25B64T [SOP16]             | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25B80                      |             |
| cFeon(Eon Si.Sol.) | EN25B80 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25B80 [SOIC8]              | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25B80 [VDFN8]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25B80T                     |             |
| cFeon(Eon Si.Sol.) | EN25B80T (ISP)               | (138)       |
| cFeon(Eon Si.Sol.) | EN25B80T [SOIC8]             | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25B80T [VDFN8]             | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25D16                      |             |
| cFeon(Eon Si.Sol.) | EN25D16 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25D16 [SOP16]              | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25D16 [SOP8]               | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25D16 [VDFN8]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25D80                      |             |
| cFeon(Eon Si.Sol.) | EN25D80 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25D80 [SOP8]               | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25D80 [SOP8] (DualSPI)     | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25D80 [VDFN8]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25D80 [VDFN8] (DualSPI)    | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25F05 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25F05 [SOP8-150]           | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25F05 [VDFN8]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25F10 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25F10 [SOP8]               | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25F10 [VDFN8]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25F16                      |             |
| cFeon(Eon Si.Sol.) | EN25F16 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25F16 [SOP16]              | (3101) (*1) |

|                    |                                |             |
|--------------------|--------------------------------|-------------|
| cFeon(Eon Si.Sol.) | EN25F16 [SOP8]                 | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25F16 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25F20 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25F20 [SOP8]                 | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25F20 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25F20A (ISP)                 | (138)       |
| cFeon(Eon Si.Sol.) | EN25F20A [SOP8-150]            | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25F20A [USON8]               | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25F20A [VDFN8 5x6]           | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25F20A [VSOP8-150]           | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25F32                        |             |
| cFeon(Eon Si.Sol.) | EN25F32 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25F32 [SOP16]                | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25F32 [SOP8]                 | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25F32 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25F40                        |             |
| cFeon(Eon Si.Sol.) | EN25F40 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25F40 [SOP8-150]             | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25F40 [SOP8-200]             | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25F40 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25F40A (ISP)                 | (138)       |
| cFeon(Eon Si.Sol.) | EN25F40A [SOP8-150]            | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25F40A [USON8]               | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25F40A [VDFN8 5x6]           | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25F40A [VSOP8-150]           | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25F64                        |             |
| cFeon(Eon Si.Sol.) | EN25F64 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25F64 [SOP16]                | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25F64 [SOP8]                 | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25F64 [SOP8] (DualSPI)       | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25F64 [VDFN8 5x6]            | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25F64 [VDFN8 5x6] (DualSPI)  | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25F64 [VDFN8 6x8]            | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25F64 [VDFN8 6x8] (DualSPI)  | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25F80                        |             |
| cFeon(Eon Si.Sol.) | EN25F80 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25F80 [SOP8-200]             | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25F80 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25LF05 (ISP)                 | (138)       |
| cFeon(Eon Si.Sol.) | EN25LF05 [SOP8-150]            | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25LF05 [VDFN8]               | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25LF10 (ISP)                 | (138)       |
| cFeon(Eon Si.Sol.) | EN25LF10 [SOP8]                | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25LF10 [VDFN8]               | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25LF20 (ISP)                 | (138)       |
| cFeon(Eon Si.Sol.) | EN25LF20 [SOP8]                | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25LF20 [VDFN8]               | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25LF40                       |             |
| cFeon(Eon Si.Sol.) | EN25LF40 (ISP)                 | (138)       |
| cFeon(Eon Si.Sol.) | EN25LF40 [SOP8-150]            | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25LF40 [SOP8-200]            | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25LF40 [VDFN8]               | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25P05 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25P05 [SOP8-150]             | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25P05 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25P10 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25P10 [SOP8-150]             | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25P10 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25P16                        |             |
| cFeon(Eon Si.Sol.) | EN25P16 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25P16 [SOP16]                | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25P16 [SOP8]                 | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25P16 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25P20 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25P20 [SOP8-150]             | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25P20 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25P32                        |             |
| cFeon(Eon Si.Sol.) | EN25P32 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25P32 [SOP16]                | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25P32 [SOP8]                 | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25P32 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25P40                        |             |
| cFeon(Eon Si.Sol.) | EN25P40 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25P40 [SOP8-150]             | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25P40 [SOP8-200]             | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25P40 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25P64 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25P64 [SOP16]                | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25P80                        |             |
| cFeon(Eon Si.Sol.) | EN25P80 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25P80 [SOIC8]                | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25P80 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q128 (ISP)                 | (138)       |
| cFeon(Eon Si.Sol.) | EN25Q128 [BGA24 6x8]           | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q128 [BGA24 6x8] (DualSPI) | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q128 [BGA24 6x8] (QuadSPI) | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q128 [SOP16]               | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q128 [SOP16] (DualSPI)     | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q128 [SOP16] (QuadSPI)     | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q128 [VDFN8 5x6]           | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q128 [VDFN8 5x6] (DualSPI) | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q128 [VDFN8 5x6] (QuadSPI) | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q128 [VDFN8 6x8]           | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q128 [VDFN8 6x8] (DualSPI) | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q128 [VDFN8 6x8] (QuadSPI) | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16                        |             |
| cFeon(Eon Si.Sol.) | EN25Q16 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25Q16 [SOP8-150]             | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16 [SOP8-150] (DualSPI)   | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16 [SOP8-150] (QuadSPI)   | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16 [SOP8-200]             | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16 [SOP8-200] (DualSPI)   | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16 [SOP8-200] (QuadSPI)   | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16 [VDFN8] (DualSPI)      | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16 [VDFN8] (QuadSPI)      | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16A                       |             |
| cFeon(Eon Si.Sol.) | EN25Q16A (ISP)                 | (138)       |
| cFeon(Eon Si.Sol.) | EN25Q16A [SOP8-150]            | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16A [SOP8-150] (DualSPI)  | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16A [SOP8-200]            | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16A [SOP8-200] (DualSPI)  | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16A [VDFN8]               | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q16A [VDFN8] (DualSPI)     | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32 (ISP)                  | (138)       |
| cFeon(Eon Si.Sol.) | EN25Q32 [SOP8]                 | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32 [SOP8] (DualSPI)       | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32 [VDFN8]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32 [VDFN8] (DualSPI)      | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32A                       |             |
| cFeon(Eon Si.Sol.) | EN25Q32A (ISP)                 | (138)       |
| cFeon(Eon Si.Sol.) | EN25Q32A [SOP16]               | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32A [SOP16] (DualSPI)     | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32A [SOP16] (QuadSPI)     | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32A [SOP8]                | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32A [SOP8] (DualSPI)      | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32A [SOP8] (QuadSPI)      | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32A [VDFN8]               | (3097) (*1) |

|                    |                                    |             |
|--------------------|------------------------------------|-------------|
| cFeon(Eon Si.Sol.) | EN25Q32A [VDFN8] (DualSPI)         | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32A [VDFN8] (QuadSPI)         | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32B                           |             |
| cFeon(Eon Si.Sol.) | EN25Q32B (ISP)                     | (138)       |
| cFeon(Eon Si.Sol.) | EN25Q32B [BGA24 6x8]               | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32B [BGA24 6x8] (DualSPI)     | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32B [BGA24 6x8] (QuadSPI)     | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32B [SOP16]                   | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32B [SOP16] (DualSPI)         | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32B [SOP16] (QuadSPI)         | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32B [SOP8]                    | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32B [SOP8] (DualSPI)          | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32B [SOP8] (QuadSPI)          | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32B [VDFN8]                   | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32B [VDFN8] (DualSPI)         | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32B [VDFN8] (QuadSPI)         | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q32C (ISP)                     | (138)       |
| cFeon(Eon Si.Sol.) | EN25Q32C [SOP8]                    | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40                            |             |
| cFeon(Eon Si.Sol.) | EN25Q40 (ISP)                      | (138)       |
| cFeon(Eon Si.Sol.) | EN25Q40 [SOP8-150]                 | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40 [SOP8-150] (DualSPI)       | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40 [SOP8-200]                 | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40 [SOP8-200] (DualSPI)       | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40 [USON8]                    | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40 [VDFN8]                    | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40 [VDFN8] (DualSPI)          | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40A (ISP)                     | (138)       |
| cFeon(Eon Si.Sol.) | EN25Q40A [SOP8-150]                | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40A [SOP8-150] (QuadSPI)      | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40A [SOP8-200] (QuadSPI)      | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40A [USON8]                   | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40A [VDFN8]                   | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40A [VDFN8] (QuadSPI)         | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40A [VSOP8-150]               | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40B (2X) [SOP8-150]           | (3094) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q40B (2X) [SOP8-150] (QuadSPI) | (3094) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64                            |             |
| cFeon(Eon Si.Sol.) | EN25Q64 (ISP)                      | (138)       |
| cFeon(Eon Si.Sol.) | EN25Q64 [BGA24 6x8]                | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64 [BGA24 6x8] (DualSPI)      | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64 [SOP16]                    | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64 [SOP16] (DualSPI)          | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64 [SOP16] (QuadSPI)          | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64 [SOP8]                     | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64 [SOP8] (DualSPI)           | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64 [SOP8] (QuadSPI)           | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64 [VDFN8 5x6]                | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64 [VDFN8 5x6] (DualSPI)      | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64 [VDFN8 5x6] (QuadSPI)      | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64 [VDFN8 6x8]                | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64 [VDFN8 6x8] (DualSPI)      | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q64 [VDFN8 6x8] (QuadSPI)      | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80A                           |             |
| cFeon(Eon Si.Sol.) | EN25Q80A (ISP)                     | (138)       |
| cFeon(Eon Si.Sol.) | EN25Q80A [SOP8-150]                | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80A [SOP8-150] (DualSPI)      | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80A [SOP8-200]                | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80A [SOP8-200] (DualSPI)      | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80A [TFBGA24]                 | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80A [VDFN8]                   | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80A [VDFN8] (DualSPI)         | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80B                           |             |
| cFeon(Eon Si.Sol.) | EN25Q80B (ISP)                     | (138)       |
| cFeon(Eon Si.Sol.) | EN25Q80B [SOP8-150]                | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80B [SOP8-150] (QuadSPI)      | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80B [SOP8-200]                | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80B [SOP8-200] (QuadSPI)      | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80B [USON8]                   | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80B [VDFN8]                   | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80B [VDFN8] (QuadSPI)         | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80B [VSOP8-150]               | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80B [VSOP8-150] (QuadSPI)     | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25Q80C (2A) [SOP8-150] (QuadSPI) | (3094) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA128 (ISP)                    | (138)       |
| cFeon(Eon Si.Sol.) | EN25QA128 [SOP16]                  | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA128 [SOP16] (QuadSPI)        | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA128 [TFBGA24 6x8]            | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA128 [TFBGA24 6x8] (QuadSPI)  | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA128 [VDFN8 6x8] (QuadSPI)    | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA16 (ISP)                     | (138)       |
| cFeon(Eon Si.Sol.) | EN25QA16 [SOP8]                    | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA16 [TFBGA24 6x8]             | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA16 [TFBGA24 6x8] (DualSPI)   | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA16 [TFBGA24 6x8] (QuadSPI)   | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA256 (ISP)                    | (138)       |
| cFeon(Eon Si.Sol.) | EN25QA256 [SOP16]                  | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA256 [SOP16] (DualSPI)        | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA256 [SOP16] (QuadSPI)        | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA256 [TFBGA24 6x8]            | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA256 [TFBGA24 6x8] (DualSPI)  | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA256 [TFBGA24 6x8] (QuadSPI)  | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA256 [VDFN8 6x8]              | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA256 [VDFN8 6x8] (DualSPI)    | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA256 [VDFN8 6x8] (QuadSPI)    | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA32 (ISP)                     | (138)       |
| cFeon(Eon Si.Sol.) | EN25QA32 [SOP8]                    | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA32 [SOP8] (DualSPI)          | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA32 [TFBGA24 6x8]             | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA32 [TFBGA24 6x8] (DualSPI)   | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA64 (ISP)                     | (138)       |
| cFeon(Eon Si.Sol.) | EN25QA64 [SOP8]                    | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA64 [TFBGA24 6x8]             | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA64 [TFBGA24 6x8] (DualSPI)   | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QA64 [TFBGA24 6x8] (QuadSPI)   | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QF256 (ISP)                    | (138)       |
| cFeon(Eon Si.Sol.) | EN25QF256 [BGA24 6x8]              | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QF256 [SOP16]                  | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QF256 [SOP16] (QuadSPI)        | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QF256 [TFBGA24 6x8] (QuadSPI)  | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QF256 [VDFN8 6x8]              | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25QF256 [VDFN8 6x8] (QuadSPI)    | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH128 (ISP)                    | (138)       |
| cFeon(Eon Si.Sol.) | EN25QH128 [BGA24 6x8]              | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH128 [SOP16]                  | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH128 [SOP16] (QuadSPI)        | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH128 [TFBGA24 6x8] (QuadSPI)  | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH128 [VDFN8 6x8]              | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH128 [VDFN8 6x8] (QuadSPI)    | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH128A                         |             |
| cFeon(Eon Si.Sol.) | EN25QH128A (ISP)                   | (138)       |
| cFeon(Eon Si.Sol.) | EN25QH128A [SOP16]                 | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH128A [SOP16] (QuadSPI)       | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH128A [SOP8] (QuadSPI)        | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH128A [SOP8-200]              | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH128A [TFBGA24 6x8] (QuadSPI) | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH128A [VDFN8 5x6] (QuadSPI)   | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH128A [VDFN8 6x8] (QuadSPI)   | (3053) (*1) |

|                    |                                   |             |
|--------------------|-----------------------------------|-------------|
| cFeon(Eon Si.Sol.) | EN25QH128A [VSOP8] (QuadSPI)      | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH16                          | (138)       |
| cFeon(Eon Si.Sol.) | EN25QH16 (ISP)                    | (138)       |
| cFeon(Eon Si.Sol.) | EN25QH16 [BGA24 6x8]              | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH16 [BGA24 6x8] (DualSPI)    | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH16 [SOP16]                  | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH16 [SOP16] (DualSPI)        | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH16 [SOP8]                   | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH16 [SOP8-150] (DualSPI)     | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH16 [SOP8-200] (DualSPI)     | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH16 [VDFN8 5x6]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH16 [VDFN8 5x6] (DualSPI)    | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH16A [SOP8-150]              | (3094) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH16A [SOP8-200]              | (3087) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH16A [VSOP8-150]             | (3094) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH256 (ISP)                   | (138)       |
| cFeon(Eon Si.Sol.) | EN25QH256 [BGA24 6x8]             | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH256 [BGA24 6x8] (QuadSPI)   | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH256 [SOP16]                 | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH256 [SOP16] (QuadSPI)       | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH256 [VDFN8 6x8]             | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH256 [VDFN8 6x8] (QuadSPI)   | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32                          | (138)       |
| cFeon(Eon Si.Sol.) | EN25QH32 (ISP)                    | (138)       |
| cFeon(Eon Si.Sol.) | EN25QH32 [SOP16]                  | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32 [SOP16] (DualSPI)        | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32 [SOP16] (QuadSPI)        | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32 [SOP8]                   | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32 [SOP8] (DualSPI)         | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32 [SOP8] (QuadSPI)         | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32 [TFBGA24 6x8] (DualSPI)  | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32 [VDFN8 5x6] (QuadSPI)    | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32 [VDFN8]                  | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32 [VDFN8] (DualSPI)        | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32A [SOP16]                 | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32A [SOP16] (DualSPI)       | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32A [SOP16] (QuadSPI)       | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32A [SOP8]                  | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32A [SOP8] (DualSPI)        | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32A [SOP8] (QuadSPI)        | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32A [VDFN8 5x6] (QuadSPI)   | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32A [VDFN8]                 | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH32A [VDFN8] (DualSPI)       | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64                          | (138)       |
| cFeon(Eon Si.Sol.) | EN25QH64 (ISP)                    | (138)       |
| cFeon(Eon Si.Sol.) | EN25QH64 [BGA24 6x8]              | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64 [BGA24 6x8] (DualSPI)    | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64 [SOP16]                  | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64 [SOP16] (DualSPI)        | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64 [SOP16] (QuadSPI)        | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64 [SOP8]                   | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64 [SOP8] (DualSPI)         | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64 [SOP8] (QuadSPI)         | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64 [TFBGA24 6x8] (QuadSPI)  | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64 [VDFN8 5x6] (DualSPI)    | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64 [VDFN8 5x6] (QuadSPI)    | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64 [VDFN8 6x8]              | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64 [VDFN8 6x8] (DualSPI)    | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64 [VDFN8 6x8] (QuadSPI)    | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64A                         | (138)       |
| cFeon(Eon Si.Sol.) | EN25QH64A (ISP)                   | (138)       |
| cFeon(Eon Si.Sol.) | EN25QH64A [BGA24 6x8]             | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64A [SOP16]                 | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64A [SOP16] (QuadSPI)       | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64A [SOP8]                  | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64A [SOP8] (QuadSPI)        | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64A [TFBGA24 6x8] (QuadSPI) | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64A [VDFN8 5x6]             | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64A [VDFN8 5x6] (QuadSPI)   | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25QH64A [VDFN8 5x6] (QuadSPI)   | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S10 (ISP)                     | (138)       |
| cFeon(Eon Si.Sol.) | EN25S10 [SOP8]                    | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S10 [USON8]                   | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25S10 [VDFN8]                   | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25S10A (ISP)                    | (138)       |
| cFeon(Eon Si.Sol.) | EN25S10A [SOP8]                   | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S10A [USON8]                  | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25S10A [VDFN8]                  | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25S16 (ISP)                     | (138)       |
| cFeon(Eon Si.Sol.) | EN25S16 [SOP8-150]                | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S16 [VDFN8]                   | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S16 [VSOP8]                   | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25S20 (ISP)                     | (138)       |
| cFeon(Eon Si.Sol.) | EN25S20 [SOP8-150]                | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S20 [SOP8-150] (DualSPI)      | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S20 [USON8]                   | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25S20 [VDFN8 2x3]               | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25S20 [VDFN8 5x6]               | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S20 [VDFN8 5x6] (DualSPI)     | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S20A (ISP)                    | (138)       |
| cFeon(Eon Si.Sol.) | EN25S20A [SOP8-150]               | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S20A [SOP8-150] (DualSPI)     | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S20A [USON8]                  | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25S20A [VDFN8 5x6]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S20A [VDFN8 5x6] (DualSPI)    | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S20A [VSOP8-150]              | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S20A [VSOP8-150] (DualSPI)    | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S32 (ISP)                     | (138)       |
| cFeon(Eon Si.Sol.) | EN25S32 [SOP16]                   | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25S32 [SOP8]                    | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25S32 [TFBGA24]                 | (1268) (*1) |
| cFeon(Eon Si.Sol.) | EN25S32 [VDFN8]                   | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S32 [VSOP8-200]               | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25S32T (ISP)                    | (138)       |
| cFeon(Eon Si.Sol.) | EN25S32T [SOP16]                  | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25S32T [SOP8]                   | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25S32T [VDFN8]                  | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40 [SOP8-150]                | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40 [SOP8-150] (DualSPI)      | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40 [USON8]                   | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40 [VDFN8 2x3]               | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40 [VDFN8 5x6]               | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40 [VDFN8 5x6] (DualSPI)     | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40A (ISP)                    | (138)       |
| cFeon(Eon Si.Sol.) | EN25S40A [SOP8-150]               | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40A [SOP8-150] (DualSPI)     | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40A [USON8]                  | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40A [VDFN8 5x6]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40A [VDFN8 5x6] (DualSPI)    | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40A [VSOP8-150]              | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40A [VSOP8-150] (DualSPI)    | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40T (ISP)                    | (138)       |
| cFeon(Eon Si.Sol.) | EN25S40T [SOP8-150]               | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40T [SOP8-200]               | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25S40T [VDFN8]                  | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S64 (ISP)                     | (138)       |
| cFeon(Eon Si.Sol.) | EN25S64 [SOP8] (DualSPI)          | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25S64 [VDFN8 6x8]               | (3053) (*1) |

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| cFeon(Eon Si.Sol.) | EN25S64 [VDFN8 6x8] (DualSPI) | (3053) (*1) |
| cFeon(Eon Si.Sol.) | EN25S64 [VSOP8]               | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25S64 [VSOP8] (DualSPI)     | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25S64A [SOP8]               | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25S64A [VSOP8]              | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25S80 [SOP8-150]            | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25S80 [SOP8-200]            | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25S80 [VDFN8]               | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25S80 [VSOP8-200]           | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25SA10 (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25SA10 [SOP8]               | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25SA10 [USON8]              | (3935) (*1) |
| cFeon(Eon Si.Sol.) | EN25SF80 [SOP8-150]           | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25SF80 [VDFN8]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25SF80 [VSOP8-150]          | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25SF80 [VSOP8-200]          | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25T16                       |             |
| cFeon(Eon Si.Sol.) | EN25T16 (ISP)                 | (138)       |
| cFeon(Eon Si.Sol.) | EN25T16 [SOP16]               | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25T16 [SOP8]                | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25T16 [VDFN8]               | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25T16A                      |             |
| cFeon(Eon Si.Sol.) | EN25T16A (ISP)                | (138)       |
| cFeon(Eon Si.Sol.) | EN25T16A [SOP16]              | (3101) (*1) |
| cFeon(Eon Si.Sol.) | EN25T16A [SOP8]               | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25T16A [VDFN8]              | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25T40                       |             |
| cFeon(Eon Si.Sol.) | EN25T40 (ISP)                 | (138)       |
| cFeon(Eon Si.Sol.) | EN25T40 [SOP8-150]            | (3095) (*1) |
| cFeon(Eon Si.Sol.) | EN25T40 [SOP8-200]            | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25T40 [VDFN8]               | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN25T80                       |             |
| cFeon(Eon Si.Sol.) | EN25T80 (ISP)                 | (138)       |
| cFeon(Eon Si.Sol.) | EN25T80 [SOP8-200]            | (3088) (*1) |
| cFeon(Eon Si.Sol.) | EN25T80 [VDFN8]               | (3097) (*1) |
| cFeon(Eon Si.Sol.) | EN29F080 [TSOP40]             | (1369)      |
| cFeon(Eon Si.Sol.) | EN29F800B [TSOP48]            | (1346)      |
| cFeon(Eon Si.Sol.) | EN29F800T [TSOP48]            | (1346)      |
| cFeon(Eon Si.Sol.) | EN29GA128H [FBGA64]           | (938)       |
| cFeon(Eon Si.Sol.) | EN29GA128L [FBGA64]           | (938)       |
| cFeon(Eon Si.Sol.) | EN29GA256L [FBGA64]           | (938)       |
| cFeon(Eon Si.Sol.) | EN29GL032 [TSOP48]            | (1346)      |
| cFeon(Eon Si.Sol.) | EN29GL064AB [TFBGA48]         | (859)       |
| cFeon(Eon Si.Sol.) | EN29GL064AB [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29GL064AT [TFBGA48]         | (859)       |
| cFeon(Eon Si.Sol.) | EN29GL064AT [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29GL064B [FBGA64]           | (938)       |
| cFeon(Eon Si.Sol.) | EN29GL064B [TFBGA48]          | (859)       |
| cFeon(Eon Si.Sol.) | EN29GL064B [TSOP48]           | (1346)      |
| cFeon(Eon Si.Sol.) | EN29GL064B [TSOP56]           | (3080)      |
| cFeon(Eon Si.Sol.) | EN29GL064H [FBGA64]           | (938)       |
| cFeon(Eon Si.Sol.) | EN29GL064H [TSOP48]           | (1346)      |
| cFeon(Eon Si.Sol.) | EN29GL064H [TSOP56]           | (3080)      |
| cFeon(Eon Si.Sol.) | EN29GL064L [FBGA64]           | (938)       |
| cFeon(Eon Si.Sol.) | EN29GL064L [TSOP48]           | (1346)      |
| cFeon(Eon Si.Sol.) | EN29GL064L [TSOP56]           | (3080)      |
| cFeon(Eon Si.Sol.) | EN29GL064T [FBGA64]           | (938)       |
| cFeon(Eon Si.Sol.) | EN29GL064T [TFBGA48]          | (859)       |
| cFeon(Eon Si.Sol.) | EN29GL064T [TSOP48]           | (1346)      |
| cFeon(Eon Si.Sol.) | EN29GL064T [TSOP56]           | (3080)      |
| cFeon(Eon Si.Sol.) | EN29GL128H [FBGA64]           | (938)       |
| cFeon(Eon Si.Sol.) | EN29GL128H [TSOP56]           | (3080)      |
| cFeon(Eon Si.Sol.) | EN29GL128L [FBGA64]           | (938)       |
| cFeon(Eon Si.Sol.) | EN29GL128L [TSOP56]           | (3080)      |
| cFeon(Eon Si.Sol.) | EN29GL256H [FBGA64]           | (938)       |
| cFeon(Eon Si.Sol.) | EN29GL256H [TSOP56]           | (3080)      |
| cFeon(Eon Si.Sol.) | EN29GL256L [FBGA64]           | (938)       |
| cFeon(Eon Si.Sol.) | EN29GL256L [TSOP56]           | (3080)      |
| cFeon(Eon Si.Sol.) | EN29LV160AB [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV160ABxxB [FBGA48 new]   | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV160ABxxB [FBGA48 old]   | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV160AT [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV160ATxxB [FBGA48 new]   | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV160ATxxB [FBGA48 old]   | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV160B [TSOP48]           | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV160BB [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV160BBxxB [FBGA48]       | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV160BT [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV160BTxxB [FBGA48]       | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV160BxxB [FBGA48 new]    | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV160BxxB [FBGA48 old]    | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV160CB [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV160CBxxB [FBGA48]       | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV160CT [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV160CTxxB [FBGA48]       | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV160JB [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV160JT [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV160T [TSOP48]           | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV160TxxB [FBGA48 new]    | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV160TxxB [FBGA48 old]    | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV320AB [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV320ABxxB [FBGA48]       | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV320AT [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV320ATxxB [FBGA48]       | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV320B [TSOP48]           | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV320BB [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV320BBxxB [FBGA48]       | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV320BT [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV320BTxxB [FBGA48]       | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV320BxxB [FBGA48 new]    | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV320BxxB [FBGA48 old]    | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV320CB [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV320CBxxB [FBGA48]       | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV320CT [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV320CTxxB [FBGA48]       | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV320T [TSOP48]           | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV320TxxB [FBGA48 new]    | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV320TxxB [FBGA48 old]    | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV400AB [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV400ABxxB [FBGA48 new]   | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV400ABxxB [FBGA48 old]   | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV400ABxxN [wFBGA48]      | (2389)      |
| cFeon(Eon Si.Sol.) | EN29LV400AT [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV400ATxxB [FBGA48 new]   | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV400ATxxB [FBGA48 old]   | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV400ATxxN [wFBGA48]      | (2389)      |
| cFeon(Eon Si.Sol.) | EN29LV400B [TSOP48]           | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV400BxxB [FBGA48 new]    | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV400BxxB [FBGA48 old]    | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV400JB [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV400JT [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV400T [TSOP48]           | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV400TxxB [FBGA48 new]    | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV400TxxB [FBGA48 old]    | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV640AB [TFBGA48]         | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV640AB [TSOP48]          | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV640AT [TFBGA48]         | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV640AT [TSOP48]          | (1346)      |

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| cFeon(Eon Si.Sol.) | EN29LV640B [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV640BxxB [TFBGA48]         | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV640H [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV640HxxB [TFBGA48]         | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV640L [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV640LxxB [TFBGA48]         | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV640T [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV640TxxB [TFBGA48]         | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV641H [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV641L [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV800AB [TSOP48]            | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV800ABxxB [FBGA48 new]     | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV800ABxxB [FBGA48 old]     | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV800AT [TSOP48]            | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV800ATxxB [FBGA48 new]     | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV800ATxxB [FBGA48 old]     | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV800B [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV800BB [TSOP48]            | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV800BBxxB [FBGA48 new]     | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV800BBxxB [FBGA48 old]     | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV800BT [TSOP48]            | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV800BTxxB [FBGA48 new]     | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV800BTxxB [FBGA48 old]     | (759)       |
| cFeon(Eon Si.Sol.) | EN29LV800CB [TFBGA48]           | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV800CB [TSOP48]            | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV800CT [TFBGA48]           | (859)       |
| cFeon(Eon Si.Sol.) | EN29LV800CT [TSOP48]            | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV800JB [TSOP48]            | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV800JT [TSOP48]            | (1346)      |
| cFeon(Eon Si.Sol.) | EN29LV800T [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29PL032 [TSOP48]              | (1346)      |
| cFeon(Eon Si.Sol.) | EN29PL032A [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29PL064 [TSOP48]              | (1346)      |
| cFeon(Eon Si.Sol.) | EN29SL160B [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29SL160BxxB [FBGA48]          | (859)       |
| cFeon(Eon Si.Sol.) | EN29SL160T [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29SL160TxxB [FBGA48]          | (859)       |
| cFeon(Eon Si.Sol.) | EN29SL400B [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29SL400BxxB [FBGA48]          | (859)       |
| cFeon(Eon Si.Sol.) | EN29SL400T [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29SL400TxxB [FBGA48]          | (859)       |
| cFeon(Eon Si.Sol.) | EN29SL800B [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29SL800BxxB [FBGA48]          | (859)       |
| cFeon(Eon Si.Sol.) | EN29SL800BxxK [WLGGA48]         | (1096)      |
| cFeon(Eon Si.Sol.) | EN29SL800BxxM [WFBGA48]         | (622)       |
| cFeon(Eon Si.Sol.) | EN29SL800T [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN29SL800TxxB [FBGA48]          | (859)       |
| cFeon(Eon Si.Sol.) | EN29SL800TxxK [WLGGA48]         | (1096)      |
| cFeon(Eon Si.Sol.) | EN29SL800TxxM [WFBGA48]         | (622)       |
| cFeon(Eon Si.Sol.) | EN39LV010 [PLCC32]              | (1399)      |
| cFeon(Eon Si.Sol.) | EN39LV010 [TSOP32]              | (1412)      |
| cFeon(Eon Si.Sol.) | EN39LV010 [WFBGA34]             | (846)       |
| cFeon(Eon Si.Sol.) | EN39SL160AH [TFBGA48]           | (859)       |
| cFeon(Eon Si.Sol.) | EN39SL160AH [WFBGA48]           | (848)       |
| cFeon(Eon Si.Sol.) | EN39SL160AL [TFBGA48]           | (859)       |
| cFeon(Eon Si.Sol.) | EN39SL160AL [WFBGA48]           | (848)       |
| cFeon(Eon Si.Sol.) | EN39SL160H [TFBGA48]            | (859)       |
| cFeon(Eon Si.Sol.) | EN39SL160H [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN39SL160H [WFBGA48]            | (848)       |
| cFeon(Eon Si.Sol.) | EN39SL160L [TFBGA48]            | (859)       |
| cFeon(Eon Si.Sol.) | EN39SL160L [TSOP48]             | (1346)      |
| cFeon(Eon Si.Sol.) | EN39SL160L [WFBGA48]            | (848)       |
| cFeon(Eon Si.Sol.) | EN39SL800 [TFBGA48]             | (859)       |
| cFeon(Eon Si.Sol.) | EN39SL800 [WFBGA48]             | (848)       |
| cFeon(Eon Si.Sol.) | EN39SL800 [WLGGA48]             | (1096)      |
| cFeon(Eon Si.Sol.) | EN39SL801 [TFBGA48]             | (859)       |
| cFeon(Eon Si.Sol.) | EN39SL801 [WFBGA48]             | (848)       |
| cFeon(Eon Si.Sol.) | EN71GL03280 [FBGA56]            | (570)       |
| cFeon(Eon Si.Sol.) | EN71GL032A0 [FBGA56]            | (570)       |
| cFeon(Eon Si.Sol.) | EN71GL06480 [FBGA56]            | (570)       |
| cFeon(Eon Si.Sol.) | EN71GL06482 [FBGA56]            | (2851)      |
| cFeon(Eon Si.Sol.) | EN71GL128B0 [FBGA56]            | (570)       |
| cFeon(Eon Si.Sol.) | EN71GL128B2 [FBGA56]            | (2851)      |
| cFeon(Eon Si.Sol.) | EN71NS03280 [BGA52]             | (2129)      |
| cFeon(Eon Si.Sol.) | EN71NS032A0 [BGA56]             | (1240)      |
| cFeon(Eon Si.Sol.) | EN71NS06480 [BGA56]             | (1240)      |
| cFeon(Eon Si.Sol.) | EN71NS128B0 [BGA56]             | (1240)      |
| cFeon(Eon Si.Sol.) | EN71NS128C0 [BGA56]             | (1240)      |
| cFeon(Eon Si.Sol.) | EN71PL03280 [FBGA56]            | (570)       |
| cFeon(Eon Si.Sol.) | EN71PL032A0 [FBGA56]            | (570)       |
| cFeon(Eon Si.Sol.) | EN71PL032A0A [FBGA56]           | (570)       |
| cFeon(Eon Si.Sol.) | EN71PL064A0xxC [FBGA56]         | (570)       |
| CHiL Semiconductor | CHL8112A (ISP)                  | (138)       |
| CHiL Semiconductor | CHL8112A [QFN40]                | (2324)      |
| CHiL Semiconductor | CHL8112B [QFN40]                | (2324)      |
| CHiL Semiconductor | CHL8266 [QFN48]                 | (2566)      |
| CHiL Semiconductor | CHL8325A [QFN40]                | (2324)      |
| CHiL Semiconductor | CHL8325B [QFN40]                | (2324)      |
| CHiL Semiconductor | CHL8326 [QFN48]                 | (2565)      |
| CHiL Semiconductor | CHL8328 [QFN56]                 | (2567)      |
| chingis            | Pm25LD010 (ISP)                 | (138)       |
| chingis            | Pm25LD010 [SOIC8]               | (3095) (*1) |
| chingis            | Pm25LD010 [SOIC8] (DualSPI)     | (3095) (*1) |
| chingis            | Pm25LD010 [TSSOP8]              | (1388)      |
| chingis            | Pm25LD010 [TSSOP8] (DualSPI)    | (1388)      |
| chingis            | Pm25LD010 [WSON8]               | (3097) (*1) |
| chingis            | Pm25LD010 [WSON8] (DualSPI)     | (3097) (*1) |
| chingis            | Pm25LD010C (ISP)                | (138)       |
| chingis            | Pm25LD010C [SOIC8]              | (3095) (*1) |
| chingis            | Pm25LD010C [SOIC8] (DualSPI)    | (3095) (*1) |
| chingis            | Pm25LD010C [TSSOP8]             | (1388)      |
| chingis            | Pm25LD010C [TSSOP8] (DualSPI)   | (1388)      |
| chingis            | Pm25LD010C [WSON8]              | (3097) (*1) |
| chingis            | Pm25LD010C [WSON8] (DualSPI)    | (3097) (*1) |
| chingis            | Pm25LD020 (ISP)                 | (138)       |
| chingis            | Pm25LD020 [SOIC8]               | (3095) (*1) |
| chingis            | Pm25LD020 [SOIC8] (DualSPI)     | (3095) (*1) |
| chingis            | Pm25LD020 [TSSOP8]              | (1388)      |
| chingis            | Pm25LD020 [TSSOP8] (DualSPI)    | (1388)      |
| chingis            | Pm25LD020 [WSON8]               | (3097) (*1) |
| chingis            | Pm25LD020 [WSON8] (DualSPI)     | (3097) (*1) |
| chingis            | Pm25LD020C (ISP)                | (138)       |
| chingis            | Pm25LD020C [SOIC8]              | (3095) (*1) |
| chingis            | Pm25LD020C [SOIC8] (DualSPI)    | (3095) (*1) |
| chingis            | Pm25LD020C [TSSOP8]             | (1388)      |
| chingis            | Pm25LD020C [TSSOP8] (DualSPI)   | (1388)      |
| chingis            | Pm25LD020C [WSON8]              | (3097) (*1) |
| chingis            | Pm25LD020C [WSON8] (DualSPI)    | (3097) (*1) |
| chingis            | Pm25LD040 (ISP)                 | (138)       |
| chingis            | Pm25LD040 [SOIC8-150]           | (3095) (*1) |
| chingis            | Pm25LD040 [SOIC8-150] (DualSPI) | (3095) (*1) |
| chingis            | Pm25LD040 [SOIC8-200]           | (3088) (*1) |
| chingis            | Pm25LD040 [SOIC8-200] (DualSPI) | (3088) (*1) |
| chingis            | Pm25LD040 [WSON8]               | (3097) (*1) |
| chingis            | Pm25LD040 [WSON8] (DualSPI)     | (3097) (*1) |
| chingis            | Pm25LD040C (ISP)                | (138)       |

|         |             |                        |             |
|---------|-------------|------------------------|-------------|
| chingis | Pm25LD040C  | [SOIC8-150]            | (3095) (*1) |
| chingis | Pm25LD040C  | [SOIC8-150] (DualSPI)  | (3095) (*1) |
| chingis | Pm25LD040C  | [SOIC8-200]            | (3088) (*1) |
| chingis | Pm25LD040C  | [SOIC8-200] (DualSPI)  | (3088) (*1) |
| chingis | Pm25LD040C  | [WSON8]                | (3097) (*1) |
| chingis | Pm25LD040C  | [WSON8] (DualSPI)      | (3097) (*1) |
| chingis | Pm25LD256C  | (ISP)                  | (138)       |
| chingis | Pm25LD256C  | [SOIC8]                | (3095) (*1) |
| chingis | Pm25LD256C  | [SOIC8] (DualSPI)      | (3095) (*1) |
| chingis | Pm25LD256C  | [TSSOP8]               | (1388)      |
| chingis | Pm25LD256C  | [TSSOP8] (DualSPI)     | (1388)      |
| chingis | Pm25LD512   | (ISP)                  | (138)       |
| chingis | Pm25LD512   | [SOIC8]                | (3095) (*1) |
| chingis | Pm25LD512   | [SOIC8] (DualSPI)      | (3095) (*1) |
| chingis | Pm25LD512   | [TSSOP8]               | (1388)      |
| chingis | Pm25LD512   | [TSSOP8] (DualSPI)     | (1388)      |
| chingis | Pm25LD512   | [WSON8]                | (3097) (*1) |
| chingis | Pm25LD512   | [WSON8] (DualSPI)      | (3097) (*1) |
| chingis | Pm25LD512C  | (ISP)                  | (138)       |
| chingis | Pm25LD512C  | [SOIC8]                | (3095) (*1) |
| chingis | Pm25LD512C  | [SOIC8] (DualSPI)      | (3095) (*1) |
| chingis | Pm25LD512C  | [TSSOP8]               | (1388)      |
| chingis | Pm25LD512C  | [TSSOP8] (DualSPI)     | (1388)      |
| chingis | Pm25LD512C  | [USON8]                | (3935) (*1) |
| chingis | Pm25LD512C  | [WSON8]                | (3097) (*1) |
| chingis | Pm25LD512C  | [WSON8] (DualSPI)      | (3097) (*1) |
| chingis | PM25LQ010B  | (ISP)                  | (138)       |
| chingis | PM25LQ010B  | [SOIC8-150]            | (3095) (*1) |
| chingis | PM25LQ010B  | [SOIC8-150] (Quad I/O) | (3095) (*1) |
| chingis | PM25LQ010B  | [TSSOP8]               | (1388)      |
| chingis | PM25LQ010B  | [TSSOP8] (Quad I/O)    | (1388)      |
| chingis | PM25LQ016C  | (ISP)                  | (138)       |
| chingis | PM25LQ016C  | [SOIC16]               | (3101) (*1) |
| chingis | PM25LQ016C  | [SOIC16] (QuadSPI)     | (3101) (*1) |
| chingis | PM25LQ016C  | [SOIC8-200]            | (3088) (*1) |
| chingis | PM25LQ016C  | [SOIC8-200] (QuadSPI)  | (3088) (*1) |
| chingis | PM25LQ016C  | [WSON8]                | (3097) (*1) |
| chingis | PM25LQ016C  | [WSON8] (QuadSPI)      | (3097) (*1) |
| chingis | PM25LQ020B  | (ISP)                  | (138)       |
| chingis | PM25LQ020B  | [SOIC8-150]            | (3095) (*1) |
| chingis | PM25LQ020B  | [SOIC8-150] (Quad I/O) | (3095) (*1) |
| chingis | PM25LQ020B  | [TSSOP8]               | (1388)      |
| chingis | PM25LQ020B  | [TSSOP8] (Quad I/O)    | (1388)      |
| chingis | PM25LQ032C  | (ISP)                  | (138)       |
| chingis | PM25LQ032C  | [SOIC16]               | (3101) (*1) |
| chingis | PM25LQ032C  | [SOIC16] (QuadSPI)     | (3101) (*1) |
| chingis | PM25LQ032C  | [SOIC8-200]            | (3088) (*1) |
| chingis | PM25LQ032C  | [SOIC8-200] (QuadSPI)  | (3088) (*1) |
| chingis | PM25LQ032C  | [WSON8]                | (3097) (*1) |
| chingis | PM25LQ032C  | [WSON8] (QuadSPI)      | (3097) (*1) |
| chingis | PM25LQ040   | (ISP)                  | (138)       |
| chingis | PM25LQ040   | [SOIC8-150]            | (3095) (*1) |
| chingis | PM25LQ040   | [SOIC8-200]            | (3088) (*1) |
| chingis | PM25LQ040   | [WSON8]                | (3097) (*1) |
| chingis | PM25LQ040B  | (ISP)                  | (138)       |
| chingis | PM25LQ040B  | [SOIC8-150]            | (3094) (*1) |
| chingis | PM25LQ040B  | [SOIC8-150] (Quad I/O) | (3094) (*1) |
| chingis | PM25LQ080C  | (ISP)                  | (138)       |
| chingis | PM25LQ080C  | [SOIC16]               | (3101) (*1) |
| chingis | PM25LQ080C  | [SOIC16] (QuadSPI)     | (3101) (*1) |
| chingis | PM25LQ080C  | [SOIC8-200]            | (3088) (*1) |
| chingis | PM25LQ080C  | [SOIC8-200] (QuadSPI)  | (3088) (*1) |
| chingis | PM25LQ080C  | [WSON8]                | (3097) (*1) |
| chingis | PM25LQ080C  | [WSON8] (QuadSPI)      | (3097) (*1) |
| chingis | PM25LQ512B  | (ISP)                  | (138)       |
| chingis | PM25LQ512B  | [SOIC8-150]            | (3094) (*1) |
| chingis | PM25LQ512B  | [SOIC8-150] (Quad I/O) | (3094) (*1) |
| chingis | PM25LQ512B  | [TSSOP8]               | (1388)      |
| chingis | PM25LQ512B  | [TSSOP8] (Quad I/O)    | (1388)      |
| chingis | Pm25LV010   | (ISP)                  | (138)       |
| chingis | Pm25LV010   | [SOIC8]                | (3095) (*1) |
| chingis | Pm25LV010   | [WSON8]                | (3097) (*1) |
| chingis | Pm25LV010A  | (ISP)                  | (138)       |
| chingis | Pm25LV010A  | [SOIC8]                | (3095) (*1) |
| chingis | Pm25LV010A  | [WSON8]                | (3097) (*1) |
| chingis | Pm25LV016B  | (ISP)                  | (138)       |
| chingis | Pm25LV016B  | [SOIC8-200]            | (3088) (*1) |
| chingis | Pm25LV016B  | [WSON8]                | (3097) (*1) |
| chingis | Pm25LV020   | (ISP)                  | (138)       |
| chingis | Pm25LV020   | [SOIC8]                | (3095) (*1) |
| chingis | Pm25LV020   | [WSON8]                | (3097) (*1) |
| chingis | Pm25LV040   | (ISP)                  | (138)       |
| chingis | Pm25LV040   | [SOIC8]                | (3095) (*1) |
| chingis | Pm25LV040   | [SOIC8-200]            | (3088) (*1) |
| chingis | Pm25LV040   | [WSON8]                | (3097) (*1) |
| chingis | Pm25LV080B  | (ISP)                  | (138)       |
| chingis | Pm25LV080B  | [SOIC8-200]            | (3088) (*1) |
| chingis | Pm25LV080B  | [WSON8]                | (3097) (*1) |
| chingis | Pm25LV512   | (ISP)                  | (138)       |
| chingis | Pm25LV512   | [SOIC8]                | (3095) (*1) |
| chingis | Pm25LV512   | [WSON8]                | (3097) (*1) |
| chingis | Pm25LV512A  | (ISP)                  | (138)       |
| chingis | Pm25LV512A  | [SOIC8]                | (3095) (*1) |
| chingis | Pm25LV512A  | [TSSOP8]               | (1388)      |
| chingis | Pm25LV512A  | [WSON8]                | (3097) (*1) |
| chingis | PM25Wd020   | (ISP)                  | (138)       |
| chingis | PM25Wd020   | [SOIC8]                | (3095) (*1) |
| chingis | PM25Wd020   | [WSON8]                | (3097) (*1) |
| chingis | PM25Wd040   | (ISP)                  | (138)       |
| chingis | PM25Wd040   | [SOIC8-150]            | (3095) (*1) |
| chingis | PM25Wd040   | [SOIC8-200]            | (3088) (*1) |
| chingis | PM25Wd040   | [WSON8]                | (3097) (*1) |
| chingis | Pm29F002B   |                        | (1399)      |
| chingis | Pm29F002B   | [PLCC32]               | (1399)      |
| chingis | Pm29F002T   |                        | (1399)      |
| chingis | Pm29F002T   | [PLCC32]               | (1399)      |
| chingis | Pm29F004B   |                        | (1384)      |
| chingis | Pm29F004B   | [PLCC32]               | (1384)      |
| chingis | Pm29F004B   | [TSOP32]               | (1381)      |
| chingis | Pm29F004T   |                        | (1384)      |
| chingis | Pm29F004T   | [PLCC32]               | (1381)      |
| chingis | Pm29F004T   | [TSOP32]               | (1381)      |
| chingis | Pm29LV104RB | [PLCC32]               | (1384)      |
| chingis | Pm29LV104RB | [TSOP32]               | (1381)      |
| chingis | Pm29LV104RT | [PLCC32]               | (1384)      |
| chingis | Pm29LV104RT | [TSOP32]               | (1381)      |
| chingis | Pm37LV512   |                        | (1399)      |
| chingis | Pm37LV512   | [PLCC32]               | (56)        |
| chingis | Pm37LV512   | [TSOP32]               | (56)        |
| chingis | Pm39F010    |                        | (1399)      |
| chingis | Pm39F010    | [PLCC32]               | (1399)      |

|          |                           |        |
|----------|---------------------------|--------|
| Chingis  | Pm39F020                  |        |
| Chingis  | Pm39F020 [PLCC32]         | (1399) |
| Chingis  | Pm39F040                  |        |
| Chingis  | Pm39F040 [PLCC32]         | (1384) |
| Chingis  | Pm39LV010 [PLCC32]        | (1399) |
| Chingis  | Pm39LV010 [TSOP32]        | (1412) |
| Chingis  | Pm39LV010R [PLCC32]       | (1399) |
| Chingis  | Pm39LV010R [TSOP32]       | (1412) |
| Chingis  | Pm39LV020 [PLCC32]        | (1399) |
| Chingis  | Pm39LV020 [TSOP32]        | (1412) |
| Chingis  | Pm39LV040 [PLCC32]        | (1384) |
| Chingis  | Pm39LV040 [TSOP32]        | (1377) |
| Chingis  | Pm39LV512 [PLCC32]        | (1399) |
| Chingis  | Pm39LV512 [TSOP32]        | (1412) |
| Chingis  | Pm39LV512R [PLCC32]       | (1399) |
| Chingis  | Pm39LV512R [TSOP32]       | (1412) |
| Chingis  | Pm49FL002T [PLCC32]       | (1399) |
| Chingis  | Pm49FL002T [TSOP32]       | (1412) |
| Chingis  | Pm49FL004T [PLCC32]       | (1384) |
| Chingis  | Pm49FL004T [TSOP32]       | (1376) |
| Chingis  | Pm49FL008T [PLCC32]       | (1384) |
| Chingis  | Pm49FL008T [TSOP32]       | (1376) |
| Chingis  | Pm49LP002T [PLCC32]       | (1399) |
| chipcon  | CC1010 (ISP)              | (138)  |
| chipcon  | CC1010 [TQFP64]           | (507)  |
| chipcon  | CC1110 (ISP)              | (138)  |
| chipcon  | CC1110 [QLP36]            | (838)  |
| chipcon  | CC1110F16 (ISP)           | (138)  |
| chipcon  | CC1110-F16 (ISP)          | (138)  |
| chipcon  | CC1110F16 [QLP36]         | (838)  |
| chipcon  | CC1110-F16 [QLP36]        | (838)  |
| chipcon  | CC1110F32 (ISP)           | (138)  |
| chipcon  | CC1110-F32 (ISP)          | (138)  |
| chipcon  | CC1110F32 [QLP36]         | (838)  |
| chipcon  | CC1110-F32 [QLP36]        | (838)  |
| chipcon  | CC1110F8 (ISP)            | (138)  |
| chipcon  | CC1110-F8 (ISP)           | (138)  |
| chipcon  | CC1110F8 [QLP36]          | (838)  |
| chipcon  | CC1110-F8 [QLP36]         | (838)  |
| chipcon  | CC1111F16 (ISP)           | (138)  |
| chipcon  | CC1111-F16 (ISP)          | (138)  |
| chipcon  | CC1111F16 [QLP36]         | (838)  |
| chipcon  | CC1111-F16 [QLP36]        | (838)  |
| chipcon  | CC1111F32 (ISP)           | (138)  |
| chipcon  | CC1111-F32 (ISP)          | (138)  |
| chipcon  | CC1111F32 [QLP36]         | (838)  |
| chipcon  | CC1111-F32 [QLP36]        | (838)  |
| chipcon  | CC1111F8 (ISP)            | (138)  |
| chipcon  | CC1111-F8 (ISP)           | (138)  |
| chipcon  | CC1111F8 [QLP36]          | (838)  |
| chipcon  | CC1111-F8 [QLP36]         | (838)  |
| chipcon  | CC2430 (ISP)              | (138)  |
| chipcon  | CC2430 [QLP48]            | (837)  |
| chipcon  | CC2430F128 (ISP)          | (138)  |
| chipcon  | CC2430-F128 (ISP)         | (138)  |
| chipcon  | CC2430F128 [QLP48]        | (837)  |
| chipcon  | CC2430-F128 [QLP48]       | (837)  |
| chipcon  | CC2430F32 (ISP)           | (138)  |
| chipcon  | CC2430-F32 (ISP)          | (138)  |
| chipcon  | CC2430F32 [QLP48]         | (837)  |
| chipcon  | CC2430-F32 [QLP48]        | (837)  |
| chipcon  | CC2430F64 (ISP)           | (138)  |
| chipcon  | CC2430-F64 (ISP)          | (138)  |
| chipcon  | CC2430F64 [QLP48]         | (837)  |
| chipcon  | CC2430-F64 [QLP48]        | (837)  |
| chipcon  | CC2431 (ISP)              | (138)  |
| chipcon  | CC2431 [QLP48]            | (837)  |
| chipcon  | CC2510 (ISP)              | (138)  |
| chipcon  | CC2510 [QLP36]            | (838)  |
| chipcon  | CC2510F16 (ISP)           | (138)  |
| chipcon  | CC2510-F16 (ISP)          | (138)  |
| chipcon  | CC2510F16 [QLP36]         | (838)  |
| chipcon  | CC2510-F16 [QLP36]        | (838)  |
| chipcon  | CC2510F32 (ISP)           | (138)  |
| chipcon  | CC2510-F32 (ISP)          | (138)  |
| chipcon  | CC2510F32 [QLP36]         | (838)  |
| chipcon  | CC2510-F32 [QLP36]        | (838)  |
| chipcon  | CC2510F8 (ISP)            | (138)  |
| chipcon  | CC2510-F8 (ISP)           | (138)  |
| chipcon  | CC2510F8 [QLP36]          | (838)  |
| chipcon  | CC2510-F8 [QLP36]         | (838)  |
| chipcon  | CC2511F16 (ISP)           | (138)  |
| chipcon  | CC2511-F16 (ISP)          | (138)  |
| chipcon  | CC2511F16 [QLP36]         | (838)  |
| chipcon  | CC2511-F16 [QLP36]        | (838)  |
| chipcon  | CC2511F32 (ISP)           | (138)  |
| chipcon  | CC2511-F32 (ISP)          | (138)  |
| chipcon  | CC2511F32 [QLP36]         | (838)  |
| chipcon  | CC2511-F32 [QLP36]        | (838)  |
| chipcon  | CC2511F8 (ISP)            | (138)  |
| chipcon  | CC2511-F8 (ISP)           | (138)  |
| chipcon  | CC2511F8 [QLP36]          | (838)  |
| chipcon  | CC2511-F8 [QLP36]         | (838)  |
| chipcon  | CC2530F128 (ISP)          | (138)  |
| chipcon  | CC2530-F128 (ISP)         | (138)  |
| chipcon  | CC2530F128 [QFN40]        | (1277) |
| chipcon  | CC2530-F128 [QFN40]       | (1277) |
| chipcon  | CC2530F256 (ISP)          | (138)  |
| chipcon  | CC2530-F256 (ISP)         | (138)  |
| chipcon  | CC2530F256 [QFN40]        | (1277) |
| chipcon  | CC2530-F256 [QFN40]       | (1277) |
| chipcon  | CC2530F32 (ISP)           | (138)  |
| chipcon  | CC2530-F32 (ISP)          | (138)  |
| chipcon  | CC2530F32 [QFN40]         | (1277) |
| chipcon  | CC2530-F32 [QFN40]        | (1277) |
| chipcon  | CC2530F64 (ISP)           | (138)  |
| chipcon  | CC2530-F64 (ISP)          | (138)  |
| chipcon  | CC2530F64 [QFN40]         | (1277) |
| chipcon  | CC2530-F64 [QFN40]        | (1277) |
| chipcon  | CC2531F128 (ISP)          | (138)  |
| chipcon  | CC2531-F128 (ISP)         | (138)  |
| chipcon  | CC2531F128 [QFN40]        | (1277) |
| chipcon  | CC2531-F128 [QFN40]       | (1277) |
| chipcon  | CC2531F256 (ISP)          | (138)  |
| chipcon  | CC2531-F256 (ISP)         | (138)  |
| chipcon  | CC2531F256 [QFN40]        | (1277) |
| chipcon  | CC2531-F256 [QFN40]       | (1277) |
| chipcon  | CC2531F32 (ISP)           | (138)  |
| chipcon  | CC2531-F32 (ISP)          | (138)  |
| chipcon  | CC2531F32 [QFN40]         | (1277) |
| chipcon  | CC2531-F32 [QFN40]        | (1277) |
| chipcon  | CC2531F64 (ISP)           | (138)  |
| chipcon  | CC2531-F64 (ISP)          | (138)  |
| chipcon  | CC2531F64 [QFN40]         | (1277) |
| chipcon  | CC2531-F64 [QFN40]        | (1277) |
| chipspip | CT49248DD486C1 [TFBGA119] | (3411) |
| chipspip | CT49488DD486C1 [TFBGA119] | (3411) |
| chipspip | CT49488DD966C1 [TFBGA119] | (3411) |



|                   |                           |        |
|-------------------|---------------------------|--------|
| chipsip           | M71PL128B0BGx0C [TFBGA56] | (2851) |
| Chipswinner       | CW24C02                   |        |
| Chipswinner       | CW24C02 (ISP)             | (138)  |
| Chipswinner       | CW24C02 [DFN8]            | (2995) |
| Chipswinner       | CW24C02 [SOP8]            | (950)  |
| Chipswinner       | CW24C02 [TSSOP8]          | (121)  |
| Chipswinner       | CW24C02B                  |        |
| Chipswinner       | CW24C02B (ISP)            | (138)  |
| Chipswinner       | CW24C02B [DFN8]           | (2995) |
| Chipswinner       | CW24C02B [SOP8]           | (950)  |
| Chipswinner       | CW24C02B [SOT23-5]        | (523)  |
| Chipswinner       | CW24C02B [TSOT23-5]       | (523)  |
| Chipswinner       | CW24C02B [TSSOP8]         | (121)  |
| Chipswinner       | CW24C02C                  |        |
| Chipswinner       | CW24C02C (ISP)            | (138)  |
| Chipswinner       | CW24C02C [DFN8]           | (2995) |
| Chipswinner       | CW24C02C [SOP8]           | (950)  |
| Chipswinner       | CW24C02C [TSSOP8]         | (121)  |
| Chipswinner       | CW24C04                   |        |
| Chipswinner       | CW24C04 (ISP)             | (138)  |
| Chipswinner       | CW24C04 [DFN8]            | (2995) |
| Chipswinner       | CW24C04 [SOP8]            | (950)  |
| Chipswinner       | CW24C04 [TSSOP8]          | (121)  |
| Chipswinner       | CW24C04A                  |        |
| Chipswinner       | CW24C04A (ISP)            | (138)  |
| Chipswinner       | CW24C04A [DFN8]           | (2995) |
| Chipswinner       | CW24C04A [SOP8]           | (950)  |
| Chipswinner       | CW24C04A [TSSOP8]         | (121)  |
| Chipswinner       | CW24C08                   |        |
| Chipswinner       | CW24C08 (ISP)             | (138)  |
| Chipswinner       | CW24C08 [DFN8]            | (2995) |
| Chipswinner       | CW24C08 [SOP8]            | (950)  |
| Chipswinner       | CW24C08 [TSSOP8]          | (121)  |
| Chipswinner       | CW24C08B                  |        |
| Chipswinner       | CW24C08B (ISP)            | (138)  |
| Chipswinner       | CW24C08B [DFN8]           | (2995) |
| Chipswinner       | CW24C08B [SOP8]           | (950)  |
| Chipswinner       | CW24C08B [TSSOP8]         | (121)  |
| Chipswinner       | CW24C08C                  |        |
| Chipswinner       | CW24C08C (ISP)            | (138)  |
| Chipswinner       | CW24C08C [DFN8]           | (2995) |
| Chipswinner       | CW24C08C [SOP8]           | (950)  |
| Chipswinner       | CW24C08C [TSSOP8]         | (121)  |
| Chipswinner       | CW24C128                  |        |
| Chipswinner       | CW24C128 (ISP)            | (138)  |
| Chipswinner       | CW24C128 [SOP8]           | (950)  |
| Chipswinner       | CW24C16                   |        |
| Chipswinner       | CW24C16 (ISP)             | (138)  |
| Chipswinner       | CW24C16 [DFN8]            | (2995) |
| Chipswinner       | CW24C16 [SOP8]            | (950)  |
| Chipswinner       | CW24C16 [TSSOP8]          | (121)  |
| Chipswinner       | CW24C16A                  |        |
| Chipswinner       | CW24C16A (ISP)            | (138)  |
| Chipswinner       | CW24C16A [DFN8]           | (2995) |
| Chipswinner       | CW24C16A [SOP8]           | (950)  |
| Chipswinner       | CW24C16A [TSSOP8]         | (121)  |
| Chipswinner       | CW24C256                  |        |
| Chipswinner       | CW24C256 (ISP)            | (138)  |
| Chipswinner       | CW24C256 [SOP8]           | (950)  |
| Chipswinner       | CW24C32                   |        |
| Chipswinner       | CW24C32 (ISP)             | (138)  |
| Chipswinner       | CW24C32 [DFN8]            | (2995) |
| Chipswinner       | CW24C32 [SOP8]            | (950)  |
| Chipswinner       | CW24C32 [TSSOP8]          | (121)  |
| Chipswinner       | CW24C64                   |        |
| Chipswinner       | CW24C64 (ISP)             | (138)  |
| Chipswinner       | CW24C64 [DFN8]            | (2995) |
| Chipswinner       | CW24C64 [SOP8]            | (950)  |
| Chipswinner       | CW24C64 [TSSOP8]          | (121)  |
| chrontel          | CH9904 [SOP8]             | (950)  |
| CKD Technology    | CKD24A02                  |        |
| CKD Technology    | CKD24A02 (ISP)            | (138)  |
| CKD Technology    | CKD24A02 [SOP8]           | (950)  |
| Convenient Power. | EC8010 [QFN48]            | (4811) |
| Copal Electronics | DP7132 [MSOP10]           | (984)  |
| Copal Electronics | DP7221 [SOIC20]           | (119)  |
| Copal Electronics | DP7221 [TSSOP20]          | (1089) |
| Copal Electronics | DP7241 [SOIC20]           | (119)  |
| Copal Electronics | DP7241 [TSSOP20]          | (1089) |
| Copal Electronics | DP7259 [SOIC24]           | (1062) |
| Copal Electronics | DP7259 [TSSOP24]          | (1090) |
| Copal Electronics | DP7269 [SOIC24]           | (1062) |
| Copal Electronics | DP7269 [TSSOP24]          | (1090) |
| Copal Electronics | DP7409 [SOIC24]           | (1062) |
| Copal Electronics | DP7409 [TSSOP24]          | (1090) |
| Copal Electronics | DP7419 [SOIC24]           | (1062) |
| Copal Electronics | DP7419 [TSSOP24]          | (1090) |
| Coreriver         | CR24C01                   |        |
| Coreriver         | CR24C01 (ISP)             | (138)  |
| Coreriver         | CR24C01 [SOIC8]           | (950)  |
| Coreriver         | CR24C01 [TDFN8]           | (2995) |
| Coreriver         | CR24C01 [TSOT23-5]        | (523)  |
| Coreriver         | CR24C01 [TSSOP8]          | (121)  |
| Coreriver         | CR24C02                   |        |
| Coreriver         | CR24C02 (ISP)             | (138)  |
| Coreriver         | CR24C02 [SOIC8]           | (950)  |
| Coreriver         | CR24C02 [TDFN8]           | (2995) |
| Coreriver         | CR24C02 [TSOT23-5]        | (523)  |
| Coreriver         | CR24C02 [TSSOP8]          | (121)  |
| Coreriver         | CR24C04                   |        |
| Coreriver         | CR24C04 (ISP)             | (138)  |
| Coreriver         | CR24C04 [SOIC8]           | (950)  |
| Coreriver         | CR24C04 [TDFN8]           | (2995) |
| Coreriver         | CR24C04 [TSOT23-5]        | (523)  |
| Coreriver         | CR24C04 [TSSOP8]          | (121)  |
| Coreriver         | CR24C08                   |        |
| Coreriver         | CR24C08 (ISP)             | (138)  |
| Coreriver         | CR24C08 [SOIC8]           | (950)  |
| Coreriver         | CR24C08 [TDFN8]           | (2995) |
| Coreriver         | CR24C08 [TSOT23-5]        | (523)  |
| Coreriver         | CR24C08 [TSSOP8]          | (121)  |
| Coreriver         | CR24C128                  |        |
| Coreriver         | CR24C128 (ISP)            | (138)  |
| Coreriver         | CR24C128 [SOIC8]          | (950)  |
| Coreriver         | CR24C128 [TSSOP8]         | (121)  |
| Coreriver         | CR24C16                   |        |
| Coreriver         | CR24C16 (ISP)             | (138)  |
| Coreriver         | CR24C16 [SOIC8]           | (950)  |
| Coreriver         | CR24C16 [TDFN8]           | (2995) |
| Coreriver         | CR24C16 [TSOT23-5]        | (523)  |
| Coreriver         | CR24C16 [TSSOP8]          | (121)  |
| Coreriver         | CR24C256                  |        |
| Coreriver         | CR24C256 (ISP)            | (138)  |
| Coreriver         | CR24C256 [SOIC8]          | (950)  |
| Coreriver         | CR24C32                   |        |
| Coreriver         | CR24C32 (ISP)             | (138)  |
| Coreriver         | CR24C32 [SOIC8]           | (950)  |
| Coreriver         | CR24C32 [TSSOP8]          | (121)  |

|           |            |                   |        |
|-----------|------------|-------------------|--------|
| Coreriver | CR24C64    |                   |        |
| Coreriver | CR24C64    | (ISP)             | (138)  |
| Coreriver | CR24C64    | [SOIC8]           | (950)  |
| Coreriver | CR24C64    | [TSSOP8]          | (121)  |
| Coreriver | CR93C46    | (x16)             |        |
| Coreriver | CR93C46    | (x16) (ISP)       | (138)  |
| Coreriver | CR93C46    | (x16) [SOIC8]     | (950)  |
| Coreriver | CR93C46    | (x16) [TDFN8]     | (2995) |
| Coreriver | CR93C46    | (x16) [TSSOP8]    | (121)  |
| Coreriver | CR93C46    | (x8)              |        |
| Coreriver | CR93C46    | (x8) (ISP)        | (138)  |
| Coreriver | CR93C46    | (x8) [SOIC8]      | (950)  |
| Coreriver | CR93C46    | (x8) [TDFN8]      | (2995) |
| Coreriver | CR93C46    | (x8) [TSSOP8]     | (121)  |
| Coreriver | CR93C46w   | (x16) [SOIC8]     | (950)  |
| Coreriver | CR93C46w   | (x8) [SOIC8]      | (950)  |
| Coreriver | GC49C501G0 | [SOIC20 (JEDEC)]  | (119)  |
| Coreriver | GC49C501G0 | [SOIC20 (Narrow)] | (1055) |
| Coreriver | GC49C501G0 | [SOIC24]          | (1062) |
| Coreriver | GC49C501G0 | [SOIC8]           | (950)  |
| Coreriver | GC49C501G0 | [SPDIP8]          |        |
| Coreriver | GC87C510A0 | [SOIC14]          | (951)  |
| Coreriver | GC87C510A0 | [SOIC16]          | (44)   |
| Coreriver | GC87C510A0 | [SOIC20]          | (119)  |
| Coreriver | GC87C510A0 | [SOIC8]           | (950)  |
| Coreriver | GC87C510A0 | [SPDIP14]         |        |
| Coreriver | GC87C510A0 | [SPDIP16]         |        |
| Coreriver | GC87C510A0 | [SPDIP20]         |        |
| Coreriver | GC87C510A0 | [SPDIP8]          |        |
| Coreriver | GC87C510A0 | [TSSOP16]         | (1088) |
| Coreriver | GC87C510A1 | [SOIC8]           | (950)  |
| Coreriver | GC87C510A1 | [SPDIP8]          |        |
| Coreriver | GC87C520A0 |                   |        |
| Coreriver | GC87C520A0 | [LQFP44]          | (94)   |
| Coreriver | GC87C520A0 | [PLCC44]          | (67)   |
| Coreriver | GC87C520G0 |                   |        |
| Coreriver | GC87C520G0 | [LQFP44]          | (94)   |
| Coreriver | GC87C520G0 | [PLCC44]          | (67)   |
| Coreriver | GC89C541A0 |                   |        |
| Coreriver | GC89C541A0 | [LQFP64]          | (597)  |
| Coreriver | GC89C541A0 | [MQFP44]          | (108)  |
| Coreriver | GC89C541A0 | [PLCC44]          | (67)   |
| Coreriver | GC89C541A0 | [PQFP44]          | (106)  |
| Coreriver | GC89C541A0 | [SDIP64]          | (600)  |
| Coreriver | GC89C541A0 | [TQFP100]         | (599)  |
| Coreriver | GC89C541A0 | [TQFP44]          | (94)   |
| Coreriver | GC89C541A0 | [TQFP64]          | (597)  |
| Coreriver | GC89C541A0 | [TQFP80]          | (598)  |
| Coreriver | GC89C541G0 |                   |        |
| Coreriver | GC89C541G0 | [LQFP64]          | (597)  |
| Coreriver | GC89C541G0 | [MQFP44]          | (108)  |
| Coreriver | GC89C541G0 | [PLCC44]          | (67)   |
| Coreriver | GC89C541G0 | [PQFP44]          | (106)  |
| Coreriver | GC89C541G0 | [SDIP64]          | (600)  |
| Coreriver | GC89C541G0 | [TQFP100]         | (599)  |
| Coreriver | GC89C541G0 | [TQFP44]          | (94)   |
| Coreriver | GC89C541G0 | [TQFP64]          | (597)  |
| Coreriver | GC89C541G0 | [TQFP80]          | (598)  |
| Coreriver | GC89C581A0 |                   |        |
| Coreriver | GC89C581A0 | [LQFP64]          | (597)  |
| Coreriver | GC89C581A0 | [MQFP44]          | (108)  |
| Coreriver | GC89C581A0 | [PLCC44]          | (67)   |
| Coreriver | GC89C581A0 | [PQFP44]          | (106)  |
| Coreriver | GC89C581A0 | [SDIP64]          | (600)  |
| Coreriver | GC89C581A0 | [TQFP100]         | (599)  |
| Coreriver | GC89C581A0 | [TQFP44]          | (94)   |
| Coreriver | GC89C581A0 | [TQFP64]          | (597)  |
| Coreriver | GC89C581A0 | [TQFP80]          | (598)  |
| Coreriver | GC89C581G0 |                   |        |
| Coreriver | GC89C581G0 | [LQFP64]          | (597)  |
| Coreriver | GC89C581G0 | [MQFP44]          | (108)  |
| Coreriver | GC89C581G0 | [PLCC44]          | (67)   |
| Coreriver | GC89C581G0 | [PQFP44]          | (106)  |
| Coreriver | GC89C581G0 | [SDIP64]          | (600)  |
| Coreriver | GC89C581G0 | [TQFP100]         | (599)  |
| Coreriver | GC89C581G0 | [TQFP44]          | (94)   |
| Coreriver | GC89C581G0 | [TQFP64]          | (597)  |
| Coreriver | GC89C581G0 | [TQFP80]          | (598)  |
| Coreriver | GC89C591A0 |                   |        |
| Coreriver | GC89C591A0 | [LQFP64]          | (597)  |
| Coreriver | GC89C591A0 | [MQFP44]          | (108)  |
| Coreriver | GC89C591A0 | [PLCC44]          | (67)   |
| Coreriver | GC89C591A0 | [PQFP44]          | (106)  |
| Coreriver | GC89C591A0 | [SDIP64]          | (600)  |
| Coreriver | GC89C591A0 | [TQFP100]         | (599)  |
| Coreriver | GC89C591A0 | [TQFP44]          | (94)   |
| Coreriver | GC89C591A0 | [TQFP64]          | (597)  |
| Coreriver | GC89C591A0 | [TQFP80]          | (598)  |
| Coreriver | GC89C591G0 |                   |        |
| Coreriver | GC89C591G0 | [LQFP64]          | (597)  |
| Coreriver | GC89C591G0 | [MQFP44]          | (108)  |
| Coreriver | GC89C591G0 | [PLCC44]          | (67)   |
| Coreriver | GC89C591G0 | [PQFP44]          | (106)  |
| Coreriver | GC89C591G0 | [SDIP64]          | (600)  |
| Coreriver | GC89C591G0 | [TQFP100]         | (599)  |
| Coreriver | GC89C591G0 | [TQFP44]          | (94)   |
| Coreriver | GC89C591G0 | [TQFP64]          | (597)  |
| Coreriver | GC89C591G0 | [TQFP80]          | (598)  |
| Coreriver | GC89L541A0 | [LQFP44]          | (94)   |
| Coreriver | GC89L541A0 | [MLF32]           | (221)  |
| Coreriver | GC89L541A0 | [MQFP44]          | (108)  |
| Coreriver | GC89L541A0 | [PQFP44]          | (106)  |
| Coreriver | GC89L541A0 | [QFN32]           | (221)  |
| Coreriver | GC89L541A0 | [QFP44]           | (108)  |
| Coreriver | GC89L581A0 | [LQFP44]          | (94)   |
| Coreriver | GC89L581A0 | [MLF32]           | (221)  |
| Coreriver | GC89L581A0 | [MQFP44]          | (108)  |
| Coreriver | GC89L581A0 | [PQFP44]          | (106)  |
| Coreriver | GC89L581A0 | [QFN32]           | (221)  |
| Coreriver | GC89L581A0 | [QFP44]           | (108)  |
| Coreriver | GC89L591A0 | [LQFP44]          | (94)   |
| Coreriver | GC89L591A0 | [MLF32]           | (221)  |
| Coreriver | GC89L591A0 | [MQFP44]          | (108)  |
| Coreriver | GC89L591A0 | [PQFP44]          | (106)  |
| Coreriver | GC89L591A0 | [QFN32]           | (221)  |
| Coreriver | GC89L591A0 | [QFP44]           | (108)  |
| CSS       | CSS555C-ID |                   |        |
| CSS       | CSS555C-IS | [SOIC8-150]       | (950)  |
| cygna1    | C8051F000  | (ISP)             | (138)  |
| cygna1    | C8051F000  | [TQFP64]          | (572)  |
| cygna1    | C8051F001  | (ISP)             | (138)  |
| cygna1    | C8051F001  | [TQFP48]          | (174)  |
| cygna1    | C8051F002  | (ISP)             | (138)  |
| cygna1    | C8051F002  | [LQFP32]          | (159)  |
| cygna1    | C8051F005  | (ISP)             | (138)  |
| cygna1    | C8051F005  | [TQFP64]          | (572)  |
| cygna1    | C8051F006  | (ISP)             | (138)  |
| cygna1    | C8051F006  | [TQFP48]          | (174)  |

|         |               |           |        |
|---------|---------------|-----------|--------|
| Cygnal  | C8051F007     | (ISP)     | (138)  |
| Cygnal  | C8051F007     | [LQFP32]  | (159)  |
| Cygnal  | C8051F010     | (ISP)     | (138)  |
| Cygnal  | C8051F010     | [TQFP64]  | (572)  |
| Cygnal  | C8051F011     | (ISP)     | (138)  |
| Cygnal  | C8051F011     | [TQFP48]  | (174)  |
| Cygnal  | C8051F012     | (ISP)     | (138)  |
| Cygnal  | C8051F012     | [LQFP32]  | (159)  |
| Cygnal  | C8051F015     | (ISP)     | (138)  |
| Cygnal  | C8051F015     | [TQFP64]  | (572)  |
| Cygnal  | C8051F016     | (ISP)     | (138)  |
| Cygnal  | C8051F016     | [TQFP48]  | (174)  |
| Cygnal  | C8051F017     | (ISP)     | (138)  |
| Cygnal  | C8051F017     | [LQFP32]  | (159)  |
| Cygnal  | C8051F018     | (ISP)     | (138)  |
| Cygnal  | C8051F018     | [TQFP64]  | (572)  |
| Cygnal  | C8051F019     | (ISP)     | (138)  |
| Cygnal  | C8051F019     | [TQFP48]  | (174)  |
| Cygnal  | C8051F020     | (ISP)     | (138)  |
| Cygnal  | C8051F020     | [TQFP100] | (573)  |
| Cygnal  | C8051F021     | (ISP)     | (138)  |
| Cygnal  | C8051F021     | [TQFP64]  | (572)  |
| Cygnal  | C8051F022     | (ISP)     | (138)  |
| Cygnal  | C8051F022     | [TQFP100] | (573)  |
| Cygnal  | C8051F023     | (ISP)     | (138)  |
| Cygnal  | C8051F023     | [TQFP64]  | (572)  |
| Cygnal  | C8051F040     | (ISP)     | (138)  |
| Cygnal  | C8051F040     | [TQFP100] | (573)  |
| Cygnal  | C8051F041     | (ISP)     | (138)  |
| Cygnal  | C8051F041     | [TQFP64]  | (572)  |
| Cygnal  | C8051F042     | (ISP)     | (138)  |
| Cygnal  | C8051F042     | [TQFP100] | (573)  |
| Cygnal  | C8051F043     | (ISP)     | (138)  |
| Cygnal  | C8051F043     | [TQFP64]  | (572)  |
| Cygnal  | C8051F060     | (ISP)     | (138)  |
| Cygnal  | C8051F060     | [TQFP100] | (573)  |
| Cygnal  | C8051F061     | (ISP)     | (138)  |
| Cygnal  | C8051F061     | [TQFP64]  | (572)  |
| Cygnal  | C8051F062     | (ISP)     | (138)  |
| Cygnal  | C8051F062     | [TQFP100] | (573)  |
| Cygnal  | C8051F063     | (ISP)     | (138)  |
| Cygnal  | C8051F063     | [TQFP64]  | (572)  |
| Cygnal  | C8051F064     | (ISP)     | (138)  |
| Cygnal  | C8051F064     | [TQFP100] | (573)  |
| Cygnal  | C8051F065     | (ISP)     | (138)  |
| Cygnal  | C8051F065     | [TQFP64]  | (572)  |
| Cygnal  | C8051F066     | (ISP)     | (138)  |
| Cygnal  | C8051F066     | [TQFP100] | (573)  |
| Cygnal  | C8051F067     | (ISP)     | (138)  |
| Cygnal  | C8051F067     | [TQFP64]  | (572)  |
| Cygnal  | C8051F120     | (ISP)     | (138)  |
| Cygnal  | C8051F120     | [TQFP100] | (573)  |
| Cygnal  | C8051F121     | (ISP)     | (138)  |
| Cygnal  | C8051F121     | [TQFP64]  | (572)  |
| Cygnal  | C8051F122     | (ISP)     | (138)  |
| Cygnal  | C8051F122     | [TQFP100] | (573)  |
| Cygnal  | C8051F123     | (ISP)     | (138)  |
| Cygnal  | C8051F123     | [TQFP64]  | (572)  |
| Cygnal  | C8051F124     | (ISP)     | (138)  |
| Cygnal  | C8051F124     | [TQFP100] | (573)  |
| Cygnal  | C8051F125     | (ISP)     | (138)  |
| Cygnal  | C8051F125     | [TQFP64]  | (572)  |
| Cygnal  | C8051F126     | (ISP)     | (138)  |
| Cygnal  | C8051F126     | [TQFP100] | (573)  |
| Cygnal  | C8051F127     | (ISP)     | (138)  |
| Cygnal  | C8051F127     | [TQFP64]  | (572)  |
| Cygnal  | C8051F130     | (ISP)     | (138)  |
| Cygnal  | C8051F130     | [TQFP100] | (573)  |
| Cygnal  | C8051F131     | (ISP)     | (138)  |
| Cygnal  | C8051F131     | [TQFP64]  | (572)  |
| Cygnal  | C8051F132     | (ISP)     | (138)  |
| Cygnal  | C8051F132     | [TQFP100] | (573)  |
| Cygnal  | C8051F133     | (ISP)     | (138)  |
| Cygnal  | C8051F133     | [TQFP64]  | (572)  |
| Cygnal  | C8051F206     | (ISP)     | (138)  |
| Cygnal  | C8051F206     | [TQFP48]  | (174)  |
| Cygnal  | C8051F220     | (ISP)     | (138)  |
| Cygnal  | C8051F220     | [TQFP48]  | (174)  |
| Cygnal  | C8051F221     | (ISP)     | (138)  |
| Cygnal  | C8051F221     | [LQFP32]  | (159)  |
| Cygnal  | C8051F226     | (ISP)     | (138)  |
| Cygnal  | C8051F226     | [TQFP48]  | (174)  |
| Cygnal  | C8051F230     | (ISP)     | (138)  |
| Cygnal  | C8051F230     | [TQFP48]  | (174)  |
| Cygnal  | C8051F231     | (ISP)     | (138)  |
| Cygnal  | C8051F231     | [LQFP32]  | (159)  |
| Cygnal  | C8051F236     | (ISP)     | (138)  |
| Cygnal  | C8051F236     | [TQFP48]  | (174)  |
| Cygnal  | C8051F300     | (ISP)     | (138)  |
| Cygnal  | C8051F300     | [MLP11]   | (574)  |
| Cygnal  | C8051F301     | (ISP)     | (138)  |
| Cygnal  | C8051F301     | [MLP11]   | (574)  |
| Cygnal  | C8051F302     | (ISP)     | (138)  |
| Cygnal  | C8051F302     | [MLP11]   | (574)  |
| Cygnal  | C8051F303     | (ISP)     | (138)  |
| Cygnal  | C8051F303     | [MLP11]   | (574)  |
| Cygnal  | C8051F304     | (ISP)     | (138)  |
| Cygnal  | C8051F304     | [MLP11]   | (574)  |
| Cygnal  | C8051F305     | (ISP)     | (138)  |
| Cygnal  | C8051F305     | [MLP11]   | (574)  |
| Cygnal  | C8051F310     | (ISP)     | (138)  |
| Cygnal  | C8051F310     | [LQFP32]  | (159)  |
| Cygnal  | C8051F311     | (ISP)     | (138)  |
| Cygnal  | C8051F311     | [MLP28]   | (576)  |
| Cygnal  | C8051F320     | (ISP)     | (138)  |
| Cygnal  | C8051F320     | [LQFP32]  | (159)  |
| Cygnal  | C8051F321     | (ISP)     | (138)  |
| Cygnal  | C8051F321     | [MLP28]   | (576)  |
| Cygnal  | C8051F330     | (ISP)     | (138)  |
| Cygnal  | C8051F330     | [MLP20]   | (575)  |
| Cygnal  | C8051F330D    |           |        |
| Cygnal  | C8051F330D    | (ISP)     | (138)  |
| Cygnal  | C8051F331     | (ISP)     | (138)  |
| Cygnal  | C8051F331     | [MLP20]   | (575)  |
| Cygnal  | C8051F350     | (ISP)     | (138)  |
| Cygnal  | C8051F350     | [LQFP32]  | (159)  |
| Cygnal  | C8051F351     | (ISP)     | (138)  |
| Cygnal  | C8051F351     | [MLP28]   | (576)  |
| Cygnal  | C8051F352     | (ISP)     | (138)  |
| Cygnal  | C8051F352     | [LQFP32]  | (159)  |
| Cygnal  | C8051F353     | (ISP)     | (138)  |
| Cygnal  | C8051F353     | [MLP28]   | (576)  |
| Cypress | 1KL256Sxxxx00 | [BGA24]   | (4392) |
| Cypress | 1KL512Sxxxx00 | [BGA24]   | (4392) |
| Cypress | 1KS256Sxxxx00 | [BGA24]   | (4392) |
| Cypress | 1KS512Sxxxx00 | [BGA24]   | (4392) |
| Cypress | 26HL512Txx00  | [BGA24]   | (4392) |
| Cypress | 26HS512Txx00  | [BGA24]   | (4392) |

|         |               |             |        |
|---------|---------------|-------------|--------|
| Cypress | 6KL128Sxxxx02 | [BGA24]     | (4392) |
| Cypress | 6KL128Sxxxx03 | [BGA24]     | (4392) |
| Cypress | 6KL256Sxxxx02 | [BGA24]     | (4392) |
| Cypress | 6KL256Sxxxx03 | [BGA24]     | (4392) |
| Cypress | 6KL512Sxxxx02 | [BGA24]     | (4392) |
| Cypress | 6KL512Sxxxx03 | [BGA24]     | (4392) |
| Cypress | 6KS128Sxxxx02 | [BGA24]     | (4392) |
| Cypress | 6KS128Sxxxx03 | [BGA24]     | (4392) |
| Cypress | 6KS256Sxxxx02 | [BGA24]     | (4392) |
| Cypress | 6KS256Sxxxx03 | [BGA24]     | (4392) |
| Cypress | 6KS512Sxxxx02 | [BGA24]     | (4392) |
| Cypress | 6KS512Sxxxx03 | [BGA24]     | (4392) |
| Cypress | CG7C323-A     | [PLCC28]    | (48)   |
| Cypress | CG7C323B-A    | [PLCC28]    | (48)   |
| Cypress | CG7C324       | [PLCC28]    | (48)   |
| Cypress | CY14B101K     | [SSOP48]    | (194)  |
| Cypress | CY14B101L     | [SOIC32]    | (233)  |
| Cypress | CY14B101L     | [SSOP48]    | (194)  |
| Cypress | CY14B101LA    | [SOIC32]    | (233)  |
| Cypress | CY14B101LA    | [SSOP48]    | (194)  |
| Cypress | CY14B101LA    | [TSOP44]    | (149)  |
| Cypress | CY14B102L     | [TSOP44]    | (149)  |
| Cypress | CY14B102N     | [TSOP44]    | (149)  |
| Cypress | CY14B104K     | [TSOP44]    | (149)  |
| Cypress | CY14B104L     | [TSOP44]    | (149)  |
| Cypress | CY14B104N     | [TSOP44]    | (149)  |
| Cypress | CY14B108L     | [TSOP44]    | (149)  |
| Cypress | CY14B116N     | [TSOP48]    | (57)   |
| Cypress | CY14B256K     | [SSOP48]    | (194)  |
| Cypress | CY14B256L     | [SOIC32]    | (233)  |
| Cypress | CY14B256L     | [SSOP48]    | (194)  |
| Cypress | CY14E064L     | [SOIC28]    | (53)   |
| Cypress | CY14E102L     | [TSOP44]    | (149)  |
| Cypress | CY14E102N     | [TSOP44]    | (149)  |
| Cypress | CY14E104K     | [TSOP44]    | (149)  |
| Cypress | CY14E104L     | [TSOP44]    | (149)  |
| Cypress | CY14E104N     | [TSOP44]    | (149)  |
| Cypress | CY14E108L     | [TSOP44]    | (149)  |
| Cypress | CY14E256L     | [SOIC32]    | (233)  |
| Cypress | CY14E256LA    | [SOIC32]    | (233)  |
| Cypress | CY14MB064J1   | [ISP]       | (138)  |
| Cypress | CY14MB064J1   | [SOIC8]     | (2994) |
| Cypress | CY14MB064J2   | [ISP]       | (138)  |
| Cypress | CY14MB064J2   | [SOIC8]     | (2994) |
| Cypress | CY14MB256J1   | [ISP]       | (138)  |
| Cypress | CY14MB256J1   | [SOIC8]     | (2994) |
| Cypress | CY14MB256J2   | [ISP]       | (138)  |
| Cypress | CY14MB256J2   | [SOIC8]     | (2994) |
| Cypress | CY14MC256J1   | [ISP]       | (138)  |
| Cypress | CY14MC256J1   | [SOIC8]     | (2994) |
| Cypress | CY14MC256J2   | [ISP]       | (138)  |
| Cypress | CY14MC256J2   | [SOIC8]     | (2994) |
| Cypress | CY14ME064J1   | [ISP]       | (138)  |
| Cypress | CY14ME064J1   | [SOIC8]     | (2994) |
| Cypress | CY14ME064J2   | [ISP]       | (138)  |
| Cypress | CY14ME064J2   | [SOIC8]     | (2994) |
| Cypress | CY14ME256J1   | [ISP]       | (138)  |
| Cypress | CY14ME256J1   | [SOIC8]     | (2994) |
| Cypress | CY14ME256J2   | [ISP]       | (138)  |
| Cypress | CY14ME256J2   | [SOIC8]     | (2994) |
| Cypress | CY15B102Q     | [ISP]       | (138)  |
| Cypress | CY15B102Q-S   | [SOIC8-208] | (46)   |
| Cypress | CY15B104Q     |             |        |
| Cypress | CY15B128Q     | [ISP]       | (138)  |
| Cypress | CY15B128Q-S   | [SOIC8-150] | (950)  |
| Cypress | CY15B256J     | [ISP]       | (138)  |
| Cypress | CY15B256J-S   | [SOIC8-150] | (950)  |
| Cypress | CY15B256Q     | [ISP]       | (138)  |
| Cypress | CY15B256Q-S   | [SOIC8-150] | (950)  |
| Cypress | CY15E016Q     | [ISP]       | (138)  |
| Cypress | CY15E016Q     | [SOIC8-150] | (950)  |
| Cypress | CY2071A       | [SOIC8]     | (3741) |
| Cypress | CY22050F      | [TSSOP16]   | (1088) |
| Cypress | CY22150F      | [TSSOP16]   | (1088) |
| Cypress | CY223811F     | [SOIC8]     | (950)  |
| Cypress | CY22381F      | [SOIC8]     | (950)  |
| Cypress | CY22392F      | [TSSOP16]   | (1088) |
| Cypress | CY223931F     | [TSSOP16]   | (1088) |
| Cypress | CY22393F      | [TSSOP16]   | (1088) |
| Cypress | CY22394F      | [TSSOP16]   | (1088) |
| Cypress | CY22395F      | [TSSOP16]   | (1088) |
| Cypress | CY22800F      | [SOIC8]     | (950)  |
| Cypress | CY22800KF     | [SOIC8]     | (950)  |
| Cypress | CY22801F      | [SOIC8]     | (950)  |
| Cypress | CY22801KF     | [SOIC8]     | (950)  |
| Cypress | CY2291F       | [SOIC20]    | (119)  |
| Cypress | CY2292F       | [SOIC16]    | (44)   |
| Cypress | CY2292F       | [TSSOP16]   | (1088) |
| Cypress | CY2295F       | [SSOP28]    | (1103) |
| Cypress | CY22E016      | [SOIC28]    | (51)   |
| Cypress | CY23FP12      | [SSOP28]    | (1103) |
| Cypress | CY24C01       | [ISP]       | (138)  |
| Cypress | CY24C01       | [SOIC8]     | (950)  |
| Cypress | CY24C01       | [TSSOP8]    | (121)  |
| Cypress | CY24C02       | [ISP]       | (138)  |
| Cypress | CY24C02       | [SOIC8]     | (950)  |
| Cypress | CY24C02       | [TSSOP8]    | (121)  |
| Cypress | CY24C04       | [ISP]       | (138)  |
| Cypress | CY24C04       | [SOIC8]     | (950)  |
| Cypress | CY24C04       | [TSSOP8]    | (121)  |
| Cypress | CY24C08       | [ISP]       | (138)  |
| Cypress | CY24C08       | [SOIC8]     | (950)  |
| Cypress | CY24C08       | [TSSOP8]    | (121)  |
| Cypress | CY24C16       | [ISP]       | (138)  |
| Cypress | CY24C16       | [SOIC8]     | (950)  |
| Cypress | CY24C16       | [TSSOP8]    | (121)  |
| Cypress | CY25100xxxF   | [SOIC8]     | (950)  |
| Cypress | CY25100xxxF   | [TSSOP8]    | (121)  |
| Cypress | CY25200F      | [TSSOP16]   | (1088) |
| Cypress | CY25C01       | [ISP]       | (138)  |
| Cypress | CY25C01       | [SOIC8]     | (950)  |
| Cypress | CY25C01       | [TSSOP8]    | (121)  |
| Cypress | CY25C02       | [ISP]       | (138)  |
| Cypress | CY25C02       | [SOIC8]     | (950)  |
| Cypress | CY25C02       | [TSSOP8]    | (121)  |
| Cypress | CY25C04       | [ISP]       | (138)  |
| Cypress | CY25C04       | [SOIC8]     | (950)  |
| Cypress | CY25C04       | [TSSOP8]    | (121)  |
| Cypress | CY25C08       | [ISP]       | (138)  |
| Cypress | CY25C08       | [SOIC8]     | (950)  |
| Cypress | CY25C08       | [TSSOP8]    | (121)  |
| Cypress | CY25C16       | [ISP]       | (138)  |
| Cypress | CY25C16       | [SOIC8]     | (950)  |
| Cypress | CY25C16       | [TSSOP8]    | (121)  |
| Cypress | CY27C010      |             |        |
| Cypress | CY27C010      | [PLCC32]    | (59)   |
| Cypress | CY27C010      | [TSOP32]    | (655)  |
| Cypress | CY27C020      |             |        |

|         |           |                 |        |
|---------|-----------|-----------------|--------|
| Cypress | CY27C020  | [PLCC32]        | (59)   |
| Cypress | CY27C020  | [TSOP32]        | (655)  |
| Cypress | CY27C040  |                 |        |
| Cypress | CY27C040  | [PLCC32]        | (59)   |
| Cypress | CY27C040  | [TSOP32]        | (655)  |
| Cypress | CY27C128  |                 |        |
| Cypress | CY27C128  | [PLCC32]        | (59)   |
| Cypress | CY27C256  |                 |        |
| Cypress | CY27C256  | [PLCC32]        | (59)   |
| Cypress | CY27C256  | [TSOP28]        | (54)   |
| Cypress | CY27C256A |                 |        |
| Cypress | CY27C256A | [PLCC32]        | (59)   |
| Cypress | CY27C256A | [TSOP28]        | (54)   |
| Cypress | CY27C512  |                 |        |
| Cypress | CY27C512  | [PLCC32]        | (59)   |
| Cypress | CY27C512  | [TSOP28]        | (54)   |
| Cypress | CY27H010  |                 |        |
| Cypress | CY27H010  | [PLCC32]        | (59)   |
| Cypress | CY27H010  | [TSOP32]        | (655)  |
| Cypress | CY27H256  |                 |        |
| Cypress | CY27H256  | [PLCC32]        | (59)   |
| Cypress | CY27H512  |                 |        |
| Cypress | CY27H512  | [PLCC32]        | (59)   |
| Cypress | CY27H512  | [TSOP28]        | (54)   |
| Cypress | CY37032   | (ISP)           | (138)  |
| Cypress | CY37032   | (ISP-Jam)       | (138)  |
| Cypress | CY37032   | (ISP-SVF)       | (138)  |
| Cypress | CY37032   | [PLCC44]        | (67)   |
| Cypress | CY37032   | [PLCC44] (Jam)  | (67)   |
| Cypress | CY37032   | [PLCC44] (SVF)  | (67)   |
| Cypress | CY37032   | [TQFP44]        | (94)   |
| Cypress | CY37032   | [TQFP44] (Jam)  | (94)   |
| Cypress | CY37032   | [TQFP44] (SVF)  | (94)   |
| Cypress | CY37032V  | (ISP)           | (138)  |
| Cypress | CY37032V  | (ISP-Jam)       | (138)  |
| Cypress | CY37032V  | (ISP-SVF)       | (138)  |
| Cypress | CY37032V  | [FBGA48]        | (1012) |
| Cypress | CY37032V  | [FBGA48] (Jam)  | (1012) |
| Cypress | CY37032V  | [FBGA48] (SVF)  | (1012) |
| Cypress | CY37032V  | [TQFP44]        | (94)   |
| Cypress | CY37032V  | [TQFP44] (Jam)  | (94)   |
| Cypress | CY37032V  | [TQFP44] (SVF)  | (94)   |
| Cypress | CY37064   | (ISP)           | (138)  |
| Cypress | CY37064   | (ISP-Jam)       | (138)  |
| Cypress | CY37064   | (ISP-SVF)       | (138)  |
| Cypress | CY37064   | [CLCC44]        | (67)   |
| Cypress | CY37064   | [CLCC44] (Jam)  | (67)   |
| Cypress | CY37064   | [CLCC44] (SVF)  | (67)   |
| Cypress | CY37064   | [PLCC44]        | (67)   |
| Cypress | CY37064   | [PLCC44] (Jam)  | (67)   |
| Cypress | CY37064   | [PLCC44] (SVF)  | (67)   |
| Cypress | CY37064   | [PLCC84]        | (90)   |
| Cypress | CY37064   | [TQFP100]       | (586)  |
| Cypress | CY37064   | [TQFP100] (Jam) | (586)  |
| Cypress | CY37064   | [TQFP100] (SVF) | (586)  |
| Cypress | CY37064   | [TQFP44]        | (94)   |
| Cypress | CY37064   | [TQFP44] (Jam)  | (94)   |
| Cypress | CY37064   | [TQFP44] (SVF)  | (94)   |
| Cypress | CY37064V  | (ISP)           | (138)  |
| Cypress | CY37064V  | (ISP-Jam)       | (138)  |
| Cypress | CY37064V  | (ISP-SVF)       | (138)  |
| Cypress | CY37064V  | [CLCC44]        | (67)   |
| Cypress | CY37064V  | [CLCC44] (Jam)  | (67)   |
| Cypress | CY37064V  | [CLCC44] (SVF)  | (67)   |
| Cypress | CY37064V  | [FBGA100]       | (1047) |
| Cypress | CY37064V  | [FBGA100] (Jam) | (1047) |
| Cypress | CY37064V  | [FBGA100] (SVF) | (1047) |
| Cypress | CY37064V  | [FBGA48]        | (1012) |
| Cypress | CY37064V  | [FBGA48] (Jam)  | (1012) |
| Cypress | CY37064V  | [FBGA48] (SVF)  | (1012) |
| Cypress | CY37064V  | [PLCC84]        | (90)   |
| Cypress | CY37064V  | [TQFP100]       | (586)  |
| Cypress | CY37064V  | [TQFP100] (Jam) | (586)  |
| Cypress | CY37064V  | [TQFP100] (SVF) | (586)  |
| Cypress | CY37064V  | [TQFP44]        | (94)   |
| Cypress | CY37064V  | [TQFP44] (Jam)  | (94)   |
| Cypress | CY37064V  | [TQFP44] (SVF)  | (94)   |
| Cypress | CY37128   | (ISP)           | (138)  |
| Cypress | CY37128   | (ISP-Jam)       | (138)  |
| Cypress | CY37128   | (ISP-SVF)       | (138)  |
| Cypress | CY37128   | [CLCC84]        | (90)   |
| Cypress | CY37128   | [CLCC84] (Jam)  | (90)   |
| Cypress | CY37128   | [CLCC84] (SVF)  | (90)   |
| Cypress | CY37128   | [PLCC84]        | (90)   |
| Cypress | CY37128   | [TQFP100]       | (586)  |
| Cypress | CY37128   | [TQFP100] (Jam) | (586)  |
| Cypress | CY37128   | [TQFP100] (SVF) | (586)  |
| Cypress | CY37128   | [TQFP160]       | (1336) |
| Cypress | CY37128   | [TQFP160] (Jam) | (1336) |
| Cypress | CY37128   | [TQFP160] (SVF) | (1336) |
| Cypress | CY37128V  | (ISP)           | (138)  |
| Cypress | CY37128V  | (ISP-Jam)       | (138)  |
| Cypress | CY37128V  | (ISP-SVF)       | (138)  |
| Cypress | CY37128V  | [CLCC84]        | (90)   |
| Cypress | CY37128V  | [CLCC84] (Jam)  | (90)   |
| Cypress | CY37128V  | [CLCC84] (SVF)  | (90)   |
| Cypress | CY37128V  | [FBGA100]       | (1047) |
| Cypress | CY37128V  | [FBGA100] (Jam) | (1047) |
| Cypress | CY37128V  | [FBGA100] (SVF) | (1047) |
| Cypress | CY37128V  | [TQFP100]       | (586)  |
| Cypress | CY37128V  | [TQFP100] (Jam) | (586)  |
| Cypress | CY37128V  | [TQFP100] (SVF) | (586)  |
| Cypress | CY37128V  | [TQFP160]       | (1336) |
| Cypress | CY37128V  | [TQFP160] (Jam) | (1336) |
| Cypress | CY37128V  | [TQFP160] (SVF) | (1336) |
| Cypress | CY37192   | (ISP)           | (138)  |
| Cypress | CY37192   | (ISP-Jam)       | (138)  |
| Cypress | CY37192   | (ISP-SVF)       | (138)  |
| Cypress | CY37192   | [TQFP160]       | (1336) |
| Cypress | CY37192   | [TQFP160] (Jam) | (1336) |
| Cypress | CY37192   | [TQFP160] (SVF) | (1336) |
| Cypress | CY37192V  | (ISP)           | (138)  |
| Cypress | CY37192V  | (ISP-Jam)       | (138)  |
| Cypress | CY37192V  | (ISP-SVF)       | (138)  |
| Cypress | CY37192V  | [TQFP160]       | (1336) |
| Cypress | CY37192V  | [TQFP160] (Jam) | (1336) |
| Cypress | CY37192V  | [TQFP160] (SVF) | (1336) |
| Cypress | CY37256   | (ISP)           | (138)  |
| Cypress | CY37256   | (ISP-Jam)       | (138)  |
| Cypress | CY37256   | (ISP-SVF)       | (138)  |
| Cypress | CY37256   | [PQFP208]       | (815)  |
| Cypress | CY37256   | [PQFP208] (Jam) | (815)  |
| Cypress | CY37256   | [PQFP208] (SVF) | (815)  |
| Cypress | CY37256   | [TQFP160]       | (1336) |
| Cypress | CY37256   | [TQFP160] (Jam) | (1336) |
| Cypress | CY37256   | [TQFP160] (SVF) | (1336) |
| Cypress | CY37256V  | (ISP)           | (138)  |
| Cypress | CY37256V  | (ISP-Jam)       | (138)  |

|         |                   |                 |        |
|---------|-------------------|-----------------|--------|
| Cypress | CY37256V          | (ISP-SVF)       | (138)  |
| Cypress | CY37256V          | [FBGA256]       | (1584) |
| Cypress | CY37256V          | [FBGA256] (Jam) | (1584) |
| Cypress | CY37256V          | [FBGA256] (SVF) | (1584) |
| Cypress | CY37256V          | [PQFP208]       | (815)  |
| Cypress | CY37256V          | [PQFP208] (Jam) | (815)  |
| Cypress | CY37256V          | [PQFP208] (SVF) | (815)  |
| Cypress | CY37256V          | [TQFP160]       | (1336) |
| Cypress | CY37256V          | [TQFP160] (Jam) | (1336) |
| Cypress | CY37256V          | [TQFP160] (SVF) | (1336) |
| Cypress | CY37384           | (ISP)           | (138)  |
| Cypress | CY37384           | (ISP-Jam)       | (138)  |
| Cypress | CY37384           | (ISP-SVF)       | (138)  |
| Cypress | CY37384           | [PQFP208]       | (815)  |
| Cypress | CY37384           | [PQFP208] (Jam) | (815)  |
| Cypress | CY37384           | [PQFP208] (SVF) | (815)  |
| Cypress | CY37384V          | (ISP)           | (138)  |
| Cypress | CY37384V          | (ISP-Jam)       | (138)  |
| Cypress | CY37384V          | (ISP-SVF)       | (138)  |
| Cypress | CY37384V          | [PQFP208]       | (815)  |
| Cypress | CY37384V          | [PQFP208] (Jam) | (815)  |
| Cypress | CY37384V          | [PQFP208] (SVF) | (815)  |
| Cypress | CY37512           | (ISP)           | (138)  |
| Cypress | CY37512           | (ISP-Jam)       | (138)  |
| Cypress | CY37512           | (ISP-SVF)       | (138)  |
| Cypress | CY37512           | [PQFP208]       | (815)  |
| Cypress | CY37512           | [PQFP208] (Jam) | (815)  |
| Cypress | CY37512           | [PQFP208] (SVF) | (815)  |
| Cypress | CY37512V          | (ISP)           | (138)  |
| Cypress | CY37512V          | (ISP-Jam)       | (138)  |
| Cypress | CY37512V          | (ISP-SVF)       | (138)  |
| Cypress | CY37512V          | [PQFP208]       | (815)  |
| Cypress | CY37512V          | [PQFP208] (Jam) | (815)  |
| Cypress | CY37512V          | [PQFP208] (SVF) | (815)  |
| Cypress | CY39030Vxxx-xxxM  | (ISP)           | (138)  |
| Cypress | CY39030Vxxx-xxxM  | [FBGA256]       | (995)  |
| Cypress | CY39030Zxxx-xxxM  | (ISP)           | (138)  |
| Cypress | CY39030Zxxx-xxxM  | [FBGA256]       | (995)  |
| Cypress | CY39050Vxxx-xxxM  | (ISP)           | (138)  |
| Cypress | CY39050Zxxx-xxxM  | (ISP)           | (138)  |
| Cypress | CY39100VxxxA-xxxM | (ISP)           | (138)  |
| Cypress | CY39100VxxxB-xxxM | (ISP)           | (138)  |
| Cypress | CY39100Vxxx-xxxM  | (ISP)           | (138)  |
| Cypress | CY39100Zxxx-xxxM  | (ISP)           | (138)  |
| Cypress | CY39165Vxxx-xxxM  | (ISP)           | (138)  |
| Cypress | CY39165Zxxx-xxxM  | (ISP)           | (138)  |
| Cypress | CY39200Vxxx-xxxM  | (ISP)           | (138)  |
| Cypress | CY39200Zxxx-xxxM  | (ISP)           | (138)  |
| Cypress | CY3LV002          | [PLCC20]        | (47)   |
| Cypress | CY3LV010          | [PLCC20]        | (47)   |
| Cypress | CY3LV512          | [PLCC20]        | (47)   |
| Cypress | CY7C225A          |                 |        |
| Cypress | CY7C251           |                 |        |
| Cypress | CY7C254           |                 |        |
| Cypress | CY7C261           |                 |        |
| Cypress | CY7C261           | [LCC28]         | (633)  |
| Cypress | CY7C261           | [PLCC28]        | (48)   |
| Cypress | CY7C263           |                 |        |
| Cypress | CY7C263           | [LCC28]         | (633)  |
| Cypress | CY7C263           | [PLCC28]        | (48)   |
| Cypress | CY7C264           |                 |        |
| Cypress | CY7C264           | [LCC28]         | (633)  |
| Cypress | CY7C264           | [PLCC28]        | (48)   |
| Cypress | CY7C265           |                 |        |
| Cypress | CY7C265           | [LCC28]         | (633)  |
| Cypress | CY7C265           | [PLCC28]        | (48)   |
| Cypress | CY7C266           |                 |        |
| Cypress | CY7C266           | [PLCC32]        | (59)   |
| Cypress | CY7C271           |                 |        |
| Cypress | CY7C271           | [PLCC32]        | (59)   |
| Cypress | CY7C271A          |                 |        |
| Cypress | CY7C271A          | [PLCC32]        | (59)   |
| Cypress | CY7C274           |                 |        |
| Cypress | CY7C274           | [PLCC32]        | (59)   |
| Cypress | CY7C291           |                 |        |
| Cypress | CY7C291           | [PLCC28]        | (48)   |
| Cypress | CY7C291           | [SOIC24]        | (1062) |
| Cypress | CY7C291A          |                 |        |
| Cypress | CY7C291A          | [PLCC28]        | (48)   |
| Cypress | CY7C291A          | [SOIC24]        | (1062) |
| Cypress | CY7C292           |                 |        |
| Cypress | CY7C292A          |                 |        |
| Cypress | CY7C293A          |                 |        |
| Cypress | CY7C293A          | [SOIC24]        | (1062) |
| Cypress | CY7C343B          | [PLCC44]        | (710)  |
| Cypress | CY7C344B          |                 |        |
| Cypress | CY7C344B          | [PLCC28]        | (682)  |
| Cypress | CY7C371           | [PLCC44]        | (684)  |
| Cypress | CY7C371           | [TQFP44]        | (685)  |
| Cypress | CY7C371i          | (ISP)           | (686)  |
| Cypress | CY7C371i          | [PLCC44]        | (138)  |
| Cypress | CY7C371i          | [TQFP44]        | (67)   |
| Cypress | CY7C53120E2       | [SOIC32]        | (94)   |
| Cypress | CY7C53120E2       | [TQFP44]        | (1438) |
| Cypress | CY7C53120E4       | [SOIC32]        | (94)   |
| Cypress | CY7C53120E4       | [TQFP44]        | (1438) |
| Cypress | CY7C60123         |                 |        |
| Cypress | CY7C60123         | (ISP)           | (194)  |
| Cypress | CY7C60123         | [SSOP48]        | (138)  |
| Cypress | CY7C60123-PVX     | (ISP)           | (138)  |
| Cypress | CY7C60223         | (ISP)           | (138)  |
| Cypress | CY7C60223         | [QSOP24]        | (2341) |
| Cypress | CY7C60223         | [SOIC24]        | (1062) |
| Cypress | CY7C60323         | (ISP)           | (138)  |
| Cypress | CY7C60323         | [QFN32]         | (221)  |
| Cypress | CY7C60323         | [SSOP28]        | (1103) |
| Cypress | CY7C60323-PVX     | (ISP)           | (138)  |
| Cypress | CY7C60333         | (ISP)           | (138)  |
| Cypress | CY7C60333         | [MLF32]         | (221)  |
| Cypress | CY7C60445         | (ISP)           | (138)  |
| Cypress | CY7C60445         | [QFN32]         | (1294) |
| Cypress | CY7C60456         | (ISP)           | (138)  |
| Cypress | CY7C60456         | [QFN48]         | (567)  |
| Cypress | CY7C63000         |                 |        |
| Cypress | CY7C63000         | [SOIC20]        | (119)  |
| Cypress | CY7C63000A        |                 |        |
| Cypress | CY7C63000A        | [SOIC20]        | (119)  |
| Cypress | CY7C63001         |                 |        |
| Cypress | CY7C63001         | [SOIC20]        | (119)  |
| Cypress | CY7C63001A        |                 |        |
| Cypress | CY7C63001A        | [SOIC20]        | (119)  |
| Cypress | CY7C63001C        |                 |        |
| Cypress | CY7C63001C        | [SOIC20]        | (119)  |
| Cypress | CY7C63100         | [SOIC24]        | (1062) |
| Cypress | CY7C63100A        | [SOIC24]        | (1062) |
| Cypress | CY7C63101         |                 |        |
| Cypress | CY7C63101         | [SOIC24]        | (1062) |
| Cypress | CY7C63101A        | [SOIC24]        | (1062) |

|         |                            |        |
|---------|----------------------------|--------|
| Cypress | CY7C63101C [QSOP24]        | (2341) |
| Cypress | CY7C63200                  |        |
| Cypress | CY7C63201                  |        |
| Cypress | CY7C63221A                 |        |
| Cypress | CY7C63231A                 |        |
| Cypress | CY7C63231A [SOIC18]        | (1061) |
| Cypress | CY7C63310                  |        |
| Cypress | CY7C63310 (ISP)            | (138)  |
| Cypress | CY7C63310 [SOIC16]         | (44)   |
| Cypress | CY7C63411 [DIP40]          |        |
| Cypress | CY7C63411 [DIP48]          |        |
| Cypress | CY7C63411 [SSOP48]         | (194)  |
| Cypress | CY7C63412 [DIP40]          |        |
| Cypress | CY7C63412 [DIP48]          |        |
| Cypress | CY7C63412 [SSOP48]         | (194)  |
| Cypress | CY7C63413 [DIP40]          |        |
| Cypress | CY7C63413 [DIP48]          |        |
| Cypress | CY7C63413 [SSOP48]         | (194)  |
| Cypress | CY7C63413C [DIP40]         |        |
| Cypress | CY7C63413C [DIP40] (DDD-1) |        |
| Cypress | CY7C63413C [SSOP48]        | (194)  |
| Cypress | CY7C63511                  |        |
| Cypress | CY7C63511 [SSOP48]         | (194)  |
| Cypress | CY7C63512                  |        |
| Cypress | CY7C63512 [SSOP48]         | (194)  |
| Cypress | CY7C63513                  |        |
| Cypress | CY7C63513 [SSOP48]         | (194)  |
| Cypress | CY7C63612 [SOIC24]         | (1062) |
| Cypress | CY7C63613 [SOIC24]         | (1062) |
| Cypress | CY7C63722                  |        |
| Cypress | CY7C63723                  |        |
| Cypress | CY7C63723 [SOIC18]         | (1061) |
| Cypress | CY7C63723C                 |        |
| Cypress | CY7C63723C [SOIC18]        | (1061) |
| Cypress | CY7C63742                  |        |
| Cypress | CY7C63742 [SOIC24]         | (1062) |
| Cypress | CY7C63743                  |        |
| Cypress | CY7C63743 [QSOP24]         | (2341) |
| Cypress | CY7C63743 [SOIC24]         | (1062) |
| Cypress | CY7C63743C                 |        |
| Cypress | CY7C63743C [QSOP24]        | (2341) |
| Cypress | CY7C63743C [SOIC24]        | (1062) |
| Cypress | CY7C63801                  |        |
| Cypress | CY7C63801 (ISP)            | (138)  |
| Cypress | CY7C63801 [SOIC16]         | (44)   |
| Cypress | CY7C63803 (ISP)            | (138)  |
| Cypress | CY7C63803 [QFN24]          | (731)  |
| Cypress | CY7C63803 [SOIC16]         | (44)   |
| Cypress | CY7C63813                  |        |
| Cypress | CY7C63813 (ISP)            | (138)  |
| Cypress | CY7C63813 [SOIC18]         | (1061) |
| Cypress | CY7C63823                  |        |
| Cypress | CY7C63823 (ISP)            | (138)  |
| Cypress | CY7C63823 [QSOP24]         | (2341) |
| Cypress | CY7C63823 [SOIC24]         | (1062) |
| Cypress | CY7C63833 (ISP)            | (138)  |
| Cypress | CY7C63833 [QFN32]          | (221)  |
| Cypress | CY7C63923 (ISP)            | (138)  |
| Cypress | CY7C63923 [SSOP48]         | (194)  |
| Cypress | CY7C64011                  |        |
| Cypress | CY7C64011 [SOIC28]         | (51)   |
| Cypress | CY7C64012                  |        |
| Cypress | CY7C64012 [SOIC28]         | (51)   |
| Cypress | CY7C64013                  |        |
| Cypress | CY7C64013 [SOIC28]         | (51)   |
| Cypress | CY7C64111 [SSOP48]         | (194)  |
| Cypress | CY7C64112 [SSOP48]         | (194)  |
| Cypress | CY7C64113 [SSOP48]         | (194)  |
| Cypress | CY7C64215-28 (ISP)         | (138)  |
| Cypress | CY7C64215-28 [QFN56]       | (671)  |
| Cypress | CY7C64215-28 [SSOP28]      | (1103) |
| Cypress | CY7C64215-56 (ISP)         | (138)  |
| Cypress | CY7C64215-56 [QFN56]       | (671)  |
| Cypress | CY7C64215-56 [QFN-Sawn56]  | (671)  |
| Cypress | CY7C64300 (ISP)            | (138)  |
| Cypress | CY7C64300 [QFN48]          | (567)  |
| Cypress | CY7C64315 (ISP)            | (138)  |
| Cypress | CY7C64315 [QFN16]          | (1069) |
| Cypress | CY7C64316 (ISP)            | (138)  |
| Cypress | CY7C64316 [QFN16]          | (1069) |
| Cypress | CY7C64345 (ISP)            | (138)  |
| Cypress | CY7C64345 [QFN32]          | (1294) |
| Cypress | CY7C64356 (ISP)            | (138)  |
| Cypress | CY7C64356 [QFN48]          | (567)  |
| Cypress | CY7C65013 [SSOP48]         | (194)  |
| Cypress | CY7C65113                  |        |
| Cypress | CY7C65113 [SOIC28]         | (51)   |
| Cypress | CY7C65210-24LT [QFN24]     | (4223) |
| Cypress | CY7C66011                  |        |
| Cypress | CY7C66011 [SSOP48]         | (194)  |
| Cypress | CY7C66012                  |        |
| Cypress | CY7C66012 [SSOP48]         | (194)  |
| Cypress | CY7C66013                  |        |
| Cypress | CY7C66013 [SSOP48]         | (194)  |
| Cypress | CY7C66013C [SSOP48]        | (194)  |
| Cypress | CY7C66111 [SSOP56]         | (657)  |
| Cypress | CY7C66112 [SSOP56]         | (657)  |
| Cypress | CY7C66113 [SSOP56]         | (657)  |
| Cypress | CY7C66113C [QFN56]         | (971)  |
| Cypress | CY7C66113C [SSOP56]        | (657)  |
| Cypress | CY89F538-101PF [QFP64]     | (4054) |
| Cypress | CY8C20045 (ISP)            | (138)  |
| Cypress | CY8C20045 [QFN16]          | (1069) |
| Cypress | CY8C20055 (ISP)            | (138)  |
| Cypress | CY8C20055 [QFN16]          | (1069) |
| Cypress | CY8C20055-SX (ISP)         | (138)  |
| Cypress | CY8C20055-SX [SOIC16]      | (44)   |
| Cypress | CY8C20134 (ISP)            | (138)  |
| Cypress | CY8C20134 [SOIC8]          | (950)  |
| Cypress | CY8C20224 (ISP)            | (138)  |
| Cypress | CY8C20224 [QFN16]          | (1069) |
| Cypress | CY8C20234 (ISP)            | (138)  |
| Cypress | CY8C20234 [QFN16]          | (1069) |
| Cypress | CY8C20234-xxSX (ISP)       | (138)  |
| Cypress | CY8C20234-xxSX [SOIC16]    | (44)   |
| Cypress | CY8C20236 (ISP)            | (138)  |
| Cypress | CY8C20236 [QFN16]          | (1069) |
| Cypress | CY8C20236A (ISP)           | (138)  |
| Cypress | CY8C20236A [QFN16]         | (1069) |
| Cypress | CY8C20237 (ISP)            | (138)  |
| Cypress | CY8C20237 [QFN16]          | (1069) |
| Cypress | CY8C20237-xxSX (ISP)       | (138)  |
| Cypress | CY8C20237-xxSX [SOIC16]    | (44)   |
| Cypress | CY8C20246 (ISP)            | (138)  |
| Cypress | CY8C20246 [QFN16]          | (1069) |
| Cypress | CY8C20246A (ISP)           | (138)  |
| Cypress | CY8C20246A [QFN16]         | (1069) |
| Cypress | CY8C20247 (ISP)            | (138)  |

|         |                              |        |
|---------|------------------------------|--------|
| Cypress | CY8C20247 [QFN16]            | (1069) |
| Cypress | CY8C20247S (ISP)             | (138)  |
| Cypress | CY8C20247S [QFN16]           | (1069) |
| Cypress | CY8C20247S-xxSX (ISP)        | (138)  |
| Cypress | CY8C20247S-xxSX [SOIC16]     | (44)   |
| Cypress | CY8C20247-xxSX (ISP)         | (138)  |
| Cypress | CY8C20247-xxSX [SOIC16]      | (44)   |
| Cypress | CY8C20324 (ISP)              | (138)  |
| Cypress | CY8C20324 [QFN24]            | (731)  |
| Cypress | CY8C20334 (ISP)              | (138)  |
| Cypress | CY8C20334 [QFN24]            | (731)  |
| Cypress | CY8C20337 (ISP)              | (138)  |
| Cypress | CY8C20337 [QFN24]            | (731)  |
| Cypress | CY8C20346A (ISP)             | (138)  |
| Cypress | CY8C20346A [QFN24]           | (731)  |
| Cypress | CY8C20347 (ISP)              | (138)  |
| Cypress | CY8C20347 [QFN24]            | (731)  |
| Cypress | CY8C20347S (ISP)             | (138)  |
| Cypress | CY8C20347S [QFN24]           | (731)  |
| Cypress | CY8C20396 (ISP)              | (138)  |
| Cypress | CY8C20396 [QFN24]            | (731)  |
| Cypress | CY8C20396A (ISP)             | (138)  |
| Cypress | CY8C20396A [QFN24]           | (731)  |
| Cypress | CY8C20424 (ISP)              | (138)  |
| Cypress | CY8C20424 [QFN32]            | (221)  |
| Cypress | CY8C20434 (ISP)              | (138)  |
| Cypress | CY8C20434 [QFN32]            | (221)  |
| Cypress | CY8C20436 (ISP)              | (138)  |
| Cypress | CY8C20436 [QFN32]            | (1294) |
| Cypress | CY8C20436A (ISP)             | (138)  |
| Cypress | CY8C20436A [QFN32]           | (1294) |
| Cypress | CY8C20437 (ISP)              | (138)  |
| Cypress | CY8C20437 [QFN32]            | (1294) |
| Cypress | CY8C20446 (ISP)              | (138)  |
| Cypress | CY8C20446 [QFN32]            | (1293) |
| Cypress | CY8C20446A (ISP)             | (138)  |
| Cypress | CY8C20446A [QFN32]           | (1293) |
| Cypress | CY8C20447 (ISP)              | (138)  |
| Cypress | CY8C20447 [QFN32]            | (1294) |
| Cypress | CY8C20447S (ISP)             | (138)  |
| Cypress | CY8C20447S [QFN32]           | (1294) |
| Cypress | CY8C20466 (ISP)              | (138)  |
| Cypress | CY8C20466 [QFN32]            | (1294) |
| Cypress | CY8C20466A (ISP)             | (138)  |
| Cypress | CY8C20466A [QFN32]           | (1294) |
| Cypress | CY8C20467 (ISP)              | (138)  |
| Cypress | CY8C20467 [QFN32]            | (1294) |
| Cypress | CY8C20467S (ISP)             | (138)  |
| Cypress | CY8C20467S [QFN32]           | (1294) |
| Cypress | CY8C20524 (ISP)              | (138)  |
| Cypress | CY8C20524 [SSOP28]           | (1103) |
| Cypress | CY8C20534 (ISP)              | (138)  |
| Cypress | CY8C20534 [SSOP28]           | (1103) |
| Cypress | CY8C20536 (ISP)              | (138)  |
| Cypress | CY8C20536 [SSOP48]           | (194)  |
| Cypress | CY8C20536A (ISP)             | (138)  |
| Cypress | CY8C20536A [SSOP48]          | (194)  |
| Cypress | CY8C20546 (ISP)              | (138)  |
| Cypress | CY8C20546 [SSOP48]           | (194)  |
| Cypress | CY8C20546A (ISP)             | (138)  |
| Cypress | CY8C20546A [SSOP48]          | (194)  |
| Cypress | CY8C20566 (ISP)              | (138)  |
| Cypress | CY8C20566 [SSOP48]           | (194)  |
| Cypress | CY8C20566A (ISP)             | (138)  |
| Cypress | CY8C20566A [SSOP48]          | (194)  |
| Cypress | CY8C20636 (ISP)              | (138)  |
| Cypress | CY8C20636 [QFN48]            | (1569) |
| Cypress | CY8C20636A (ISP)             | (138)  |
| Cypress | CY8C20636A [QFN48]           | (1569) |
| Cypress | CY8C20636A-xxLQ [QFN48]      | (2952) |
| Cypress | CY8C20637 (ISP)              | (138)  |
| Cypress | CY8C20637 [QFN48]            | (2952) |
| Cypress | CY8C20646 (ISP)              | (138)  |
| Cypress | CY8C20646 [QFN48]            | (1569) |
| Cypress | CY8C20646A (ISP)             | (138)  |
| Cypress | CY8C20646A [QFN48]           | (1569) |
| Cypress | CY8C20646A-xxLQ [QFN48]      | (2952) |
| Cypress | CY8C20647 (ISP)              | (138)  |
| Cypress | CY8C20647 [QFN48]            | (2952) |
| Cypress | CY8C20647S (ISP)             | (138)  |
| Cypress | CY8C20647S [QFN48]           | (2952) |
| Cypress | CY8C20666 (ISP)              | (138)  |
| Cypress | CY8C20666 [QFN48]            | (1569) |
| Cypress | CY8C20666A (ISP)             | (138)  |
| Cypress | CY8C20666A [QFN48]           | (1569) |
| Cypress | CY8C20666A-xxLQ [QFN48]      | (2952) |
| Cypress | CY8C20667 (ISP)              | (138)  |
| Cypress | CY8C20667 [QFN48]            | (2952) |
| Cypress | CY8C20667S (ISP)             | (138)  |
| Cypress | CY8C20667S [QFN48]           | (2952) |
| Cypress | CY8C21123 (ISP)              | (138)  |
| Cypress | CY8C21123 [SOIC8]            | (950)  |
| Cypress | CY8C21223 (ISP)              | (138)  |
| Cypress | CY8C21223 [QFN16]            | (1069) |
| Cypress | CY8C21223 [SOIC16]           | (44)   |
| Cypress | CY8C21234 (ISP)              | (138)  |
| Cypress | CY8C21234 [SOIC16]           | (44)   |
| Cypress | CY8C21234B (ISP)             | (138)  |
| Cypress | CY8C21234B [SOIC16]          | (44)   |
| Cypress | CY8C21312 (ISP)              | (138)  |
| Cypress | CY8C21312 (ISP-without XRES) | (138)  |
| Cypress | CY8C21312 [SSOP20]           | (91)   |
| Cypress | CY8C21323 (ISP)              | (138)  |
| Cypress | CY8C21323 [QFN24]            | (731)  |
| Cypress | CY8C21323 [SSOP20]           | (91)   |
| Cypress | CY8C21334 (ISP)              | (138)  |
| Cypress | CY8C21334 [SSOP20]           | (91)   |
| Cypress | CY8C21334B (ISP)             | (138)  |
| Cypress | CY8C21334B [SSOP20]          | (91)   |
| Cypress | CY8C21345 (ISP)              | (138)  |
| Cypress | CY8C21345 [SSOP28]           | (1103) |
| Cypress | CY8C21434 (ISP)              | (138)  |
| Cypress | CY8C21434 (ISP-without XRES) | (138)  |
| Cypress | CY8C21434 [QFN32]            | (221)  |
| Cypress | CY8C21434B (ISP)             | (138)  |
| Cypress | CY8C21434B [QFN32]           | (1294) |
| Cypress | CY8C21512 (ISP)              | (138)  |
| Cypress | CY8C21512 (ISP-without XRES) | (138)  |
| Cypress | CY8C21512 [SSOP28]           | (1103) |
| Cypress | CY8C21534 (ISP)              | (138)  |
| Cypress | CY8C21534 [SSOP28]           | (1103) |
| Cypress | CY8C21534B (ISP)             | (138)  |
| Cypress | CY8C21534B [SSOP28]          | (1103) |
| Cypress | CY8C21634 (ISP)              | (138)  |
| Cypress | CY8C21634 [QFN32]            | (221)  |
| Cypress | CY8C21634B (ISP)             | (138)  |
| Cypress | CY8C21634B [QFN32]           | (1294) |
| Cypress | CY8C21645 (ISP)              | (138)  |



|         |                 |                 |              |
|---------|-----------------|-----------------|--------------|
| Cypress | CY8C21645       | [SSOP48]        | (194)        |
| Cypress | CY8C22113       |                 |              |
| Cypress | CY8C22113       | (ISP)           | (138)        |
| Cypress | CY8C22113       | [SOIC8]         | (950)        |
| Cypress | CY8C22213       |                 |              |
| Cypress | CY8C22213       | (ISP)           | (138)        |
| Cypress | CY8C22213       | [QFN32]         | (221)        |
| Cypress | CY8C22345       | (ISP)           | (138)        |
| Cypress | CY8C22345       | [SOIC28]        | (51)         |
| Cypress | CY8C22345       | [SSOP28]        | (1103)       |
| Cypress | CY8C22345H      | (ISP)           | (138)        |
| Cypress | CY8C22345H      | [SSOP28]        | (1103)       |
| Cypress | CY8C22545       | (ISP)           | (138)        |
| Cypress | CY8C22545       | [TQFP44]        | (94)         |
| Cypress | CY8C22645       | (ISP)           | (138)        |
| Cypress | CY8C22645       | [SSOP48]        | (194)        |
| Cypress | CY8C23433       | (ISP)           | (138)        |
| Cypress | CY8C23433       | [SSOP28]        | (1103)       |
| Cypress | CY8C23533       | (ISP)           | (138)        |
| Cypress | CY8C23533       | [QFN32]         | (221)        |
| Cypress | CY8C24123       |                 |              |
| Cypress | CY8C24123       | (ISP)           | (138)        |
| Cypress | CY8C24123       | [SOIC8]         | (950)        |
| Cypress | CY8C24123A      |                 |              |
| Cypress | CY8C24123A      | (ISP)           | (138)        |
| Cypress | CY8C24123A      | [SOIC8]         | (950)        |
| Cypress | CY8C24223       |                 |              |
| Cypress | CY8C24223       | (ISP)           | (138)        |
| Cypress | CY8C24223       | [SOIC20]        | (119)        |
| Cypress | CY8C24223       | [SSOP20]        | (91)         |
| Cypress | CY8C24223A      |                 |              |
| Cypress | CY8C24223A      | (ISP)           | (138)        |
| Cypress | CY8C24223A      | [SOIC20]        | (119)        |
| Cypress | CY8C24223A      | [SSOP20]        | (91)         |
| Cypress | CY8C24423       |                 |              |
| Cypress | CY8C24423       | (ISP)           | (138)        |
| Cypress | CY8C24423       | [QFN32]         | (221)        |
| Cypress | CY8C24423       | [SOIC28]        | (51)         |
| Cypress | CY8C24423       | [SSOP28]        | (1103)       |
| Cypress | CY8C24423A      |                 |              |
| Cypress | CY8C24423A      | (ISP)           | (138)        |
| Cypress | CY8C24423A      | [QFN32]         | (221)        |
| Cypress | CY8C24423A      | [SOIC28]        | (51)         |
| Cypress | CY8C24423A      | [SSOP28]        | (1103)       |
| Cypress | CY8C24533       | (ISP)           | (138)        |
| Cypress | CY8C24533       | [SSOP28]        | (1103)       |
| Cypress | CY8C24633       | (ISP)           | (138)        |
| Cypress | CY8C24633       | [SSOP28]        | (1103)       |
| Cypress | CY8C24794       | (ISP)           | (138)        |
| Cypress | CY8C24794       | [QFN56]         | (671)        |
| Cypress | CY8C24894       | (ISP)           | (138)        |
| Cypress | CY8C24894       | (ISP-with XRES) | (138)        |
| Cypress | CY8C24894       | [QFN56]         | (671)        |
| Cypress | CY8C24994       | (ISP)           | (138)        |
| Cypress | CY8C24994       | (ISP-with XRES) | (138)        |
| Cypress | CY8C24994       | [QFN68]         | (1188)       |
| Cypress | CY8C25122       |                 |              |
| Cypress | CY8C25122       | (ISP)           | (138)        |
| Cypress | CY8C26233       |                 |              |
| Cypress | CY8C26233       | (ISP)           | (138)        |
| Cypress | CY8C26233       | [SOIC20]        | (119)        |
| Cypress | CY8C26233       | [SSOP20]        | (91)         |
| Cypress | CY8C26443       |                 |              |
| Cypress | CY8C26443       | (ISP)           | (138)        |
| Cypress | CY8C26443       | [SOIC28]        | (51)         |
| Cypress | CY8C26443       | [SSOP28]        | (1103)       |
| Cypress | CY8C26643       |                 |              |
| Cypress | CY8C26643       | (ISP)           | (138)        |
| Cypress | CY8C26643       | [SSOP48]        | (194)        |
| Cypress | CY8C26643       | [TQFP44]        | (94)         |
| Cypress | CY8C27143       |                 |              |
| Cypress | CY8C27143       | (ISP)           | (138)        |
| Cypress | CY8C27243       | (ISP)           | (138)        |
| Cypress | CY8C27243       | [SOIC20]        | (119)        |
| Cypress | CY8C27243       | [SSOP20]        | (91)         |
| Cypress | CY8C27443       |                 |              |
| Cypress | CY8C27443       | (ISP)           | (138)        |
| Cypress | CY8C27443       | [SOIC28]        | (51)         |
| Cypress | CY8C27443       | [SSOP28]        | (1103)       |
| Cypress | CY8C27543       | (ISP)           | (138)        |
| Cypress | CY8C27543       | [TQFP44]        | (94)         |
| Cypress | CY8C27643       | (ISP)           | (138)        |
| Cypress | CY8C27643       | [QFN48]         | (567)        |
| Cypress | CY8C27643       | [SSOP48]        | (194)        |
| Cypress | CY8C28243       | (ISP)           | (138)        |
| Cypress | CY8C28243       | [SSOP20]        | (91)         |
| Cypress | CY8C28413       | (ISP)           | (138)        |
| Cypress | CY8C28413       | [SSOP28]        | (1103)       |
| Cypress | CY8C28433       | (ISP)           | (138)        |
| Cypress | CY8C28433       | [SSOP28]        | (1103)       |
| Cypress | CY8C28445       | (ISP)           | (138)        |
| Cypress | CY8C28445       | [SSOP28]        | (1103)       |
| Cypress | CY8C28623       | (ISP)           | (138)        |
| Cypress | CY8C28623       | [QFN48]         | (1499)       |
| Cypress | CY8C29466       |                 |              |
| Cypress | CY8C29466       | (ISP)           | (138)        |
| Cypress | CY8C29466       | (ISP-with XRES) | (138) (9997) |
| Cypress | CY8C29466       | [SOIC28]        | (51)         |
| Cypress | CY8C29466       | [SSOP28]        | (1103)       |
| Cypress | CY8C29566       | (ISP)           | (138)        |
| Cypress | CY8C29566       | [TQFP44]        | (94)         |
| Cypress | CY8C29666       | (ISP)           | (138)        |
| Cypress | CY8C29666       | (ISP-with XRES) | (138)        |
| Cypress | CY8C29666       | [QFN48]         | (567)        |
| Cypress | CY8C29666       | [SSOP48]        | (194)        |
| Cypress | CY8C29866       | (ISP)           | (138)        |
| Cypress | CY8C29866       | [TQFP100]       | (791)        |
| Cypress | CY8C3244AXA-153 | [TQFP100]       | (1557)       |
| Cypress | CY8C3244AXI-143 | (ISP)           | (138)        |
| Cypress | CY8C3244AXI-143 | [TQFP100]       | (1557)       |
| Cypress | CY8C3244AXI-146 | (ISP)           | (138)        |
| Cypress | CY8C3244AXI-146 | [TQFP100]       | (1557)       |
| Cypress | CY8C3244AXI-153 | (ISP-SWD)       | (138)        |
| Cypress | CY8C3244AXI-153 | [TQFP100]       | (1557)       |
| Cypress | CY8C3244AXI-159 | (ISP-SWD)       | (138) (9997) |
| Cypress | CY8C3244AXI-159 | [TQFP100]       | (1557)       |
| Cypress | CY8C3244LTI-123 | (ISP-SWD)       | (138) (9997) |
| Cypress | CY8C3244LTI-123 | [QFN48]         | (2606)       |
| Cypress | CY8C3244LTI-127 | (ISP-SWD)       | (138)        |
| Cypress | CY8C3244LTI-127 | [QFN68]         | (1459)       |
| Cypress | CY8C3244LTI-130 | (ISP)           | (138)        |
| Cypress | CY8C3244LTI-130 | [QFN68]         | (1459)       |
| Cypress | CY8C3244LTI-151 | (ISP-SWD)       | (138)        |
| Cypress | CY8C3244LTI-151 | [QFN68]         | (1459)       |
| Cypress | CY8C3244LTI-168 | (ISP-SWD)       | (138) (9997) |
| Cypress | CY8C3244LTI-168 | [QFN68]         | (1459)       |
| Cypress | CY8C3244PVA-133 | [SSOP48]        | (2611)       |
| Cypress | CY8C3244PVI-126 | (ISP-SWD)       | (138) (9997) |

|         |                 |           |              |
|---------|-----------------|-----------|--------------|
| Cypress | CY8C3244PVI-126 | [SSOP48]  | (2611)       |
| Cypress | CY8C3244PVI-133 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3244PVI-133 | [SSOP48]  | (2611)       |
| Cypress | CY8C3244PVI-155 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3244PVI-155 | [SSOP48]  | (2611)       |
| Cypress | CY8C3244PVI-165 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3244PVI-165 | [SSOP48]  | (2611)       |
| Cypress | CY8C3245AXA-158 | [TQFP100] | (1557)       |
| Cypress | CY8C3245AXA-166 | [TQFP100] | (1557)       |
| Cypress | CY8C3245AXI-148 | (ISP)     | (138)        |
| Cypress | CY8C3245AXI-148 | [TQFP100] | (1557)       |
| Cypress | CY8C3245AXI-154 | (ISP-SWD) | (138)        |
| Cypress | CY8C3245AXI-154 | [TQFP100] | (1557)       |
| Cypress | CY8C3245AXI-158 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3245AXI-158 | [TQFP100] | (1557)       |
| Cypress | CY8C3245AXI-166 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3245AXI-166 | [TQFP100] | (1557)       |
| Cypress | CY8C3245LTI-124 | (ISP)     | (138)        |
| Cypress | CY8C3245LTI-124 | [QFN68]   | (1459)       |
| Cypress | CY8C3245LTI-129 | (ISP)     | (138)        |
| Cypress | CY8C3245LTI-129 | [QFN68]   | (1459)       |
| Cypress | CY8C3245LTI-139 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3245LTI-139 | [QFN48]   | (2606)       |
| Cypress | CY8C3245LTI-142 | (ISP)     | (138)        |
| Cypress | CY8C3245LTI-142 | [QFN68]   | (1459)       |
| Cypress | CY8C3245LTI-144 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3245LTI-144 | [QFN48]   | (2606)       |
| Cypress | CY8C3245LTI-163 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3245LTI-163 | [QFN68]   | (1459)       |
| Cypress | CY8C3245PVA-134 | [SSOP48]  | (2611)       |
| Cypress | CY8C3245PVA-150 | [SSOP48]  | (2611)       |
| Cypress | CY8C3245PVE-134 | [SSOP48]  | (2611)       |
| Cypress | CY8C3245PVI-134 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3245PVI-134 | [SSOP48]  | (2611)       |
| Cypress | CY8C3245PVI-150 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3245PVI-150 | [SSOP48]  | (2611)       |
| Cypress | CY8C3245PVI-157 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3245PVI-157 | [SSOP48]  | (2611)       |
| Cypress | CY8C3245PVI-167 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3245PVI-167 | [SSOP48]  | (2611)       |
| Cypress | CY8C3246AXA-131 | [TQFP100] | (1557)       |
| Cypress | CY8C3246AXA-138 | [TQFP100] | (1557)       |
| Cypress | CY8C3246AXI-131 | (ISP)     | (138)        |
| Cypress | CY8C3246AXI-131 | [TQFP100] | (1557)       |
| Cypress | CY8C3246AXI-137 | (ISP)     | (138)        |
| Cypress | CY8C3246AXI-137 | [TQFP100] | (1557)       |
| Cypress | CY8C3246AXI-138 | (ISP)     | (138)        |
| Cypress | CY8C3246AXI-138 | [TQFP100] | (1557)       |
| Cypress | CY8C3246AXI-140 | (ISP)     | (138)        |
| Cypress | CY8C3246AXI-140 | [TQFP100] | (1557)       |
| Cypress | CY8C3246LTI-121 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3246LTI-121 | [QFN48]   | (2606)       |
| Cypress | CY8C3246LTI-125 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3246LTI-125 | [QFN48]   | (2606)       |
| Cypress | CY8C3246LTI-128 | (ISP)     | (138)        |
| Cypress | CY8C3246LTI-128 | [QFN68]   | (1459)       |
| Cypress | CY8C3246LTI-145 | (ISP)     | (138)        |
| Cypress | CY8C3246LTI-145 | [QFN68]   | (1459)       |
| Cypress | CY8C3246LTI-149 | (ISP)     | (138)        |
| Cypress | CY8C3246LTI-149 | [QFN68]   | (1459)       |
| Cypress | CY8C3246LTI-156 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3246LTI-156 | [QFN68]   | (1459)       |
| Cypress | CY8C3246LTI-162 | (ISP)     | (138)        |
| Cypress | CY8C3246LTI-162 | [QFN48]   | (2606)       |
| Cypress | CY8C3246PVA-122 | [SSOP48]  | (2611)       |
| Cypress | CY8C3246PVA-147 | [SSOP48]  | (2611)       |
| Cypress | CY8C3246PVE-147 | [SSOP48]  | (2611)       |
| Cypress | CY8C3246PVI-122 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3246PVI-122 | [SSOP48]  | (2611)       |
| Cypress | CY8C3246PVI-132 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3246PVI-132 | [SSOP48]  | (2611)       |
| Cypress | CY8C3246PVI-141 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3246PVI-141 | [SSOP48]  | (2611)       |
| Cypress | CY8C3246PVI-147 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3246PVI-147 | [SSOP48]  | (2611)       |
| Cypress | CY8C3444AXA-116 | [TQFP100] | (1557)       |
| Cypress | CY8C3444AXI-096 | (ISP)     | (138)        |
| Cypress | CY8C3444AXI-096 | [TQFP100] | (1557)       |
| Cypress | CY8C3444AXI-106 | (ISP)     | (138)        |
| Cypress | CY8C3444AXI-106 | [TQFP100] | (1557)       |
| Cypress | CY8C3444AXI-116 | (ISP)     | (138)        |
| Cypress | CY8C3444AXI-116 | [TQFP100] | (1557)       |
| Cypress | CY8C3444AXI-117 | (ISP)     | (138)        |
| Cypress | CY8C3444AXI-117 | [TQFP100] | (1557)       |
| Cypress | CY8C3444LTI-109 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3444LTI-109 | [QFN48]   | (2606)       |
| Cypress | CY8C3444LTI-110 | (ISP)     | (138)        |
| Cypress | CY8C3444LTI-110 | [QFN68]   | (1459)       |
| Cypress | CY8C3444LTI-111 | (ISP)     | (138)        |
| Cypress | CY8C3444LTI-111 | [QFN68]   | (1459)       |
| Cypress | CY8C3444LTI-112 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3444LTI-112 | [QFN48]   | (2606)       |
| Cypress | CY8C3444LTI-113 | (ISP)     | (138)        |
| Cypress | CY8C3444LTI-113 | [QFN68]   | (1459)       |
| Cypress | CY8C3444LTI-114 | (ISP)     | (138)        |
| Cypress | CY8C3444LTI-114 | [QFN68]   | (1459)       |
| Cypress | CY8C3444LTI-119 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3444LTI-119 | [QFN48]   | (2606)       |
| Cypress | CY8C3444LTI-120 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3444LTI-120 | [QFN48]   | (2606)       |
| Cypress | CY8C3444PVA-100 | [SSOP48]  | (2611)       |
| Cypress | CY8C3444PVE-118 | [SSOP48]  | (2611)       |
| Cypress | CY8C3444PVI-100 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3444PVI-100 | [SSOP48]  | (2611)       |
| Cypress | CY8C3444PVI-101 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3444PVI-101 | [SSOP48]  | (2611)       |
| Cypress | CY8C3444PVI-103 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3444PVI-103 | [SSOP48]  | (2611)       |
| Cypress | CY8C3444PVI-118 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3444PVI-118 | [SSOP48]  | (2611)       |
| Cypress | CY8C3445AXA-104 | [TQFP100] | (1557)       |
| Cypress | CY8C3445AXA-108 | [TQFP100] | (1557)       |
| Cypress | CY8C3445AXE-097 | [TQFP100] | (1557)       |
| Cypress | CY8C3445AXE-107 | [TQFP100] | (1557)       |
| Cypress | CY8C3445AXI-097 | (ISP)     | (138)        |
| Cypress | CY8C3445AXI-097 | [TQFP100] | (1557)       |
| Cypress | CY8C3445AXI-104 | (ISP)     | (138)        |
| Cypress | CY8C3445AXI-104 | [TQFP100] | (1557)       |
| Cypress | CY8C3445AXI-107 | (ISP)     | (138)        |
| Cypress | CY8C3445AXI-107 | [TQFP100] | (1557)       |
| Cypress | CY8C3445AXI-108 | (ISP)     | (138)        |
| Cypress | CY8C3445AXI-108 | [TQFP100] | (1557)       |
| Cypress | CY8C3445LTI-078 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3445LTI-078 | [QFN48]   | (2606)       |
| Cypress | CY8C3445LTI-079 | (ISP)     | (138)        |
| Cypress | CY8C3445LTI-079 | [QFN68]   | (1459)       |
| Cypress | CY8C3445LTI-081 | (ISP)     | (138)        |
| Cypress | CY8C3445LTI-081 | [QFN68]   | (1459)       |

|         |                 |           |              |
|---------|-----------------|-----------|--------------|
| Cypress | CY8C3445LTI-086 | (ISP)     | (138)        |
| Cypress | CY8C3445LTI-086 | [QFN68]   | (1459)       |
| Cypress | CY8C3445LTI-087 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3445LTI-087 | [QFN48]   | (2606)       |
| Cypress | CY8C3445LTI-089 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3445LTI-089 | [QFN48]   | (2606)       |
| Cypress | CY8C3445LTI-093 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3445LTI-093 | [QFN48]   | (2606)       |
| Cypress | CY8C3445LTI-095 | (ISP)     | (138)        |
| Cypress | CY8C3445LTI-095 | [QFN68]   | (1459)       |
| Cypress | CY8C3445PVA-090 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3445PVA-090 | [SSOP48]  | (2611)       |
| Cypress | CY8C3445PVA-094 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3445PVA-094 | [SSOP48]  | (2611)       |
| Cypress | CY8C3445PVI-077 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3445PVI-077 | [SSOP48]  | (2611)       |
| Cypress | CY8C3445PVI-088 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3445PVI-088 | [SSOP48]  | (2611)       |
| Cypress | CY8C3445PVI-090 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3445PVI-090 | [SSOP48]  | (2611)       |
| Cypress | CY8C3445PVI-094 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3445PVI-094 | [SSOP48]  | (2611)       |
| Cypress | CY8C3446AXA-099 | [TQFP100] | (1557)       |
| Cypress | CY8C3446AXA-105 | [TQFP100] | (1557)       |
| Cypress | CY8C3446AXE-099 | [TQFP100] | (1557)       |
| Cypress | CY8C3446AXE-115 | [TQFP100] | (1557)       |
| Cypress | CY8C3446AXI-098 | (ISP)     | (138)        |
| Cypress | CY8C3446AXI-098 | [TQFP100] | (1557)       |
| Cypress | CY8C3446AXI-099 | (ISP)     | (138)        |
| Cypress | CY8C3446AXI-099 | [TQFP100] | (1557)       |
| Cypress | CY8C3446AXI-105 | (ISP)     | (138)        |
| Cypress | CY8C3446AXI-105 | [TQFP100] | (1557)       |
| Cypress | CY8C3446AXI-115 | (ISP)     | (138)        |
| Cypress | CY8C3446AXI-115 | [TQFP100] | (1557)       |
| Cypress | CY8C3446LTI-071 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3446LTI-071 | [QFN48]   | (2606)       |
| Cypress | CY8C3446LTI-072 | (ISP)     | (138)        |
| Cypress | CY8C3446LTI-072 | [QFN68]   | (1459)       |
| Cypress | CY8C3446LTI-073 | (ISP)     | (138)        |
| Cypress | CY8C3446LTI-073 | [QFN48]   | (2606)       |
| Cypress | CY8C3446LTI-074 | (ISP)     | (138)        |
| Cypress | CY8C3446LTI-074 | [QFN68]   | (1459)       |
| Cypress | CY8C3446LTI-075 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3446LTI-075 | [QFN48]   | (2606)       |
| Cypress | CY8C3446LTI-083 | (ISP)     | (138)        |
| Cypress | CY8C3446LTI-083 | [QFN48]   | (2606)       |
| Cypress | CY8C3446LTI-084 | (ISP)     | (138)        |
| Cypress | CY8C3446LTI-084 | [QFN68]   | (1459)       |
| Cypress | CY8C3446LTI-085 | (ISP)     | (138)        |
| Cypress | CY8C3446LTI-085 | [QFN68]   | (1459)       |
| Cypress | CY8C3446PVA-076 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3446PVA-076 | [SSOP48]  | (2611)       |
| Cypress | CY8C3446PVA-091 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3446PVA-091 | [SSOP48]  | (2611)       |
| Cypress | CY8C3446PVA-102 | [SSOP48]  | (2611)       |
| Cypress | CY8C3446PVE-082 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3446PVE-082 | [SSOP48]  | (2611)       |
| Cypress | CY8C3446PVE-102 | [SSOP48]  | (2611)       |
| Cypress | CY8C3446PVI-076 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3446PVI-076 | [SSOP48]  | (2611)       |
| Cypress | CY8C3446PVI-082 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3446PVI-082 | [SSOP48]  | (2611)       |
| Cypress | CY8C3446PVI-091 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3446PVI-091 | [SSOP48]  | (2611)       |
| Cypress | CY8C3446PVI-092 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3446PVI-092 | [SSOP48]  | (2611)       |
| Cypress | CY8C3446PVI-102 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3446PVI-102 | [SSOP48]  | (2611)       |
| Cypress | CY8C3665AXA-010 | (ISP-SWD) | (138)        |
| Cypress | CY8C3665AXA-010 | [TQFP100] | (1557)       |
| Cypress | CY8C3665AXA-016 | (ISP-SWD) | (138)        |
| Cypress | CY8C3665AXA-016 | [TQFP100] | (1557)       |
| Cypress | CY8C3665AXI-010 | (ISP)     | (138)        |
| Cypress | CY8C3665AXI-010 | [TQFP100] | (1557)       |
| Cypress | CY8C3665AXI-013 | (ISP)     | (138)        |
| Cypress | CY8C3665AXI-013 | [TQFP100] | (1557)       |
| Cypress | CY8C3665AXI-016 | (ISP)     | (138)        |
| Cypress | CY8C3665AXI-016 | [TQFP100] | (1557)       |
| Cypress | CY8C3665AXI-017 | (ISP)     | (138)        |
| Cypress | CY8C3665AXI-017 | [TQFP100] | (1557)       |
| Cypress | CY8C3665AXI-198 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665AXI-198 | [TQFP100] | (1557)       |
| Cypress | CY8C3665LTI-001 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665LTI-001 | [QFN48]   | (2606)       |
| Cypress | CY8C3665LTI-002 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665LTI-002 | [QFN48]   | (2606)       |
| Cypress | CY8C3665LTI-004 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665LTI-004 | [QFN48]   | (2606)       |
| Cypress | CY8C3665LTI-006 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665LTI-006 | [QFN48]   | (2606)       |
| Cypress | CY8C3665LTI-009 | (ISP)     | (138)        |
| Cypress | CY8C3665LTI-009 | [QFN68]   | (1459)       |
| Cypress | CY8C3665LTI-043 | (ISP)     | (138)        |
| Cypress | CY8C3665LTI-043 | [QFN68]   | (1459)       |
| Cypress | CY8C3665LTI-044 | (ISP)     | (138)        |
| Cypress | CY8C3665LTI-044 | [QFN68]   | (1459)       |
| Cypress | CY8C3665LTI-048 | (ISP)     | (138)        |
| Cypress | CY8C3665LTI-048 | [QFN68]   | (1459)       |
| Cypress | CY8C3665LTI-199 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665LTI-199 | [QFN68]   | (1459)       |
| Cypress | CY8C3665PVA-007 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665PVA-007 | [SSOP48]  | (2611)       |
| Cypress | CY8C3665PVA-008 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665PVA-008 | [SSOP48]  | (2611)       |
| Cypress | CY8C3665PVA-080 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665PVA-080 | [SSOP48]  | (2611)       |
| Cypress | CY8C3665PVI-003 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665PVI-003 | [SSOP48]  | (2611)       |
| Cypress | CY8C3665PVI-007 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665PVI-007 | [SSOP48]  | (2611)       |
| Cypress | CY8C3665PVI-008 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665PVI-008 | [SSOP48]  | (2611)       |
| Cypress | CY8C3665PVI-049 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665PVI-049 | [SSOP48]  | (2611)       |
| Cypress | CY8C3665PVI-080 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3665PVI-080 | [SSOP48]  | (2611)       |
| Cypress | CY8C3666AXA-036 | (ISP-SWD) | (138)        |
| Cypress | CY8C3666AXA-036 | [TQFP100] | (1557)       |
| Cypress | CY8C3666AXA-037 | (ISP-SWD) | (138)        |
| Cypress | CY8C3666AXA-037 | [TQFP100] | (1557)       |
| Cypress | CY8C3666AXA-052 | (ISP-SWD) | (138)        |
| Cypress | CY8C3666AXA-052 | [TQFP100] | (1557)       |
| Cypress | CY8C3666AXI-031 | (ISP)     | (138)        |
| Cypress | CY8C3666AXI-031 | [TQFP100] | (1557)       |
| Cypress | CY8C3666AXI-034 | (ISP)     | (138)        |
| Cypress | CY8C3666AXI-034 | [TQFP100] | (1557)       |
| Cypress | CY8C3666AXI-036 | (ISP)     | (138)        |
| Cypress | CY8C3666AXI-036 | [TQFP100] | (1557)       |

|         |                 |           |              |
|---------|-----------------|-----------|--------------|
| Cypress | CY8C3666AXI-037 | (ISP)     | (138)        |
| Cypress | CY8C3666AXI-037 | [TQFP100] | (1557)       |
| Cypress | CY8C3666AXI-052 | (ISP)     | (138)        |
| Cypress | CY8C3666AXI-052 | [TQFP100] | (1557)       |
| Cypress | CY8C3666AXI-200 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666AXI-200 | [TQFP100] | (1557)       |
| Cypress | CY8C3666AXI-202 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666AXI-202 | [TQFP100] | (1557)       |
| Cypress | CY8C3666LTI-011 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666LTI-011 | [QFN48]   | (2606)       |
| Cypress | CY8C3666LTI-012 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666LTI-012 | [QFN48]   | (2606)       |
| Cypress | CY8C3666LTI-025 | (ISP)     | (138)        |
| Cypress | CY8C3666LTI-025 | [QFN68]   | (1459)       |
| Cypress | CY8C3666LTI-027 | (ISP)     | (138)        |
| Cypress | CY8C3666LTI-027 | [QFN68]   | (1459)       |
| Cypress | CY8C3666LTI-028 | (ISP)     | (138)        |
| Cypress | CY8C3666LTI-028 | [QFN68]   | (1459)       |
| Cypress | CY8C3666LTI-029 | (ISP)     | (138)        |
| Cypress | CY8C3666LTI-029 | [QFN68]   | (1459)       |
| Cypress | CY8C3666LTI-042 | (ISP)     | (138)        |
| Cypress | CY8C3666LTI-042 | [QFN68]   | (1459)       |
| Cypress | CY8C3666LTI-046 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666LTI-046 | [QFN48]   | (2606)       |
| Cypress | CY8C3666LTI-050 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666LTI-050 | [QFN48]   | (2606)       |
| Cypress | CY8C3666LTI-201 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666LTI-201 | [QFN68]   | (1459)       |
| Cypress | CY8C3666LTI-203 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666LTI-203 | [QFN68]   | (1459)       |
| Cypress | CY8C3666PVA-022 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666PVA-022 | [SSOP48]  | (2611)       |
| Cypress | CY8C3666PVA-026 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666PVA-026 | [SSOP48]  | (2611)       |
| Cypress | CY8C3666PVI-022 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666PVI-022 | [SSOP48]  | (2611)       |
| Cypress | CY8C3666PVI-026 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666PVI-026 | [SSOP48]  | (2611)       |
| Cypress | CY8C3666PVI-041 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666PVI-041 | [SSOP48]  | (2611)       |
| Cypress | CY8C3666PVI-057 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3666PVI-057 | [SSOP48]  | (2611)       |
| Cypress | CY8C3865AXA-018 | (ISP-SWD) | (138)        |
| Cypress | CY8C3865AXA-018 | [TQFP100] | (1557)       |
| Cypress | CY8C3865AXA-019 | (ISP-SWD) | (138)        |
| Cypress | CY8C3865AXA-019 | [TQFP100] | (1557)       |
| Cypress | CY8C3865AXI-015 | (ISP)     | (138)        |
| Cypress | CY8C3865AXI-015 | [TQFP100] | (1557)       |
| Cypress | CY8C3865AXI-018 | (ISP)     | (138)        |
| Cypress | CY8C3865AXI-018 | [TQFP100] | (1557)       |
| Cypress | CY8C3865AXI-019 | (ISP)     | (138)        |
| Cypress | CY8C3865AXI-019 | [TQFP100] | (1557)       |
| Cypress | CY8C3865AXI-056 | (ISP)     | (138)        |
| Cypress | CY8C3865AXI-056 | [TQFP100] | (1557)       |
| Cypress | CY8C3865AXI-204 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3865AXI-204 | [TQFP100] | (1557)       |
| Cypress | CY8C3865LTI-014 | (ISP)     | (138)        |
| Cypress | CY8C3865LTI-014 | [QFN68]   | (1459)       |
| Cypress | CY8C3865LTI-024 | (ISP)     | (138)        |
| Cypress | CY8C3865LTI-024 | [QFN68]   | (1459)       |
| Cypress | CY8C3865LTI-032 | (ISP)     | (138)        |
| Cypress | CY8C3865LTI-032 | [QFN68]   | (1459)       |
| Cypress | CY8C3865LTI-045 | (ISP)     | (138)        |
| Cypress | CY8C3865LTI-045 | [QFN68]   | (1459)       |
| Cypress | CY8C3865LTI-058 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3865LTI-058 | [QFN48]   | (2606)       |
| Cypress | CY8C3865LTI-059 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3865LTI-059 | [QFN48]   | (2606)       |
| Cypress | CY8C3865LTI-061 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3865LTI-061 | [QFN48]   | (2606)       |
| Cypress | CY8C3865LTI-062 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3865LTI-062 | [QFN48]   | (2606)       |
| Cypress | CY8C3865LTI-205 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3865LTI-205 | [QFN68]   | (1459)       |
| Cypress | CY8C3865PVA-060 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3865PVA-060 | [SSOP48]  | (2611)       |
| Cypress | CY8C3865PVA-063 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3865PVA-063 | [SSOP48]  | (2611)       |
| Cypress | CY8C3865PVI-051 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3865PVI-051 | [SSOP48]  | (2611)       |
| Cypress | CY8C3865PVI-053 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3865PVI-053 | [SSOP48]  | (2611)       |
| Cypress | CY8C3865PVI-060 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3865PVI-060 | [SSOP48]  | (2611)       |
| Cypress | CY8C3865PVI-063 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3865PVI-063 | [SSOP48]  | (2611)       |
| Cypress | CY8C3866AXA-035 | (ISP-SWD) | (138)        |
| Cypress | CY8C3866AXA-035 | [TQFP100] | (1557)       |
| Cypress | CY8C3866AXA-038 | (ISP-SWD) | (138)        |
| Cypress | CY8C3866AXA-038 | [TQFP100] | (1557)       |
| Cypress | CY8C3866AXA-039 | (ISP-SWD) | (138)        |
| Cypress | CY8C3866AXA-039 | [TQFP100] | (1557)       |
| Cypress | CY8C3866AXA-040 | (ISP-SWD) | (138)        |
| Cypress | CY8C3866AXA-040 | [TQFP100] | (1557)       |
| Cypress | CY8C3866AXA-055 | (ISP-SWD) | (138)        |
| Cypress | CY8C3866AXA-055 | [TQFP100] | (1557)       |
| Cypress | CY8C3866AXI-033 | (ISP)     | (138)        |
| Cypress | CY8C3866AXI-033 | [TQFP100] | (1557)       |
| Cypress | CY8C3866AXI-035 | (ISP)     | (138)        |
| Cypress | CY8C3866AXI-035 | [TQFP100] | (1557)       |
| Cypress | CY8C3866AXI-038 | (ISP)     | (138)        |
| Cypress | CY8C3866AXI-038 | [TQFP100] | (1557)       |
| Cypress | CY8C3866AXI-039 | (ISP)     | (138)        |
| Cypress | CY8C3866AXI-039 | [TQFP100] | (1557)       |
| Cypress | CY8C3866AXI-040 | (ISP)     | (138)        |
| Cypress | CY8C3866AXI-040 | [TQFP100] | (1557)       |
| Cypress | CY8C3866AXI-054 | (ISP)     | (138)        |
| Cypress | CY8C3866AXI-054 | [TQFP100] | (1557)       |
| Cypress | CY8C3866AXI-055 | (ISP)     | (138)        |
| Cypress | CY8C3866AXI-055 | [TQFP100] | (1557)       |
| Cypress | CY8C3866AXI-206 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866AXI-206 | [TQFP100] | (1557)       |
| Cypress | CY8C3866AXI-208 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866AXI-208 | [TQFP100] | (1557)       |
| Cypress | CY8C3866LTI-020 | (ISP)     | (138)        |
| Cypress | CY8C3866LTI-020 | [QFN68]   | (1459)       |
| Cypress | CY8C3866LTI-023 | (ISP)     | (138)        |
| Cypress | CY8C3866LTI-023 | [QFN68]   | (1459)       |
| Cypress | CY8C3866LTI-030 | (ISP)     | (138)        |
| Cypress | CY8C3866LTI-030 | [QFN68]   | (1459)       |
| Cypress | CY8C3866LTI-064 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866LTI-064 | [QFN48]   | (2606)       |
| Cypress | CY8C3866LTI-065 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866LTI-065 | [QFN48]   | (2606)       |
| Cypress | CY8C3866LTI-067 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866LTI-067 | [QFN48]   | (2606)       |
| Cypress | CY8C3866LTI-068 | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866LTI-068 | [QFN48]   | (2606)       |

|         |                   |           |              |
|---------|-------------------|-----------|--------------|
| Cypress | CY8C3866LTI-207   | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866LTI-207   | [QFN68]   | (1459)       |
| Cypress | CY8C3866LTI-209   | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866LTI-209   | [QFN68]   | (1459)       |
| Cypress | CY8C3866PVA-005   | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866PVA-005   | [SSOP48]  | (2611)       |
| Cypress | CY8C3866PVA-021   | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866PVA-021   | [SSOP48]  | (2611)       |
| Cypress | CY8C3866PVA-047   | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866PVA-047   | [SSOP48]  | (2611)       |
| Cypress | CY8C3866PVA-070   | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866PVA-070   | [SSOP48]  | (2611)       |
| Cypress | CY8C3866PVI-005   | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866PVI-005   | [SSOP48]  | (2611)       |
| Cypress | CY8C3866PVI-021   | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866PVI-021   | [SSOP48]  | (2611)       |
| Cypress | CY8C3866PVI-047   | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866PVI-047   | [SSOP48]  | (2611)       |
| Cypress | CY8C3866PVI-066   | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866PVI-066   | [SSOP48]  | (2611)       |
| Cypress | CY8C3866PVI-069   | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866PVI-069   | [SSOP48]  | (2611)       |
| Cypress | CY8C3866PVI-070   | (ISP-SWD) | (138) (9997) |
| Cypress | CY8C3866PVI-070   | [SSOP48]  | (2611)       |
| Cypress | CY8C4013LQI-411   | [QFN16]   | (3224)       |
| Cypress | CY8C4013SXI-400   | [SOIC8]   | (3226)       |
| Cypress | CY8C4013SXI-410   | [SOIC8]   | (3226)       |
| Cypress | CY8C4013SXI-411   | [SOIC16]  | (3225)       |
| Cypress | CY8C4014LQA-422   | (ISP)     | (138) (9997) |
| Cypress | CY8C4014LQA-422   | [QFN24]   | (3223)       |
| Cypress | CY8C4014LQI-412   | (ISP)     | (138) (9997) |
| Cypress | CY8C4014LQI-412   | [QFN24]   | (3223)       |
| Cypress | CY8C4014LQI-421   | [QFN16]   | (3224)       |
| Cypress | CY8C4014LQI-422   | (ISP)     | (138) (9997) |
| Cypress | CY8C4014LQI-422   | [QFN24]   | (3223)       |
| Cypress | CY8C4014LQI-SLT1  | [QFN16]   | (3224)       |
| Cypress | CY8C4014LQI-SLT2  | (ISP)     | (138) (9997) |
| Cypress | CY8C4014LQI-SLT2  | [QFN24]   | (3223)       |
| Cypress | CY8C4014LQS-422   | (ISP)     | (138) (9997) |
| Cypress | CY8C4014LQS-422   | [QFN24]   | (3223)       |
| Cypress | CY8C4014PVI-412   | (ISP)     | (138) (9997) |
| Cypress | CY8C4014PVI-412   | [SSOP28]  | (2942)       |
| Cypress | CY8C4014PVI-422   | (ISP)     | (138) (9997) |
| Cypress | CY8C4014PVI-422   | [SSOP28]  | (2942)       |
| Cypress | CY8C4014SXA-421   | [SOIC16]  | (3225)       |
| Cypress | CY8C4014SXI-411   | [SOIC16]  | (3225)       |
| Cypress | CY8C4014SXI-420   | [SOIC8]   | (3226)       |
| Cypress | CY8C4014SXI-421   | [SOIC16]  | (3225)       |
| Cypress | CY8C4014SXS-421   | [SOIC16]  | (3225)       |
| Cypress | CY8C4024AXI-S402  | [TQFP32]  | (5016)       |
| Cypress | CY8C4024AXI-S412  | [TQFP32]  | (5016)       |
| Cypress | CY8C4024AZI-S403  | (ISP)     | (138) (9997) |
| Cypress | CY8C4024AZI-S403  | [TQFP48]  | (4220)       |
| Cypress | CY8C4024AZI-S413  | (ISP)     | (138) (9997) |
| Cypress | CY8C4024AZI-S413  | [TQFP48]  | (4220)       |
| Cypress | CY8C4024LQI-S401  | (ISP)     | (138) (9997) |
| Cypress | CY8C4024LQI-S401  | [QFN24]   | (4624)       |
| Cypress | CY8C4024LQI-S402  | (ISP)     | (138) (9997) |
| Cypress | CY8C4024LQI-S402  | [QFN32]   | (3882)       |
| Cypress | CY8C4024LQI-S403  | (ISP)     | (138) (9997) |
| Cypress | CY8C4024LQI-S403  | [QFN40]   | (2941)       |
| Cypress | CY8C4024LQI-S411  | (ISP)     | (138) (9997) |
| Cypress | CY8C4024LQI-S411  | [QFN24]   | (4624)       |
| Cypress | CY8C4024LQI-S412  | (ISP)     | (138) (9997) |
| Cypress | CY8C4024LQI-S412  | [QFN32]   | (3882)       |
| Cypress | CY8C4024LQI-S413  | (ISP)     | (138) (9997) |
| Cypress | CY8C4024LQI-S413  | [QFN40]   | (2941)       |
| Cypress | CY8C4025AXI-S402  | [TQFP32]  | (5016)       |
| Cypress | CY8C4025AXI-S412  | [TQFP32]  | (5016)       |
| Cypress | CY8C4025AZI-S403  | (ISP)     | (138) (9997) |
| Cypress | CY8C4025AZI-S403  | [TQFP48]  | (4220)       |
| Cypress | CY8C4025AZI-S413  | (ISP)     | (138) (9997) |
| Cypress | CY8C4025AZI-S413  | [TQFP48]  | (4220)       |
| Cypress | CY8C4025LQI-S401  | (ISP)     | (138) (9997) |
| Cypress | CY8C4025LQI-S401  | [QFN24]   | (4624)       |
| Cypress | CY8C4025LQI-S402  | (ISP)     | (138) (9997) |
| Cypress | CY8C4025LQI-S402  | [QFN32]   | (3882)       |
| Cypress | CY8C4025LQI-S411  | (ISP)     | (138) (9997) |
| Cypress | CY8C4025LQI-S411  | [QFN24]   | (4624)       |
| Cypress | CY8C4025LQI-S412  | (ISP)     | (138) (9997) |
| Cypress | CY8C4025LQI-S412  | [QFN32]   | (3882)       |
| Cypress | CY8C4045AXI-S412  | [TQFP32]  | (5016)       |
| Cypress | CY8C4045AZI-S413  | (ISP)     | (138) (9997) |
| Cypress | CY8C4045AZI-S413  | [TQFP48]  | (4220)       |
| Cypress | CY8C4045LQI-S411  | (ISP)     | (138) (9997) |
| Cypress | CY8C4045LQI-S411  | [QFN24]   | (4624)       |
| Cypress | CY8C4045LQI-S412  | (ISP)     | (138) (9997) |
| Cypress | CY8C4045LQI-S412  | [QFN32]   | (3882)       |
| Cypress | CY8C4045PVI-D5402 | (ISP)     | (138) (9997) |
| Cypress | CY8C4045PVI-D5402 | [SSOP28]  | (2942)       |
| Cypress | CY8C4124AXI-443   | (ISP)     | (138) (9997) |
| Cypress | CY8C4124AXI-443   | [QFP44]   | (2940)       |
| Cypress | CY8C4124AZI-443   | (ISP)     | (138) (9997) |
| Cypress | CY8C4124AZI-443   | [TQFP48]  | (4220)       |
| Cypress | CY8C4124AZI-S413  | (ISP)     | (138) (9997) |
| Cypress | CY8C4124AZI-S413  | [TQFP48]  | (4220)       |
| Cypress | CY8C4124AZI-S433  | (ISP)     | (138) (9997) |
| Cypress | CY8C4124AZI-S433  | [TQFP48]  | (4220)       |
| Cypress | CY8C4124LQI-443   | (ISP)     | (138) (9997) |
| Cypress | CY8C4124LQI-443   | [QFN40]   | (2941)       |
| Cypress | CY8C4124LQI-S412  | (ISP)     | (138) (9997) |
| Cypress | CY8C4124LQI-S412  | [QFN32]   | (3882)       |
| Cypress | CY8C4124LQI-S413  | (ISP)     | (138) (9997) |
| Cypress | CY8C4124LQI-S413  | [QFN40]   | (2941)       |
| Cypress | CY8C4124LQI-S432  | (ISP)     | (138) (9997) |
| Cypress | CY8C4124LQI-S432  | [QFN32]   | (3882)       |
| Cypress | CY8C4124LQI-S433  | (ISP)     | (138) (9997) |
| Cypress | CY8C4124LQI-S433  | [QFN40]   | (2941)       |
| Cypress | CY8C4124PVA-442   | (ISP)     | (138) (9997) |
| Cypress | CY8C4124PVA-442   | [SSOP28]  | (2942)       |
| Cypress | CY8C4124PVI-432   | (ISP)     | (138) (9997) |
| Cypress | CY8C4124PVI-432   | [SSOP28]  | (2942)       |
| Cypress | CY8C4124PVI-442   | (ISP)     | (138) (9997) |
| Cypress | CY8C4124PVI-442   | [SSOP28]  | (2942)       |
| Cypress | CY8C4124PVS-442   | (ISP)     | (138) (9997) |
| Cypress | CY8C4124PVS-442   | [SSOP28]  | (2942)       |
| Cypress | CY8C4125AXI-473   | (ISP)     | (138) (9997) |
| Cypress | CY8C4125AXI-473   | [QFP44]   | (2940)       |
| Cypress | CY8C4125AXI-483   | (ISP)     | (138) (9997) |
| Cypress | CY8C4125AXI-483   | [QFP44]   | (2940)       |
| Cypress | CY8C4125AXI-M445  | (ISP)     | (138) (9997) |
| Cypress | CY8C4125AXI-M445  | [TQFP64]  | (4591)       |
| Cypress | CY8C4125AXI-S423  | (ISP)     | (138) (9997) |
| Cypress | CY8C4125AXI-S423  | [TQFP44]  | (2940)       |
| Cypress | CY8C4125AXI-S433  | (ISP)     | (138) (9997) |
| Cypress | CY8C4125AXI-S433  | [TQFP44]  | (2940)       |
| Cypress | CY8C4125AZA-M443  | (ISP)     | (138) (9997) |
| Cypress | CY8C4125AZA-M443  | [TQFP48]  | (4220)       |

|         |                   |          |              |
|---------|-------------------|----------|--------------|
| Cypress | CY8C4125AZA-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125AZA-M445  | [TQFP64] | (3708)       |
| Cypress | CY8C4125AZI-473   | (ISP)    | (138) (9997) |
| Cypress | CY8C4125AZI-473   | [TQFP48] | (4220)       |
| Cypress | CY8C4125AZI-483   | (ISP)    | (138) (9997) |
| Cypress | CY8C4125AZI-483   | [TQFP48] | (4220)       |
| Cypress | CY8C4125AZI-M433  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125AZI-M433  | [TQFP48] | (4220)       |
| Cypress | CY8C4125AZI-M443  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125AZI-M443  | [TQFP48] | (4220)       |
| Cypress | CY8C4125AZI-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125AZI-M445  | [TQFP64] | (3708)       |
| Cypress | CY8C4125AZI-PS423 | (ISP)    | (138) (9997) |
| Cypress | CY8C4125AZI-PS423 | [TQFP48] | (4809)       |
| Cypress | CY8C4125AZI-S413  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125AZI-S413  | [TQFP48] | (4220)       |
| Cypress | CY8C4125AZI-S423  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125AZI-S423  | [TQFP48] | (4220)       |
| Cypress | CY8C4125AZI-S433  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125AZI-S433  | [TQFP48] | (4220)       |
| Cypress | CY8C4125AZS-M443  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125AZS-M443  | [TQFP48] | (4220)       |
| Cypress | CY8C4125AZS-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125AZS-M445  | [TQFP64] | (3708)       |
| Cypress | CY8C4125LQI-483   | (ISP)    | (138) (9997) |
| Cypress | CY8C4125LQI-483   | [QFN40]  | (2941)       |
| Cypress | CY8C4125LQI-PS423 | (ISP)    | (138) (9997) |
| Cypress | CY8C4125LQI-PS423 | [QFN48]  | (4808)       |
| Cypress | CY8C4125LQI-S412  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125LQI-S412  | [QFN32]  | (3882)       |
| Cypress | CY8C4125LQI-S413  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125LQI-S413  | [QFN40]  | (2941)       |
| Cypress | CY8C4125LQI-S422  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125LQI-S422  | [QFN32]  | (3882)       |
| Cypress | CY8C4125LQI-S423  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125LQI-S423  | [QFN40]  | (2941)       |
| Cypress | CY8C4125LQI-S432  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125LQI-S432  | [QFN32]  | (3882)       |
| Cypress | CY8C4125LQI-S433  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125LQI-S433  | [QFN40]  | (2941)       |
| Cypress | CY8C4125LTI-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4125LTI-M445  | [QFN68]  | (3761)       |
| Cypress | CY8C4125PVA-482   | (ISP)    | (138) (9997) |
| Cypress | CY8C4125PVA-482   | [SSOP28] | (2942)       |
| Cypress | CY8C4125PVI-482   | (ISP)    | (138) (9997) |
| Cypress | CY8C4125PVI-482   | [SSOP28] | (2942)       |
| Cypress | CY8C4125PVS-482   | (ISP)    | (138) (9997) |
| Cypress | CY8C4125PVS-482   | [SSOP28] | (2942)       |
| Cypress | CY8C4126AXI-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AXI-M445  | [TQFP64] | (4591)       |
| Cypress | CY8C4126AXI-S423  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AXI-S423  | [TQFP44] | (2940)       |
| Cypress | CY8C4126AXI-S433  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AXI-S433  | [TQFP44] | (2940)       |
| Cypress | CY8C4126AXI-S443  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AXI-S443  | [QFP44]  | (2940)       |
| Cypress | CY8C4126AXQ-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AXQ-M445  | [TQFP64] | (4591)       |
| Cypress | CY8C4126AZA-M443  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AZA-M443  | [TQFP48] | (4220)       |
| Cypress | CY8C4126AZA-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AZA-M445  | [TQFP64] | (3708)       |
| Cypress | CY8C4126AZI-M443  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AZI-M443  | [TQFP48] | (4220)       |
| Cypress | CY8C4126AZI-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AZI-M445  | [TQFP64] | (3708)       |
| Cypress | CY8C4126AZI-M475  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AZI-M475  | [TQFP64] | (3708)       |
| Cypress | CY8C4126AZI-S423  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AZI-S423  | [TQFP48] | (4220)       |
| Cypress | CY8C4126AZI-S433  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AZI-S433  | [TQFP48] | (4220)       |
| Cypress | CY8C4126AZI-S445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AZI-S445  | [TQFP64] | (3708)       |
| Cypress | CY8C4126AZI-S455  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AZI-S455  | [TQFP64] | (3708)       |
| Cypress | CY8C4126AZQ-M443  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AZQ-M443  | [TQFP48] | (4220)       |
| Cypress | CY8C4126AZQ-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AZQ-M445  | [TQFP64] | (3708)       |
| Cypress | CY8C4126AZS-M443  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AZS-M443  | [TQFP48] | (4220)       |
| Cypress | CY8C4126AZS-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126AZS-M445  | [TQFP64] | (3708)       |
| Cypress | CY8C4126LTI-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126LTI-M445  | [QFN68]  | (3761)       |
| Cypress | CY8C4126LTI-M475  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126LTI-M475  | [QFN68]  | (3761)       |
| Cypress | CY8C4126LTQ-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4126LTQ-M445  | [QFN68]  | (3761)       |
| Cypress | CY8C4127AXI-M485  | (ISP)    | (138) (9997) |
| Cypress | CY8C4127AXI-M485  | [TQFP64] | (4591)       |
| Cypress | CY8C4127AXI-S443  | (ISP)    | (138) (9997) |
| Cypress | CY8C4127AXI-S443  | [QFP44]  | (2940)       |
| Cypress | CY8C4127AXI-S453  | (ISP)    | (138) (9997) |
| Cypress | CY8C4127AXI-S453  | [QFP44]  | (2940)       |
| Cypress | CY8C4127AXQ-M485  | (ISP)    | (138) (9997) |
| Cypress | CY8C4127AXQ-M485  | [TQFP64] | (4591)       |
| Cypress | CY8C4127AZA-M485  | (ISP)    | (138) (9997) |
| Cypress | CY8C4127AZA-M485  | [TQFP64] | (3708)       |
| Cypress | CY8C4127AZI-M475  | (ISP)    | (138) (9997) |
| Cypress | CY8C4127AZI-M475  | [TQFP64] | (3708)       |
| Cypress | CY8C4127AZI-M485  | (ISP)    | (138) (9997) |
| Cypress | CY8C4127AZI-M485  | [TQFP64] | (3708)       |
| Cypress | CY8C4127AZI-S445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4127AZI-S445  | [TQFP64] | (3708)       |
| Cypress | CY8C4127AZI-S455  | (ISP)    | (138) (9997) |
| Cypress | CY8C4127AZI-S455  | [TQFP64] | (3708)       |
| Cypress | CY8C4127AZQ-M485  | (ISP)    | (138) (9997) |
| Cypress | CY8C4127AZQ-M485  | [TQFP64] | (3708)       |
| Cypress | CY8C4127AZS-M485  | (ISP)    | (138) (9997) |
| Cypress | CY8C4127AZS-M485  | [TQFP64] | (3708)       |
| Cypress | CY8C4127LQI-BL453 | (ISP)    | (138) (9997) |
| Cypress | CY8C4127LQI-BL453 | [QFN56]  | (3606)       |
| Cypress | CY8C4127LQI-BL473 | (ISP)    | (138) (9997) |
| Cypress | CY8C4127LQI-BL473 | [QFN56]  | (3606)       |
| Cypress | CY8C4127LQI-BL483 | (ISP)    | (138) (9997) |
| Cypress | CY8C4127LQI-BL483 | [QFN56]  | (3606)       |
| Cypress | CY8C4127LQI-BL493 | (ISP)    | (138) (9997) |
| Cypress | CY8C4127LQI-BL493 | [QFN56]  | (3606)       |
| Cypress | CY8C4127LTI-M475  | (ISP)    | (138) (9997) |
| Cypress | CY8C4127LTI-M475  | [QFN68]  | (3761)       |
| Cypress | CY8C4127LTQ-M475  | (ISP)    | (138) (9997) |
| Cypress | CY8C4127LTQ-M475  | [QFN68]  | (3761)       |
| Cypress | CY8C4128LQI-BL443 | (ISP)    | (138) (9997) |
| Cypress | CY8C4128LQI-BL443 | [QFN56]  | (3606)       |
| Cypress | CY8C4128LQI-BL453 | (ISP)    | (138) (9997) |
| Cypress | CY8C4128LQI-BL453 | [QFN56]  | (3606)       |

|         |                   |          |              |
|---------|-------------------|----------|--------------|
| Cypress | CY8C4128LQI-BL473 | (ISP)    | (138) (9997) |
| Cypress | CY8C4128LQI-BL473 | [QFN56]  | (3606)       |
| Cypress | CY8C4128LQI-BL483 | (ISP)    | (138) (9997) |
| Cypress | CY8C4128LQI-BL483 | [QFN56]  | (3606)       |
| Cypress | CY8C4128LQI-BL493 | (ISP)    | (138) (9997) |
| Cypress | CY8C4128LQI-BL493 | [QFN56]  | (3606)       |
| Cypress | CY8C4128LQI-BL543 | (ISP)    | (138) (9997) |
| Cypress | CY8C4128LQI-BL543 | [QFN56]  | (3606)       |
| Cypress | CY8C4128LQI-BL553 | (ISP)    | (138) (9997) |
| Cypress | CY8C4128LQI-BL553 | [QFN56]  | (3606)       |
| Cypress | CY8C4128LQI-BL563 | (ISP)    | (138) (9997) |
| Cypress | CY8C4128LQI-BL563 | [QFN56]  | (3606)       |
| Cypress | CY8C4128LQI-BL573 | (ISP)    | (138) (9997) |
| Cypress | CY8C4128LQI-BL573 | [QFN56]  | (3606)       |
| Cypress | CY8C4128LQI-BL583 | (ISP)    | (138) (9997) |
| Cypress | CY8C4128LQI-BL583 | [QFN56]  | (3606)       |
| Cypress | CY8C4128LQI-BL593 | (ISP)    | (138) (9997) |
| Cypress | CY8C4128LQI-BL593 | [QFN56]  | (3606)       |
| Cypress | CY8C4145AXI-S423  | (ISP)    | (138) (9997) |
| Cypress | CY8C4145AXI-S423  | [TQFP44] | (2940)       |
| Cypress | CY8C4145AXI-S433  | (ISP)    | (138) (9997) |
| Cypress | CY8C4145AXI-S433  | [TQFP44] | (2940)       |
| Cypress | CY8C4145AZI-PS423 | (ISP)    | (138) (9997) |
| Cypress | CY8C4145AZI-PS423 | [TQFP48] | (4809)       |
| Cypress | CY8C4145AZI-PS433 | (ISP)    | (138) (9997) |
| Cypress | CY8C4145AZI-PS433 | [TQFP48] | (4809)       |
| Cypress | CY8C4145AZI-S423  | (ISP)    | (138) (9997) |
| Cypress | CY8C4145AZI-S423  | [TQFP48] | (4220)       |
| Cypress | CY8C4145LQI-PS423 | (ISP)    | (138) (9997) |
| Cypress | CY8C4145LQI-PS423 | [QFN48]  | (4808)       |
| Cypress | CY8C4145LQI-PS433 | (ISP)    | (138) (9997) |
| Cypress | CY8C4145LQI-PS433 | [QFN48]  | (4808)       |
| Cypress | CY8C4146AXI-S423  | (ISP)    | (138) (9997) |
| Cypress | CY8C4146AXI-S423  | [TQFP44] | (2940)       |
| Cypress | CY8C4146AXI-S433  | (ISP)    | (138) (9997) |
| Cypress | CY8C4146AXI-S433  | [TQFP44] | (2940)       |
| Cypress | CY8C4146AXI-S443  | (ISP)    | (138) (9997) |
| Cypress | CY8C4146AXI-S443  | [QFP44]  | (2940)       |
| Cypress | CY8C4146AXI-S453  | (ISP)    | (138) (9997) |
| Cypress | CY8C4146AXI-S453  | [QFP44]  | (2940)       |
| Cypress | CY8C4146AZI-S423  | (ISP)    | (138) (9997) |
| Cypress | CY8C4146AZI-S423  | [TQFP48] | (4220)       |
| Cypress | CY8C4146AZI-S433  | (ISP)    | (138) (9997) |
| Cypress | CY8C4146AZI-S433  | [TQFP48] | (4220)       |
| Cypress | CY8C4146AZI-S445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4146AZI-S445  | [TQFP64] | (3708)       |
| Cypress | CY8C4146AZI-S455  | (ISP)    | (138) (9997) |
| Cypress | CY8C4146AZI-S455  | [TQFP64] | (3708)       |
| Cypress | CY8C4146LQI-S422  | (ISP)    | (138) (9997) |
| Cypress | CY8C4146LQI-S422  | [QFN32]  | (3882)       |
| Cypress | CY8C4146LQI-S423  | (ISP)    | (138) (9997) |
| Cypress | CY8C4146LQI-S423  | [QFN40]  | (2941)       |
| Cypress | CY8C4146LQI-S432  | (ISP)    | (138) (9997) |
| Cypress | CY8C4146LQI-S432  | [QFN32]  | (3882)       |
| Cypress | CY8C4146LQI-S433  | (ISP)    | (138) (9997) |
| Cypress | CY8C4146LQI-S433  | [QFN40]  | (2941)       |
| Cypress | CY8C4146LQI-S433  | [QFN40]  | (2941)       |
| Cypress | CY8C4147AXI-S443  | (ISP)    | (138) (9997) |
| Cypress | CY8C4147AXI-S443  | [QFP44]  | (2940)       |
| Cypress | CY8C4147AXI-S453  | (ISP)    | (138) (9997) |
| Cypress | CY8C4147AXI-S453  | [QFP44]  | (2940)       |
| Cypress | CY8C4147AZI-S445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4147AZI-S445  | [TQFP64] | (3708)       |
| Cypress | CY8C4147AZI-S455  | (ISP)    | (138) (9997) |
| Cypress | CY8C4147AZI-S455  | [TQFP64] | (3708)       |
| Cypress | CY8C4147AZI-S465  | (ISP)    | (138) (9997) |
| Cypress | CY8C4147AZI-S465  | [TQFP64] | (3708)       |
| Cypress | CY8C4147AZI-S475  | (ISP)    | (138) (9997) |
| Cypress | CY8C4147AZI-S475  | [TQFP64] | (3708)       |
| Cypress | CY8C4244AXI-021   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244AXI-021   | [QFP44]  | (2940)       |
| Cypress | CY8C4244AXI-034   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244AXI-034   | [QFP44]  | (2940)       |
| Cypress | CY8C4244AXI-443   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244AXI-443   | [QFP44]  | (2940)       |
| Cypress | CY8C4244AZI-443   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244AZI-443   | [TQFP48] | (4220)       |
| Cypress | CY8C4244LQI-007   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244LQI-007   | [QFN40]  | (2941)       |
| Cypress | CY8C4244LQI-008   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244LQI-008   | [QFN40]  | (2941)       |
| Cypress | CY8C4244LQI-443   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244LQI-443   | [QFN40]  | (2941)       |
| Cypress | CY8C4244PVA-442   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244PVA-442   | [SSOP28] | (2942)       |
| Cypress | CY8C4244PVI-004   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244PVI-004   | [SSOP28] | (2942)       |
| Cypress | CY8C4244PVI-013   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244PVI-013   | [SSOP28] | (2942)       |
| Cypress | CY8C4244PVI-015   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244PVI-015   | [SSOP28] | (2942)       |
| Cypress | CY8C4244PVI-432   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244PVI-432   | [SSOP28] | (2942)       |
| Cypress | CY8C4244PVI-442   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244PVI-442   | [SSOP28] | (2942)       |
| Cypress | CY8C4244PVS-442   | (ISP)    | (138) (9997) |
| Cypress | CY8C4244PVS-442   | [SSOP28] | (2942)       |
| Cypress | CY8C4245AXI-018   | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AXI-018   | [QFP44]  | (2940)       |
| Cypress | CY8C4245AXI-025   | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AXI-025   | [QFP44]  | (2940)       |
| Cypress | CY8C4245AXI-028   | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AXI-028   | [QFP44]  | (2940)       |
| Cypress | CY8C4245AXI-473   | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AXI-473   | [QFP44]  | (2940)       |
| Cypress | CY8C4245AXI-483   | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AXI-483   | [QFP44]  | (2940)       |
| Cypress | CY8C4245AXI-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AXI-M445  | [TQFP64] | (4591)       |
| Cypress | CY8C4245AZA-M443  | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AZA-M443  | [TQFP48] | (4220)       |
| Cypress | CY8C4245AZA-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AZA-M445  | [TQFP64] | (3708)       |
| Cypress | CY8C4245AZI-473   | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AZI-473   | [TQFP48] | (4220)       |
| Cypress | CY8C4245AZI-483   | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AZI-483   | [TQFP48] | (4220)       |
| Cypress | CY8C4245AZI-M433  | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AZI-M433  | [TQFP48] | (4220)       |
| Cypress | CY8C4245AZI-M443  | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AZI-M443  | [TQFP48] | (4220)       |
| Cypress | CY8C4245AZI-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AZI-M445  | [TQFP64] | (3708)       |
| Cypress | CY8C4245AZS-M443  | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AZS-M443  | [TQFP48] | (4220)       |
| Cypress | CY8C4245AZS-M445  | (ISP)    | (138) (9997) |
| Cypress | CY8C4245AZS-M445  | [TQFP64] | (3708)       |
| Cypress | CY8C4245LQI-005   | (ISP)    | (138) (9997) |

|         |                   |            |              |
|---------|-------------------|------------|--------------|
| Cypress | CY8C4245LQI-005   | [QFN40]    | (2941)       |
| Cypress | CY8C4245LQI-017   | (ISP)      | (138) (9997) |
| Cypress | CY8C4245LQI-017   | [QFN40]    | (2941)       |
| Cypress | CY8C4245LQI-483   | (ISP)      | (138) (9997) |
| Cypress | CY8C4245LQI-483   | [QFN40]    | (2941)       |
| Cypress | CY8C4245LTI-DM405 | (ISP)      | (138) (9997) |
| Cypress | CY8C4245LTI-DM405 | [QFN68]    | (3761)       |
| Cypress | CY8C4245LTI-M445  | (ISP)      | (138) (9997) |
| Cypress | CY8C4245LTI-M445  | [QFN68]    | (3761)       |
| Cypress | CY8C4245PVA-482   | (ISP)      | (138) (9997) |
| Cypress | CY8C4245PVA-482   | [SSOP28]   | (2942)       |
| Cypress | CY8C4245PVI-009   | (ISP)      | (138) (9997) |
| Cypress | CY8C4245PVI-009   | [SSOP28]   | (2942)       |
| Cypress | CY8C4245PVI-011   | (ISP)      | (138) (9997) |
| Cypress | CY8C4245PVI-011   | [SSOP28]   | (2942)       |
| Cypress | CY8C4245PVI-482   | (ISP)      | (138) (9997) |
| Cypress | CY8C4245PVI-482   | [SSOP28]   | (2942)       |
| Cypress | CY8C4245PVI-DS402 | (ISP)      | (138) (9997) |
| Cypress | CY8C4245PVI-DS402 | [SSOP28]   | (2942)       |
| Cypress | CY8C4245PVS-482   | (ISP)      | (138) (9997) |
| Cypress | CY8C4245PVS-482   | [SSOP28]   | (2942)       |
| Cypress | CY8C4246AXI-M445  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AXI-M445  | [TQFP64]   | (4591)       |
| Cypress | CY8C4246AXQ-M445  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AXQ-M445  | [TQFP64]   | (4591)       |
| Cypress | CY8C4246AZA-M443  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AZA-M443  | [TQFP48]   | (4220)       |
| Cypress | CY8C4246AZA-M445  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AZA-M445  | [TQFP64]   | (3708)       |
| Cypress | CY8C4246AZI-L423  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AZI-L423  | [TQFP48]   | (4220)       |
| Cypress | CY8C4246AZI-L433  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AZI-L433  | [TQFP48]   | (4220)       |
| Cypress | CY8C4246AZI-L435  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AZI-L435  | [TQFP64]   | (3708)       |
| Cypress | CY8C4246AZI-L445  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AZI-L445  | [TQFP64]   | (3708)       |
| Cypress | CY8C4246AZI-M443  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AZI-M443  | [TQFP48]   | (4220)       |
| Cypress | CY8C4246AZI-M445  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AZI-M445  | [TQFP64]   | (3708)       |
| Cypress | CY8C4246AZI-M475  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AZI-M475  | [TQFP64]   | (3708)       |
| Cypress | CY8C4246AZQ-M443  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AZQ-M443  | [TQFP48]   | (4220)       |
| Cypress | CY8C4246AZQ-M445  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AZQ-M445  | [TQFP64]   | (3708)       |
| Cypress | CY8C4246AZS-M443  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AZS-M443  | [TQFP48]   | (4220)       |
| Cypress | CY8C4246AZS-M445  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246AZS-M445  | [TQFP64]   | (3708)       |
| Cypress | CY8C4246LTI-DM405 | (ISP)      | (138) (9997) |
| Cypress | CY8C4246LTI-DM405 | [QFN68]    | (3761)       |
| Cypress | CY8C4246LTI-L445  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246LTI-L445  | [QFN68]    | (3761)       |
| Cypress | CY8C4246LTI-M445  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246LTI-M445  | [QFN68]    | (3761)       |
| Cypress | CY8C4246LTI-M475  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246LTI-M475  | [QFN68]    | (3761)       |
| Cypress | CY8C4246LTQ-M445  | (ISP)      | (138) (9997) |
| Cypress | CY8C4246LTQ-M445  | [QFN68]    | (3761)       |
| Cypress | CY8C4246PVI-DS402 | (ISP)      | (138) (9997) |
| Cypress | CY8C4246PVI-DS402 | [SSOP28]   | (2942)       |
| Cypress | CY8C4247AXI-M485  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AXI-M485  | [TQFP64]   | (4591)       |
| Cypress | CY8C4247AXQ-M485  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AXQ-M485  | [TQFP64]   | (4591)       |
| Cypress | CY8C4247AZA-M475  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZA-M475  | [TQFP64]   | (3708)       |
| Cypress | CY8C4247AZA-M483  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZA-M483  | [TQFP48]   | (4220)       |
| Cypress | CY8C4247AZA-M485  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZA-M485  | [TQFP64]   | (3708)       |
| Cypress | CY8C4247AZI-L423  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZI-L423  | [TQFP48]   | (4220)       |
| Cypress | CY8C4247AZI-L433  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZI-L433  | [TQFP48]   | (4220)       |
| Cypress | CY8C4247AZI-L445  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZI-L445  | [TQFP64]   | (3708)       |
| Cypress | CY8C4247AZI-L475  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZI-L475  | [TQFP64]   | (3708)       |
| Cypress | CY8C4247AZI-L485  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZI-L485  | [TQFP64]   | (3708)       |
| Cypress | CY8C4247AZI-M475  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZI-M475  | [TQFP64]   | (3708)       |
| Cypress | CY8C4247AZI-M485  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZI-M485  | [TQFP64]   | (3708)       |
| Cypress | CY8C4247AZQ-M485  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZQ-M485  | [TQFP64]   | (3708)       |
| Cypress | CY8C4247AZS-M475  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZS-M475  | [TQFP64]   | (3708)       |
| Cypress | CY8C4247AZS-M483  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZS-M483  | [TQFP48]   | (4220)       |
| Cypress | CY8C4247AZS-M485  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247AZS-M485  | [TQFP64]   | (3708)       |
| Cypress | CY8C4247BZI-L479  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247BZI-L479  | [VFBGA124] | (4149)       |
| Cypress | CY8C4247LQI-BL453 | (ISP)      | (138) (9997) |
| Cypress | CY8C4247LQI-BL453 | [QFN56]    | (3606)       |
| Cypress | CY8C4247LQI-BL463 | (ISP)      | (138) (9997) |
| Cypress | CY8C4247LQI-BL463 | [QFN56]    | (3606)       |
| Cypress | CY8C4247LQI-BL473 | (ISP)      | (138) (9997) |
| Cypress | CY8C4247LQI-BL473 | [QFN56]    | (3606)       |
| Cypress | CY8C4247LQI-BL483 | (ISP)      | (138) (9997) |
| Cypress | CY8C4247LQI-BL483 | [QFN56]    | (3606)       |
| Cypress | CY8C4247LQI-BL493 | (ISP)      | (138) (9997) |
| Cypress | CY8C4247LQI-BL493 | [QFN56]    | (3606)       |
| Cypress | CY8C4247LQ0-BL483 | (ISP)      | (138) (9997) |
| Cypress | CY8C4247LQ0-BL483 | [QFN56]    | (3606)       |
| Cypress | CY8C4247LTI-L445  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247LTI-L445  | [QFN68]    | (3761)       |
| Cypress | CY8C4247LTI-L475  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247LTI-L475  | [QFN68]    | (3761)       |
| Cypress | CY8C4247LTI-L485  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247LTI-L485  | [QFN68]    | (3761)       |
| Cypress | CY8C4247LTI-M475  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247LTI-M475  | [QFN68]    | (3761)       |
| Cypress | CY8C4247LTQ-M475  | (ISP)      | (138) (9997) |
| Cypress | CY8C4247LTQ-M475  | [QFN68]    | (3761)       |
| Cypress | CY8C4248AZI-L475  | (ISP)      | (138) (9997) |
| Cypress | CY8C4248AZI-L475  | [TQFP64]   | (3708)       |
| Cypress | CY8C4248AZI-L485  | (ISP)      | (138) (9997) |
| Cypress | CY8C4248AZI-L485  | [TQFP64]   | (3708)       |
| Cypress | CY8C4248AZQ-L485  | (ISP)      | (138) (9997) |
| Cypress | CY8C4248AZQ-L485  | [TQFP64]   | (3708)       |
| Cypress | CY8C4248BZI-L469  | (ISP)      | (138) (9997) |
| Cypress | CY8C4248BZI-L469  | [VFBGA124] | (4149)       |
| Cypress | CY8C4248BZI-L479  | (ISP)      | (138) (9997) |



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|         |                         |           |               |
|---------|-------------------------|-----------|---------------|
| Cypress | CY8C5667LTI-LP009       | [QFN68]   | (1459)        |
| Cypress | CY8C5667LTI-LP041       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5667LTI-LP041       | [QFN68]   | (1459)        |
| Cypress | CY8C5668AXI-LP010       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5668AXI-LP010       | [TQFP100] | (1557)        |
| Cypress | CY8C5668AXI-LP013       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5668AXI-LP013       | [TQFP100] | (1557)        |
| Cypress | CY8C5668AXI-LP034       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5668AXI-LP034       | [TQFP100] | (1557)        |
| Cypress | CY8C5668LTI-LP014       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5668LTI-LP014       | [QFN68]   | (1459)        |
| Cypress | CY8C5688AXI-LP099       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5688AXI-LP099       | [TQFP100] | (1557)        |
| Cypress | CY8C5688LTI-LP086       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5688LTI-LP086       | [QFN68]   | (1459)        |
| Cypress | CY8C5866AXI-LP020       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5866AXI-LP020       | [TQFP100] | (1557)        |
| Cypress | CY8C5866AXI-LP021       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5866AXI-LP021       | [TQFP100] | (1557)        |
| Cypress | CY8C5866LTI-LP022       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5866LTI-LP022       | [QFN68]   | (1459)        |
| Cypress | CY8C5867AXI-LP023       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5867AXI-LP023       | [TQFP100] | (1557)        |
| Cypress | CY8C5867AXI-LP024       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5867AXI-LP024       | [TQFP100] | (1557)        |
| Cypress | CY8C5867LTI-LP025       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5867LTI-LP025       | [QFN68]   | (1459)        |
| Cypress | CY8C5867LTI-LP028       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5867LTI-LP028       | [QFN68]   | (1459)        |
| Cypress | CY8C5868AXI-LP031       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5868AXI-LP031       | [TQFP100] | (1557)        |
| Cypress | CY8C5868AXI-LP032       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5868AXI-LP032       | [TQFP100] | (1557)        |
| Cypress | CY8C5868AXI-LP035       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5868AXI-LP035       | [TQFP100] | (1557)        |
| Cypress | CY8C5868LTI-LP036       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5868LTI-LP036       | [QFN68]   | (1459)        |
| Cypress | CY8C5868LTI-LP038       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5868LTI-LP038       | [QFN68]   | (1459)        |
| Cypress | CY8C5868LTI-LP039       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5868LTI-LP039       | [QFN68]   | (1459)        |
| Cypress | CY8C5888AXI-LP061       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5888AXI-LP061       | [TQFP100] | (1557)        |
| Cypress | CY8C5888AXI-LP096       | [TQFP100] | (1557)        |
| Cypress | CY8C5888FNI-LP214       | [WLCSP99] | (3883)        |
| Cypress | CY8C5888LTI-LP097       | (ISP)     | (138) (9997)  |
| Cypress | CY8C5888LTI-LP097       | [QFN68]   | (1459)        |
| Cypress | CY8C6136FTI-F42         | [WLCSP80] | (4888)        |
| Cypress | CY8C6247BZI-D54         | [BGA124]  | (4747) (9999) |
| Cypress | CY8C9540 [SSOP48]       |           | (194)         |
| Cypress | CY8C9540A [SSOP48]      |           | (194)         |
| Cypress | CY8CLEDD01D01           | (ISP)     | (138)         |
| Cypress | CY8CLEDD01D01           | [QFN56]   | (3660)        |
| Cypress | CY8CLEDD02D01           | (ISP)     | (138)         |
| Cypress | CY8CLEDD02D01           | [QFN56]   | (3660)        |
| Cypress | CY8CLEDD03D01           | (ISP)     | (138)         |
| Cypress | CY8CLEDD03D01           | [QFN56]   | (3660)        |
| Cypress | CY8CLEDD03D02           | (ISP)     | (138)         |
| Cypress | CY8CLEDD03D02           | [QFN56]   | (3660)        |
| Cypress | CY8CLEDD03D0CD1         | (ISP)     | (138)         |
| Cypress | CY8CLEDD03D0CD1 [QFN56] |           | (3660)        |
| Cypress | CY8CLEDD04D01           | (ISP)     | (138)         |
| Cypress | CY8CLEDD04D01           | [QFN56]   | (3660)        |
| Cypress | CY8CLEDD04D02           | (ISP)     | (138)         |
| Cypress | CY8CLEDD04D02           | [QFN56]   | (3660)        |
| Cypress | CY8CLEDD04D0CD1         | (ISP)     | (138)         |
| Cypress | CY8CLEDD04D0CD1 [QFN56] |           | (3660)        |
| Cypress | CY8CLEDD04G01           | (ISP)     | (138)         |
| Cypress | CY8CLEDD04G01 [QFN56]   |           | (4056)        |
| Cypress | CY8CMBR3102-SX1I        | [SOIC8]   | (3226)        |
| Cypress | CY8CMBR3116-LQXI        | [QFN24]   | (3223)        |
| Cypress | CY8CTMA300E             | (ISP)     | (138)         |
| Cypress | CY8CTMA300E             | [QFN36]   | (2288)        |
| Cypress | CY8CTMA300E             | [QFN48]   | (1570)        |
| Cypress | CY8CTMA301E             | (ISP)     | (138)         |
| Cypress | CY8CTMA301E             | [QFN36]   | (2288)        |
| Cypress | CY8CTMA301E             | [QFN48]   | (1570)        |
| Cypress | CY8CTMA340-48LQI-01     | (ISP)     | (138)         |
| Cypress | CY8CTMA340-48LQI-01     | [QFN48]   | (1570)        |
| Cypress | CY8CTMA340-48LQI-03     | (ISP)     | (138)         |
| Cypress | CY8CTMA340-48LQI-03     | [QFN48]   | (1570)        |
| Cypress | CY8CTMA340-48LQI-09     | (ISP)     | (138)         |
| Cypress | CY8CTMA340-48LQI-09     | [QFN48]   | (1570)        |
| Cypress | CY8CTMA340-48LQI-11     | (ISP)     | (138)         |
| Cypress | CY8CTMA340-48LQI-11     | [QFN48]   | (1570)        |
| Cypress | CY8CTMA340-LQI-01       | (ISP)     | (138)         |
| Cypress | CY8CTMA340-LQI-01       | [QFN36]   | (2288)        |
| Cypress | CY8CTMA340-LQI-03       | (ISP)     | (138)         |
| Cypress | CY8CTMA340-LQI-03       | [QFN36]   | (2288)        |
| Cypress | CY8CTMA340-LQI-09       | (ISP)     | (138)         |
| Cypress | CY8CTMA340-LQI-09       | [QFN36]   | (2288)        |
| Cypress | CY8CTMA340-LQI-11       | (ISP)     | (138)         |
| Cypress | CY8CTMA340-LQI-11       | [QFN36]   | (2288)        |
| Cypress | CY8CTMA395-LTI-00       | [QFN68]   | (1459)        |
| Cypress | CY8CTMA395-LTI-01       | [QFN48]   | (2606)        |
| Cypress | CY8CTMA400-56LQI        | [QFN56]   | (3247)        |
| Cypress | CY8CTMA440-48LQI        | [QFN48]   | (3051)        |
| Cypress | CY8CTMA441-44LQI        | [QFN44]   | (3050)        |
| Cypress | CY8CTMA442-44LQI        | [QFN44]   | (3050)        |
| Cypress | CY8CTMA442-48LQI        | [QFN48]   | (3051)        |
| Cypress | CY8CTMA445-44LQI        | [QFN44]   | (3050)        |
| Cypress | CY8CTMA445-48LQI        | [QFN48]   | (3051)        |
| Cypress | CY8CTMA463-56LQI        | [QFN56]   | (3247)        |
| Cypress | CY8CTMA466-56LQI        | [QFN56]   | (3247)        |
| Cypress | CY8CTMA467-56LQI        | [QFN56]   | (3247)        |
| Cypress | CY8CTMA468-56LQI        | [QFN56]   | (3247)        |
| Cypress | CY8CTMA500-48LQI        | [QFN48]   | (3051)        |
| Cypress | CY8CTMA542-44LQI        | [QFN44]   | (3050)        |
| Cypress | CY8CTMA542-48LQI        | [QFN48]   | (3051)        |
| Cypress | CY8CTMA545-44LQI        | [QFN44]   | (3050)        |
| Cypress | CY8CTMA545-48LQI        | [QFN48]   | (3051)        |
| Cypress | CY8CTMA616AA-12         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA616AA-13         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA616AA-22         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA616AA-23         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA616AE-12         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA616AE-13         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA616AE-22         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA616AE-23         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA884AA-12         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA884AA-13         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA884AA-22         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA884AA-23         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA884AE-12         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA884AE-13         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA884AE-22         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA884AE-23         | [TQFP100] | (2836)        |
| Cypress | CY8CTMA884AI-13         | [TQFP100] | (2836)        |

|         |                           |        |
|---------|---------------------------|--------|
| Cypress | CY8CTMG120-56LFX (ISP)    | (138)  |
| Cypress | CY8CTMG120-56LFX [QFN56]  | (671)  |
| Cypress | CY8CTMG200 (ISP)          | (138)  |
| Cypress | CY8CTMG200 [QFN16]        | (1069) |
| Cypress | CY8CTMG200 [QFN48]        | (567)  |
| Cypress | CY8CTMG200 [SSOP48]       | (194)  |
| Cypress | CY8CTMG201 (ISP)          | (138)  |
| Cypress | CY8CTMG201 [QFN48]        | (567)  |
| Cypress | CY8CTST110 (ISP)          | (138)  |
| Cypress | CY8CTST110 [QFN32]        | (1294) |
| Cypress | CY8CTST120-56LFX (ISP)    | (138)  |
| Cypress | CY8CTST120-56LFX [QFN56]  | (671)  |
| Cypress | CY8CTST241 (ISP)          | (138)  |
| Cypress | CY8CTST241 [QFN32]        | (1294) |
| Cypress | CY8CTST242 (ISP)          | (138)  |
| Cypress | CY8CTST242 [QFN32]        | (1294) |
| Cypress | CY90F342ASPF [QFP100]     | (1110) |
| Cypress | CY90F342CAPF [QFP100]     | (1110) |
| Cypress | CY90F342CASPMC [LQFP100]  | (761)  |
| Cypress | CY90F345CESPF [QFP100]    | (1110) |
| Cypress | CY90F345CESPMC [LQFP100]  | (761)  |
| Cypress | CY90F345ESPMC [LQFP100]   | (761)  |
| Cypress | CY90F347APFV [LQFP100]    | (761)  |
| Cypress | CY90F347CAPF [QFP100]     | (1110) |
| Cypress | CY90F349ASPFV [LQFP100]   | (761)  |
| Cypress | CY90F349CAPFR [QFP100]    | (1110) |
| Cypress | CY90F349CASPFV [LQFP100]  | (761)  |
| Cypress | CY90F349CASPMC [LQFP100]  | (761)  |
| Cypress | CY90F349CESPMC [LQFP100]  | (761)  |
| Cypress | CY90F351ESPMC [LQFP64]    | (2267) |
| Cypress | CY90F352ESPMC [LQFP64]    | (2267) |
| Cypress | CY90F352ESPMC1 [LQFP64]   | (2586) |
| Cypress | CY90F352PFM [LQFP64]      | (2267) |
| Cypress | CY90F352SPFM [LQFP64]     | (2267) |
| Cypress | CY90F352TESPMC [LQFP64]   | (2267) |
| Cypress | CY90F362ESPM [LQFP48]     | (174)  |
| Cypress | CY90F362TESPMT [LQFP48]   | (174)  |
| Cypress | CY90F367TEPMT [LQFP48]    | (2585) |
| Cypress | CY90F387PMT [LQFP48]      | (2585) |
| Cypress | CY90F387SPMT [LQFP48]     | (174)  |
| Cypress | CY90F394H [LQFP120]       | (2579) |
| Cypress | CY90F394HA [LQFP120]      | (2579) |
| Cypress | CY90F395H [LQFP120]       | (2579) |
| Cypress | CY90F395HA [LQFP120]      | (2579) |
| Cypress | CY90F428GAPF [QFP100]     | (941)  |
| Cypress | CY90F439SPFR [QFP100]     | (2671) |
| Cypress | CY90F457SPMT [LQFP48]     | (174)  |
| Cypress | CY90F462APFM [LQFP64]     | (628)  |
| Cypress | CY90F497GPF [QFP64]       | (629)  |
| Cypress | CY90F497GPFM [LQFP64]     | (628)  |
| Cypress | CY90F497GPMC [LQFP64]     | (628)  |
| Cypress | CY90F498GPFM [LQFP64]     | (628)  |
| Cypress | CY90F498GPMC [LQFP64]     | (628)  |
| Cypress | CY90F543GPF [QFP100]      | (941)  |
| Cypress | CY90F543GPFR [QFP100]     | (941)  |
| Cypress | CY90F543GSPF [QFP100]     | (941)  |
| Cypress | CY90F543PF [QFP100]       | (941)  |
| Cypress | CY90F546GPF [QFP100]      | (941)  |
| Cypress | CY90F548GLSPF [QFP100]    | (941)  |
| Cypress | CY90F548GPF [QFP100]      | (941)  |
| Cypress | CY90F549GPF [QFP100]      | (941)  |
| Cypress | CY90F562BPMC [LQFP64]     | (628)  |
| Cypress | CY90F594APF [QFP100]      | (941)  |
| Cypress | CY90F598GPF [QFP100]      | (941)  |
| Cypress | CY90F823APF [QFP80]       | (2887) |
| Cypress | CY90F823BPMC1 [LQFP80]    | (4042) |
| Cypress | CY90F867EPMC [LQFP100]    | (761)  |
| Cypress | CY90F867ESPF [QFP100]     | (738)  |
| Cypress | CY90F867ESPMC [LQFP100]   | (761)  |
| Cypress | CY91F362GAPFVS [QFP208]   | (5034) |
| Cypress | CY91F362GBPFVS [QFP208]   | (5034) |
| Cypress | CY91F369GAPQS1 [QFP160]   | (4834) |
| Cypress | CY91F376GSPMC3 [LQFP120]  | (1246) |
| Cypress | CY91F467DAPFV [QFP208]    | (2285) |
| Cypress | CY91F467DBPFV [QFP208]    | (2285) |
| Cypress | CY91F524BxxPMC1 [LQFP64]  | (3797) |
| Cypress | CY91F526BxxPMC1 [LQFP64]  | (3797) |
| Cypress | CY91F526FxxPMC [LQFP100]  | (5035) |
| Cypress | CY91F526LxxPMC [LQFP176]  | (4534) |
| Cypress | CY91F575BHSPMC [LQFP144]  | (4344) |
| Cypress | CY91F575BPMC [LQFP144]    | (4344) |
| Cypress | CY91F577BHPMC [LQFP144]   | (4344) |
| Cypress | CY91F577BHSPMC [LQFP144]  | (4344) |
| Cypress | CY91F577BHSPMC1 [LQFP144] | (4343) |
| Cypress | CY91F577BPMC [LQFP144]    | (4344) |
| Cypress | CY91F579CHSPMC [LQFP144]  | (4344) |
| Cypress | CY91F579CHSPMC1 [LQFP144] | (4343) |
| Cypress | CY93C01 (x16) (ISP)       | (138)  |
| Cypress | CY93C01 (x16) [SOIC8]     | (950)  |
| Cypress | CY93C01 (x16) [TSSOP8]    | (121)  |
| Cypress | CY93C01 (x8) (ISP)        | (138)  |
| Cypress | CY93C01 (x8) [SOIC8]      | (950)  |
| Cypress | CY93C01 (x8) [TSSOP8]     | (121)  |
| Cypress | CY93C02 (x16) (ISP)       | (138)  |
| Cypress | CY93C02 (x16) [SOIC8]     | (950)  |
| Cypress | CY93C02 (x16) [TSSOP8]    | (121)  |
| Cypress | CY93C02 (x8) (ISP)        | (138)  |
| Cypress | CY93C02 (x8) [SOIC8]      | (950)  |
| Cypress | CY93C02 (x8) [TSSOP8]     | (121)  |
| Cypress | CY93C04 (x16) (ISP)       | (138)  |
| Cypress | CY93C04 (x16) [SOIC8]     | (950)  |
| Cypress | CY93C04 (x16) [TSSOP8]    | (121)  |
| Cypress | CY93C04 (x8) (ISP)        | (138)  |
| Cypress | CY93C04 (x8) [SOIC8]      | (950)  |
| Cypress | CY93C04 (x8) [TSSOP8]     | (121)  |
| Cypress | CY93C08 (x16) (ISP)       | (138)  |
| Cypress | CY93C08 (x16) [SOIC8]     | (950)  |
| Cypress | CY93C08 (x16) [TSSOP8]    | (121)  |
| Cypress | CY93C08 (x8) (ISP)        | (138)  |
| Cypress | CY93C08 (x8) [SOIC8]      | (950)  |
| Cypress | CY93C08 (x8) [TSSOP8]     | (121)  |
| Cypress | CY93C16 (x16) (ISP)       | (138)  |
| Cypress | CY93C16 (x16) [SOIC8]     | (950)  |
| Cypress | CY93C16 (x16) [TSSOP8]    | (121)  |
| Cypress | CY93C16 (x8) (ISP)        | (138)  |
| Cypress | CY93C16 (x8) [SOIC8]      | (950)  |
| Cypress | CY93C16 (x8) [TSSOP8]     | (121)  |
| Cypress | CY95F108AKSPFV [LQFP64]   | (1019) |
| Cypress | CY95F116MAWPMC [LQFP52]   | (2403) |
| Cypress | CY95F118BSPMT [LQFP48]    | (2587) |
| Cypress | CY95F118NSPMC [LQFP52]    | (2403) |
| Cypress | CY95F128JBPMC [LQFP100]   | (1166) |
| Cypress | CY95F128NBPMC [LQFP100]   | (1166) |
| Cypress | CY95F562KNPFT [TSSOP20]   | (2360) |
| Cypress | CY95F562KPFT [TSSOP20]    | (2360) |
| Cypress | CY95F563HNPFT [TSSOP20]   | (2360) |
| Cypress | CY95F563HPFT [TSSOP20]    | (2360) |
| Cypress | CY95F563KNPFT [TSSOP20]   | (2360) |

|         |                     |           |              |
|---------|---------------------|-----------|--------------|
| Cypress | CY95F563KPFT        | [TSSOP20] | (2360)       |
| Cypress | CY95F564KNPF        | [SOP20]   | (2358)       |
| Cypress | CY95F564KNPFT       | [TSSOP20] | (2360)       |
| Cypress | CY95F564KNPF        | [SOP20]   | (2358)       |
| Cypress | CY95F564KPFT        | [TSSOP20] | (2360)       |
| Cypress | CY95F632KNPMC       | [LQFP32]  | (2402)       |
| Cypress | CY95F632KPMC        | [LQFP32]  | (2402)       |
| Cypress | CY95F633HPMC        | [LQFP32]  | (2402)       |
| Cypress | CY95F633KNPMC       | [LQFP32]  | (2402)       |
| Cypress | CY95F633KPMC        | [LQFP32]  | (2402)       |
| Cypress | CY95F634HNPMC       | [LQFP32]  | (2402)       |
| Cypress | CY95F634HPMC        | [LQFP32]  | (2402)       |
| Cypress | CY95F634KNPMC       | [LQFP32]  | (2402)       |
| Cypress | CY95F634KPMC        | [LQFP32]  | (2402)       |
| Cypress | CY95F636HNPMC       | [LQFP32]  | (2402)       |
| Cypress | CY95F636KNPMC       | [LQFP32]  | (2402)       |
| Cypress | CY95F636KPMC        | [LQFP32]  | (2402)       |
| Cypress | CY95F694KPMC        | [LQFP48]  | (2580)       |
| Cypress | CY95F698KPMC        | [LQFP48]  | (2580)       |
| Cypress | CY95F698KPMC1       | [LQFP52]  | (2956)       |
| Cypress | CY95F698KPMC2       | [LQFP44]  | (3241)       |
| Cypress | CY95F718EPMC        | [LQFP80]  | (2582)       |
| Cypress | CY95F718JPMC        | [LQFP80]  | (2582)       |
| Cypress | CY95F774EPMC1       | [LQFP64]  | (2583)       |
| Cypress | CY95F778E (ISP)     |           | (138) (9997) |
| Cypress | CY95F778EPMC1       | [LQFP64]  | (2583)       |
| Cypress | CY95F778EPMC2       | [LQFP64]  | (2584)       |
| Cypress | CY95F778J (ISP)     |           | (138) (9997) |
| Cypress | CY95F778JPMC2       | [LQFP64]  | (2584)       |
| Cypress | CY95F778LPMC1       | [LQFP64]  | (2583)       |
| Cypress | CY95F818KPMC        | [LQFP64]  | (3109)       |
| Cypress | CY96F313ASBPMC      | [LQFP48]  | (1531)       |
| Cypress | CY96F313RSBPMC      | [LQFP48]  | (1531)       |
| Cypress | CY96F315RSBPMC      | [LQFP48]  | (1531)       |
| Cypress | CY96F346ASBPMC      | [LQFP100] | (2673)       |
| Cypress | CY96F346ASBPQC      | [QFP100]  | (2710)       |
| Cypress | CY96F346RSBPMC      | [LQFP100] | (2673)       |
| Cypress | CY96F346RSBPQC      | [QFP100]  | (2710)       |
| Cypress | CY96F346RWBPMC      | [LQFP100] | (2673)       |
| Cypress | CY96F346RWBPMC      | [QFP100]  | (2710)       |
| Cypress | CY96F347ASBPMC      | [LQFP100] | (2673)       |
| Cypress | CY96F347RSBPMC      | [LQFP100] | (2673)       |
| Cypress | CY96F348ASBPMC      | [LQFP100] | (2673)       |
| Cypress | CY96F348RSBPMC      | [LQFP100] | (2673)       |
| Cypress | CY96F348RSBPQC      | [QFP100]  | (2710)       |
| Cypress | CY96F353ASBPMC1     | [LQFP64]  | (2632)       |
| Cypress | CY96F355RSBPMC      | [LQFP64]  | (2633)       |
| Cypress | CY96F355RSBPMC1     | [LQFP64]  | (2632)       |
| Cypress | CY96F356ASBPMC      | [LQFP64]  | (2633)       |
| Cypress | CY96F356RSBPMC      | [LQFP64]  | (2633)       |
| Cypress | CY96F356RSBPMC1     | [LQFP64]  | (2632)       |
| Cypress | CY96F356RWBPMC      | [LQFP64]  | (2633)       |
| Cypress | CY96F356RWBPMC1     | [LQFP64]  | (2632)       |
| Cypress | CY96F378HSBPMC      | [LQFP144] | (2684)       |
| Cypress | CY96F385RSAPMC      | [LQFP120] | (1040)       |
| Cypress | CY96F385RSBPMC      | [LQFP120] | (1040)       |
| Cypress | CY96F385RWAPMC      | [LQFP120] | (1040)       |
| Cypress | CY96F386RSBPMC      | [LQFP120] | (1040)       |
| Cypress | CY96F386RSCPMC      | [LQFP120] | (1040)       |
| Cypress | CY96F386RWBPMC      | [LQFP120] | (1040)       |
| Cypress | CY96F387RSAPMC      | [LQFP120] | (1040)       |
| Cypress | CY96F387RSBPMC      | [LQFP120] | (1040)       |
| Cypress | CY96F387RWBPMC      | [LQFP120] | (1040)       |
| Cypress | CY96F395RSAPMC      | [LQFP100] | (2398)       |
| Cypress | CY96F395RSBPMC      | [LQFP100] | (2398)       |
| Cypress | CY96F395RWBPMC      | [LQFP100] | (2398)       |
| Cypress | CY96F612ABPMC       | [LQFP48]  | (2936)       |
| Cypress | CY96F612RBPMP       | [LQFP48]  | (2936)       |
| Cypress | CY96F613ABPMC       | [LQFP48]  | (2936)       |
| Cypress | CY96F613RBPMP       | [LQFP48]  | (2936)       |
| Cypress | CY96F615ABPMC       | [LQFP48]  | (2936)       |
| Cypress | CY96F615RBPMP       | [LQFP48]  | (2936)       |
| Cypress | CY96F622ABPMC       | [LQFP64]  | (2935)       |
| Cypress | CY96F622ABPMC1      | [LQFP64]  | (2928)       |
| Cypress | CY96F622RBPMP       | [LQFP64]  | (2935)       |
| Cypress | CY96F622RBPMP1      | [LQFP64]  | (2928)       |
| Cypress | CY96F623ABPMC       | [LQFP64]  | (2935)       |
| Cypress | CY96F623ABPMC1      | [LQFP64]  | (2928)       |
| Cypress | CY96F623RBPMP       | [LQFP64]  | (2935)       |
| Cypress | CY96F623RBPMP1      | [LQFP64]  | (2928)       |
| Cypress | CY96F625ABPMC       | [LQFP64]  | (2935)       |
| Cypress | CY96F625ABPMC1      | [LQFP64]  | (2928)       |
| Cypress | CY96F625RBPMP       | [LQFP64]  | (2935)       |
| Cypress | CY96F625RBPMP1      | [LQFP64]  | (2928)       |
| Cypress | CY96F635RBPMP       | [LQFP80]  | (3041)       |
| Cypress | CY96F636RBPMP       | [LQFP80]  | (3041)       |
| Cypress | CY96F637RBPMP       | [LQFP80]  | (3041)       |
| Cypress | CY96F643ABPMC       | [LQFP100] | (3012)       |
| Cypress | CY96F643RBPMP       | [LQFP100] | (3012)       |
| Cypress | CY96F645ABPMC       | [LQFP100] | (3012)       |
| Cypress | CY96F646RBPMP       | [LQFP100] | (3012)       |
| Cypress | CY96F647RBPMP       | [LQFP100] | (3012)       |
| Cypress | CY96F657RBPMP       | [LQFP120] | (3023)       |
| Cypress | CY96F673ABPMC       | [LQFP64]  | (2627)       |
| Cypress | CY96F673ABPMC1      | [LQFP64]  | (3035)       |
| Cypress | CY96F673RBPMP       | [LQFP64]  | (2627)       |
| Cypress | CY96F673RBPMP1      | [LQFP64]  | (3035)       |
| Cypress | CY96F675RBPMP1      | [LQFP64]  | (3035)       |
| Cypress | CY96F683ABPMC       | [LQFP80]  | (2608)       |
| Cypress | CY96F683RBPMP       | [LQFP80]  | (2608)       |
| Cypress | CY96F685RBPMP       | [LQFP80]  | (2608)       |
| Cypress | CY96F693ABPMC       | [LQFP100] | (3012)       |
| Cypress | CY96F693RBPMP       | [LQFP100] | (3012)       |
| Cypress | CY96F696RBPMP       | [LQFP100] | (3012)       |
| Cypress | CY96F6A6RBPMP       | [LQFP120] | (3023)       |
| Cypress | CY96F6B5RBPMP       | [LQFP100] | (3012)       |
| Cypress | CY96F6B6RBPMP       | [LQFP100] | (3012)       |
| Cypress | CY96F6C5RBPMP       | [LQFP120] | (3023)       |
| Cypress | CY96F6C6RBPMP       | [LQFP120] | (3023)       |
| Cypress | CY9AF111KPMC        | [LQFP48]  | (2963)       |
| Cypress | CY9AF111KPMC1       | [LQFP52]  | (3039)       |
| Cypress | CY9AF111KQN [QFN48] |           | (3049)       |
| Cypress | CY9AF111LAPMC       | [LQFP64]  | (2937)       |
| Cypress | CY9AF111LAPMC1      | [LQFP64]  | (2683)       |
| Cypress | CY9AF111MAPMC       | [LQFP80]  | (2729)       |
| Cypress | CY9AF111NAPF        | [QFP100]  | (3332)       |
| Cypress | CY9AF111NAPMC       | [LQFP100] | (2399)       |
| Cypress | CY9AF112KPMC        | [LQFP48]  | (2963)       |
| Cypress | CY9AF112KPMC1       | [LQFP52]  | (3039)       |
| Cypress | CY9AF112KQN [QFN48] |           | (3049)       |
| Cypress | CY9AF112LAPMC       | [LQFP64]  | (2937)       |
| Cypress | CY9AF112LAPMC1      | [LQFP64]  | (2683)       |
| Cypress | CY9AF112MAPMC       | [LQFP80]  | (2729)       |
| Cypress | CY9AF112NAPF        | [QFP100]  | (3332)       |
| Cypress | CY9AF112NAPMC       | [LQFP100] | (2399)       |
| Cypress | CY9AF114LAPMC       | [LQFP64]  | (2937)       |
| Cypress | CY9AF114LAPMC1      | [LQFP64]  | (2683)       |
| Cypress | CY9AF114MAPMC       | [LQFP80]  | (2729)       |

|         |                         |              |
|---------|-------------------------|--------------|
| Cypress | CY9AF114NAPF [QFP100]   | (3332)       |
| Cypress | CY9AF114NAPMC [LQFP100] | (2399)       |
| Cypress | CY9AF116NAPMC [LQFP100] | (2987)       |
| Cypress | CY9AF121KPMC [LQFP48]   | (2963)       |
| Cypress | CY9AF121KPMC1 [LQFP52]  | (3039)       |
| Cypress | CY9AF121KWQN [QFN48]    | (3049)       |
| Cypress | CY9AF121LPMC [LQFP64]   | (2937)       |
| Cypress | CY9AF121LPMC1 [LQFP64]  | (2683)       |
| Cypress | CY9AF121LWQN [QFN64]    | (4425)       |
| Cypress | CY9AF131KBPMC [LQFP48]  | (2963)       |
| Cypress | CY9AF131LBPMC [LQFP64]  | (2937)       |
| Cypress | CY9AF131LBPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AF132KBPMC [LQFP48]  | (2963)       |
| Cypress | CY9AF132LBPMC [LQFP64]  | (2937)       |
| Cypress | CY9AF132LBPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AF141LBPMC [LQFP64]  | (2937)       |
| Cypress | CY9AF141LBPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AF141MBBGL [PFBGA96] | (4533)       |
| Cypress | CY9AF141MBPMC [LQFP80]  | (2729)       |
| Cypress | CY9AF141NBPMC [LQFP100] | (2987)       |
| Cypress | CY9AF141NBQPC [QFP100]  | (3332)       |
| Cypress | CY9AF142LBPMC [LQFP64]  | (2937)       |
| Cypress | CY9AF142LBPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AF142MBBGL [PFBGA96] | (4533)       |
| Cypress | CY9AF142MBPMC [LQFP80]  | (2729)       |
| Cypress | CY9AF142NBPMC [LQFP100] | (2987)       |
| Cypress | CY9AF142NBQPC [QFP100]  | (3332)       |
| Cypress | CY9AF144LBPMC [LQFP64]  | (2937)       |
| Cypress | CY9AF144LBPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AF144MBBGL [PFBGA96] | (4533)       |
| Cypress | CY9AF144MBPMC [LQFP80]  | (2729)       |
| Cypress | CY9AF144NBPMC [LQFP100] | (2987)       |
| Cypress | CY9AF144NBQPC [QFP100]  | (3332)       |
| Cypress | CY9AF154NAPMC [LQFP100] | (2987)       |
| Cypress | CY9AF154RAPMC [LQFP120] | (3672)       |
| Cypress | CY9AF155NAPMC [LQFP100] | (2987)       |
| Cypress | CY9AF155RAPMC [LQFP120] | (3672)       |
| Cypress | CY9AF156NAPMC [LQFP100] | (2987)       |
| Cypress | CY9AF156RAPMC [LQFP120] | (3672)       |
| Cypress | CY9AF1A1LPMC [LQFP64]   | (2937)       |
| Cypress | CY9AF1A1LPMC1 [LQFP64]  | (2683)       |
| Cypress | CY9AF1A1MPMC1 [LQFP80]  | (3215)       |
| Cypress | CY9AF1A2LPMC [LQFP64]   | (2937)       |
| Cypress | CY9AF1A2LPMC1 [LQFP64]  | (2683)       |
| Cypress | CY9AF1A2MPMC1 [LQFP80]  | (3215)       |
| Cypress | CY9AF311KPMC [LQFP48]   | (2963)       |
| Cypress | CY9AF311KPMC1 [LQFP52]  | (3039)       |
| Cypress | CY9AF311KWQN [QFN48]    | (3049)       |
| Cypress | CY9AF311LAPMC [LQFP64]  | (2937)       |
| Cypress | CY9AF311LAPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AF311MAPMC [LQFP80]  | (2729)       |
| Cypress | CY9AF311NAPF [QFP100]   | (3332)       |
| Cypress | CY9AF311NAPMC [LQFP100] | (2399)       |
| Cypress | CY9AF312KPMC [LQFP48]   | (2963)       |
| Cypress | CY9AF312KPMC1 [LQFP52]  | (3039)       |
| Cypress | CY9AF312KWQN [QFN48]    | (3049)       |
| Cypress | CY9AF312LAPMC [LQFP64]  | (2937)       |
| Cypress | CY9AF312LAPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AF312MAPMC [LQFP80]  | (2729)       |
| Cypress | CY9AF312NAPF [QFP100]   | (3332)       |
| Cypress | CY9AF312NAPMC [LQFP100] | (2399)       |
| Cypress | CY9AF314LAPMC [LQFP64]  | (2937)       |
| Cypress | CY9AF314LAPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AF314MAPMC [LQFP80]  | (2729)       |
| Cypress | CY9AF314NAPF [QFP100]   | (3332)       |
| Cypress | CY9AF314NAPMC [LQFP100] | (2399)       |
| Cypress | CY9AF316NAPMC [LQFP100] | (2987)       |
| Cypress | CY9AF341LBPMC [LQFP64]  | (2937)       |
| Cypress | CY9AF341LBPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AF341MBBGL [PFBGA96] | (4533)       |
| Cypress | CY9AF341MBPMC [LQFP80]  | (2729)       |
| Cypress | CY9AF341NBPMC [LQFP100] | (2987)       |
| Cypress | CY9AF341NBQPC [QFP100]  | (3332)       |
| Cypress | CY9AF342LBPMC [LQFP64]  | (2937)       |
| Cypress | CY9AF342LBPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AF342MBBGL [PFBGA96] | (4533)       |
| Cypress | CY9AF342MBPMC [LQFP80]  | (2729)       |
| Cypress | CY9AF342NBPMC [LQFP100] | (2987)       |
| Cypress | CY9AF342NBQPC [QFP100]  | (3332)       |
| Cypress | CY9AF344LBPMC [LQFP64]  | (2937)       |
| Cypress | CY9AF344LBPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AF344MBBGL [PFBGA96] | (4533)       |
| Cypress | CY9AF344MBPMC [LQFP80]  | (2729)       |
| Cypress | CY9AF344NBPMC [LQFP100] | (2987)       |
| Cypress | CY9AF344NBQPC [QFP100]  | (3332)       |
| Cypress | CY9AF421KPMC [LQFP48]   | (2963)       |
| Cypress | CY9AF421KPMC1 [LQFP52]  | (3039)       |
| Cypress | CY9AF421KWQN [QFN48]    | (3049)       |
| Cypress | CY9AF421LPMC [LQFP64]   | (2937)       |
| Cypress | CY9AF421LPMC1 [LQFP64]  | (2683)       |
| Cypress | CY9AF421LWQN [QFN64]    | (4425)       |
| Cypress | CY9AFA31LPMC [LQFP64]   | (2937)       |
| Cypress | CY9AFA31LPMC1 [LQFP64]  | (2683)       |
| Cypress | CY9AFA32LPMC [LQFP64]   | (2937)       |
| Cypress | CY9AFA32LPMC1 [LQFP64]  | (2683)       |
| Cypress | CY9AFA32MPMC1 [LQFP80]  | (3215)       |
| Cypress | CY9AFA41LBPMC [LQFP64]  | (2937)       |
| Cypress | CY9AFA41LBPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AFA41LBQN [QFN64]    | (4425)       |
| Cypress | CY9AFA41MBBGL [PFBGA96] | (4533)       |
| Cypress | CY9AFA41MBPMC [LQFP80]  | (2729)       |
| Cypress | CY9AFA41MBPMC1 [LQFP80] | (3215)       |
| Cypress | CY9AFA41NBGL [PFBGA112] | (3154)       |
| Cypress | CY9AFA41NBPMC [LQFP100] | (2987)       |
| Cypress | CY9AFA42LBPMC [LQFP64]  | (2937)       |
| Cypress | CY9AFA42LBPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AFA42LBQN [QFN64]    | (4425)       |
| Cypress | CY9AFA42MBBGL [PFBGA96] | (4533)       |
| Cypress | CY9AFA42MBPMC [LQFP80]  | (2729)       |
| Cypress | CY9AFA42MBPMC1 [LQFP80] | (3215)       |
| Cypress | CY9AFA42NBGL [PFBGA112] | (3154)       |
| Cypress | CY9AFA42NBPMC [LQFP100] | (2987)       |
| Cypress | CY9AFA44LBPMC [LQFP64]  | (2937)       |
| Cypress | CY9AFA44LBPMC1 [LQFP64] | (2683)       |
| Cypress | CY9AFA44LBQN [QFN64]    | (4425)       |
| Cypress | CY9AFA44MBBGL [PFBGA96] | (4533)       |
| Cypress | CY9AFA44MBPMC [LQFP80]  | (2729)       |
| Cypress | CY9AFA44MBPMC1 [LQFP80] | (3215)       |
| Cypress | CY9AFA44NBGL [PFBGA112] | (3154)       |
| Cypress | CY9AFA44NBPMC [LQFP100] | (2987)       |
| Cypress | CY9AFAA1 (ISP-SPI)      | (138) (9997) |
| Cypress | CY9AFAA1LPMC [LQFP64]   | (2937)       |
| Cypress | CY9AFAA1LPMC1 [LQFP64]  | (2683)       |
| Cypress | CY9AFAA1MPMC1 [LQFP80]  | (3215)       |
| Cypress | CY9AFAA2LPMC [LQFP64]   | (2937)       |
| Cypress | CY9AFAA2LPMC1 [LQFP64]  | (2683)       |
| Cypress | CY9AFAA2MPMC1 [LQFP80]  | (3215)       |
| Cypress | CY9AFB41LBPMC [LQFP64]  | (2937)       |

|         |                          |        |
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| Cypress | CY9AFB41LBPMC1 [LQFP64]  | (2683) |
| Cypress | CY9AFB41MBPMC [LQFP80]   | (2729) |
| Cypress | CY9AFB41NBPMC [LQFP100]  | (2987) |
| Cypress | CY9AFB42LBPMC [LQFP64]   | (2937) |
| Cypress | CY9AFB42LBPMC1 [LQFP64]  | (2683) |
| Cypress | CY9AFB42MBPMC [LQFP80]   | (2729) |
| Cypress | CY9AFB42NBPMC [LQFP100]  | (2987) |
| Cypress | CY9AFB44LBPMC [LQFP64]   | (2937) |
| Cypress | CY9AFB44LBPMC1 [LQFP64]  | (2683) |
| Cypress | CY9AFB44MBPMC [LQFP80]   | (2729) |
| Cypress | CY9AFB44NBPMC [LQFP100]  | (2987) |
| Cypress | CY9BF104NABGL [PFBGA112] | (3303) |
| Cypress | CY9BF104NAPMC [LQFP100]  | (2399) |
| Cypress | CY9BF104RAPMC [LQFP120]  | (2363) |
| Cypress | CY9BF105NABGL [PFBGA112] | (3303) |
| Cypress | CY9BF105NAPMC [LQFP100]  | (2399) |
| Cypress | CY9BF105RAPMC [LQFP120]  | (2363) |
| Cypress | CY9BF106NABGL [PFBGA112] | (3303) |
| Cypress | CY9BF106NAPMC [LQFP100]  | (2399) |
| Cypress | CY9BF106RAPMC [LQFP120]  | (2363) |
| Cypress | CY9BF112NBGL [PFBGA112]  | (3154) |
| Cypress | CY9BF112NPMC [LQFP100]   | (2987) |
| Cypress | CY9BF112NPQC [QFP100]    | (3332) |
| Cypress | CY9BF112RPMC [LQFP120]   | (3672) |
| Cypress | CY9BF114NBGL [PFBGA112]  | (3154) |
| Cypress | CY9BF114NPMC [LQFP100]   | (2987) |
| Cypress | CY9BF114NPQC [QFP100]    | (3332) |
| Cypress | CY9BF114RPMC [LQFP120]   | (3672) |
| Cypress | CY9BF115NBGL [PFBGA112]  | (3154) |
| Cypress | CY9BF115NPMC [LQFP100]   | (2987) |
| Cypress | CY9BF115NPQC [QFP100]    | (3332) |
| Cypress | CY9BF115RPMC [LQFP120]   | (3672) |
| Cypress | CY9BF116NBGL [PFBGA112]  | (3154) |
| Cypress | CY9BF116NPMC [LQFP100]   | (2987) |
| Cypress | CY9BF116NPQC [QFP100]    | (3332) |
| Cypress | CY9BF116RPMC [LQFP120]   | (3672) |
| Cypress | CY9BF116SPMC [LQFP144]   | (3157) |
| Cypress | CY9BF116TBGL [PFBGA192]  | (3155) |
| Cypress | CY9BF116TPMC [LQFP176]   | (3156) |
| Cypress | CY9BF117SPMC [LQFP144]   | (3157) |
| Cypress | CY9BF117TBGL [PFBGA192]  | (3155) |
| Cypress | CY9BF117TPMC [LQFP176]   | (3156) |
| Cypress | CY9BF118SPMC [LQFP144]   | (3157) |
| Cypress | CY9BF118TBGL [PFBGA192]  | (3155) |
| Cypress | CY9BF118TPMC [LQFP176]   | (3156) |
| Cypress | CY9BF121KPMC [LQFP48]    | (2963) |
| Cypress | CY9BF121LPMC [LQFP64]    | (2937) |
| Cypress | CY9BF121LPMC1 [LQFP64]   | (2683) |
| Cypress | CY9BF121MBGL [PFBGA96]   | (4817) |
| Cypress | CY9BF121MPMC [LQFP80]    | (4113) |
| Cypress | CY9BF122KPMC [LQFP48]    | (2963) |
| Cypress | CY9BF122LPMC [LQFP64]    | (2937) |
| Cypress | CY9BF122LPMC1 [LQFP64]   | (2683) |
| Cypress | CY9BF122MBGL [PFBGA96]   | (4817) |
| Cypress | CY9BF122MPMC [LQFP80]    | (4113) |
| Cypress | CY9BF124KPMC [LQFP48]    | (2963) |
| Cypress | CY9BF124LPMC [LQFP64]    | (2937) |
| Cypress | CY9BF124LPMC1 [LQFP64]   | (2683) |
| Cypress | CY9BF124MBGL [PFBGA96]   | (4817) |
| Cypress | CY9BF124MPMC [LQFP80]    | (4113) |
| Cypress | CY9BF164KPMC [LQFP48]    | (3635) |
| Cypress | CY9BF164KQN [QFN48]      | (4055) |
| Cypress | CY9BF164LPMC1 [LQFP64]   | (3169) |
| Cypress | CY9BF165KPMC [LQFP48]    | (3635) |
| Cypress | CY9BF165KQN [QFN48]      | (4055) |
| Cypress | CY9BF165LPMC1 [LQFP64]   | (3169) |
| Cypress | CY9BF166KPMC [LQFP48]    | (3635) |
| Cypress | CY9BF166KQN [QFN48]      | (4055) |
| Cypress | CY9BF166LPMC1 [LQFP64]   | (3169) |
| Cypress | CY9BF166NPMC [LQFP100]   | (4019) |
| Cypress | CY9BF166RPMC [LQFP120]   | (3826) |
| Cypress | CY9BF167NPMC [LQFP100]   | (4019) |
| Cypress | CY9BF167RPMC [LQFP120]   | (3826) |
| Cypress | CY9BF168NPMC [LQFP100]   | (4019) |
| Cypress | CY9BF168RPMC [LQFP120]   | (3826) |
| Cypress | CY9BF216SPMC [LQFP144]   | (3157) |
| Cypress | CY9BF216TBGL [PFBGA192]  | (3155) |
| Cypress | CY9BF216TPMC [LQFP176]   | (3156) |
| Cypress | CY9BF217SPMC [LQFP144]   | (3157) |
| Cypress | CY9BF217TBGL [PFBGA192]  | (3155) |
| Cypress | CY9BF217TPMC [LQFP176]   | (3156) |
| Cypress | CY9BF218SPMC [LQFP144]   | (3157) |
| Cypress | CY9BF218TBGL [PFBGA192]  | (3155) |
| Cypress | CY9BF218TPMC [LQFP176]   | (3156) |
| Cypress | CY9BF304NBBGL [PFBGA112] | (3303) |
| Cypress | CY9BF304NBPMC [LQFP100]  | (2399) |
| Cypress | CY9BF304RBPMP [LQFP120]  | (2363) |
| Cypress | CY9BF305NBBGL [PFBGA112] | (3303) |
| Cypress | CY9BF305NBPMC [LQFP100]  | (2399) |
| Cypress | CY9BF305RBPMP [LQFP120]  | (2363) |
| Cypress | CY9BF306NBBGL [PFBGA112] | (3303) |
| Cypress | CY9BF306NBPMC [LQFP100]  | (2399) |
| Cypress | CY9BF306RBPMP [LQFP120]  | (2363) |
| Cypress | CY9BF312NBGL [PFBGA112]  | (3154) |
| Cypress | CY9BF312NPMC [LQFP100]   | (2987) |
| Cypress | CY9BF312NPQC [QFP100]    | (3332) |
| Cypress | CY9BF312RPMC [LQFP120]   | (3672) |
| Cypress | CY9BF314NBGL [PFBGA112]  | (3154) |
| Cypress | CY9BF314NPMC [LQFP100]   | (2987) |
| Cypress | CY9BF314NPQC [QFP100]    | (3332) |
| Cypress | CY9BF314RPMC [LQFP120]   | (3672) |
| Cypress | CY9BF315NBGL [PFBGA112]  | (3154) |
| Cypress | CY9BF315NPMC [LQFP100]   | (2987) |
| Cypress | CY9BF315NPQC [QFP100]    | (3332) |
| Cypress | CY9BF315RPMC [LQFP120]   | (3672) |
| Cypress | CY9BF316NBGL [PFBGA112]  | (3154) |
| Cypress | CY9BF316NPMC [LQFP100]   | (2987) |
| Cypress | CY9BF316NPQC [QFP100]    | (3332) |
| Cypress | CY9BF316RPMC [LQFP120]   | (3672) |
| Cypress | CY9BF316SPMC [LQFP144]   | (3157) |
| Cypress | CY9BF316TBGL [PFBGA192]  | (3155) |
| Cypress | CY9BF316TPMC [LQFP176]   | (3156) |
| Cypress | CY9BF317SPMC [LQFP144]   | (3157) |
| Cypress | CY9BF317TBGL [PFBGA192]  | (3155) |
| Cypress | CY9BF317TPMC [LQFP176]   | (3156) |
| Cypress | CY9BF318SPMC [LQFP144]   | (3157) |
| Cypress | CY9BF318TBGL [PFBGA192]  | (3155) |
| Cypress | CY9BF318TPMC [LQFP176]   | (3156) |
| Cypress | CY9BF321KPMC [LQFP48]    | (2963) |
| Cypress | CY9BF321LPMC [LQFP64]    | (2937) |
| Cypress | CY9BF321LPMC1 [LQFP64]   | (2683) |
| Cypress | CY9BF321MBGL [PFBGA96]   | (4817) |
| Cypress | CY9BF321MPMC [LQFP80]    | (4113) |
| Cypress | CY9BF322KPMC [LQFP48]    | (2963) |
| Cypress | CY9BF322LPMC [LQFP64]    | (2937) |
| Cypress | CY9BF322LPMC1 [LQFP64]   | (2683) |
| Cypress | CY9BF322MBGL [PFBGA96]   | (4817) |
| Cypress | CY9BF322MPMC [LQFP80]    | (4113) |

|         |                    |            |              |
|---------|--------------------|------------|--------------|
| Cypress | CY9BF324KPMC       | [LQFP48]   | (2963)       |
| Cypress | CY9BF324LPMC       | [LQFP64]   | (2937)       |
| Cypress | CY9BF324LPMC1      | [LQFP64]   | (2683)       |
| Cypress | CY9BF324MBGL       | [PFBGA96]  | (4817)       |
| Cypress | CY9BF324MPMC       | [LQFP80]   | (4113)       |
| Cypress | CY9BF364KPMC       | [LQFP48]   | (3635)       |
| Cypress | CY9BF364KQN        | [QFN48]    | (4055)       |
| Cypress | CY9BF364LPMC1      | [LQFP64]   | (3169)       |
| Cypress | CY9BF365KPMC       | [LQFP48]   | (3635)       |
| Cypress | CY9BF365KQN        | [QFN48]    | (4055)       |
| Cypress | CY9BF365LPMC1      | [LQFP64]   | (3169)       |
| Cypress | CY9BF366KPMC       | [LQFP48]   | (3635)       |
| Cypress | CY9BF366KQN        | [QFN48]    | (4055)       |
| Cypress | CY9BF366LPMC1      | [LQFP64]   | (3169)       |
| Cypress | CY9BF366NPMC       | [LQFP100]  | (4019)       |
| Cypress | CY9BF366RPMC       | [LQFP120]  | (3826)       |
| Cypress | CY9BF367NPMC       | [LQFP100]  | (4019)       |
| Cypress | CY9BF367RPMC       | [LQFP120]  | (3826)       |
| Cypress | CY9BF368NPMC       | [LQFP100]  | (4019)       |
| Cypress | CY9BF368RPMC       | [LQFP120]  | (3826)       |
| Cypress | CY9BF404NABGL      | [PFBGA112] | (3303)       |
| Cypress | CY9BF404NAPMC      | [LQFP100]  | (2399)       |
| Cypress | CY9BF404RAPMC      | [LQFP120]  | (2363)       |
| Cypress | CY9BF405NABGL      | [PFBGA112] | (3303)       |
| Cypress | CY9BF405NAPMC      | [LQFP100]  | (2399)       |
| Cypress | CY9BF405RAPMC      | [LQFP120]  | (2363)       |
| Cypress | CY9BF406NABGL      | [PFBGA112] | (3303)       |
| Cypress | CY9BF406NAPMC      | [LQFP100]  | (2399)       |
| Cypress | CY9BF406RAPMC      | [LQFP120]  | (2363)       |
| Cypress | CY9BF412NBGL       | [PFBGA112] | (3154)       |
| Cypress | CY9BF412NPMC       | [LQFP100]  | (2987)       |
| Cypress | CY9BF412NPQC       | [QFP100]   | (3332)       |
| Cypress | CY9BF412RPMC       | [LQFP120]  | (3672)       |
| Cypress | CY9BF414NBGL       | [PFBGA112] | (3154)       |
| Cypress | CY9BF414NPMC       | [LQFP100]  | (2987)       |
| Cypress | CY9BF414NPQC       | [QFP100]   | (3332)       |
| Cypress | CY9BF414RPMC       | [LQFP120]  | (3672)       |
| Cypress | CY9BF415NBGL       | [PFBGA112] | (3154)       |
| Cypress | CY9BF415NPMC       | [LQFP100]  | (2987)       |
| Cypress | CY9BF415NPQC       | [QFP100]   | (3332)       |
| Cypress | CY9BF415RPMC       | [LQFP120]  | (3672)       |
| Cypress | CY9BF416 (ISP-SPI) |            | (138) (9997) |
| Cypress | CY9BF416NBGL       | [PFBGA112] | (3154)       |
| Cypress | CY9BF416NPMC       | [LQFP100]  | (2987)       |
| Cypress | CY9BF416NPQC       | [QFP100]   | (3332)       |
| Cypress | CY9BF416RPMC       | [LQFP120]  | (3672)       |
| Cypress | CY9BF416SPMC       | [LQFP144]  | (3157)       |
| Cypress | CY9BF416TBGL       | [PFBGA192] | (3155)       |
| Cypress | CY9BF416TPMC       | [LQFP176]  | (3156)       |
| Cypress | CY9BF417SPMC       | [LQFP144]  | (3157)       |
| Cypress | CY9BF417TBGL       | [PFBGA192] | (3155)       |
| Cypress | CY9BF417TPMC       | [LQFP176]  | (3156)       |
| Cypress | CY9BF418SPMC       | [LQFP144]  | (3157)       |
| Cypress | CY9BF418TBGL       | [PFBGA192] | (3155)       |
| Cypress | CY9BF418TPMC       | [LQFP176]  | (3156)       |
| Cypress | CY9BF464KPMC       | [LQFP48]   | (3635)       |
| Cypress | CY9BF464KQN        | [QFN48]    | (4055)       |
| Cypress | CY9BF464LPMC1      | [LQFP64]   | (3169)       |
| Cypress | CY9BF465KPMC       | [LQFP48]   | (3635)       |
| Cypress | CY9BF465KQN        | [QFN48]    | (4055)       |
| Cypress | CY9BF465LPMC1      | [LQFP64]   | (3169)       |
| Cypress | CY9BF466KPMC       | [LQFP48]   | (3635)       |
| Cypress | CY9BF466KQN        | [QFN48]    | (4055)       |
| Cypress | CY9BF466LPMC1      | [LQFP64]   | (3169)       |
| Cypress | CY9BF466NPMC       | [LQFP100]  | (4019)       |
| Cypress | CY9BF466RPMC       | [LQFP120]  | (3826)       |
| Cypress | CY9BF467NPMC       | [LQFP100]  | (4019)       |
| Cypress | CY9BF467RPMC       | [LQFP120]  | (3826)       |
| Cypress | CY9BF468NPMC       | [LQFP100]  | (4019)       |
| Cypress | CY9BF468RPMC       | [LQFP120]  | (3826)       |
| Cypress | CY9BF504NBBGL      | [PFBGA112] | (3303)       |
| Cypress | CY9BF504NBPMC      | [LQFP100]  | (2399)       |
| Cypress | CY9BF504RBPMP      | [LQFP120]  | (2363)       |
| Cypress | CY9BF505NBBGL      | [PFBGA112] | (3303)       |
| Cypress | CY9BF505NBPMC      | [LQFP100]  | (2399)       |
| Cypress | CY9BF505RBPMP      | [LQFP120]  | (2363)       |
| Cypress | CY9BF506NBBGL      | [PFBGA112] | (3303)       |
| Cypress | CY9BF506NBPMC      | [LQFP100]  | (2399)       |
| Cypress | CY9BF506RBPMP      | [LQFP120]  | (2363)       |
| Cypress | CY9BF512NBGL       | [PFBGA112] | (3154)       |
| Cypress | CY9BF512NPMC       | [LQFP100]  | (2987)       |
| Cypress | CY9BF512NPQC       | [QFP100]   | (3332)       |
| Cypress | CY9BF512RPMC       | [LQFP120]  | (3672)       |
| Cypress | CY9BF514NBGL       | [PFBGA112] | (3154)       |
| Cypress | CY9BF514NPMC       | [LQFP100]  | (2987)       |
| Cypress | CY9BF514NPQC       | [QFP100]   | (3332)       |
| Cypress | CY9BF514RPMC       | [LQFP120]  | (3672)       |
| Cypress | CY9BF515NBGL       | [PFBGA112] | (3154)       |
| Cypress | CY9BF515NPMC       | [LQFP100]  | (2987)       |
| Cypress | CY9BF515NPQC       | [QFP100]   | (3332)       |
| Cypress | CY9BF515RPMC       | [LQFP120]  | (3672)       |
| Cypress | CY9BF516NBGL       | [PFBGA112] | (3154)       |
| Cypress | CY9BF516NPMC       | [LQFP100]  | (2987)       |
| Cypress | CY9BF516NPQC       | [QFP100]   | (3332)       |
| Cypress | CY9BF516RPMC       | [LQFP120]  | (3672)       |
| Cypress | CY9BF516SPMC       | [LQFP144]  | (3157)       |
| Cypress | CY9BF516TBGL       | [PFBGA192] | (3155)       |
| Cypress | CY9BF516TPMC       | [LQFP176]  | (3156)       |
| Cypress | CY9BF517SPMC       | [LQFP144]  | (3157)       |
| Cypress | CY9BF517TBGL       | [PFBGA192] | (3155)       |
| Cypress | CY9BF517TPMC       | [LQFP176]  | (3156)       |
| Cypress | CY9BF518SPMC       | [LQFP144]  | (3157)       |
| Cypress | CY9BF518TBGL       | [PFBGA192] | (3155)       |
| Cypress | CY9BF518TPMC       | [LQFP176]  | (3156)       |
| Cypress | CY9BF521KPMC       | [LQFP48]   | (2963)       |
| Cypress | CY9BF521LPMC       | [LQFP64]   | (2937)       |
| Cypress | CY9BF521LPMC1      | [LQFP64]   | (2683)       |
| Cypress | CY9BF521MBGL       | [PFBGA96]  | (4817)       |
| Cypress | CY9BF521MPMC       | [LQFP80]   | (4113)       |
| Cypress | CY9BF522KPMC       | [LQFP48]   | (2963)       |
| Cypress | CY9BF522LPMC       | [LQFP64]   | (2937)       |
| Cypress | CY9BF522LPMC1      | [LQFP64]   | (2683)       |
| Cypress | CY9BF522MBGL       | [PFBGA96]  | (4817)       |
| Cypress | CY9BF522MPMC       | [LQFP80]   | (4113)       |
| Cypress | CY9BF524KPMC       | [LQFP48]   | (2963)       |
| Cypress | CY9BF524LPMC       | [LQFP64]   | (2937)       |
| Cypress | CY9BF524LPMC1      | [LQFP64]   | (2683)       |
| Cypress | CY9BF524MBGL       | [PFBGA96]  | (4817)       |
| Cypress | CY9BF524MPMC       | [LQFP80]   | (4113)       |
| Cypress | CY9BF564KPMC       | [LQFP48]   | (3635)       |
| Cypress | CY9BF564KQN        | [QFN48]    | (4055)       |
| Cypress | CY9BF564LPMC1      | [LQFP64]   | (3169)       |
| Cypress | CY9BF565KPMC       | [LQFP48]   | (3635)       |
| Cypress | CY9BF565KQN        | [QFN48]    | (4055)       |
| Cypress | CY9BF565LPMC1      | [LQFP64]   | (3169)       |
| Cypress | CY9BF566KPMC       | [LQFP48]   | (3635)       |
| Cypress | CY9BF566KQN        | [QFN48]    | (4055)       |
| Cypress | CY9BF566LPMC1      | [LQFP64]   | (3169)       |

|         |                    |            |              |
|---------|--------------------|------------|--------------|
| Cypress | CY9BF566NPMC       | [LQFP100]  | (4019)       |
| Cypress | CY9BF566RPMC       | [LQFP120]  | (3826)       |
| Cypress | CY9BF567NPMC       | [LQFP100]  | (4019)       |
| Cypress | CY9BF567RPMC       | [LQFP120]  | (3826)       |
| Cypress | CY9BF568NPMC       | [LQFP100]  | (4019)       |
| Cypress | CY9BF568RPMC       | [LQFP120]  | (3826)       |
| Cypress | CY9BF616SPMC       | [LQFP144]  | (3157)       |
| Cypress | CY9BF616TBGL       | [PFBGA192] | (3155)       |
| Cypress | CY9BF616TPMC       | [LQFP176]  | (3156)       |
| Cypress | CY9BF617SPMC       | [LQFP144]  | (3157)       |
| Cypress | CY9BF617TBGL       | [PFBGA192] | (3155)       |
| Cypress | CY9BF617TPMC       | [LQFP176]  | (3156)       |
| Cypress | CY9BF618SPMC       | [LQFP144]  | (3157)       |
| Cypress | CY9BF618TBGL       | [PFBGA192] | (3155)       |
| Cypress | CY9BF618TPMC       | [LQFP176]  | (3156)       |
| Cypress | CYAT61652-56LWA41  | [QFN56]    | (4687)       |
| Cypress | CYAT61652-56LWS41  | [QFN56]    | (4687)       |
| Cypress | CYAT61658-56LWA41  | [QFN56]    | (4687)       |
| Cypress | CYAT61658-56LWS41  | [QFN56]    | (4687)       |
| Cypress | CYAT61659-56LWA41  | [QFN56]    | (4687)       |
| Cypress | CYAT61659-56LWS41  | [QFN56]    | (4687)       |
| Cypress | CYAT61659-64AS48   | [TQFP64]   | (4843)       |
| Cypress | CYAT81650-100AA48  | [TQFP100]  | (4153)       |
| Cypress | CYAT81650-100AS48  | [TQFP100]  | (4153)       |
| Cypress | CYAT81652-100AA48  | [TQFP100]  | (4153)       |
| Cypress | CYAT81652-100AS48  | [TQFP100]  | (4153)       |
| Cypress | CYAT81655-100AA48  | [TQFP100]  | (4153)       |
| Cypress | CYAT81655-100AS48  | [TQFP100]  | (4153)       |
| Cypress | CYAT81658-100AA48  | [TQFP100]  | (4153)       |
| Cypress | CYAT81658-100AS48  | [TQFP100]  | (4153)       |
| Cypress | CYAT81659-100AA48  | [TQFP100]  | (4153)       |
| Cypress | CYAT81659-100AS48  | [TQFP100]  | (4153)       |
| Cypress | CYAT81659-64AS48   | [TQFP64]   | (4843)       |
| Cypress | CYAT81682-100AA61  | [TQFP100]  | (4153)       |
| Cypress | CYAT81682-100AA71  | [TQFP100]  | (4153)       |
| Cypress | CYAT81682-100AA77  | [TQFP100]  | (4153)       |
| Cypress | CYAT81682-100AS61  | [TQFP100]  | (4153)       |
| Cypress | CYAT81682-100AS71  | [TQFP100]  | (4153)       |
| Cypress | CYAT81682-100AS77  | [TQFP100]  | (4153)       |
| Cypress | CYAT81682-128AA88  | [TQFP100]  | (4153)       |
| Cypress | CYAT81682-128AS88  | [TQFP100]  | (4153)       |
| Cypress | CYAT81685-100AA61  | [TQFP100]  | (4153)       |
| Cypress | CYAT81685-100AA71  | [TQFP100]  | (4153)       |
| Cypress | CYAT81685-100AA77  | [TQFP100]  | (4153)       |
| Cypress | CYAT81685-100AS61  | [TQFP100]  | (4153)       |
| Cypress | CYAT81685-100AS71  | [TQFP100]  | (4153)       |
| Cypress | CYAT81685-100AS77  | [TQFP100]  | (4153)       |
| Cypress | CYAT81685-128AA88  | [TQFP100]  | (4153)       |
| Cypress | CYAT81685-128AS88  | [TQFP100]  | (4153)       |
| Cypress | CYAT81688-100AA61  | [TQFP100]  | (4153)       |
| Cypress | CYAT81688-100AA71  | [TQFP100]  | (4153)       |
| Cypress | CYAT81688-100AA77  | [TQFP100]  | (4153)       |
| Cypress | CYAT81688-100AS61  | [TQFP100]  | (4153)       |
| Cypress | CYAT81688-100AS71  | [TQFP100]  | (4153)       |
| Cypress | CYAT81688-100AS77  | [TQFP100]  | (4153)       |
| Cypress | CYAT81688-128AA88  | [TQFP100]  | (4153)       |
| Cypress | CYAT81688-128AS88  | [TQFP100]  | (4153)       |
| Cypress | CYAT817AZA72-3BFBA | [TQFP100]  | (4153)       |
| Cypress | CYAT817AZA77-3BFBA | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZA88-53002 | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZA88-5B002 | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZA88-5B202 | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZA88-5BFBA | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZA98-42002 | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZA98-53002 | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZA98-5B002 | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZA98-5B202 | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZA98-5BFBA | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZS61-3A002 | [TQFP100]  | (4153)       |
| Cypress | CYAT817AZS61-3A202 | [TQFP100]  | (4153)       |
| Cypress | CYAT817AZS72-32002 | [TQFP100]  | (4153)       |
| Cypress | CYAT817AZS72-33002 | [TQFP100]  | (4153)       |
| Cypress | CYAT817AZS72-3B002 | [TQFP100]  | (4153)       |
| Cypress | CYAT817AZS72-3B202 | [TQFP100]  | (4153)       |
| Cypress | CYAT817AZS72-3BFBA | [TQFP100]  | (4153)       |
| Cypress | CYAT817AZS77-520DA | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZS77-52C02 | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZS77-5A002 | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZS77-5A202 | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZS77-5BFBA | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZS88-52002 | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZS88-5BFBA | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZS98-42002 | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZS98-523DA | [TQFP128]  | (4844)       |
| Cypress | CYAT817AZS98-5BFBA | [TQFP128]  | (4844)       |
| Cypress | CYBL10161-56LQXI   | (ISP)      | (138) (9997) |
| Cypress | CYBL10161-56LQXI   | [QFN56]    | (3606)       |
| Cypress | CYBL10162-56LQXI   | (ISP)      | (138) (9997) |
| Cypress | CYBL10162-56LQXI   | [QFN56]    | (3606)       |
| Cypress | CYBL10463-56LQXI   | (ISP)      | (138) (9997) |
| Cypress | CYBL10463-56LQXI   | [QFN56]    | (3606)       |
| Cypress | CYBLE-022001-00    | (ISP)      | (138) (9997) |
| Cypress | CYP25G01K100       | (ISP)      | (138)        |
| Cypress | CYP25G02K100       | (ISP)      | (138)        |
| Cypress | CYPD1121-40LQXI    | [QFN40]    | (2941)       |
| Cypress | CYPD1122-40LQXI    | [QFN40]    | (2941)       |
| Cypress | CYPD1132-165XI     | [SOIC16]   | (4833)       |
| Cypress | CYPD1132-165XQ     | [SOIC16]   | (4833)       |
| Cypress | CYPD1134-40LQXI    | [QFN40]    | (2941)       |
| Cypress | CYPD2119-24LQXI    | [QFN24]    | (4830)       |
| Cypress | CYPD2120-24LQXI    | [QFN24]    | (4830)       |
| Cypress | CYPD2121-24LQXI    | [QFN24]    | (4830)       |
| Cypress | CYPD2122-24LQXI    | [QFN24]    | (4830)       |
| Cypress | CYPD2125-24LQXI    | [QFN24]    | (4830)       |
| Cypress | CYPD2134-24LQXI    | [QFN24]    | (4830)       |
| Cypress | CYPD2134-24LQXQ    | [QFN24]    | (4830)       |
| Cypress | CYPD3120-40LQXI    | [QFN40]    | (4218)       |
| Cypress | CYPD3121-40LQXI    | [QFN40]    | (4218)       |
| Cypress | CYPD3122-40LQXI    | [QFN40]    | (4218)       |
| Cypress | CYPD3123-40LQXI    | [QFN40]    | (4218)       |
| Cypress | CYPD3125-40LQXI    | [QFN40]    | (4218)       |
| Cypress | CYPD3135-32LQXQ    | [QFN32]    | (4827)       |
| Cypress | CYPD3135-40LQXI    | [QFN40]    | (4218)       |
| Cypress | CYPD3135-40LQXQ    | [QFN40]    | (4218)       |
| Cypress | CYPD3171-24LQXQ    | [QFN24]    | (4829)       |
| Cypress | CYPD3174-165XQ     | [SOIC16]   | (4832)       |
| Cypress | CYPD3174-24LQXQ    | [QFN24]    | (4829)       |
| Cypress | CYPD3175-24LQXQ    | [QFN24]    | (4829)       |
| Cypress | CYPD3177-24LQXQ    | [QFN24]    | (4829)       |
| Cypress | CYPD4125-40LQXI    | [QFN40]    | (4219)       |
| Cypress | CYPD4126-24LQXI    | [QFN24]    | (4831)       |
| Cypress | CYPD4126-40LQXI    | [QFN40]    | (4219)       |
| Cypress | CYPD4135-40LQXI    | [QFN40]    | (4219)       |
| Cypress | CYPD4136-24LQXI    | [QFN24]    | (4831)       |
| Cypress | CYPD4136-40LQXI    | [QFN40]    | (4219)       |
| Cypress | CYPD4225-40LQXI    | [QFN40]    | (4219)       |
| Cypress | CYPD4226-40LQXI    | [QFN40]    | (4219)       |
| Cypress | CYPD4235-40LQXI    | [QFN40]    | (4219)       |



|         |                             |              |
|---------|-----------------------------|--------------|
| Cypress | CYPD4236-40LQXI [QFN40]     | (4219)       |
| Cypress | CYS25G01K100 (ISP)          | (138)        |
| Cypress | CYS25G02K100 (ISP)          | (138)        |
| Cypress | CYSHM35925I-M068LTI [QFN68] | (3761)       |
| Cypress | CYTT21100-48LQI36 (ISP)     | (138) (9997) |
| Cypress | CYTT21100-48LQI36 [QFN48]   | (4828)       |
| Cypress | CYTT21401-44LQx35 [QFN44]   | (3662)       |
| Cypress | FL256SAIH20 [BGA24]         | (1343) (*1)  |
| Cypress | FL256SAIHC0 [BGA24]         | (1343) (*1)  |
| Cypress | FM1608B                     | (51)         |
| Cypress | FM1608B [SOIC28]            | (51)         |
| Cypress | FM16W08 [SOIC28]            | (51)         |
| Cypress | FM1808B [SOIC28]            | (51)         |
| Cypress | FM18W08 [SOIC28]            | (51)         |
| Cypress | FM21L16 [TSOP44]            | (149)        |
| Cypress | FM21LD16 [FBGA48]           | (1525)       |
| Cypress | FM22L16 [TSOP44]            | (149)        |
| Cypress | FM22LD16 [FBGA48]           | (1525)       |
| Cypress | FM24C04B (ISP)              | (138)        |
| Cypress | FM24C04B [SOIC8]            | (950)        |
| Cypress | FM24C16B (ISP)              | (138)        |
| Cypress | FM24C16B [SOIC8]            | (950)        |
| Cypress | FM24C64B (ISP)              | (138)        |
| Cypress | FM24C64B [SOIC8]            | (950)        |
| Cypress | FM24CL04B (ISP)             | (138)        |
| Cypress | FM24CL04B [SOIC8]           | (950)        |
| Cypress | FM24CL16B (ISP)             | (138)        |
| Cypress | FM24CL16B [SOIC8]           | (950)        |
| Cypress | FM24CL64B (ISP)             | (138)        |
| Cypress | FM24CL64B [SOIC8]           | (950)        |
| Cypress | FM24CL64B-GA (ISP)          | (138)        |
| Cypress | FM24CL64B-GA [SOIC8]        | (950)        |
| Cypress | FM24V01 (ISP)               | (138)        |
| Cypress | FM24V01 [SOIC8]             | (950)        |
| Cypress | FM24V02 (ISP)               | (138)        |
| Cypress | FM24V02 [SOIC8]             | (950)        |
| Cypress | FM24V02A (ISP)              | (138)        |
| Cypress | FM24V02A [SOIC8-150]        | (950)        |
| Cypress | FM24V05 (ISP)               | (138)        |
| Cypress | FM24V05 [SOIC8]             | (950)        |
| Cypress | FM24V10 (ISP)               | (138)        |
| Cypress | FM24V10 [SOIC8]             | (950)        |
| Cypress | FM24VN10 (ISP)              | (138)        |
| Cypress | FM24VN10 [SOIC8]            | (950)        |
| Cypress | FM24W256 (ISP)              | (138)        |
| Cypress | FM24W256 [SOIC8-150]        | (950)        |
| Cypress | FM25040B (ISP)              | (138)        |
| Cypress | FM25040B [SOIC8]            | (950)        |
| Cypress | FM25040B-GA (ISP)           | (138)        |
| Cypress | FM25040B-GA [SOIC8]         | (950)        |
| Cypress | FM25640B (ISP)              | (138)        |
| Cypress | FM25640B [SOIC8]            | (950)        |
| Cypress | FM25640B-GA (ISP)           | (138)        |
| Cypress | FM25640B-GA [SOIC8]         | (950)        |
| Cypress | FM25C160B (ISP)             | (138)        |
| Cypress | FM25C160B [SOIC8]           | (950)        |
| Cypress | FM25C160B-GA (ISP)          | (138)        |
| Cypress | FM25C160B-GA [SOIC8]        | (950)        |
| Cypress | FM25CL64B (ISP)             | (138)        |
| Cypress | FM25CL64B [SOIC8]           | (950)        |
| Cypress | FM25CL64B-GA (ISP)          | (138)        |
| Cypress | FM25CL64B-GA [SOIC8]        | (950)        |
| Cypress | FM25H20 (ISP)               | (138)        |
| Cypress | FM25H20 [SOIC8]             | (46)         |
| Cypress | FM25H20 [TDFN8]             | (577)        |
| Cypress | FM25L04B (ISP)              | (138)        |
| Cypress | FM25L04B [SOIC8]            | (950)        |
| Cypress | FM25L04B-GA (ISP)           | (138)        |
| Cypress | FM25L04B-GA [SOIC8]         | (950)        |
| Cypress | FM25L16B (ISP)              | (138)        |
| Cypress | FM25L16B [SOIC8]            | (950)        |
| Cypress | FM25V01 (ISP)               | (138)        |
| Cypress | FM25V01 [SOIC8]             | (950)        |
| Cypress | FM25V01A (ISP)              | (138)        |
| Cypress | FM25V01A [SOIC8-150]        | (950)        |
| Cypress | FM25V02 (ISP)               | (138)        |
| Cypress | FM25V02 [SOIC8]             | (950)        |
| Cypress | FM25V02A (ISP)              | (138)        |
| Cypress | FM25V02A [SOIC8-150]        | (950)        |
| Cypress | FM25V05 (ISP)               | (138)        |
| Cypress | FM25V05 [SOIC8]             | (950)        |
| Cypress | FM25V10 (ISP)               | (138)        |
| Cypress | FM25V10 [SOIC8]             | (950)        |
| Cypress | FM25V20                     | (138)        |
| Cypress | FM25V20 (ISP)               | (138)        |
| Cypress | FM25V20 [SOIC8]             | (950)        |
| Cypress | FM25V20 [TDFN8]             | (577)        |
| Cypress | FM25V20A                    | (138)        |
| Cypress | FM25V20A (ISP)              | (138)        |
| Cypress | FM25V20A [DFN8 5x6]         | (577)        |
| Cypress | FM25V20A [SOIC8-200]        | (46)         |
| Cypress | FM25V40 (ISP)               | (138)        |
| Cypress | FM25V40 [SOIC8-200]         | (46)         |
| Cypress | FM25VN10 (ISP)              | (138)        |
| Cypress | FM25VN10 [SOIC8]            | (950)        |
| Cypress | FM25W256 (ISP)              | (138)        |
| Cypress | FM25W256 [SOIC8]            | (950)        |
| Cypress | FM28V020 [SOP28]            | (51)         |
| Cypress | FM28V020 [TSOP28]           | (54)         |
| Cypress | FM28V020 [TSOP32]           | (525)        |
| Cypress | FM28V100 [TSOP32]           | (525)        |
| Cypress | FM28V102A [TSOP44]          | (149)        |
| Cypress | FM28V202A [TSOP44]          | (149)        |
| Cypress | JTAG chain (ISP-Jam)        | (138)        |
| Cypress | JTAG chain (ISP-SVF)        | (138)        |
| Cypress | MB89F202RAP-SH [SDIP32]     | (2335)       |
| Cypress | MB89F202RAYPFV [SSOP34]     | (2336)       |
| Cypress | MB89F538-101PF [QFP64]      | (4054)       |
| Cypress | MB90F342CEPMC [LQFP100]     | (761)        |
| Cypress | MB90F342CESPMC [LQFP100]    | (761)        |
| Cypress | MB90F342EPMC [LQFP100]      | (761)        |
| Cypress | MB90F345CEPF [QFP100]       | (1110)       |
| Cypress | MB90F345CEPMC [LQFP100]     | (761)        |
| Cypress | MB90F345CESPF [QFP100]      | (1110)       |
| Cypress | MB90F345CESPMC [LQFP100]    | (761)        |
| Cypress | MB90F345EPF [QFP100]        | (1110)       |
| Cypress | MB90F345EPMC [LQFP100]      | (761)        |
| Cypress | MB90F345ESPF [QFP100]       | (1110)       |
| Cypress | MB90F345ESPMC [LQFP100]     | (761)        |
| Cypress | MB90F349CEPMC [LQFP100]     | (761)        |
| Cypress | MB90F349EPMC [LQFP100]      | (761)        |
| Cypress | MB90F351EPMC [LQFP64]       | (2267)       |
| Cypress | MB90F351EPMC1 [LQFP64]      | (2586)       |
| Cypress | MB90F351ESPMC [LQFP64]      | (2267)       |
| Cypress | MB90F351ESPMC1 [LQFP64]     | (2586)       |

|         |                           |        |
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| Cypress | MB90F351TEPMC [LQFP64]    | (2267) |
| Cypress | MB90F351TEPMC1 [LQFP64]   | (2586) |
| Cypress | MB90F351TESPMC [LQFP64]   | (2267) |
| Cypress | MB90F351TESPMC1 [LQFP64]  | (2586) |
| Cypress | MB90F352EPMC [LQFP64]     | (2267) |
| Cypress | MB90F352EPMC1 [LQFP64]    | (2586) |
| Cypress | MB90F352ESPMC [LQFP64]    | (2267) |
| Cypress | MB90F352ESPMC1 [LQFP64]   | (2586) |
| Cypress | MB90F352TEPMC [LQFP64]    | (2267) |
| Cypress | MB90F352TEPMC1 [LQFP64]   | (2586) |
| Cypress | MB90F352TESPMC [LQFP64]   | (2267) |
| Cypress | MB90F352TESPMC1 [LQFP64]  | (2586) |
| Cypress | MB90F356EPMC [LQFP64]     | (2267) |
| Cypress | MB90F356EPMC1 [LQFP64]    | (2586) |
| Cypress | MB90F356ESPMC [LQFP64]    | (2267) |
| Cypress | MB90F356ESPMC1 [LQFP64]   | (2586) |
| Cypress | MB90F356TEPMC [LQFP64]    | (2267) |
| Cypress | MB90F356TEPMC1 [LQFP64]   | (2586) |
| Cypress | MB90F356TESPMC [LQFP64]   | (2267) |
| Cypress | MB90F356TESPMC1 [LQFP64]  | (2586) |
| Cypress | MB90F357EPMC [LQFP64]     | (2267) |
| Cypress | MB90F357EPMC1 [LQFP64]    | (2586) |
| Cypress | MB90F357ESPMC [LQFP64]    | (2267) |
| Cypress | MB90F357ESPMC1 [LQFP64]   | (2586) |
| Cypress | MB90F357TEPMC [LQFP64]    | (2267) |
| Cypress | MB90F357TEPMC1 [LQFP64]   | (2586) |
| Cypress | MB90F357TESPMC [LQFP64]   | (2267) |
| Cypress | MB90F357TESPMC1 [LQFP64]  | (2586) |
| Cypress | MB90F362EPMT [LQFP48]     | (174)  |
| Cypress | MB90F362ESPMT [LQFP48]    | (174)  |
| Cypress | MB90F362TEPMT [LQFP48]    | (174)  |
| Cypress | MB90F362TESPMT [LQFP48]   | (174)  |
| Cypress | MB90F367EPMT [LQFP48]     | (2585) |
| Cypress | MB90F367ESPMT [LQFP48]    | (2585) |
| Cypress | MB90F367TEPMT [LQFP48]    | (2585) |
| Cypress | MB90F367TESPMT [LQFP48]   | (2585) |
| Cypress | MB90F387PMT [LQFP48]      | (2585) |
| Cypress | MB90F387SPMT [LQFP48]     | (174)  |
| Cypress | MB90F394H [LQFP120]       | (2579) |
| Cypress | MB90F394HA [LQFP120]      | (2579) |
| Cypress | MB90F395H [LQFP120]       | (2579) |
| Cypress | MB90F395HA [LQFP120]      | (2579) |
| Cypress | MB90F423GAPF [QFP100]     | (941)  |
| Cypress | MB90F423GCPF [QFP100]     | (941)  |
| Cypress | MB90F428GAPF [QFP100]     | (941)  |
| Cypress | MB90F428GCPF [QFP100]     | (941)  |
| Cypress | MB90F438LPF [QFP100]      | (2671) |
| Cypress | MB90F438LSPF [QFP100]     | (2671) |
| Cypress | MB90F439PF [QFP100]       | (2671) |
| Cypress | MB90F439SPF [QFP100]      | (2671) |
| Cypress | MB90F455PMT [LQFP48]      | (2585) |
| Cypress | MB90F455SPMT [LQFP48]     | (174)  |
| Cypress | MB90F456PMT [LQFP48]      | (2585) |
| Cypress | MB90F456SPMT [LQFP48]     | (174)  |
| Cypress | MB90F457PMT [LQFP48]      | (2585) |
| Cypress | MB90F457SPMT [LQFP48]     | (174)  |
| Cypress | MB90F497GPF [QFP64]       | (629)  |
| Cypress | MB90F497GPMC [LQFP64]     | (628)  |
| Cypress | MB90F498GPF [QFP64]       | (629)  |
| Cypress | MB90F498GPMC [LQFP64]     | (628)  |
| Cypress | MB90F543GPF [QFP100]      | (941)  |
| Cypress | MB90F543GPFR [QFP100]     | (941)  |
| Cypress | MB90F543GSPF [QFP100]     | (941)  |
| Cypress | MB90F546GPF [QFP100]      | (941)  |
| Cypress | MB90F546GSPF [QFP100]     | (941)  |
| Cypress | MB90F548GLPF [QFP100]     | (941)  |
| Cypress | MB90F548GPF [QFP100]      | (941)  |
| Cypress | MB90F548GSPF [QFP100]     | (941)  |
| Cypress | MB90F548SPMC [LQFP100]    | (607)  |
| Cypress | MB90F549GPF [QFP100]      | (941)  |
| Cypress | MB90F549GSPF [QFP100]     | (941)  |
| Cypress | MB90F553APF [QFP100]      | (2671) |
| Cypress | MB90F562BP [SDIP64]       | (630)  |
| Cypress | MB90F562BPF [QFP64]       | (629)  |
| Cypress | MB90F562BPMC [LQFP64]     | (628)  |
| Cypress | MB90F591GPF [QFP100]      | (941)  |
| Cypress | MB90F594GPF [QFP100]      | (941)  |
| Cypress | MB90F598GPF [QFP100]      | (941)  |
| Cypress | MB90F804-101PF [QFP100]   | (2755) |
| Cypress | MB90F804-201PF [QFP100]   | (2755) |
| Cypress | MB90F823BPMC1 [LQFP80]    | (4042) |
| Cypress | MB90F867EPF [QFP100]      | (738)  |
| Cypress | MB90F867EPMC [LQFP100]    | (761)  |
| Cypress | MB90F867ESPF [QFP100]     | (738)  |
| Cypress | MB90F867ESPMC [LQFP100]   | (761)  |
| Cypress | MB90F947APF [QFP100]      | (738)  |
| Cypress | MB90F949APF [QFP100]      | (738)  |
| Cypress | MB90F962PMT [LQFP48]      | (2585) |
| Cypress | MB90F962SPMT [LQFP48]     | (2585) |
| Cypress | MB91F362GBPFVS [QFP208]   | (5034) |
| Cypress | MB91F366GBPMT [LQFP120]   | (1220) |
| Cypress | MB91F368GBPMT [LQFP120]   | (1220) |
| Cypress | MB91F369GAPQS1 [QFP160]   | (4834) |
| Cypress | MB91F467DAPFV [QFP208]    | (2285) |
| Cypress | MB91F467DBPFV [QFP208]    | (2285) |
| Cypress | MB91F524BxxPMC1 [LQFP64]  | (3797) |
| Cypress | MB91F526BxxPMC1 [LQFP64]  | (3797) |
| Cypress | MB91F526FxxPMC [LQFP100]  | (5035) |
| Cypress | MB91F526LxxPMC [LQFP176]  | (4534) |
| Cypress | MB91F575BHPMC [LQFP144]   | (4344) |
| Cypress | MB91F575BHSPMC [LQFP144]  | (4344) |
| Cypress | MB91F575BHSPMC1 [LQFP144] | (4343) |
| Cypress | MB91F575BPMC [LQFP144]    | (4344) |
| Cypress | MB91F575BSPMC [LQFP144]   | (4344) |
| Cypress | MB91F575BSPMC1 [LQFP144]  | (4343) |
| Cypress | MB91F575CHPMC [LQFP144]   | (4344) |
| Cypress | MB91F575CHSBPMC [LQFP144] | (4344) |
| Cypress | MB91F575CPMC [LQFP144]    | (4344) |
| Cypress | MB91F575CSPMC [LQFP144]   | (4344) |
| Cypress | MB91F577BHPMC [LQFP144]   | (4344) |
| Cypress | MB91F577BHSPMC [LQFP144]  | (4344) |
| Cypress | MB91F577BHSPMC1 [LQFP144] | (4343) |
| Cypress | MB91F577BPMC [LQFP144]    | (4344) |
| Cypress | MB91F577BSPMC [LQFP144]   | (4344) |
| Cypress | MB91F577CHPMC [LQFP144]   | (4344) |
| Cypress | MB91F577CHSPMC [LQFP144]  | (4344) |
| Cypress | MB91F577CPMC [LQFP144]    | (4344) |
| Cypress | MB91F577CSPMC [LQFP144]   | (4344) |
| Cypress | MB91F578CHPMC [LQFP144]   | (4344) |
| Cypress | MB91F578CHPMC1 [LQFP144]  | (4343) |
| Cypress | MB91F578CHSPMC [LQFP144]  | (4344) |
| Cypress | MB91F578CHSPMC1 [LQFP144] | (4343) |
| Cypress | MB91F578CPMC [LQFP144]    | (4344) |
| Cypress | MB91F578CPMC1 [LQFP144]   | (4343) |
| Cypress | MB91F578CSPMC [LQFP144]   | (4344) |
| Cypress | MB91F578CSPMC1 [LQFP144]  | (4343) |
| Cypress | MB91F579CHPMC [LQFP144]   | (4344) |

|         |                           |              |
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| Cypress | MB91F579CHPMC1 [LQFP144]  | (4343)       |
| Cypress | MB91F579CHSPMC [LQFP144]  | (4344)       |
| Cypress | MB91F579CHSPMC1 [LQFP144] | (4343)       |
| Cypress | MB91F579CPMC [LQFP144]    | (4344)       |
| Cypress | MB91F579CPMC1 [LQFP144]   | (4343)       |
| Cypress | MB91F579CSPMC [LQFP144]   | (4344)       |
| Cypress | MB91F579CSPMC1 [LQFP144]  | (4343)       |
| Cypress | MB95F116MASPMC [LQFP52]   | (2403)       |
| Cypress | MB95F116MAWPMC [LQFP52]   | (2403)       |
| Cypress | MB95F116MSPMC [LQFP52]    | (2403)       |
| Cypress | MB95F116MWPMC [LQFP52]    | (2403)       |
| Cypress | MB95F116NASPMC [LQFP52]   | (2403)       |
| Cypress | MB95F116NAWPMC [LQFP52]   | (2403)       |
| Cypress | MB95F116NSPMC [LQFP52]    | (2403)       |
| Cypress | MB95F116NWPMC [LQFP52]    | (2403)       |
| Cypress | MB95F118JSPMC [LQFP52]    | (2403)       |
| Cypress | MB95F118JWPMC [LQFP52]    | (2403)       |
| Cypress | MB95F118MSPMC [LQFP52]    | (2403)       |
| Cypress | MB95F118MWPMC [LQFP52]    | (2403)       |
| Cypress | MB95F118NSPMC [LQFP52]    | (2403)       |
| Cypress | MB95F118NWPMC [LQFP52]    | (2403)       |
| Cypress | MB95F128JBPMC [LQFP100]   | (1166)       |
| Cypress | MB95F128MBPMC [LQFP100]   | (1166)       |
| Cypress | MB95F128NBPMC [LQFP100]   | (1166)       |
| Cypress | MB95F136 [SOP28]          | (53)         |
| Cypress | MB95F136 [SSOP30]         | (1113)       |
| Cypress | MB95F146SPMC [LQFP32]     | (2672)       |
| Cypress | MB95F146WPMC [LQFP32]     | (2672)       |
| Cypress | MB95F156JPMC [LQFP52]     | (2629)       |
| Cypress | MB95F156JPMT [LQFP48]     | (2628)       |
| Cypress | MB95F156MPMC [LQFP52]     | (2629)       |
| Cypress | MB95F156MPMT [LQFP48]     | (2628)       |
| Cypress | MB95F156NPMC [LQFP52]     | (2629)       |
| Cypress | MB95F156NPMT [LQFP48]     | (2628)       |
| Cypress | MB95F202H (ISP)           | (138) (9997) |
| Cypress | MB95F202HP [SDIP24]       | (2359)       |
| Cypress | MB95F202HPF [SOP20]       | (2358)       |
| Cypress | MB95F202K (ISP)           | (138) (9997) |
| Cypress | MB95F202KP [SDIP24]       | (2359)       |
| Cypress | MB95F202KPF [SOP20]       | (2358)       |
| Cypress | MB95F203H (ISP)           | (138) (9997) |
| Cypress | MB95F203HP [SDIP24]       | (2359)       |
| Cypress | MB95F203HPF [SOP20]       | (2358)       |
| Cypress | MB95F203K (ISP)           | (138) (9997) |
| Cypress | MB95F203KP [SDIP24]       | (2359)       |
| Cypress | MB95F203KPF [SOP20]       | (2358)       |
| Cypress | MB95F204H (ISP)           | (138) (9997) |
| Cypress | MB95F204HP [SDIP24]       | (2359)       |
| Cypress | MB95F204HPF [SOP20]       | (2358)       |
| Cypress | MB95F204K (ISP)           | (138) (9997) |
| Cypress | MB95F204KP [SDIP24]       | (2359)       |
| Cypress | MB95F204KPF [SOP20]       | (2358)       |
| Cypress | MB95F212H (ISP)           | (138) (9997) |
| Cypress | MB95F212HPF [SOP8]        | (2356)       |
| Cypress | MB95F212HPH [DIP8]        | (2357)       |
| Cypress | MB95F212K (ISP)           | (138) (9997) |
| Cypress | MB95F212KPF [SOP8]        | (2356)       |
| Cypress | MB95F212KPH [DIP8]        | (2357)       |
| Cypress | MB95F213H (ISP)           | (138) (9997) |
| Cypress | MB95F213HPF [SOP8]        | (2356)       |
| Cypress | MB95F213HPH [DIP8]        | (2357)       |
| Cypress | MB95F213K (ISP)           | (138) (9997) |
| Cypress | MB95F213KPF [SOP8]        | (2356)       |
| Cypress | MB95F213KPH [DIP8]        | (2357)       |
| Cypress | MB95F214H (ISP)           | (138) (9997) |
| Cypress | MB95F214HPF [SOP8]        | (2356)       |
| Cypress | MB95F214HPH [DIP8]        | (2357)       |
| Cypress | MB95F214K (ISP)           | (138) (9997) |
| Cypress | MB95F214KPF [SOP8]        | (2356)       |
| Cypress | MB95F214KPH [DIP8]        | (2357)       |
| Cypress | MB95F222H (ISP)           | (138) (9997) |
| Cypress | MB95F222HPF [SOP16]       | (2334)       |
| Cypress | MB95F222HPH [DIP16]       | (2338)       |
| Cypress | MB95F222K (ISP)           | (138) (9997) |
| Cypress | MB95F222KPF [SOP16]       | (2334)       |
| Cypress | MB95F222KPH [DIP16]       | (2338)       |
| Cypress | MB95F223H (ISP)           | (138) (9997) |
| Cypress | MB95F223HPF [SOP16]       | (2334)       |
| Cypress | MB95F223HPH [DIP16]       | (2338)       |
| Cypress | MB95F223K (ISP)           | (138) (9997) |
| Cypress | MB95F223KPF [SOP16]       | (2334)       |
| Cypress | MB95F223KPH [DIP16]       | (2338)       |
| Cypress | MB95F262H (ISP)           | (138) (9997) |
| Cypress | MB95F262HP [SDIP24]       | (2359)       |
| Cypress | MB95F262HPF [SOP20]       | (2358)       |
| Cypress | MB95F262HPFT [TSSOP20]    | (2360)       |
| Cypress | MB95F262HWQN [QFN32]      | (2361)       |
| Cypress | MB95F262K (ISP)           | (138) (9997) |
| Cypress | MB95F262KP [SDIP24]       | (2359)       |
| Cypress | MB95F262KPF [SOP20]       | (2358)       |
| Cypress | MB95F262KPFT [TSSOP20]    | (2360)       |
| Cypress | MB95F262KWQN [QFN32]      | (2361)       |
| Cypress | MB95F263H (ISP)           | (138) (9997) |
| Cypress | MB95F263HP [SDIP24]       | (2359)       |
| Cypress | MB95F263HPF [SOP20]       | (2358)       |
| Cypress | MB95F263HPFT [TSSOP20]    | (2360)       |
| Cypress | MB95F263HWQN [QFN32]      | (2361)       |
| Cypress | MB95F263K (ISP)           | (138) (9997) |
| Cypress | MB95F263KP [SDIP24]       | (2359)       |
| Cypress | MB95F263KPF [SOP20]       | (2358)       |
| Cypress | MB95F263KPFT [TSSOP20]    | (2360)       |
| Cypress | MB95F263KWQN [QFN32]      | (2361)       |
| Cypress | MB95F264H (ISP)           | (138) (9997) |
| Cypress | MB95F264HP [SDIP24]       | (2359)       |
| Cypress | MB95F264HPF [SOP20]       | (2358)       |
| Cypress | MB95F264HPFT [TSSOP20]    | (2360)       |
| Cypress | MB95F264HWQN [QFN32]      | (2361)       |
| Cypress | MB95F264K (ISP)           | (138) (9997) |
| Cypress | MB95F264KP [SDIP24]       | (2359)       |
| Cypress | MB95F264KPF [SOP20]       | (2358)       |
| Cypress | MB95F264KPFT [TSSOP20]    | (2360)       |
| Cypress | MB95F264KWQN [QFN32]      | (2361)       |
| Cypress | MB95F272H (ISP)           | (138) (9997) |
| Cypress | MB95F272HPF [SOP8]        | (2356)       |
| Cypress | MB95F272HPH [DIP8]        | (2357)       |
| Cypress | MB95F272K (ISP)           | (138) (9997) |
| Cypress | MB95F272KPF [SOP8]        | (2356)       |
| Cypress | MB95F272KPH [DIP8]        | (2357)       |
| Cypress | MB95F273H (ISP)           | (138) (9997) |
| Cypress | MB95F273HPF [SOP8]        | (2356)       |
| Cypress | MB95F273HPH [DIP8]        | (2357)       |
| Cypress | MB95F273K (ISP)           | (138) (9997) |
| Cypress | MB95F273KPF [SOP8]        | (2356)       |
| Cypress | MB95F273KPH [DIP8]        | (2357)       |
| Cypress | MB95F274H (ISP)           | (138) (9997) |
| Cypress | MB95F274HPF [SOP8]        | (2356)       |
| Cypress | MB95F274HPH [DIP8]        | (2357)       |
| Cypress | MB95F274K (ISP)           | (138) (9997) |

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| Cypress | MB95F274KPF [SOP8]     | (2356)       |
| Cypress | MB95F274KPH [DIP8]     | (2357)       |
| Cypress | MB95F282H (ISP)        | (138) (9997) |
| Cypress | MB95F282HPF [SOP16]    | (2334)       |
| Cypress | MB95F282HPH [DIP16]    | (2338)       |
| Cypress | MB95F282HWQN [QFN32]   | (2337)       |
| Cypress | MB95F282K (ISP)        | (138) (9997) |
| Cypress | MB95F282KPF [SOP16]    | (2334)       |
| Cypress | MB95F282KPH [DIP16]    | (2338)       |
| Cypress | MB95F282KWQN [QFN32]   | (2337)       |
| Cypress | MB95F283H (ISP)        | (138) (9997) |
| Cypress | MB95F283HPF [SOP16]    | (2334)       |
| Cypress | MB95F283HPH [DIP16]    | (2338)       |
| Cypress | MB95F283HWQN [QFN32]   | (2337)       |
| Cypress | MB95F283K (ISP)        | (138) (9997) |
| Cypress | MB95F283KPF [SOP16]    | (2334)       |
| Cypress | MB95F283KPH [DIP16]    | (2338)       |
| Cypress | MB95F283KWQN [QFN32]   | (2337)       |
| Cypress | MB95F284H (ISP)        | (138) (9997) |
| Cypress | MB95F284HPF [SOP16]    | (2334)       |
| Cypress | MB95F284HPH [DIP16]    | (2338)       |
| Cypress | MB95F284HWQN [QFN32]   | (2337)       |
| Cypress | MB95F284K (ISP)        | (138) (9997) |
| Cypress | MB95F284KPF [SOP16]    | (2334)       |
| Cypress | MB95F284KPH [DIP16]    | (2338)       |
| Cypress | MB95F284KWQN [QFN32]   | (2337)       |
| Cypress | MB95F314E (ISP)        | (138) (9997) |
| Cypress | MB95F314EPMC [LQFP80]  | (2425)       |
| Cypress | MB95F314L (ISP)        | (138) (9997) |
| Cypress | MB95F314LPMC [LQFP80]  | (2425)       |
| Cypress | MB95F316E (ISP)        | (138) (9997) |
| Cypress | MB95F316EPMC [LQFP80]  | (2425)       |
| Cypress | MB95F316L (ISP)        | (138) (9997) |
| Cypress | MB95F316LPMC [LQFP80]  | (2425)       |
| Cypress | MB95F318E (ISP)        | (138) (9997) |
| Cypress | MB95F318EPMC [LQFP80]  | (2425)       |
| Cypress | MB95F318L (ISP)        | (138) (9997) |
| Cypress | MB95F318LPMC [LQFP80]  | (2425)       |
| Cypress | MB95F332H (ISP)        | (138) (9997) |
| Cypress | MB95F332HP [SDIP32]    | (2401)       |
| Cypress | MB95F332HPMC [LQFP32]  | (2402)       |
| Cypress | MB95F332HWQN [QFN32]   | (2362)       |
| Cypress | MB95F332K (ISP)        | (138) (9997) |
| Cypress | MB95F332KP [SDIP32]    | (2401)       |
| Cypress | MB95F332KPMC [LQFP32]  | (2402)       |
| Cypress | MB95F332KWQN [QFN32]   | (2362)       |
| Cypress | MB95F333H (ISP)        | (138) (9997) |
| Cypress | MB95F333HP [SDIP32]    | (2401)       |
| Cypress | MB95F333HPMC [LQFP32]  | (2402)       |
| Cypress | MB95F333HWQN [QFN32]   | (2362)       |
| Cypress | MB95F333K (ISP)        | (138) (9997) |
| Cypress | MB95F333KP [SDIP32]    | (2401)       |
| Cypress | MB95F333KPMC [LQFP32]  | (2402)       |
| Cypress | MB95F333KWQN [QFN32]   | (2362)       |
| Cypress | MB95F334H (ISP)        | (138) (9997) |
| Cypress | MB95F334HP [SDIP32]    | (2401)       |
| Cypress | MB95F334HPMC [LQFP32]  | (2402)       |
| Cypress | MB95F334HWQN [QFN32]   | (2362)       |
| Cypress | MB95F334K (ISP)        | (138) (9997) |
| Cypress | MB95F334KP [SDIP32]    | (2401)       |
| Cypress | MB95F334KPMC [LQFP32]  | (2402)       |
| Cypress | MB95F334KWQN [QFN32]   | (2362)       |
| Cypress | MB95F352E (ISP)        | (138) (9997) |
| Cypress | MB95F352EPF [SOP24]    | (1062)       |
| Cypress | MB95F352EPFT [TSSOP24] | (1090)       |
| Cypress | MB95F352EQN [QFN32]    | (2400)       |
| Cypress | MB95F352L (ISP)        | (138) (9997) |
| Cypress | MB95F352LPF [SOP24]    | (1062)       |
| Cypress | MB95F352LPFT [TSSOP24] | (1090)       |
| Cypress | MB95F352LWQN [QFN32]   | (2400)       |
| Cypress | MB95F353E (ISP)        | (138) (9997) |
| Cypress | MB95F353EPF [SOP24]    | (1062)       |
| Cypress | MB95F353EPFT [TSSOP24] | (1090)       |
| Cypress | MB95F353EQN [QFN32]    | (2400)       |
| Cypress | MB95F353L (ISP)        | (138) (9997) |
| Cypress | MB95F353LPF [SOP24]    | (1062)       |
| Cypress | MB95F353LPFT [TSSOP24] | (1090)       |
| Cypress | MB95F353LWQN [QFN32]   | (2400)       |
| Cypress | MB95F354E (ISP)        | (138) (9997) |
| Cypress | MB95F354EPF [SOP24]    | (1062)       |
| Cypress | MB95F354EPFT [TSSOP24] | (1090)       |
| Cypress | MB95F354EQN [QFN32]    | (2400)       |
| Cypress | MB95F354L (ISP)        | (138) (9997) |
| Cypress | MB95F354LPF [SOP24]    | (1062)       |
| Cypress | MB95F354LPFT [TSSOP24] | (1090)       |
| Cypress | MB95F354LWQN [QFN32]   | (2400)       |
| Cypress | MB95F374E (ISP)        | (138) (9997) |
| Cypress | MB95F374EPMC1 [LQFP64] | (2426)       |
| Cypress | MB95F374EPMC2 [LQFP64] | (2427)       |
| Cypress | MB95F374L (ISP)        | (138) (9997) |
| Cypress | MB95F374LPMC1 [LQFP64] | (2426)       |
| Cypress | MB95F374LPMC2 [LQFP64] | (2427)       |
| Cypress | MB95F376E (ISP)        | (138) (9997) |
| Cypress | MB95F376EPMC1 [LQFP64] | (2426)       |
| Cypress | MB95F376EPMC2 [LQFP64] | (2427)       |
| Cypress | MB95F376L (ISP)        | (138) (9997) |
| Cypress | MB95F376LPMC1 [LQFP64] | (2426)       |
| Cypress | MB95F376LPMC2 [LQFP64] | (2427)       |
| Cypress | MB95F378E (ISP)        | (138) (9997) |
| Cypress | MB95F378EPMC1 [LQFP64] | (2426)       |
| Cypress | MB95F378EPMC2 [LQFP64] | (2427)       |
| Cypress | MB95F378L (ISP)        | (138) (9997) |
| Cypress | MB95F378LPMC1 [LQFP64] | (2426)       |
| Cypress | MB95F378LPMC2 [LQFP64] | (2427)       |
| Cypress | MB95F394H (ISP)        | (138) (9997) |
| Cypress | MB95F394HPMC [LQFP48]  | (2580)       |
| Cypress | MB95F394HPMC1 [LQFP52] | (2956)       |
| Cypress | MB95F394HWQN [QFN48]   | (2581)       |
| Cypress | MB95F394K (ISP)        | (138) (9997) |
| Cypress | MB95F394KPMC [LQFP48]  | (2580)       |
| Cypress | MB95F394KPMC1 [LQFP52] | (2956)       |
| Cypress | MB95F394KWQN [QFN48]   | (2581)       |
| Cypress | MB95F396H (ISP)        | (138) (9997) |
| Cypress | MB95F396HPMC [LQFP48]  | (2580)       |
| Cypress | MB95F396HPMC1 [LQFP52] | (2956)       |
| Cypress | MB95F396HWQN [QFN48]   | (2581)       |
| Cypress | MB95F396K (ISP)        | (138) (9997) |
| Cypress | MB95F396KPMC [LQFP48]  | (2580)       |
| Cypress | MB95F396KPMC1 [LQFP52] | (2956)       |
| Cypress | MB95F396KWQN [QFN48]   | (2581)       |
| Cypress | MB95F398H (ISP)        | (138) (9997) |
| Cypress | MB95F398HPMC [LQFP48]  | (2580)       |
| Cypress | MB95F398HPMC1 [LQFP52] | (2956)       |
| Cypress | MB95F398HWQN [QFN48]   | (2581)       |
| Cypress | MB95F398K (ISP)        | (138) (9997) |
| Cypress | MB95F398KPMC [LQFP48]  | (2580)       |
| Cypress | MB95F398KPMC1 [LQFP52] | (2956)       |
| Cypress | MB95F398KWQN [QFN48]   | (2581)       |

|         |                         |              |
|---------|-------------------------|--------------|
| Cypress | MB95F414H (ISP)         | (138) (9997) |
| Cypress | MB95F414HPMC [LQFP80]   | (2582)       |
| Cypress | MB95F414K (ISP)         | (138) (9997) |
| Cypress | MB95F414KPMC [LQFP80]   | (2582)       |
| Cypress | MB95F416H (ISP)         | (138) (9997) |
| Cypress | MB95F416HPMC [LQFP80]   | (2582)       |
| Cypress | MB95F416K (ISP)         | (138) (9997) |
| Cypress | MB95F416KPMC [LQFP80]   | (2582)       |
| Cypress | MB95F418H (ISP)         | (138) (9997) |
| Cypress | MB95F418HPMC [LQFP80]   | (2582)       |
| Cypress | MB95F418K (ISP)         | (138) (9997) |
| Cypress | MB95F418KPMC [LQFP80]   | (2582)       |
| Cypress | MB95F474H (ISP)         | (138) (9997) |
| Cypress | MB95F474HPMC1 [LQFP64]  | (2583)       |
| Cypress | MB95F474HPMC2 [LQFP64]  | (2584)       |
| Cypress | MB95F474K (ISP)         | (138) (9997) |
| Cypress | MB95F474KPMC1 [LQFP64]  | (2583)       |
| Cypress | MB95F474KPMC2 [LQFP64]  | (2584)       |
| Cypress | MB95F476H (ISP)         | (138) (9997) |
| Cypress | MB95F476HPMC1 [LQFP64]  | (2583)       |
| Cypress | MB95F476HPMC2 [LQFP64]  | (2584)       |
| Cypress | MB95F476K (ISP)         | (138) (9997) |
| Cypress | MB95F476KPMC1 [LQFP64]  | (2583)       |
| Cypress | MB95F476KPMC2 [LQFP64]  | (2584)       |
| Cypress | MB95F478H (ISP)         | (138) (9997) |
| Cypress | MB95F478HPMC1 [LQFP64]  | (2583)       |
| Cypress | MB95F478HPMC2 [LQFP64]  | (2584)       |
| Cypress | MB95F478K (ISP)         | (138) (9997) |
| Cypress | MB95F478KPMC1 [LQFP64]  | (2583)       |
| Cypress | MB95F478KPMC2 [LQFP64]  | (2584)       |
| Cypress | MB95F562H (ISP)         | (138) (9997) |
| Cypress | MB95F562HNPF [SOP20]    | (2358)       |
| Cypress | MB95F562HNPFT [TSSOP20] | (2360)       |
| Cypress | MB95F562HNWQN [QFN32]   | (2361)       |
| Cypress | MB95F562HPF [SOP20]     | (2358)       |
| Cypress | MB95F562HPFT [TSSOP20]  | (2360)       |
| Cypress | MB95F562HWQN [QFN32]    | (2361)       |
| Cypress | MB95F562K (ISP)         | (138) (9997) |
| Cypress | MB95F562KNPF [SOP20]    | (2358)       |
| Cypress | MB95F562KNPFT [TSSOP20] | (2360)       |
| Cypress | MB95F562KNWQN [QFN32]   | (2361)       |
| Cypress | MB95F562KPF [SOP20]     | (2358)       |
| Cypress | MB95F562KPFT [TSSOP20]  | (2360)       |
| Cypress | MB95F562KWQN [QFN32]    | (2361)       |
| Cypress | MB95F563H (ISP)         | (138) (9997) |
| Cypress | MB95F563HNPF [SOP20]    | (2358)       |
| Cypress | MB95F563HNPFT [TSSOP20] | (2360)       |
| Cypress | MB95F563HNWQN [QFN32]   | (2361)       |
| Cypress | MB95F563HPF [SOP20]     | (2358)       |
| Cypress | MB95F563HPFT [TSSOP20]  | (2360)       |
| Cypress | MB95F563HWQN [QFN32]    | (2361)       |
| Cypress | MB95F563K (ISP)         | (138) (9997) |
| Cypress | MB95F563KNPF [SOP20]    | (2358)       |
| Cypress | MB95F563KNPFT [TSSOP20] | (2360)       |
| Cypress | MB95F563KNWQN [QFN32]   | (2361)       |
| Cypress | MB95F563KPF [SOP20]     | (2358)       |
| Cypress | MB95F563KPFT [TSSOP20]  | (2360)       |
| Cypress | MB95F563KWQN [QFN32]    | (2361)       |
| Cypress | MB95F564H (ISP)         | (138) (9997) |
| Cypress | MB95F564HNPF [SOP20]    | (2358)       |
| Cypress | MB95F564HNPFT [TSSOP20] | (2360)       |
| Cypress | MB95F564HNWQN [QFN32]   | (2361)       |
| Cypress | MB95F564HPF [SOP20]     | (2358)       |
| Cypress | MB95F564HPFT [TSSOP20]  | (2360)       |
| Cypress | MB95F564HWQN [QFN32]    | (2361)       |
| Cypress | MB95F564K (ISP)         | (138) (9997) |
| Cypress | MB95F564KNPF [SOP20]    | (2358)       |
| Cypress | MB95F564KNPFT [TSSOP20] | (2360)       |
| Cypress | MB95F564KNWQN [QFN32]   | (2361)       |
| Cypress | MB95F564KPF [SOP20]     | (2358)       |
| Cypress | MB95F564KPFT [TSSOP20]  | (2360)       |
| Cypress | MB95F564KWQN [QFN32]    | (2361)       |
| Cypress | MB95F572H (ISP)         | (138) (9997) |
| Cypress | MB95F572HNPF [SOP8]     | (2356)       |
| Cypress | MB95F572HPF [SOP8]      | (2356)       |
| Cypress | MB95F572K (ISP)         | (138) (9997) |
| Cypress | MB95F572KNPF [SOP8]     | (2356)       |
| Cypress | MB95F572KPF [SOP8]      | (2356)       |
| Cypress | MB95F573H (ISP)         | (138) (9997) |
| Cypress | MB95F573HNPF [SOP8]     | (2356)       |
| Cypress | MB95F573HPF [SOP8]      | (2356)       |
| Cypress | MB95F573K (ISP)         | (138) (9997) |
| Cypress | MB95F573KNPF [SOP8]     | (2356)       |
| Cypress | MB95F573KPF [SOP8]      | (2356)       |
| Cypress | MB95F574H (ISP)         | (138) (9997) |
| Cypress | MB95F574HNPF [SOP8]     | (2356)       |
| Cypress | MB95F574HPF [SOP8]      | (2356)       |
| Cypress | MB95F574K (ISP)         | (138) (9997) |
| Cypress | MB95F574KNPF [SOP8]     | (2356)       |
| Cypress | MB95F574KPF [SOP8]      | (2356)       |
| Cypress | MB95F582H (ISP)         | (138) (9997) |
| Cypress | MB95F582HNPF [SOP16]    | (2938)       |
| Cypress | MB95F582HNPFT [TSSOP16] | (2939)       |
| Cypress | MB95F582HNWQN [QFN32]   | (2337)       |
| Cypress | MB95F582HPF [SOP16]     | (2938)       |
| Cypress | MB95F582HPFT [TSSOP16]  | (2939)       |
| Cypress | MB95F582HWQN [QFN32]    | (2337)       |
| Cypress | MB95F582K (ISP)         | (138) (9997) |
| Cypress | MB95F582KNPF [SOP16]    | (2938)       |
| Cypress | MB95F582KNPFT [TSSOP16] | (2939)       |
| Cypress | MB95F582KNWQN [QFN32]   | (2337)       |
| Cypress | MB95F582KPF [SOP16]     | (2938)       |
| Cypress | MB95F582KPFT [TSSOP16]  | (2939)       |
| Cypress | MB95F582KWQN [QFN32]    | (2337)       |
| Cypress | MB95F583H (ISP)         | (138) (9997) |
| Cypress | MB95F583HNPF [SOP16]    | (2938)       |
| Cypress | MB95F583HNPFT [TSSOP16] | (2939)       |
| Cypress | MB95F583HNWQN [QFN32]   | (2337)       |
| Cypress | MB95F583HPF [SOP16]     | (2938)       |
| Cypress | MB95F583HPFT [TSSOP16]  | (2939)       |
| Cypress | MB95F583HWQN [QFN32]    | (2337)       |
| Cypress | MB95F583K (ISP)         | (138) (9997) |
| Cypress | MB95F583KNPF [SOP16]    | (2938)       |
| Cypress | MB95F583KNPFT [TSSOP16] | (2939)       |
| Cypress | MB95F583KNWQN [QFN32]   | (2337)       |
| Cypress | MB95F583KPF [SOP16]     | (2938)       |
| Cypress | MB95F583KPFT [TSSOP16]  | (2939)       |
| Cypress | MB95F583KWQN [QFN32]    | (2337)       |
| Cypress | MB95F584H (ISP)         | (138) (9997) |
| Cypress | MB95F584HNPF [SOP16]    | (2938)       |
| Cypress | MB95F584HNPFT [TSSOP16] | (2939)       |
| Cypress | MB95F584HNWQN [QFN32]   | (2337)       |
| Cypress | MB95F584HPF [SOP16]     | (2938)       |
| Cypress | MB95F584HPFT [TSSOP16]  | (2939)       |
| Cypress | MB95F584HWQN [QFN32]    | (2337)       |
| Cypress | MB95F584K (ISP)         | (138) (9997) |
| Cypress | MB95F584KNPF [SOP16]    | (2938)       |
| Cypress | MB95F584KNPFT [TSSOP16] | (2939)       |

|         |                         |              |
|---------|-------------------------|--------------|
| Cypress | MB95F584KNWQN [QFN32]   | (2337)       |
| Cypress | MB95F584KPF [SOP16]     | (2938)       |
| Cypress | MB95F584KPFT [TSSOP16]  | (2939)       |
| Cypress | MB95F584KWQN [QFN32]    | (2337)       |
| Cypress | MB95F632H (ISP)         | (138) (9997) |
| Cypress | MB95F632HNP [SDIP32]    | (2886)       |
| Cypress | MB95F632HNPMC [LQFP32]  | (2402)       |
| Cypress | MB95F632HNWQN [QFN32]   | (2362)       |
| Cypress | MB95F632HP [SDIP32]     | (2886)       |
| Cypress | MB95F632HPMC [LQFP32]   | (2402)       |
| Cypress | MB95F632HWQN [QFN32]    | (2362)       |
| Cypress | MB95F632K (ISP)         | (138) (9997) |
| Cypress | MB95F632KNP [SDIP32]    | (2886)       |
| Cypress | MB95F632KNPMC [LQFP32]  | (2402)       |
| Cypress | MB95F632KNWQN [QFN32]   | (2362)       |
| Cypress | MB95F632KP [SDIP32]     | (2886)       |
| Cypress | MB95F632KPMC [LQFP32]   | (2402)       |
| Cypress | MB95F632KWQN [QFN32]    | (2362)       |
| Cypress | MB95F633H (ISP)         | (138) (9997) |
| Cypress | MB95F633HNP [SDIP32]    | (2886)       |
| Cypress | MB95F633HNPMC [LQFP32]  | (2402)       |
| Cypress | MB95F633HNWQN [QFN32]   | (2362)       |
| Cypress | MB95F633HP [SDIP32]     | (2886)       |
| Cypress | MB95F633HPMC [LQFP32]   | (2402)       |
| Cypress | MB95F633HWQN [QFN32]    | (2362)       |
| Cypress | MB95F633K (ISP)         | (138) (9997) |
| Cypress | MB95F633KNP [SDIP32]    | (2886)       |
| Cypress | MB95F633KNPMC [LQFP32]  | (2402)       |
| Cypress | MB95F633KNWQN [QFN32]   | (2362)       |
| Cypress | MB95F633KP [SDIP32]     | (2886)       |
| Cypress | MB95F633KPMC [LQFP32]   | (2402)       |
| Cypress | MB95F633KWQN [QFN32]    | (2362)       |
| Cypress | MB95F634H (ISP)         | (138) (9997) |
| Cypress | MB95F634HNP [SDIP32]    | (2886)       |
| Cypress | MB95F634HNPMC [LQFP32]  | (2402)       |
| Cypress | MB95F634HNWQN [QFN32]   | (2362)       |
| Cypress | MB95F634HP [SDIP32]     | (2886)       |
| Cypress | MB95F634HPMC [LQFP32]   | (2402)       |
| Cypress | MB95F634HWQN [QFN32]    | (2362)       |
| Cypress | MB95F634K (ISP)         | (138) (9997) |
| Cypress | MB95F634KNP [SDIP32]    | (2886)       |
| Cypress | MB95F634KNPMC [LQFP32]  | (2402)       |
| Cypress | MB95F634KNWQN [QFN32]   | (2362)       |
| Cypress | MB95F634KP [SDIP32]     | (2886)       |
| Cypress | MB95F634KPMC [LQFP32]   | (2402)       |
| Cypress | MB95F634KWQN [QFN32]    | (2362)       |
| Cypress | MB95F636H (ISP)         | (138) (9997) |
| Cypress | MB95F636HNP [SDIP32]    | (2886)       |
| Cypress | MB95F636HNPMC [LQFP32]  | (2402)       |
| Cypress | MB95F636HNWQN [QFN32]   | (2362)       |
| Cypress | MB95F636HP [SDIP32]     | (2886)       |
| Cypress | MB95F636HPMC [LQFP32]   | (2402)       |
| Cypress | MB95F636HWQN [QFN32]    | (2362)       |
| Cypress | MB95F636K (ISP)         | (138) (9997) |
| Cypress | MB95F636KNP [SDIP32]    | (2886)       |
| Cypress | MB95F636KNPMC [LQFP32]  | (2402)       |
| Cypress | MB95F636KNWQN [QFN32]   | (2362)       |
| Cypress | MB95F636KP [SDIP32]     | (2886)       |
| Cypress | MB95F636KPMC [LQFP32]   | (2402)       |
| Cypress | MB95F636KWQN [QFN32]    | (2362)       |
| Cypress | MB95F652E (ISP)         | (138) (9997) |
| Cypress | MB95F652ENPF [SOP24]    | (2958)       |
| Cypress | MB95F652ENPFT [TSSOP24] | (2957)       |
| Cypress | MB95F652ENWQN [QFN32]   | (2959)       |
| Cypress | MB95F652EPF [SOP24]     | (2958)       |
| Cypress | MB95F652EPFT [TSSOP24]  | (2957)       |
| Cypress | MB95F652EWQN [QFN32]    | (2959)       |
| Cypress | MB95F652L (ISP)         | (138) (9997) |
| Cypress | MB95F652LNPF [SOP24]    | (2958)       |
| Cypress | MB95F652LNPFT [TSSOP24] | (2957)       |
| Cypress | MB95F652LNWQN [QFN32]   | (2959)       |
| Cypress | MB95F652LPF [SOP24]     | (2958)       |
| Cypress | MB95F652LPFT [TSSOP24]  | (2957)       |
| Cypress | MB95F652LWQN [QFN32]    | (2959)       |
| Cypress | MB95F653E (ISP)         | (138) (9997) |
| Cypress | MB95F653ENPF [SOP24]    | (2958)       |
| Cypress | MB95F653ENPFT [TSSOP24] | (2957)       |
| Cypress | MB95F653ENWQN [QFN32]   | (2959)       |
| Cypress | MB95F653EPF [SOP24]     | (2958)       |
| Cypress | MB95F653EPFT [TSSOP24]  | (2957)       |
| Cypress | MB95F653EWQN [QFN32]    | (2959)       |
| Cypress | MB95F653L (ISP)         | (138) (9997) |
| Cypress | MB95F653LNPF [SOP24]    | (2958)       |
| Cypress | MB95F653LNPFT [TSSOP24] | (2957)       |
| Cypress | MB95F653LNWQN [QFN32]   | (2959)       |
| Cypress | MB95F653LPF [SOP24]     | (2958)       |
| Cypress | MB95F653LPFT [TSSOP24]  | (2957)       |
| Cypress | MB95F653LWQN [QFN32]    | (2959)       |
| Cypress | MB95F654E (ISP)         | (138) (9997) |
| Cypress | MB95F654ENPF [SOP24]    | (2958)       |
| Cypress | MB95F654ENPFT [TSSOP24] | (2957)       |
| Cypress | MB95F654ENWQN [QFN32]   | (2959)       |
| Cypress | MB95F654EPF [SOP24]     | (2958)       |
| Cypress | MB95F654EPFT [TSSOP24]  | (2957)       |
| Cypress | MB95F654EWQN [QFN32]    | (2959)       |
| Cypress | MB95F654L (ISP)         | (138) (9997) |
| Cypress | MB95F654LNPF [SOP24]    | (2958)       |
| Cypress | MB95F654LNPFT [TSSOP24] | (2957)       |
| Cypress | MB95F654LNWQN [QFN32]   | (2959)       |
| Cypress | MB95F654LPF [SOP24]     | (2958)       |
| Cypress | MB95F654LPFT [TSSOP24]  | (2957)       |
| Cypress | MB95F654LWQN [QFN32]    | (2959)       |
| Cypress | MB95F656E (ISP)         | (138) (9997) |
| Cypress | MB95F656ENPF [SOP24]    | (2958)       |
| Cypress | MB95F656ENPFT [TSSOP24] | (2957)       |
| Cypress | MB95F656ENWQN [QFN32]   | (2959)       |
| Cypress | MB95F656EPF [SOP24]     | (2958)       |
| Cypress | MB95F656EPFT [TSSOP24]  | (2957)       |
| Cypress | MB95F656EWQN [QFN32]    | (2959)       |
| Cypress | MB95F656L (ISP)         | (138) (9997) |
| Cypress | MB95F656LNPF [SOP24]    | (2958)       |
| Cypress | MB95F656LNPFT [TSSOP24] | (2957)       |
| Cypress | MB95F656LNWQN [QFN32]   | (2959)       |
| Cypress | MB95F656LPF [SOP24]     | (2958)       |
| Cypress | MB95F656LPFT [TSSOP24]  | (2957)       |
| Cypress | MB95F656LWQN [QFN32]    | (2959)       |
| Cypress | MB95F694K (ISP)         | (138) (9997) |
| Cypress | MB95F694KPMC [LQFP48]   | (2580)       |
| Cypress | MB95F694KPMC1 [LQFP52]  | (2956)       |
| Cypress | MB95F694KPMC2 [LQFP44]  | (3241)       |
| Cypress | MB95F694KWQN [QFN48]    | (2581)       |
| Cypress | MB95F696K (ISP)         | (138) (9997) |
| Cypress | MB95F696KPMC [LQFP48]   | (2580)       |
| Cypress | MB95F696KPMC1 [LQFP52]  | (2956)       |
| Cypress | MB95F696KPMC2 [LQFP44]  | (3241)       |
| Cypress | MB95F696KWQN [QFN48]    | (2581)       |
| Cypress | MB95F698K (ISP)         | (138) (9997) |
| Cypress | MB95F698KPMC [LQFP48]   | (2580)       |

|         |                          |              |
|---------|--------------------------|--------------|
| Cypress | MB95F698KPMC1 [LQFP52]   | (2956)       |
| Cypress | MB95F698KPMC2 [LQFP44]   | (3241)       |
| Cypress | MB95F698KWQN [QFN48]     | (2581)       |
| Cypress | MB95F714E (ISP)          | (138) (9997) |
| Cypress | MB95F714EPMC [LQFP80]    | (2582)       |
| Cypress | MB95F714J (ISP)          | (138) (9997) |
| Cypress | MB95F714JPMC [LQFP80]    | (2582)       |
| Cypress | MB95F714L (ISP)          | (138) (9997) |
| Cypress | MB95F714LPMC [LQFP80]    | (2582)       |
| Cypress | MB95F714M (ISP)          | (138) (9997) |
| Cypress | MB95F714MPMC [LQFP80]    | (2582)       |
| Cypress | MB95F716E (ISP)          | (138) (9997) |
| Cypress | MB95F716EPMC [LQFP80]    | (2582)       |
| Cypress | MB95F716J (ISP)          | (138) (9997) |
| Cypress | MB95F716JPMC [LQFP80]    | (2582)       |
| Cypress | MB95F716L (ISP)          | (138) (9997) |
| Cypress | MB95F716LPMC [LQFP80]    | (2582)       |
| Cypress | MB95F716M (ISP)          | (138) (9997) |
| Cypress | MB95F716MPMC [LQFP80]    | (2582)       |
| Cypress | MB95F718E (ISP)          | (138) (9997) |
| Cypress | MB95F718EPMC [LQFP80]    | (2582)       |
| Cypress | MB95F718J (ISP)          | (138) (9997) |
| Cypress | MB95F718JPMC [LQFP80]    | (2582)       |
| Cypress | MB95F718L (ISP)          | (138) (9997) |
| Cypress | MB95F718LPMC [LQFP80]    | (2582)       |
| Cypress | MB95F718M (ISP)          | (138) (9997) |
| Cypress | MB95F718MPMC [LQFP80]    | (2582)       |
| Cypress | MB95F774E (ISP)          | (138) (9997) |
| Cypress | MB95F774EPMC1 [LQFP64]   | (2583)       |
| Cypress | MB95F774EPMC2 [LQFP64]   | (2584)       |
| Cypress | MB95F774J (ISP)          | (138) (9997) |
| Cypress | MB95F774JPMC1 [LQFP64]   | (2583)       |
| Cypress | MB95F774JPMC2 [LQFP64]   | (2584)       |
| Cypress | MB95F774L (ISP)          | (138) (9997) |
| Cypress | MB95F774LPMC1 [LQFP64]   | (2583)       |
| Cypress | MB95F774LPMC2 [LQFP64]   | (2584)       |
| Cypress | MB95F774M (ISP)          | (138) (9997) |
| Cypress | MB95F774MPMC1 [LQFP64]   | (2583)       |
| Cypress | MB95F774MPMC2 [LQFP64]   | (2584)       |
| Cypress | MB95F776E (ISP)          | (138) (9997) |
| Cypress | MB95F776EPMC1 [LQFP64]   | (2583)       |
| Cypress | MB95F776EPMC2 [LQFP64]   | (2584)       |
| Cypress | MB95F776J (ISP)          | (138) (9997) |
| Cypress | MB95F776JPMC1 [LQFP64]   | (2583)       |
| Cypress | MB95F776JPMC2 [LQFP64]   | (2584)       |
| Cypress | MB95F776L (ISP)          | (138) (9997) |
| Cypress | MB95F776LPMC1 [LQFP64]   | (2583)       |
| Cypress | MB95F776LPMC2 [LQFP64]   | (2584)       |
| Cypress | MB95F776M (ISP)          | (138) (9997) |
| Cypress | MB95F776MPMC1 [LQFP64]   | (2583)       |
| Cypress | MB95F776MPMC2 [LQFP64]   | (2584)       |
| Cypress | MB95F778E (ISP)          | (138) (9997) |
| Cypress | MB95F778EPMC1 [LQFP64]   | (2583)       |
| Cypress | MB95F778EPMC2 [LQFP64]   | (2584)       |
| Cypress | MB95F778J (ISP)          | (138) (9997) |
| Cypress | MB95F778JPMC1 [LQFP64]   | (2583)       |
| Cypress | MB95F778JPMC2 [LQFP64]   | (2584)       |
| Cypress | MB95F778L (ISP)          | (138) (9997) |
| Cypress | MB95F778LPMC1 [LQFP64]   | (2583)       |
| Cypress | MB95F778LPMC2 [LQFP64]   | (2584)       |
| Cypress | MB95F778M (ISP)          | (138) (9997) |
| Cypress | MB95F778MPMC1 [LQFP64]   | (2583)       |
| Cypress | MB95F778MPMC2 [LQFP64]   | (2584)       |
| Cypress | MB95F814K (ISP)          | (138) (9997) |
| Cypress | MB95F814KPMC [LQFP64]    | (3109)       |
| Cypress | MB95F814KPMC1 [LQFP64]   | (3108)       |
| Cypress | MB95F816K (ISP)          | (138) (9997) |
| Cypress | MB95F816KPMC [LQFP64]    | (3109)       |
| Cypress | MB95F816KPMC1 [LQFP64]   | (3108)       |
| Cypress | MB95F818K (ISP)          | (138) (9997) |
| Cypress | MB95F818KPMC [LQFP64]    | (3109)       |
| Cypress | MB95F818KPMC1 [LQFP64]   | (3108)       |
| Cypress | MB95F856K (ISP)          | (138) (9997) |
| Cypress | MB95F856KPF [SOP24]      | (2961)       |
| Cypress | MB95F856KPFT [TSSOP24]   | (2960)       |
| Cypress | MB95F866K (ISP)          | (138) (9997) |
| Cypress | MB95F866KPMC [LQFP32]    | (3040)       |
| Cypress | MB95F876K (ISP)          | (138) (9997) |
| Cypress | MB95F876KPMC [LQFP48]    | (2962)       |
| Cypress | MB96F313ASB [LQFP48]     | (1531)       |
| Cypress | MB96F313AWB [LQFP48]     | (1531)       |
| Cypress | MB96F313RSB [LQFP48]     | (1531)       |
| Cypress | MB96F313RWB [LQFP48]     | (1531)       |
| Cypress | MB96F313YSB [LQFP48]     | (1531)       |
| Cypress | MB96F313YWB [LQFP48]     | (1531)       |
| Cypress | MB96F315ASB [LQFP48]     | (1531)       |
| Cypress | MB96F315AWB [LQFP48]     | (1531)       |
| Cypress | MB96F315RSB [LQFP48]     | (1531)       |
| Cypress | MB96F315RWB [LQFP48]     | (1531)       |
| Cypress | MB96F315YSB [LQFP48]     | (1531)       |
| Cypress | MB96F315YWB [LQFP48]     | (1531)       |
| Cypress | MB96F346ASBPMC [LQFP100] | (2673)       |
| Cypress | MB96F346ASBPQC [QFP100]  | (2710)       |
| Cypress | MB96F346AWBPMC [LQFP100] | (2673)       |
| Cypress | MB96F346AWBPQC [QFP100]  | (2710)       |
| Cypress | MB96F346RSBPMC [LQFP100] | (2673)       |
| Cypress | MB96F346RSBPQC [QFP100]  | (2710)       |
| Cypress | MB96F346RWBPMC [LQFP100] | (2673)       |
| Cypress | MB96F346RWBPQC [QFP100]  | (2710)       |
| Cypress | MB96F346YSBPMC [LQFP100] | (2673)       |
| Cypress | MB96F346YSBPQC [QFP100]  | (2710)       |
| Cypress | MB96F346YWBPMC [LQFP100] | (2673)       |
| Cypress | MB96F346YWBPQC [QFP100]  | (2710)       |
| Cypress | MB96F347ASBPMC [LQFP100] | (2673)       |
| Cypress | MB96F347ASBPQC [QFP100]  | (2710)       |
| Cypress | MB96F347AWBPMC [LQFP100] | (2673)       |
| Cypress | MB96F347AWBPQC [QFP100]  | (2710)       |
| Cypress | MB96F347RSBPMC [LQFP100] | (2673)       |
| Cypress | MB96F347RSBPQC [QFP100]  | (2710)       |
| Cypress | MB96F347RWBPMC [LQFP100] | (2673)       |
| Cypress | MB96F347RWBPQC [QFP100]  | (2710)       |
| Cypress | MB96F347YSBPMC [LQFP100] | (2673)       |
| Cypress | MB96F347YSBPQC [QFP100]  | (2710)       |
| Cypress | MB96F347YWBPMC [LQFP100] | (2673)       |
| Cypress | MB96F347YWBPQC [QFP100]  | (2710)       |
| Cypress | MB96F348ASBPMC [LQFP100] | (2673)       |
| Cypress | MB96F348ASBPQC [QFP100]  | (2710)       |
| Cypress | MB96F348AWBPMC [LQFP100] | (2673)       |
| Cypress | MB96F348AWBPQC [QFP100]  | (2710)       |
| Cypress | MB96F348RSBPMC [LQFP100] | (2673)       |
| Cypress | MB96F348RSBPQC [QFP100]  | (2710)       |
| Cypress | MB96F348RWBPMC [LQFP100] | (2673)       |
| Cypress | MB96F348RWBPQC [QFP100]  | (2710)       |
| Cypress | MB96F348YSBPMC [LQFP100] | (2673)       |
| Cypress | MB96F348YSBPQC [QFP100]  | (2710)       |
| Cypress | MB96F348YWBPMC [LQFP100] | (2673)       |
| Cypress | MB96F348YWBPQC [QFP100]  | (2710)       |
| Cypress | MB96F353ASBPMC [LQFP64]  | (2633)       |

|         |                            |        |
|---------|----------------------------|--------|
| Cypress | MB96F353ASBPMC1 [LQFP64]   | (2632) |
| Cypress | MB96F353AWBPMC [LQFP64]    | (2633) |
| Cypress | MB96F353ASBPMC1 [LQFP64]   | (2632) |
| Cypress | MB96F353RSBPMC [LQFP64]    | (2633) |
| Cypress | MB96F353RSBPMC1 [LQFP64]   | (2632) |
| Cypress | MB96F353RWBPMC [LQFP64]    | (2633) |
| Cypress | MB96F353RWBPMC1 [LQFP64]   | (2632) |
| Cypress | MB96F355ASBPMC [LQFP64]    | (2633) |
| Cypress | MB96F355ASBPMC1 [LQFP64]   | (2632) |
| Cypress | MB96F355AWBPMC [LQFP64]    | (2633) |
| Cypress | MB96F355AWBPMC1 [LQFP64]   | (2632) |
| Cypress | MB96F355RSBPMC [LQFP64]    | (2633) |
| Cypress | MB96F355RSBPMC1 [LQFP64]   | (2632) |
| Cypress | MB96F355RWBPMC [LQFP64]    | (2633) |
| Cypress | MB96F355RWBPMC1 [LQFP64]   | (2632) |
| Cypress | MB96F356ASBPMC [LQFP64]    | (2633) |
| Cypress | MB96F356ASBPMC1 [LQFP64]   | (2632) |
| Cypress | MB96F356AWBPMC [LQFP64]    | (2633) |
| Cypress | MB96F356AWBPMC1 [LQFP64]   | (2632) |
| Cypress | MB96F356RSBPMC [LQFP64]    | (2633) |
| Cypress | MB96F356RSBPMC1 [LQFP64]   | (2632) |
| Cypress | MB96F356RWBPMC [LQFP64]    | (2633) |
| Cypress | MB96F356RWBPMC1 [LQFP64]   | (2632) |
| Cypress | MB96F378HSBPMC [LQFP144]   | (2684) |
| Cypress | MB96F378HSBPMC1 [LQFP144]  | (2711) |
| Cypress | MB96F378HWPBPMC [LQFP144]  | (2684) |
| Cypress | MB96F378HWPBPMC1 [LQFP144] | (2711) |
| Cypress | MB96F385RSA [LQFP120]      | (1040) |
| Cypress | MB96F385RWA [LQFP120]      | (1040) |
| Cypress | MB96F385YSA [LQFP120]      | (1040) |
| Cypress | MB96F385YWA [LQFP120]      | (1040) |
| Cypress | MB96F386RSB [LQFP120]      | (1040) |
| Cypress | MB96F386RWB [LQFP120]      | (1040) |
| Cypress | MB96F386YSB [LQFP120]      | (1040) |
| Cypress | MB96F386YWB [LQFP120]      | (1040) |
| Cypress | MB96F387RSB [LQFP120]      | (1040) |
| Cypress | MB96F387RWB [LQFP120]      | (1040) |
| Cypress | MB96F387YSB [LQFP120]      | (1040) |
| Cypress | MB96F387YWB [LQFP120]      | (1040) |
| Cypress | MB96F395RSB [LQFP100]      | (2398) |
| Cypress | MB96F395RWB [LQFP100]      | (2398) |
| Cypress | MB96F612ABPMC [LQFP48]     | (2936) |
| Cypress | MB96F612RBPBPMC [LQFP48]   | (2936) |
| Cypress | MB96F613ABPMC [LQFP48]     | (2936) |
| Cypress | MB96F613RBPBPMC [LQFP48]   | (2936) |
| Cypress | MB96F615ABPMC [LQFP48]     | (2936) |
| Cypress | MB96F615RBPBPMC [LQFP48]   | (2936) |
| Cypress | MB96F622ABPMC [LQFP64]     | (2935) |
| Cypress | MB96F622ABPMC1 [LQFP64]    | (2928) |
| Cypress | MB96F622RBPBPMC [LQFP64]   | (2935) |
| Cypress | MB96F622RBPBPMC1 [LQFP64]  | (2928) |
| Cypress | MB96F623ABPMC [LQFP64]     | (2935) |
| Cypress | MB96F623ABPMC1 [LQFP64]    | (2928) |
| Cypress | MB96F623RBPBPMC [LQFP64]   | (2935) |
| Cypress | MB96F623RBPBPMC1 [LQFP64]  | (2928) |
| Cypress | MB96F625ABPMC [LQFP64]     | (2935) |
| Cypress | MB96F625ABPMC1 [LQFP64]    | (2928) |
| Cypress | MB96F625RBPBPMC [LQFP64]   | (2935) |
| Cypress | MB96F625RBPBPMC1 [LQFP64]  | (2928) |
| Cypress | MB96F633ABPMC [LQFP80]     | (3041) |
| Cypress | MB96F633RBPBPMC [LQFP80]   | (3041) |
| Cypress | MB96F635ABPMC [LQFP80]     | (3041) |
| Cypress | MB96F635RBPBPMC [LQFP80]   | (3041) |
| Cypress | MB96F636RBPBPMC [LQFP80]   | (3041) |
| Cypress | MB96F637RBPBPMC [LQFP80]   | (3041) |
| Cypress | MB96F643ABPMC [LQFP100]    | (3012) |
| Cypress | MB96F643RBPBPMC [LQFP100]  | (3012) |
| Cypress | MB96F645ABPMC [LQFP100]    | (3012) |
| Cypress | MB96F645RBPBPMC [LQFP100]  | (3012) |
| Cypress | MB96F646RBPBPMC [LQFP100]  | (3012) |
| Cypress | MB96F647RBPBPMC [LQFP100]  | (3012) |
| Cypress | MB96F653ABPMC [LQFP120]    | (3023) |
| Cypress | MB96F653RBPBPMC [LQFP120]  | (3023) |
| Cypress | MB96F655ABPMC [LQFP120]    | (3023) |
| Cypress | MB96F655RBPBPMC [LQFP120]  | (3023) |
| Cypress | MB96F656RBPBPMC [LQFP120]  | (3023) |
| Cypress | MB96F657RBPBPMC [LQFP120]  | (3023) |
| Cypress | MB96F673ABPMC [LQFP64]     | (2627) |
| Cypress | MB96F673ABPMC1 [LQFP64]    | (3035) |
| Cypress | MB96F673RBPBPMC [LQFP64]   | (2627) |
| Cypress | MB96F673RBPBPMC1 [LQFP64]  | (3035) |
| Cypress | MB96F675ABPMC [LQFP64]     | (2627) |
| Cypress | MB96F675ABPMC1 [LQFP64]    | (3035) |
| Cypress | MB96F675RBPBPMC [LQFP64]   | (2627) |
| Cypress | MB96F675RBPBPMC1 [LQFP64]  | (3035) |
| Cypress | MB96F683ABPMC [LQFP80]     | (2608) |
| Cypress | MB96F683RBPBPMC [LQFP80]   | (2608) |
| Cypress | MB96F685ABPMC [LQFP80]     | (2608) |
| Cypress | MB96F685RBPBPMC [LQFP80]   | (2608) |
| Cypress | MB96F693ABPMC [LQFP100]    | (3012) |
| Cypress | MB96F693RBPBPMC [LQFP100]  | (3012) |
| Cypress | MB96F695ABPMC [LQFP100]    | (3012) |
| Cypress | MB96F695RBPBPMC [LQFP100]  | (3012) |
| Cypress | MB96F696RBPBPMC [LQFP100]  | (3012) |
| Cypress | MB96F6A5ABPMC [LQFP120]    | (3023) |
| Cypress | MB96F6A5RBPBPMC [LQFP120]  | (3023) |
| Cypress | MB96F6A6RBPBPMC [LQFP120]  | (3023) |
| Cypress | MB96F6B5ABPMC [LQFP100]    | (3012) |
| Cypress | MB96F6B5RBPBPMC [LQFP100]  | (3012) |
| Cypress | MB96F6B6RBPBPMC [LQFP100]  | (3012) |
| Cypress | MB96F6C5ABPMC [LQFP120]    | (3023) |
| Cypress | MB96F6C5RBPBPMC [LQFP120]  | (3023) |
| Cypress | MB96F6C6RBPBPMC [LQFP120]  | (3023) |
| Cypress | MB9AF111KPMC [LQFP48]      | (2963) |
| Cypress | MB9AF111KPMC1 [LQFP52]     | (3039) |
| Cypress | MB9AF111KQN [QFN48]        | (3049) |
| Cypress | MB9AF111LAPMC [LQFP64]     | (2937) |
| Cypress | MB9AF111LAPMC1 [LQFP64]    | (2683) |
| Cypress | MB9AF111MAPMC [LQFP80]     | (2729) |
| Cypress | MB9AF111NAPF [QFP100]      | (3332) |
| Cypress | MB9AF111NAPMC [LQFP100]    | (2399) |
| Cypress | MB9AF112KPMC [LQFP48]      | (2963) |
| Cypress | MB9AF112KPMC1 [LQFP52]     | (3039) |
| Cypress | MB9AF112KQN [QFN48]        | (3049) |
| Cypress | MB9AF112LAPMC [LQFP64]     | (2937) |
| Cypress | MB9AF112LAPMC1 [LQFP64]    | (2683) |
| Cypress | MB9AF112MAPMC [LQFP80]     | (2729) |
| Cypress | MB9AF112NAPF [QFP100]      | (3332) |
| Cypress | MB9AF112NAPMC [LQFP100]    | (2399) |
| Cypress | MB9AF114LAPMC [LQFP64]     | (2937) |
| Cypress | MB9AF114LAPMC1 [LQFP64]    | (2683) |
| Cypress | MB9AF114MAPMC [LQFP80]     | (2729) |
| Cypress | MB9AF114NAPF [QFP100]      | (3332) |
| Cypress | MB9AF114NAPMC [LQFP100]    | (2399) |
| Cypress | MB9AF116NAPMC [LQFP100]    | (2987) |
| Cypress | MB9AF121KPMC [LQFP48]      | (2963) |
| Cypress | MB9AF121KPMC1 [LQFP52]     | (3039) |
| Cypress | MB9AF121KWQN [QFN48]       | (3049) |



|         |                    |            |              |
|---------|--------------------|------------|--------------|
| Cypress | MB9AF121LPMC       | [LQFP64]   | (2937)       |
| Cypress | MB9AF121LPMC1      | [LQFP64]   | (2683)       |
| Cypress | MB9AF121LWQN       | [QFN64]    | (4425)       |
| Cypress | MB9AF131KBPMC      | [LQFP48]   | (2963)       |
| Cypress | MB9AF131LBPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AF131LBPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AF132KBPMC      | [LQFP48]   | (2963)       |
| Cypress | MB9AF132LBPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AF132LBPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AF141LBPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AF141LBPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AF141MBBGL      | [PFBGA96]  | (4533)       |
| Cypress | MB9AF141MBPMC      | [LQFP80]   | (2729)       |
| Cypress | MB9AF141NBPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AF141NBPMC      | [LQFP100]  | (3332)       |
| Cypress | MB9AF142LBPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AF142LBPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AF142MBBGL      | [PFBGA96]  | (4533)       |
| Cypress | MB9AF142MBPMC      | [LQFP80]   | (2729)       |
| Cypress | MB9AF142NBPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AF142NBPMC      | [LQFP100]  | (3332)       |
| Cypress | MB9AF144LBPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AF144LBPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AF144MBBGL      | [PFBGA96]  | (4533)       |
| Cypress | MB9AF144MBPMC      | [LQFP80]   | (2729)       |
| Cypress | MB9AF144NBPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AF144NBPMC      | [LQFP100]  | (3332)       |
| Cypress | MB9AF154NAPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AF154RAPMC      | [LQFP120]  | (3672)       |
| Cypress | MB9AF155NAPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AF155RAPMC      | [LQFP120]  | (3672)       |
| Cypress | MB9AF156NAPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AF156RAPMC      | [LQFP120]  | (3672)       |
| Cypress | MB9AF1A1LPMC       | [LQFP64]   | (2937)       |
| Cypress | MB9AF1A1LPMC1      | [LQFP64]   | (2683)       |
| Cypress | MB9AF1A1MPMC1      | [LQFP80]   | (3215)       |
| Cypress | MB9AF1A2LPMC       | [LQFP64]   | (2937)       |
| Cypress | MB9AF1A2LPMC1      | [LQFP64]   | (2683)       |
| Cypress | MB9AF1A2MPMC1      | [LQFP80]   | (3215)       |
| Cypress | MB9AF311KPMC       | [LQFP48]   | (2963)       |
| Cypress | MB9AF311KPMC1      | [LQFP52]   | (3039)       |
| Cypress | MB9AF311KQN        | [QFN48]    | (3049)       |
| Cypress | MB9AF311LAPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AF311LAPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AF311MAPMC      | [LQFP80]   | (2729)       |
| Cypress | MB9AF311NAPF       | [QFP100]   | (3332)       |
| Cypress | MB9AF311NAPMC      | [LQFP100]  | (2399)       |
| Cypress | MB9AF312KPMC       | [LQFP48]   | (2963)       |
| Cypress | MB9AF312KPMC1      | [LQFP52]   | (3039)       |
| Cypress | MB9AF312KQN        | [QFN48]    | (3049)       |
| Cypress | MB9AF312LAPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AF312LAPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AF312MAPMC      | [LQFP80]   | (2729)       |
| Cypress | MB9AF312NAPF       | [QFP100]   | (3332)       |
| Cypress | MB9AF312NAPMC      | [LQFP100]  | (2399)       |
| Cypress | MB9AF314LAPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AF314LAPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AF314MAPMC      | [LQFP80]   | (2729)       |
| Cypress | MB9AF314NAPF       | [QFP100]   | (3332)       |
| Cypress | MB9AF314NAPMC      | [LQFP100]  | (2399)       |
| Cypress | MB9AF316NAPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AF341LBPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AF341LBPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AF341MBBGL      | [PFBGA96]  | (4533)       |
| Cypress | MB9AF341MBPMC      | [LQFP80]   | (2729)       |
| Cypress | MB9AF341NBPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AF341NBPMC      | [LQFP100]  | (3332)       |
| Cypress | MB9AF342LBPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AF342LBPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AF342MBBGL      | [PFBGA96]  | (4533)       |
| Cypress | MB9AF342MBPMC      | [LQFP80]   | (2729)       |
| Cypress | MB9AF342NBPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AF342NBPMC      | [LQFP100]  | (3332)       |
| Cypress | MB9AF344LBPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AF344LBPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AF344MBBGL      | [PFBGA96]  | (4533)       |
| Cypress | MB9AF344MBPMC      | [LQFP80]   | (2729)       |
| Cypress | MB9AF344NBPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AF344NBPMC      | [LQFP100]  | (3332)       |
| Cypress | MB9AF421KPMC       | [LQFP48]   | (2963)       |
| Cypress | MB9AF421KPMC1      | [LQFP52]   | (3039)       |
| Cypress | MB9AF421KWQN       | [QFN48]    | (3049)       |
| Cypress | MB9AF421LPMC       | [LQFP64]   | (2937)       |
| Cypress | MB9AF421LPMC1      | [LQFP64]   | (2683)       |
| Cypress | MB9AF421LWQN       | [QFN64]    | (4425)       |
| Cypress | MB9AFA31LPMC       | [LQFP64]   | (2937)       |
| Cypress | MB9AFA31LPMC1      | [LQFP64]   | (2683)       |
| Cypress | MB9AFA31MPMC1      | [LQFP80]   | (3215)       |
| Cypress | MB9AFA32LPMC       | [LQFP64]   | (2937)       |
| Cypress | MB9AFA32LPMC1      | [LQFP64]   | (2683)       |
| Cypress | MB9AFA32MPMC1      | [LQFP80]   | (3215)       |
| Cypress | MB9AFA41LBPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AFA41LBPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AFA41LBQN       | [QFN64]    | (4425)       |
| Cypress | MB9AFA41MBBGL      | [PFBGA96]  | (4533)       |
| Cypress | MB9AFA41MBPMC      | [LQFP80]   | (2729)       |
| Cypress | MB9AFA41MBPMC1     | [LQFP80]   | (3215)       |
| Cypress | MB9AFA41NBGL       | [PFBGA112] | (3154)       |
| Cypress | MB9AFA41NBPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AFA42LBPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AFA42LBPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AFA42LBQN       | [QFN64]    | (4425)       |
| Cypress | MB9AFA42MBBGL      | [PFBGA96]  | (4533)       |
| Cypress | MB9AFA42MBPMC      | [LQFP80]   | (2729)       |
| Cypress | MB9AFA42MBPMC1     | [LQFP80]   | (3215)       |
| Cypress | MB9AFA42NBGL       | [PFBGA112] | (3154)       |
| Cypress | MB9AFA42NBPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AFA44LBPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AFA44LBPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AFA44LBQN       | [QFN64]    | (4425)       |
| Cypress | MB9AFA44MBBGL      | [PFBGA96]  | (4533)       |
| Cypress | MB9AFA44MBPMC      | [LQFP80]   | (2729)       |
| Cypress | MB9AFA44MBPMC1     | [LQFP80]   | (3215)       |
| Cypress | MB9AFA44NBGL       | [PFBGA112] | (3154)       |
| Cypress | MB9AFA44NBPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AFAA1 (ISP-SPI) |            | (138) (9997) |
| Cypress | MB9AFAA1LPMC       | [LQFP64]   | (2937)       |
| Cypress | MB9AFAA1LPMC1      | [LQFP64]   | (2683)       |
| Cypress | MB9AFAA1MPMC1      | [LQFP80]   | (3215)       |
| Cypress | MB9AFAA2LPMC       | [LQFP64]   | (2937)       |
| Cypress | MB9AFAA2LPMC1      | [LQFP64]   | (2683)       |
| Cypress | MB9AFAA2MPMC1      | [LQFP80]   | (3215)       |
| Cypress | MB9AFB41LBPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AFB41LBPMC1     | [LQFP64]   | (2683)       |
| Cypress | MB9AFB41MBPMC      | [LQFP80]   | (2729)       |
| Cypress | MB9AFB41NBPMC      | [LQFP100]  | (2987)       |
| Cypress | MB9AFB42LBPMC      | [LQFP64]   | (2937)       |
| Cypress | MB9AFB42LBPMC1     | [LQFP64]   | (2683)       |

|         |                |            |        |
|---------|----------------|------------|--------|
| Cypress | MB9AFB42MBPMC  | [LQFP80]   | (2729) |
| Cypress | MB9AFB42NBPMC  | [LQFP100]  | (2987) |
| Cypress | MB9AFB44LBPMC  | [LQFP64]   | (2937) |
| Cypress | MB9AFB44LBPMC1 | [LQFP64]   | (2683) |
| Cypress | MB9AFB44MBPMC  | [LQFP80]   | (2729) |
| Cypress | MB9AFB44NBPMC  | [LQFP100]  | (2987) |
| Cypress | MB9BF104NABGL  | [PFBGA112] | (3303) |
| Cypress | MB9BF104NAPMC  | [LQFP100]  | (2399) |
| Cypress | MB9BF104RAPMC  | [LQFP120]  | (2363) |
| Cypress | MB9BF105NABGL  | [PFBGA112] | (3303) |
| Cypress | MB9BF105NAPMC  | [LQFP100]  | (2399) |
| Cypress | MB9BF105RAPMC  | [LQFP120]  | (2363) |
| Cypress | MB9BF106NABGL  | [PFBGA112] | (3303) |
| Cypress | MB9BF106NAPMC  | [LQFP100]  | (2399) |
| Cypress | MB9BF106RAPMC  | [LQFP120]  | (2363) |
| Cypress | MB9BF112NBGL   | [PFBGA112] | (3154) |
| Cypress | MB9BF112NPMC   | [LQFP100]  | (2987) |
| Cypress | MB9BF112NPQC   | [QFP100]   | (3332) |
| Cypress | MB9BF112RPMC   | [LQFP120]  | (3672) |
| Cypress | MB9BF114NBGL   | [PFBGA112] | (3154) |
| Cypress | MB9BF114NPMC   | [LQFP100]  | (2987) |
| Cypress | MB9BF114NPQC   | [QFP100]   | (3332) |
| Cypress | MB9BF114RPMC   | [LQFP120]  | (3672) |
| Cypress | MB9BF115NBGL   | [PFBGA112] | (3154) |
| Cypress | MB9BF115NPMC   | [LQFP100]  | (2987) |
| Cypress | MB9BF115NPQC   | [QFP100]   | (3332) |
| Cypress | MB9BF115RPMC   | [LQFP120]  | (3672) |
| Cypress | MB9BF116NBGL   | [PFBGA112] | (3154) |
| Cypress | MB9BF116NPMC   | [LQFP100]  | (2987) |
| Cypress | MB9BF116NPQC   | [QFP100]   | (3332) |
| Cypress | MB9BF116RPMC   | [LQFP120]  | (3672) |
| Cypress | MB9BF116SPMC   | [LQFP144]  | (3157) |
| Cypress | MB9BF116TBGL   | [PFBGA192] | (3155) |
| Cypress | MB9BF116TPMC   | [LQFP176]  | (3156) |
| Cypress | MB9BF117SPMC   | [LQFP144]  | (3157) |
| Cypress | MB9BF117TBGL   | [PFBGA192] | (3155) |
| Cypress | MB9BF117TPMC   | [LQFP176]  | (3156) |
| Cypress | MB9BF118SPMC   | [LQFP144]  | (3157) |
| Cypress | MB9BF118TBGL   | [PFBGA192] | (3155) |
| Cypress | MB9BF118TPMC   | [LQFP176]  | (3156) |
| Cypress | MB9BF121KPMC   | [LQFP48]   | (2963) |
| Cypress | MB9BF121LPMC   | [LQFP64]   | (2937) |
| Cypress | MB9BF121LPMC1  | [LQFP64]   | (2683) |
| Cypress | MB9BF121MBGL   | [PFBGA96]  | (4817) |
| Cypress | MB9BF121MPMC   | [LQFP80]   | (4113) |
| Cypress | MB9BF122KPMC   | [LQFP48]   | (2963) |
| Cypress | MB9BF122LPMC   | [LQFP64]   | (2937) |
| Cypress | MB9BF122LPMC1  | [LQFP64]   | (2683) |
| Cypress | MB9BF122MBGL   | [PFBGA96]  | (4817) |
| Cypress | MB9BF122MPMC   | [LQFP80]   | (4113) |
| Cypress | MB9BF124KPMC   | [LQFP48]   | (2963) |
| Cypress | MB9BF124LPMC   | [LQFP64]   | (2937) |
| Cypress | MB9BF124LPMC1  | [LQFP64]   | (2683) |
| Cypress | MB9BF124MBGL   | [PFBGA96]  | (4817) |
| Cypress | MB9BF124MPMC   | [LQFP80]   | (4113) |
| Cypress | MB9BF164KPMC   | [LQFP48]   | (3635) |
| Cypress | MB9BF164KQN    | [QFN48]    | (4055) |
| Cypress | MB9BF164LPMC1  | [LQFP64]   | (3169) |
| Cypress | MB9BF165KPMC   | [LQFP48]   | (3635) |
| Cypress | MB9BF165KQN    | [QFN48]    | (4055) |
| Cypress | MB9BF165LPMC1  | [LQFP64]   | (3169) |
| Cypress | MB9BF166KPMC   | [LQFP48]   | (3635) |
| Cypress | MB9BF166KQN    | [QFN48]    | (4055) |
| Cypress | MB9BF166LPMC1  | [LQFP64]   | (3169) |
| Cypress | MB9BF166NPMC   | [LQFP100]  | (4019) |
| Cypress | MB9BF166RPMC   | [LQFP120]  | (3826) |
| Cypress | MB9BF167NPMC   | [LQFP100]  | (4019) |
| Cypress | MB9BF167RPMC   | [LQFP120]  | (3826) |
| Cypress | MB9BF168NPMC   | [LQFP100]  | (4019) |
| Cypress | MB9BF168RPMC   | [LQFP120]  | (3826) |
| Cypress | MB9BF216SPMC   | [LQFP144]  | (3157) |
| Cypress | MB9BF216TBGL   | [PFBGA192] | (3155) |
| Cypress | MB9BF216TPMC   | [LQFP176]  | (3156) |
| Cypress | MB9BF217SPMC   | [LQFP144]  | (3157) |
| Cypress | MB9BF217TBGL   | [PFBGA192] | (3155) |
| Cypress | MB9BF217TPMC   | [LQFP176]  | (3156) |
| Cypress | MB9BF218SPMC   | [LQFP144]  | (3157) |
| Cypress | MB9BF218TBGL   | [PFBGA192] | (3155) |
| Cypress | MB9BF218TPMC   | [LQFP176]  | (3156) |
| Cypress | MB9BF304NBBGL  | [PFBGA112] | (3303) |
| Cypress | MB9BF304NBPMC  | [LQFP100]  | (2399) |
| Cypress | MB9BF304RBPMP  | [LQFP120]  | (2363) |
| Cypress | MB9BF305NBBGL  | [PFBGA112] | (3303) |
| Cypress | MB9BF305NBPMC  | [LQFP100]  | (2399) |
| Cypress | MB9BF305RBPMP  | [LQFP120]  | (2363) |
| Cypress | MB9BF306NBBGL  | [PFBGA112] | (3303) |
| Cypress | MB9BF306NBPMC  | [LQFP100]  | (2399) |
| Cypress | MB9BF306RBPMP  | [LQFP120]  | (2363) |
| Cypress | MB9BF312NBGL   | [PFBGA112] | (3154) |
| Cypress | MB9BF312NPMC   | [LQFP100]  | (2987) |
| Cypress | MB9BF312NPQC   | [QFP100]   | (3332) |
| Cypress | MB9BF312RPMC   | [LQFP120]  | (3672) |
| Cypress | MB9BF314NBGL   | [PFBGA112] | (3154) |
| Cypress | MB9BF314NPMC   | [LQFP100]  | (2987) |
| Cypress | MB9BF314NPQC   | [QFP100]   | (3332) |
| Cypress | MB9BF314RPMC   | [LQFP120]  | (3672) |
| Cypress | MB9BF315NBGL   | [PFBGA112] | (3154) |
| Cypress | MB9BF315NPMC   | [LQFP100]  | (2987) |
| Cypress | MB9BF315NPQC   | [QFP100]   | (3332) |
| Cypress | MB9BF315RPMC   | [LQFP120]  | (3672) |
| Cypress | MB9BF316NBGL   | [PFBGA112] | (3154) |
| Cypress | MB9BF316NPMC   | [LQFP100]  | (2987) |
| Cypress | MB9BF316NPQC   | [QFP100]   | (3332) |
| Cypress | MB9BF316RPMC   | [LQFP120]  | (3672) |
| Cypress | MB9BF316SPMC   | [LQFP144]  | (3157) |
| Cypress | MB9BF316TBGL   | [PFBGA192] | (3155) |
| Cypress | MB9BF316TPMC   | [LQFP176]  | (3156) |
| Cypress | MB9BF317SPMC   | [LQFP144]  | (3157) |
| Cypress | MB9BF317TBGL   | [PFBGA192] | (3155) |
| Cypress | MB9BF317TPMC   | [LQFP176]  | (3156) |
| Cypress | MB9BF318SPMC   | [LQFP144]  | (3157) |
| Cypress | MB9BF318TBGL   | [PFBGA192] | (3155) |
| Cypress | MB9BF318TPMC   | [LQFP176]  | (3156) |
| Cypress | MB9BF321KPMC   | [LQFP48]   | (2963) |
| Cypress | MB9BF321LPMC   | [LQFP64]   | (2937) |
| Cypress | MB9BF321LPMC1  | [LQFP64]   | (2683) |
| Cypress | MB9BF321MBGL   | [PFBGA96]  | (4817) |
| Cypress | MB9BF321MPMC   | [LQFP80]   | (4113) |
| Cypress | MB9BF322KPMC   | [LQFP48]   | (2963) |
| Cypress | MB9BF322LPMC   | [LQFP64]   | (2937) |
| Cypress | MB9BF322LPMC1  | [LQFP64]   | (2683) |
| Cypress | MB9BF322MBGL   | [PFBGA96]  | (4817) |
| Cypress | MB9BF322MPMC   | [LQFP80]   | (4113) |
| Cypress | MB9BF324KPMC   | [LQFP48]   | (2963) |
| Cypress | MB9BF324LPMC   | [LQFP64]   | (2937) |
| Cypress | MB9BF324LPMC1  | [LQFP64]   | (2683) |
| Cypress | MB9BF324MBGL   | [PFBGA96]  | (4817) |
| Cypress | MB9BF324MPMC   | [LQFP80]   | (4113) |

|         |                    |            |              |
|---------|--------------------|------------|--------------|
| Cypress | MB9BF364KPMC       | [LQFP48]   | (3635)       |
| Cypress | MB9BF364KQN        | [QFN48]    | (4055)       |
| Cypress | MB9BF364LPMC1      | [LQFP64]   | (3169)       |
| Cypress | MB9BF365KPMC       | [LQFP48]   | (3635)       |
| Cypress | MB9BF365KQN        | [QFN48]    | (4055)       |
| Cypress | MB9BF365LPMC1      | [LQFP64]   | (3169)       |
| Cypress | MB9BF366KPMC       | [LQFP48]   | (3635)       |
| Cypress | MB9BF366KQN        | [QFN48]    | (4055)       |
| Cypress | MB9BF366LPMC1      | [LQFP64]   | (3169)       |
| Cypress | MB9BF366NPMC       | [LQFP100]  | (4019)       |
| Cypress | MB9BF366RPMC       | [LQFP120]  | (3826)       |
| Cypress | MB9BF367NPMC       | [LQFP100]  | (4019)       |
| Cypress | MB9BF367RPMC       | [LQFP120]  | (3826)       |
| Cypress | MB9BF368NPMC       | [LQFP100]  | (4019)       |
| Cypress | MB9BF368RPMC       | [LQFP120]  | (3826)       |
| Cypress | MB9BF404NABGL      | [PFBGA112] | (3303)       |
| Cypress | MB9BF404NAPMC      | [LQFP100]  | (2399)       |
| Cypress | MB9BF404RAPMC      | [LQFP120]  | (2363)       |
| Cypress | MB9BF405NABGL      | [PFBGA112] | (3303)       |
| Cypress | MB9BF405NAPMC      | [LQFP100]  | (2399)       |
| Cypress | MB9BF405RAPMC      | [LQFP120]  | (2363)       |
| Cypress | MB9BF406NABGL      | [PFBGA112] | (3303)       |
| Cypress | MB9BF406NAPMC      | [LQFP100]  | (2399)       |
| Cypress | MB9BF406RAPMC      | [LQFP120]  | (2363)       |
| Cypress | MB9BF412NBGL       | [PFBGA112] | (3154)       |
| Cypress | MB9BF412NPMC       | [LQFP100]  | (2987)       |
| Cypress | MB9BF412NPQC       | [QFP100]   | (3332)       |
| Cypress | MB9BF412RPMC       | [LQFP120]  | (3672)       |
| Cypress | MB9BF414NBGL       | [PFBGA112] | (3154)       |
| Cypress | MB9BF414NPMC       | [LQFP100]  | (2987)       |
| Cypress | MB9BF414NPQC       | [QFP100]   | (3332)       |
| Cypress | MB9BF414RPMC       | [LQFP120]  | (3672)       |
| Cypress | MB9BF415NBGL       | [PFBGA112] | (3154)       |
| Cypress | MB9BF415NPMC       | [LQFP100]  | (2987)       |
| Cypress | MB9BF415NPQC       | [QFP100]   | (3332)       |
| Cypress | MB9BF415RPMC       | [LQFP120]  | (3672)       |
| Cypress | MB9BF416 (ISP-SPI) |            | (138) (9997) |
| Cypress | MB9BF416NBGL       | [PFBGA112] | (3154)       |
| Cypress | MB9BF416NPMC       | [LQFP100]  | (2987)       |
| Cypress | MB9BF416NPQC       | [QFP100]   | (3332)       |
| Cypress | MB9BF416RPMC       | [LQFP120]  | (3672)       |
| Cypress | MB9BF416SPMC       | [LQFP144]  | (3157)       |
| Cypress | MB9BF416TBGL       | [PFBGA192] | (3155)       |
| Cypress | MB9BF416TPMC       | [LQFP176]  | (3156)       |
| Cypress | MB9BF417SPMC       | [LQFP144]  | (3157)       |
| Cypress | MB9BF417TBGL       | [PFBGA192] | (3155)       |
| Cypress | MB9BF417TPMC       | [LQFP176]  | (3156)       |
| Cypress | MB9BF418SPMC       | [LQFP144]  | (3157)       |
| Cypress | MB9BF418TBGL       | [PFBGA192] | (3155)       |
| Cypress | MB9BF418TPMC       | [LQFP176]  | (3156)       |
| Cypress | MB9BF464KPMC       | [LQFP48]   | (3635)       |
| Cypress | MB9BF464KQN        | [QFN48]    | (4055)       |
| Cypress | MB9BF464LPMC1      | [LQFP64]   | (3169)       |
| Cypress | MB9BF465KPMC       | [LQFP48]   | (3635)       |
| Cypress | MB9BF465KQN        | [QFN48]    | (4055)       |
| Cypress | MB9BF465LPMC1      | [LQFP64]   | (3169)       |
| Cypress | MB9BF466KPMC       | [LQFP48]   | (3635)       |
| Cypress | MB9BF466KQN        | [QFN48]    | (4055)       |
| Cypress | MB9BF466LPMC1      | [LQFP64]   | (3169)       |
| Cypress | MB9BF466NPMC       | [LQFP100]  | (4019)       |
| Cypress | MB9BF466RPMC       | [LQFP120]  | (3826)       |
| Cypress | MB9BF467NPMC       | [LQFP100]  | (4019)       |
| Cypress | MB9BF467RPMC       | [LQFP120]  | (3826)       |
| Cypress | MB9BF468NPMC       | [LQFP100]  | (4019)       |
| Cypress | MB9BF468RPMC       | [LQFP120]  | (3826)       |
| Cypress | MB9BF504NBBGL      | [PFBGA112] | (3303)       |
| Cypress | MB9BF504NBPNC      | [LQFP100]  | (2399)       |
| Cypress | MB9BF504RBPNC      | [LQFP120]  | (2363)       |
| Cypress | MB9BF505NBBGL      | [PFBGA112] | (3303)       |
| Cypress | MB9BF505NBPNC      | [LQFP100]  | (2399)       |
| Cypress | MB9BF505RBPNC      | [LQFP120]  | (2363)       |
| Cypress | MB9BF506NBBGL      | [PFBGA112] | (3303)       |
| Cypress | MB9BF506NBPNC      | [LQFP100]  | (2399)       |
| Cypress | MB9BF506RBPNC      | [LQFP120]  | (2363)       |
| Cypress | MB9BF512NBGL       | [PFBGA112] | (3154)       |
| Cypress | MB9BF512NPMC       | [LQFP100]  | (2987)       |
| Cypress | MB9BF512NPQC       | [QFP100]   | (3332)       |
| Cypress | MB9BF512RPMC       | [LQFP120]  | (3672)       |
| Cypress | MB9BF514NBGL       | [PFBGA112] | (3154)       |
| Cypress | MB9BF514NPMC       | [LQFP100]  | (2987)       |
| Cypress | MB9BF514NPQC       | [QFP100]   | (3332)       |
| Cypress | MB9BF514RPMC       | [LQFP120]  | (3672)       |
| Cypress | MB9BF515NBGL       | [PFBGA112] | (3154)       |
| Cypress | MB9BF515NPMC       | [LQFP100]  | (2987)       |
| Cypress | MB9BF515NPQC       | [QFP100]   | (3332)       |
| Cypress | MB9BF515RPMC       | [LQFP120]  | (3672)       |
| Cypress | MB9BF516NBGL       | [PFBGA112] | (3154)       |
| Cypress | MB9BF516NPMC       | [LQFP100]  | (2987)       |
| Cypress | MB9BF516NPQC       | [QFP100]   | (3332)       |
| Cypress | MB9BF516RPMC       | [LQFP120]  | (3672)       |
| Cypress | MB9BF516SPMC       | [LQFP144]  | (3157)       |
| Cypress | MB9BF516TBGL       | [PFBGA192] | (3155)       |
| Cypress | MB9BF516TPMC       | [LQFP176]  | (3156)       |
| Cypress | MB9BF517SPMC       | [LQFP144]  | (3157)       |
| Cypress | MB9BF517TBGL       | [PFBGA192] | (3155)       |
| Cypress | MB9BF517TPMC       | [LQFP176]  | (3156)       |
| Cypress | MB9BF518SPMC       | [LQFP144]  | (3157)       |
| Cypress | MB9BF518TBGL       | [PFBGA192] | (3155)       |
| Cypress | MB9BF518TPMC       | [LQFP176]  | (3156)       |
| Cypress | MB9BF521KPMC       | [LQFP48]   | (2963)       |
| Cypress | MB9BF521LPMC       | [LQFP64]   | (2937)       |
| Cypress | MB9BF521LPMC1      | [LQFP64]   | (2683)       |
| Cypress | MB9BF521MBGL       | [PFBGA96]  | (4817)       |
| Cypress | MB9BF521MPMC       | [LQFP80]   | (4113)       |
| Cypress | MB9BF522KPMC       | [LQFP48]   | (2963)       |
| Cypress | MB9BF522LPMC       | [LQFP64]   | (2937)       |
| Cypress | MB9BF522LPMC1      | [LQFP64]   | (2683)       |
| Cypress | MB9BF522MBGL       | [PFBGA96]  | (4817)       |
| Cypress | MB9BF522MPMC       | [LQFP80]   | (4113)       |
| Cypress | MB9BF524KPMC       | [LQFP48]   | (2963)       |
| Cypress | MB9BF524LPMC       | [LQFP64]   | (2937)       |
| Cypress | MB9BF524LPMC1      | [LQFP64]   | (2683)       |
| Cypress | MB9BF524MBGL       | [PFBGA96]  | (4817)       |
| Cypress | MB9BF524MPMC       | [LQFP80]   | (4113)       |
| Cypress | MB9BF564KPMC       | [LQFP48]   | (3635)       |
| Cypress | MB9BF564KQN        | [QFN48]    | (4055)       |
| Cypress | MB9BF564LPMC1      | [LQFP64]   | (3169)       |
| Cypress | MB9BF565KPMC       | [LQFP48]   | (3635)       |
| Cypress | MB9BF565KQN        | [QFN48]    | (4055)       |
| Cypress | MB9BF565LPMC1      | [LQFP64]   | (3169)       |
| Cypress | MB9BF566KPMC       | [LQFP48]   | (3635)       |
| Cypress | MB9BF566KQN        | [QFN48]    | (4055)       |
| Cypress | MB9BF566LPMC1      | [LQFP64]   | (3169)       |
| Cypress | MB9BF566NPMC       | [LQFP100]  | (4019)       |
| Cypress | MB9BF566RPMC       | [LQFP120]  | (3826)       |
| Cypress | MB9BF567NPMC       | [LQFP100]  | (4019)       |
| Cypress | MB9BF567RPMC       | [LQFP120]  | (3826)       |
| Cypress | MB9BF568NPMC       | [LQFP100]  | (4019)       |

|         |                  |                        |              |
|---------|------------------|------------------------|--------------|
| Cypress | MB9BF568RPMC     | [LQFP120]              | (3826)       |
| Cypress | MB9BF616SPMC     | [LQFP144]              | (3157)       |
| Cypress | MB9BF616TBGL     | [PFBGA192]             | (3155)       |
| Cypress | MB9BF616TPMC     | [LQFP176]              | (3156)       |
| Cypress | MB9BF617SPMC     | [LQFP144]              | (3157)       |
| Cypress | MB9BF617TBGL     | [PFBGA192]             | (3155)       |
| Cypress | MB9BF617TPMC     | [LQFP176]              | (3156)       |
| Cypress | MB9BF618SPMC     | [LQFP144]              | (3157)       |
| Cypress | MB9BF618TBGL     | [PFBGA192]             | (3155)       |
| Cypress | MB9BF618TPMC     | [LQFP176]              | (3156)       |
| Cypress | PALC16L8         |                        |              |
| Cypress | PALC16L8         | [LCC20]                | (632)        |
| Cypress | PALC16L8L        |                        |              |
| Cypress | PALC16L8L        | [LCC20]                | (632)        |
| Cypress | PALC16R4         |                        |              |
| Cypress | PALC16R4         | [LCC20]                | (632)        |
| Cypress | PALC16R4L        |                        |              |
| Cypress | PALC16R4L        | [LCC20]                | (632)        |
| Cypress | PALC16R6         |                        |              |
| Cypress | PALC16R6         | [LCC20]                | (632)        |
| Cypress | PALC16R6L        |                        |              |
| Cypress | PALC16R6L        | [LCC20]                | (632)        |
| Cypress | PALC16R8         |                        |              |
| Cypress | PALC16R8         | [LCC20]                | (632)        |
| Cypress | PALC16R8L        |                        |              |
| Cypress | PALC16R8L        | [LCC20]                | (632)        |
| Cypress | PALC22V10        |                        |              |
| Cypress | PALC22V10        | [PLCC28]               | (48)         |
| Cypress | PALC22V10B       |                        |              |
| Cypress | PALC22V10B       | [PLCC28]               | (48)         |
| Cypress | PALC22V10D       |                        |              |
| Cypress | PALC22V10D       | [PLCC28]               | (48)         |
| Cypress | PALC22V10L       |                        |              |
| Cypress | PALC22V10L       | [PLCC28]               | (48)         |
| Cypress | PALCE16V8        |                        |              |
| Cypress | PALCE16V8        | [LCC20]                | (632)        |
| Cypress | PALCE16V8        | [PLCC20]               | (47)         |
| Cypress | PALCE16V8        | [SOIC20]               | (119)        |
| Cypress | PALCE16V8L       |                        |              |
| Cypress | PALCE16V8L       | [PLCC20]               | (47)         |
| Cypress | PALCE16V8L       | [SOIC20]               | (119)        |
| Cypress | PALCE20V8        |                        |              |
| Cypress | PALCE20V8        | [PLCC28]               | (48)         |
| Cypress | PALCE20V8L       |                        |              |
| Cypress | PALCE20V8L       | [PLCC28]               | (48)         |
| Cypress | PALCE22V10       |                        |              |
| Cypress | PALCE22V10       | [PLCC28]               | (48)         |
| Cypress | PLDC20G10        |                        |              |
| Cypress | PLDC20G10        | [LCC28]                | (633)        |
| Cypress | PLDC20G10        | [PLCC28]               | (48)         |
| Cypress | PLDC20G10B       |                        |              |
| Cypress | PLDC20G10B       | [LCC28]                | (633)        |
| Cypress | PLDC20G10B       | [PLCC28]               | (48)         |
| Cypress | PLDC20RA10       |                        |              |
| Cypress | PLDC20RA10       | [LCC28]                | (633)        |
| Cypress | PLDC20RA10       | [PLCC28]               | (48)         |
| Cypress | S25FL032P        | (ISP)                  | (138)        |
| Cypress | S25FL032P        | [SO16]                 | (3100) (*1)  |
| Cypress | S25FL032P        | [SO16] (Quad I/O)      | (3100) (*1)  |
| Cypress | S25FL032P        | [SO8]                  | (3087) (*1)  |
| Cypress | S25FL032P        | [SO8] (Quad I/O)       | (3087) (*1)  |
| Cypress | S25FL032P        | [USON8]                | (4117) (*1)  |
| Cypress | S25FL032P        | [USON8] (Quad I/O)     | (4117) (*1)  |
| Cypress | S25FL032P        | [WSON8]                | (3926) (*1)  |
| Cypress | S25FL032P        | [WSON8] (Quad I/O)     | (3926) (*1)  |
| Cypress | S25FL032PxxBxx02 | [BGA24]                | (1343) (*1)  |
| Cypress | S25FL032PxxBxx02 | [BGA24] (Quad I/O)     | (1343) (*1)  |
| Cypress | S25FL032PxxBxx03 | [BGA24]                | (1268) (*1)  |
| Cypress | S25FL032PxxBxx03 | [BGA24] (Quad I/O)     | (1268) (*1)  |
| Cypress | S25FL064L        | (ISP)                  | (138) (9997) |
| Cypress | S25FL064LxxBxx02 | [BGA24]                | (3122)       |
| Cypress | S25FL064LxxBxx02 | [BGA24] (Quad I/O)     | (3122)       |
| Cypress | S25FL064LxxBxx03 | [BGA24]                | (3128)       |
| Cypress | S25FL064LxxBxx03 | [BGA24] (Quad I/O)     | (3128)       |
| Cypress | S25FL064LxxMxx00 | [SOIC16]               | (3100) (*1)  |
| Cypress | S25FL064LxxMxx00 | [SOIC16] (Quad I/O)    | (3100) (*1)  |
| Cypress | S25FL064LxxMxx01 | [SOIC8]                | (3087) (*1)  |
| Cypress | S25FL064LxxMxx01 | [SOIC8] (Quad I/O)     | (3087) (*1)  |
| Cypress | S25FL064LxxNxx01 | [WSON8]                | (4117) (*1)  |
| Cypress | S25FL064LxxNxx01 | [WSON8] (Quad I/O)     | (4117) (*1)  |
| Cypress | S25FL064LxxNxx04 | [USON8]                | (3098) (*1)  |
| Cypress | S25FL064LxxNxx04 | [USON8] (Quad I/O)     | (3098) (*1)  |
| Cypress | S25FL064P        | (ISP)                  | (138)        |
| Cypress | S25FL064P        | [SO16]                 | (3100) (*1)  |
| Cypress | S25FL064P        | [SO16] (Quad I/O)      | (3100) (*1)  |
| Cypress | S25FL064P        | [WSON8]                | (3926) (*1)  |
| Cypress | S25FL064P        | [WSON8] (Quad I/O)     | (3926) (*1)  |
| Cypress | S25FL064PxxBxx02 | [BGA24]                | (1343) (*1)  |
| Cypress | S25FL064PxxBxx02 | [BGA24] (Quad I/O)     | (1343) (*1)  |
| Cypress | S25FL064PxxBxx03 | [BGA24]                | (1268) (*1)  |
| Cypress | S25FL064PxxBxx03 | [BGA24] (Quad I/O)     | (1268) (*1)  |
| Cypress | S25FL116K        | (ISP)                  | (138)        |
| Cypress | S25FL116K        | [SO8-150]              | (3094) (*1)  |
| Cypress | S25FL116K        | [SO8-150] (Quad I/O)   | (3094) (*1)  |
| Cypress | S25FL116K        | [SO8-200]              | (3087) (*1)  |
| Cypress | S25FL116K        | [SO8-200] (Quad I/O)   | (3087) (*1)  |
| Cypress | S25FL116K        | [WSON8 5x6]            | (4117) (*1)  |
| Cypress | S25FL116K        | [WSON8 5x6] (Quad I/O) | (4117) (*1)  |
| Cypress | S25FL116KxxBxx02 | [BGA24]                | (1343) (*1)  |
| Cypress | S25FL116KxxBxx02 | [BGA24] (Quad I/O)     | (1343) (*1)  |
| Cypress | S25FL116KxxBxx03 | [BGA24]                | (1268) (*1)  |
| Cypress | S25FL116KxxBxx03 | [BGA24] (Quad I/O)     | (1268) (*1)  |
| Cypress | S25FL116KxxBxxS2 | [BGA24]                | (1343) (*1)  |
| Cypress | S25FL116KxxBxxS2 | [BGA24] (Quad I/O)     | (1343) (*1)  |
| Cypress | S25FL116KxxBxxS3 | [BGA24]                | (1268) (*1)  |
| Cypress | S25FL116KxxBxxS3 | [BGA24] (Quad I/O)     | (1268) (*1)  |
| Cypress | S25FL127S        | (ISP)                  | (138) (9997) |
| Cypress | S25FL127SxxBxxC0 | [BGA24]                | (1343) (*1)  |
| Cypress | S25FL127SxxBxxC0 | [BGA24] (Quad I/O)     | (1343) (*1)  |
| Cypress | S25FL127SxxBxxD0 | [BGA24]                | (1268) (*1)  |
| Cypress | S25FL127SxxBxxD0 | [BGA24] (Quad I/O)     | (1268) (*1)  |
| Cypress | S25FL127SxxMxx00 | [SOIC16]               | (3100) (*1)  |
| Cypress | S25FL127SxxMxx00 | [SOIC16] (Quad I/O)    | (3100) (*1)  |
| Cypress | S25FL127SxxMxx10 | [SO8]                  | (3087) (*1)  |
| Cypress | S25FL127SxxMxx10 | [SO8] (Quad I/O)       | (3087) (*1)  |
| Cypress | S25FL127SxxNxx10 | [WSON8 5x6]            | (4117) (*1)  |
| Cypress | S25FL127SxxNxx10 | [WSON8 5x6] (Quad I/O) | (4117) (*1)  |
| Cypress | S25FL128L        | (ISP)                  | (138) (9997) |
| Cypress | S25FL128LxxBxx02 | [BGA24]                | (3122)       |
| Cypress | S25FL128LxxBxx02 | [BGA24] (Quad I/O)     | (3122)       |
| Cypress | S25FL128LxxBxx03 | [BGA24]                | (3128)       |
| Cypress | S25FL128LxxBxx03 | [BGA24] (Quad I/O)     | (3128)       |
| Cypress | S25FL128LxxMxx00 | [SOIC16]               | (3100) (*1)  |
| Cypress | S25FL128LxxMxx00 | [SOIC16] (Quad I/O)    | (3100) (*1)  |
| Cypress | S25FL128LxxMxx01 | [SOIC8]                | (3087) (*1)  |
| Cypress | S25FL128LxxMxx01 | [SOIC8] (Quad I/O)     | (3087) (*1)  |
| Cypress | S25FL128LxxNxx01 | [WSON8 5x6]            | (4117) (*1)  |
| Cypress | S25FL128LxxNxx01 | [WSON8 5x6] (Quad I/O) | (4117) (*1)  |

|         |                       |                        |              |      |
|---------|-----------------------|------------------------|--------------|------|
| Cypress | S25FL128PxxMxx00      | [SO16]                 | (3100)       | (*1) |
| Cypress | S25FL128PxxMxx01      | [SO16]                 | (3100)       | (*1) |
| Cypress | S25FL128PxxNxx00      | [WSON8]                | (3926)       | (*1) |
| Cypress | S25FL128PxxNxx01      | [WSON8]                | (3926)       | (*1) |
| Cypress | S25FL128Pxxxxx00      | (ISP)                  | (138)        |      |
| Cypress | S25FL128Pxxxxx01      | (ISP)                  | (138)        |      |
| Cypress | S25FL128SxxBxx20      | [BGA24]                | (3122)       |      |
| Cypress | S25FL128SxxBxx20      | [BGA24] (QuadSPI)      | (3122)       |      |
| Cypress | S25FL128SxxBxx21      | [BGA24]                | (3122)       |      |
| Cypress | S25FL128SxxBxx21      | [BGA24] (QuadSPI)      | (3122)       |      |
| Cypress | S25FL128SxxBxx30      | [BGA24]                | (3128)       |      |
| Cypress | S25FL128SxxBxx30      | [BGA24] (QuadSPI)      | (3128)       |      |
| Cypress | S25FL128SxxBxx31      | [BGA24]                | (3128)       |      |
| Cypress | S25FL128SxxBxx31      | [BGA24] (QuadSPI)      | (3128)       |      |
| Cypress | S25FL128SxxBxxA0      | [BGA24]                | (3122)       |      |
| Cypress | S25FL128SxxBxxA0      | [BGA24] (QuadSPI)      | (3122)       |      |
| Cypress | S25FL128SxxBxxA1      | [BGA24]                | (3122)       |      |
| Cypress | S25FL128SxxBxxA1      | [BGA24] (QuadSPI)      | (3122)       |      |
| Cypress | S25FL128SxxBxxB0      | [BGA24]                | (3128)       |      |
| Cypress | S25FL128SxxBxxB0      | [BGA24] (QuadSPI)      | (3128)       |      |
| Cypress | S25FL128SxxBxxB1      | [BGA24]                | (3128)       |      |
| Cypress | S25FL128SxxBxxB1      | [BGA24] (QuadSPI)      | (3128)       |      |
| Cypress | S25FL128SxxBxxC0      | [BGA24]                | (3122)       |      |
| Cypress | S25FL128SxxBxxC0      | [BGA24] (QuadSPI)      | (3122)       |      |
| Cypress | S25FL128SxxBxxC1      | [BGA24]                | (3122)       |      |
| Cypress | S25FL128SxxBxxC1      | [BGA24] (QuadSPI)      | (3122)       |      |
| Cypress | S25FL128SxxBxxD0      | [BGA24]                | (3128)       |      |
| Cypress | S25FL128SxxBxxD0      | [BGA24] (QuadSPI)      | (3128)       |      |
| Cypress | S25FL128SxxBxxD1      | [BGA24]                | (3128)       |      |
| Cypress | S25FL128SxxBxxD1      | [BGA24] (QuadSPI)      | (3128)       |      |
| Cypress | S25FL128SxxMxx00      | [SO16]                 | (3100)       | (*1) |
| Cypress | S25FL128SxxMxx00      | [SO16] (QuadSPI)       | (3100)       | (*1) |
| Cypress | S25FL128SxxMxx01      | [SO16]                 | (3100)       | (*1) |
| Cypress | S25FL128SxxMxx01      | [SO16] (QuadSPI)       | (3100)       | (*1) |
| Cypress | S25FL128SxxMxxG0      | [SO16]                 | (3100)       | (*1) |
| Cypress | S25FL128SxxMxxG0      | [SO16] (QuadSPI)       | (3100)       | (*1) |
| Cypress | S25FL128SxxMxxG1      | [SO16]                 | (3100)       | (*1) |
| Cypress | S25FL128SxxMxxG1      | [SO16] (QuadSPI)       | (3100)       | (*1) |
| Cypress | S25FL128SxxMxxR0      | [SO16]                 | (3100)       | (*1) |
| Cypress | S25FL128SxxMxxR0      | [SO16] (QuadSPI)       | (3100)       | (*1) |
| Cypress | S25FL128SxxMxxR1      | [SO16]                 | (3100)       | (*1) |
| Cypress | S25FL128SxxMxxR1      | [SO16] (QuadSPI)       | (3100)       | (*1) |
| Cypress | S25FL128SxxNxx00      | [WSON8]                | (3926)       | (*1) |
| Cypress | S25FL128SxxNxx00      | [WSON8] (QuadSPI)      | (3926)       | (*1) |
| Cypress | S25FL128SxxNxx01      | [WSON8]                | (3926)       | (*1) |
| Cypress | S25FL128SxxNxx01      | [WSON8] (QuadSPI)      | (3926)       | (*1) |
| Cypress | S25FL128Sxxxxx00      | (ISP)                  | (138) (9997) |      |
| Cypress | S25FL128Sxxxxx01      | (ISP)                  | (138) (9997) |      |
| Cypress | S25FL129PxxBxx20      | [BGA24]                | (1343)       | (*1) |
| Cypress | S25FL129PxxBxx20      | [BGA24] (Quad I/O)     | (1343)       | (*1) |
| Cypress | S25FL129PxxBxx21      | [BGA24]                | (1343)       | (*1) |
| Cypress | S25FL129PxxBxx21      | [BGA24] (Quad I/O)     | (1343)       | (*1) |
| Cypress | S25FL129PxxBxx30      | [BGA24]                | (1268)       | (*1) |
| Cypress | S25FL129PxxBxx30      | [BGA24] (Quad I/O)     | (1268)       | (*1) |
| Cypress | S25FL129PxxBxx31      | [BGA24]                | (1268)       | (*1) |
| Cypress | S25FL129PxxBxx31      | [BGA24] (Quad I/O)     | (1268)       | (*1) |
| Cypress | S25FL129PxxMxx00      | [SO16]                 | (3100)       | (*1) |
| Cypress | S25FL129PxxMxx00      | [SO16] (Quad I/O)      | (3100)       | (*1) |
| Cypress | S25FL129PxxMxx01      | [SO16]                 | (3100)       | (*1) |
| Cypress | S25FL129PxxMxx01      | [SO16] (Quad I/O)      | (3100)       | (*1) |
| Cypress | S25FL129PxxNxx00      | [WSON8]                | (3926)       | (*1) |
| Cypress | S25FL129PxxNxx00      | [WSON8] (Quad I/O)     | (3926)       | (*1) |
| Cypress | S25FL129PxxNxx01      | [WSON8]                | (3926)       | (*1) |
| Cypress | S25FL129PxxNxx01      | [WSON8] (Quad I/O)     | (3926)       | (*1) |
| Cypress | S25FL129Pxxxxx00      | (ISP)                  | (138)        |      |
| Cypress | S25FL129Pxxxxx01      | (ISP)                  | (138)        |      |
| Cypress | S25FL132K (ISP)       |                        | (138)        |      |
| Cypress | S25FL132K [SO8-150]   |                        | (3094)       | (*1) |
| Cypress | S25FL132K [SO8-150]   | (Quad I/O)             | (3094)       | (*1) |
| Cypress | S25FL132K [SO8-200]   |                        | (3087)       | (*1) |
| Cypress | S25FL132K [SO8-200]   | (Quad I/O)             | (3087)       | (*1) |
| Cypress | S25FL132K [WSON8 5x6] |                        | (4117)       | (*1) |
| Cypress | S25FL132K [WSON8 5x6] | (Quad I/O)             | (4117)       | (*1) |
| Cypress | S25FL132KxxxBxx02     | [BGA24]                | (1343)       | (*1) |
| Cypress | S25FL132KxxxBxx02     | [BGA24] (Quad I/O)     | (1343)       | (*1) |
| Cypress | S25FL132KxxxBxx03     | [BGA24]                | (1268)       | (*1) |
| Cypress | S25FL132KxxxBxx03     | [BGA24] (Quad I/O)     | (1268)       | (*1) |
| Cypress | S25FL132KxxxBxxS2     | [BGA24]                | (1343)       | (*1) |
| Cypress | S25FL132KxxxBxxS2     | [BGA24] (Quad I/O)     | (1343)       | (*1) |
| Cypress | S25FL132KxxxBxxS3     | [BGA24]                | (1268)       | (*1) |
| Cypress | S25FL132KxxxBxxS3     | [BGA24] (Quad I/O)     | (1268)       | (*1) |
| Cypress | S25FL132KxxxxxxQ1     | [SO8-200] (Quad I/O)   | (3087)       | (*1) |
| Cypress | S25FL132KxxxxxxQ1     | [WSON8 5x6] (Quad I/O) | (4117)       | (*1) |
| Cypress | S25FL164K (ISP)       |                        | (138)        |      |
| Cypress | S25FL164K [SO16]      |                        | (3100)       | (*1) |
| Cypress | S25FL164K [SO16]      | (Quad I/O)             | (3100)       | (*1) |
| Cypress | S25FL164K [SO8-200]   |                        | (3087)       | (*1) |
| Cypress | S25FL164K [SO8-200]   | (Quad I/O)             | (3087)       | (*1) |
| Cypress | S25FL164K [WSON8 5x6] |                        | (4117)       | (*1) |
| Cypress | S25FL164K [WSON8 5x6] | (Quad I/O)             | (4117)       | (*1) |
| Cypress | S25FL164KxxxBxx02     | [BGA24]                | (1343)       | (*1) |
| Cypress | S25FL164KxxxBxx02     | [BGA24] (Quad I/O)     | (1343)       | (*1) |
| Cypress | S25FL164KxxxBxx03     | [BGA24]                | (1268)       | (*1) |
| Cypress | S25FL164KxxxBxx03     | [BGA24] (Quad I/O)     | (1268)       | (*1) |
| Cypress | S25FL164KxxxBxxS2     | [BGA24]                | (1343)       | (*1) |
| Cypress | S25FL164KxxxBxxS2     | [BGA24] (Quad I/O)     | (1343)       | (*1) |
| Cypress | S25FL164KxxxBxxS3     | [BGA24]                | (1268)       | (*1) |
| Cypress | S25FL164KxxxBxxS3     | [BGA24] (Quad I/O)     | (1268)       | (*1) |
| Cypress | S25FL164KxxxxxxQ1     | [SO8-200] (Quad I/O)   | (3087)       | (*1) |
| Cypress | S25FL164KxxxxxxQ1     | [WSON8 5x6] (Quad I/O) | (4117)       | (*1) |
| Cypress | S25FL204K (ISP)       |                        | (138)        |      |
| Cypress | S25FL204K [SO8-150]   |                        | (3094)       | (*1) |
| Cypress | S25FL204K [SO8-150]   | (DualSPI)              | (3094)       | (*1) |
| Cypress | S25FL204K [SO8-200]   |                        | (3087)       | (*1) |
| Cypress | S25FL204K [SO8-200]   | (DualSPI)              | (3087)       | (*1) |
| Cypress | S25FL208K (ISP)       |                        | (138)        |      |
| Cypress | S25FL208K [SO8-150]   |                        | (3094)       | (*1) |
| Cypress | S25FL208K [SO8-150]   | (DualSPI)              | (3094)       | (*1) |
| Cypress | S25FL208K [SO8-200]   |                        | (3087)       | (*1) |
| Cypress | S25FL208K [SO8-200]   | (DualSPI)              | (3087)       | (*1) |
| Cypress | S25FL256L (ISP)       |                        | (138) (9997) |      |
| Cypress | S25FL256LxxxBxx02     | [BGA24]                | (3122)       |      |
| Cypress | S25FL256LxxxBxx02     | [BGA24] (Quad I/O)     | (3122)       |      |
| Cypress | S25FL256LxxMxx00      | [SOIC16]               | (3100)       | (*1) |
| Cypress | S25FL256LxxMxx00      | [SOIC16] (Quad I/O)    | (3100)       | (*1) |
| Cypress | S25FL256SxxBxx20      | [BGA24]                | (3122)       |      |
| Cypress | S25FL256SxxBxx20      | [BGA24] (QuadSPI)      | (3122)       |      |
| Cypress | S25FL256SxxBxx21      | [BGA24]                | (3122)       |      |
| Cypress | S25FL256SxxBxx21      | [BGA24] (QuadSPI)      | (3122)       |      |
| Cypress | S25FL256SxxBxx30      | [BGA24]                | (3128)       |      |
| Cypress | S25FL256SxxBxx30      | [BGA24] (QuadSPI)      | (3128)       |      |
| Cypress | S25FL256SxxBxx31      | [BGA24]                | (3128)       |      |
| Cypress | S25FL256SxxBxx31      | [BGA24] (QuadSPI)      | (3128)       |      |
| Cypress | S25FL256SxxBxxA0      | [BGA24]                | (3122)       |      |
| Cypress | S25FL256SxxBxxA0      | [BGA24] (QuadSPI)      | (3122)       |      |
| Cypress | S25FL256SxxBxxA1      | [BGA24]                | (3122)       |      |
| Cypress | S25FL256SxxBxxA1      | [BGA24] (QuadSPI)      | (3122)       |      |
| Cypress | S25FL256SxxBxxB0      | [BGA24]                | (3128)       |      |

|         |                  |          |           |              |
|---------|------------------|----------|-----------|--------------|
| Cypress | S25FL256SxxBxxB0 | [BGA24]  | (QuadSPI) | (3128)       |
| Cypress | S25FL256SxxBxxB1 | [BGA24]  |           | (3128)       |
| Cypress | S25FL256SxxBxxB1 | [BGA24]  | (QuadSPI) | (3128)       |
| Cypress | S25FL256SxxBxxC0 | [BGA24]  |           | (3122)       |
| Cypress | S25FL256SxxBxxC0 | [BGA24]  | (QuadSPI) | (3122)       |
| Cypress | S25FL256SxxBxxC1 | [BGA24]  |           | (3122)       |
| Cypress | S25FL256SxxBxxC1 | [BGA24]  | (QuadSPI) | (3122)       |
| Cypress | S25FL256SxxBxxD0 | [BGA24]  |           | (3128)       |
| Cypress | S25FL256SxxBxxD0 | [BGA24]  | (QuadSPI) | (3128)       |
| Cypress | S25FL256SxxBxxD1 | [BGA24]  |           | (3128)       |
| Cypress | S25FL256SxxBxxD1 | [BGA24]  | (QuadSPI) | (3128)       |
| Cypress | S25FL256SxxMxx00 | [SO16]   |           | (3100) (*1)  |
| Cypress | S25FL256SxxMxx00 | [SO16]   | (QuadSPI) | (3100) (*1)  |
| Cypress | S25FL256SxxMxx01 | [SO16]   |           | (3100) (*1)  |
| Cypress | S25FL256SxxMxx01 | [SO16]   | (QuadSPI) | (3100) (*1)  |
| Cypress | S25FL256SxxMxxG0 | [SO16]   |           | (3100) (*1)  |
| Cypress | S25FL256SxxMxxG0 | [SO16]   | (QuadSPI) | (3100) (*1)  |
| Cypress | S25FL256SxxMxxG1 | [SO16]   |           | (3100) (*1)  |
| Cypress | S25FL256SxxMxxG1 | [SO16]   | (QuadSPI) | (3100) (*1)  |
| Cypress | S25FL256SxxMxxR0 | [SO16]   |           | (3100) (*1)  |
| Cypress | S25FL256SxxMxxR0 | [SO16]   | (QuadSPI) | (3100) (*1)  |
| Cypress | S25FL256SxxMxxR1 | [SO16]   |           | (3100) (*1)  |
| Cypress | S25FL256SxxMxxR1 | [SO16]   | (QuadSPI) | (3100) (*1)  |
| Cypress | S25FL256SxxNxx00 | [WSON8]  |           | (3926) (*1)  |
| Cypress | S25FL256SxxNxx00 | [WSON8]  | (QuadSPI) | (3926) (*1)  |
| Cypress | S25FL256SxxNxx01 | [WSON8]  |           | (3926) (*1)  |
| Cypress | S25FL256SxxNxx01 | [WSON8]  | (QuadSPI) | (3926) (*1)  |
| Cypress | S25FL256Sxxxxx00 | [ISP]    |           | (138) (9997) |
| Cypress | S25FL256Sxxxxx01 | [ISP]    |           | (138) (9997) |
| Cypress | S25FL512SxxBxx21 | [BGA24]  |           | (3122)       |
| Cypress | S25FL512SxxBxx21 | [BGA24]  | (QuadSPI) | (3122)       |
| Cypress | S25FL512SxxBxx31 | [BGA24]  |           | (3128)       |
| Cypress | S25FL512SxxBxx31 | [BGA24]  | (QuadSPI) | (3128)       |
| Cypress | S25FL512SxxBxxA1 | [BGA24]  |           | (3122)       |
| Cypress | S25FL512SxxBxxA1 | [BGA24]  | (QuadSPI) | (3122)       |
| Cypress | S25FL512SxxBxxB1 | [BGA24]  |           | (3128)       |
| Cypress | S25FL512SxxBxxB1 | [BGA24]  | (QuadSPI) | (3128)       |
| Cypress | S25FL512SxxBxxC1 | [BGA24]  |           | (3122)       |
| Cypress | S25FL512SxxBxxC1 | [BGA24]  | (QuadSPI) | (3122)       |
| Cypress | S25FL512SxxBxxD1 | [BGA24]  |           | (3128)       |
| Cypress | S25FL512SxxBxxD1 | [BGA24]  | (QuadSPI) | (3128)       |
| Cypress | S25FL512SxxMxx01 | [SO16]   |           | (3100) (*1)  |
| Cypress | S25FL512SxxMxx01 | [SO16]   | (QuadSPI) | (3100) (*1)  |
| Cypress | S25FL512SxxMxxG1 | [SO16]   |           | (3100) (*1)  |
| Cypress | S25FL512SxxMxxG1 | [SO16]   | (QuadSPI) | (3100) (*1)  |
| Cypress | S25FL512SxxMxxR1 | [SO16]   |           | (3100) (*1)  |
| Cypress | S25FL512SxxMxxR1 | [SO16]   | (QuadSPI) | (3100) (*1)  |
| Cypress | S25FL512Sxxxxx01 | [ISP]    |           | (138) (9997) |
| Cypress | S25FS128SxxBxx20 | [BGA24]  |           | (1343) (*1)  |
| Cypress | S25FS128SxxBxx30 | [BGA24]  |           | (1268) (*1)  |
| Cypress | S25FS128SxxMxx00 | [SO16]   |           | (3100) (*1)  |
| Cypress | S25FS128SxxMxx10 | [SO1C8]  |           | (3087) (*1)  |
| Cypress | S25FS128SxxMxx1D | [SO1C8]  |           | (3087) (*1)  |
| Cypress | S25FS128SxxNxx00 | [WSON8]  |           | (3926) (*1)  |
| Cypress | S25FS128SxxNxx10 | [WSON8]  |           | (4117) (*1)  |
| Cypress | S25FS256SxxBxx20 | [BGA24]  |           | (1343) (*1)  |
| Cypress | S25FS256SxxBxx30 | [BGA24]  |           | (1268) (*1)  |
| Cypress | S25FS256SxxMxx00 | [SO16]   |           | (3100) (*1)  |
| Cypress | S25FS256SxxNxx00 | [WSON8]  |           | (3926) (*1)  |
| Cypress | S25FS256Sxxxxx00 | [ISP]    |           | (138) (9997) |
| Cypress | S25FS512SxxBxx21 | [BGA24]  |           | (1343) (*1)  |
| Cypress | S25FS512SxxBxx21 | [BGA24]  | (QuadSPI) | (3122)       |
| Cypress | S25FS512SxxMxx01 | [SO16]   |           | (3101) (*1)  |
| Cypress | S25FS512SxxMxx01 | [SO16]   | (QuadSPI) | (3100) (*1)  |
| Cypress | S25FS512SxxNxx01 | [WSON8]  |           | (3926) (*1)  |
| Cypress | S25FS512SxxNxx01 | [WSON8]  | (QuadSPI) | (3926) (*1)  |
| Cypress | S25FS512Sxxxxx01 | [ISP]    |           | (138) (9997) |
| Cypress | S26HL512TxxBxx00 | [BGA24]  |           | (4392)       |
| Cypress | S26HS512TxxBxx00 | [BGA24]  |           | (4392)       |
| Cypress | S26KL128SxxBxx02 | [BGA24]  |           | (4392)       |
| Cypress | S26KL128SxxBxx03 | [BGA24]  |           | (4392)       |
| Cypress | S26KL256SxxBxx02 | [BGA24]  |           | (4392)       |
| Cypress | S26KL256SxxBxx03 | [BGA24]  |           | (4392)       |
| Cypress | S26KL512SxxBxx02 | [BGA24]  |           | (4392)       |
| Cypress | S26KL512SxxBxx03 | [BGA24]  |           | (4392)       |
| Cypress | S26KS128SxxBxx02 | [BGA24]  |           | (4392)       |
| Cypress | S26KS128SxxBxx03 | [BGA24]  |           | (4392)       |
| Cypress | S26KS256SxxBxx02 | [BGA24]  |           | (4392)       |
| Cypress | S26KS256SxxBxx03 | [BGA24]  |           | (4392)       |
| Cypress | S26KS512SxxBxx02 | [BGA24]  |           | (4392)       |
| Cypress | S26KS512SxxBxx03 | [BGA24]  |           | (4392)       |
| Cypress | S29AL004DxxBxx01 | [FBGA48] |           | (959)        |
| Cypress | S29AL004DxxBxx02 | [FBGA48] |           | (959)        |
| Cypress | S29AL004DxxMxx01 | [PSOP44] |           | (1356)       |
| Cypress | S29AL004DxxMxx02 | [PSOP44] |           | (1356)       |
| Cypress | S29AL004DxxTxx01 | [TSOP48] |           | (1346)       |
| Cypress | S29AL004DxxTxx02 | [TSOP48] |           | (1346)       |
| Cypress | S29AL008DxxBxx01 | [FBGA48] |           | (959)        |
| Cypress | S29AL008DxxBxx02 | [FBGA48] |           | (959)        |
| Cypress | S29AL008DxxBxxR1 | [FBGA48] |           | (959)        |
| Cypress | S29AL008DxxBxxR2 | [FBGA48] |           | (959)        |
| Cypress | S29AL008DxxTxx01 | [TSOP48] |           | (1346)       |
| Cypress | S29AL008DxxTxx02 | [TSOP48] |           | (1346)       |
| Cypress | S29AL008DxxTxxR1 | [TSOP48] |           | (1346)       |
| Cypress | S29AL008DxxTxxR2 | [TSOP48] |           | (1346)       |
| Cypress | S29AL008JxxBxx01 | [FBGA48] |           | (959)        |
| Cypress | S29AL008JxxBxx02 | [FBGA48] |           | (959)        |
| Cypress | S29AL008JxxBxx03 | [FBGA48] |           | (959)        |
| Cypress | S29AL008JxxBxx04 | [FBGA48] |           | (959)        |
| Cypress | S29AL008JxxBxxR1 | [FBGA48] |           | (959)        |
| Cypress | S29AL008JxxBxxR2 | [FBGA48] |           | (959)        |
| Cypress | S29AL008JxxFxx03 | [FBGA64] |           | (1261)       |
| Cypress | S29AL008JxxFxx04 | [FBGA64] |           | (1261)       |
| Cypress | S29AL008JxxMxx03 | [PSOP44] |           | (1356)       |
| Cypress | S29AL008JxxMxx04 | [PSOP44] |           | (1356)       |
| Cypress | S29AL008JxxTxx01 | [TSOP48] |           | (1346)       |
| Cypress | S29AL008JxxTxx02 | [TSOP48] |           | (1346)       |
| Cypress | S29AL008JxxTxx03 | [TSOP48] |           | (1346)       |
| Cypress | S29AL008JxxTxx04 | [TSOP48] |           | (1346)       |
| Cypress | S29AL008JxxTxxR1 | [TSOP48] |           | (1346)       |
| Cypress | S29AL008JxxTxxR2 | [TSOP48] |           | (1346)       |
| Cypress | S29AL016JxxBxx01 | [FBGA48] |           | (959)        |
| Cypress | S29AL016JxxBxx02 | [FBGA48] |           | (959)        |
| Cypress | S29AL016JxxBxx03 | [FBGA48] |           | (959)        |
| Cypress | S29AL016JxxBxx04 | [FBGA48] |           | (959)        |
| Cypress | S29AL016JxxBxxR1 | [FBGA48] |           | (959)        |
| Cypress | S29AL016JxxBxxR2 | [FBGA48] |           | (959)        |
| Cypress | S29AL016JxxFxx01 | [FBGA64] |           | (1261)       |
| Cypress | S29AL016JxxFxx02 | [FBGA64] |           | (1261)       |
| Cypress | S29AL016JxxFxxR1 | [FBGA64] |           | (1261)       |
| Cypress | S29AL016JxxFxxR2 | [FBGA64] |           | (1261)       |
| Cypress | S29AL016JxxTxx01 | [TSOP48] |           | (1346)       |
| Cypress | S29AL016JxxTxx02 | [TSOP48] |           | (1346)       |
| Cypress | S29AL016JxxTxx03 | [TSOP48] |           | (1346)       |
| Cypress | S29AL016JxxTxx04 | [TSOP48] |           | (1346)       |
| Cypress | S29AL016JxxTxxR1 | [TSOP48] |           | (1346)       |
| Cypress | S29AL016JxxTxxR2 | [TSOP48] |           | (1346)       |
| Cypress | S29AL032DxxBxx03 | [FBGA48] |           | (707)        |

|         |                   |          |        |
|---------|-------------------|----------|--------|
| Cypress | S29AL032DxxBxx04  | [FBGA48] | (707)  |
| Cypress | S29AL032DxxTxx03  | [TSOP48] | (1346) |
| Cypress | S29AL032DxxTxx04  | [TSOP48] | (1346) |
| Cypress | S29AS008JxxBxx01  | [FBGA48] | (959)  |
| Cypress | S29AS008JxxBxx02  | [FBGA48] | (959)  |
| Cypress | S29AS008JxxBxx03  | [FBGA48] | (959)  |
| Cypress | S29AS008JxxBxx04  | [FBGA48] | (959)  |
| Cypress | S29AS008JxxTxx01  | [TSOP48] | (1346) |
| Cypress | S29AS008JxxTxx02  | [TSOP48] | (1346) |
| Cypress | S29AS008JxxTxx03  | [TSOP48] | (1346) |
| Cypress | S29AS008JxxTxx04  | [TSOP48] | (1346) |
| Cypress | S29AS016JxxBxx01  | [FBGA48] | (959)  |
| Cypress | S29AS016JxxBxx02  | [FBGA48] | (959)  |
| Cypress | S29AS016JxxBxx03  | [FBGA48] | (959)  |
| Cypress | S29AS016JxxBxx04  | [FBGA48] | (959)  |
| Cypress | S29AS016JxxBxxF3  | [FBGA48] | (2390) |
| Cypress | S29AS016JxxBxxF4  | [FBGA48] | (2390) |
| Cypress | S29AS016JxxTxx01  | [TSOP48] | (1346) |
| Cypress | S29AS016JxxTxx02  | [TSOP48] | (1346) |
| Cypress | S29AS016JxxTxx03  | [TSOP48] | (1346) |
| Cypress | S29AS016JxxTxx04  | [TSOP48] | (1346) |
| Cypress | S29GL01GPxxFxx01  | [FBGA64] | (1109) |
| Cypress | S29GL01GPxxFxx02  | [FBGA64] | (1109) |
| Cypress | S29GL01GPxxFxxR1  | [FBGA64] | (1109) |
| Cypress | S29GL01GPxxFxxR2  | [FBGA64] | (1109) |
| Cypress | S29GL01GPxxFxxv1  | [FBGA64] | (1109) |
| Cypress | S29GL01GPxxFxxv2  | [FBGA64] | (1109) |
| Cypress | S29GL01GPxxTxx01  | [TSOP56] | (3161) |
| Cypress | S29GL01GPxxTxx02  | [TSOP56] | (3161) |
| Cypress | S29GL01GPxxTxxR1  | [TSOP56] | (3161) |
| Cypress | S29GL01GPxxTxxR2  | [TSOP56] | (3161) |
| Cypress | S29GL01GPxxTxxv1  | [TSOP56] | (3161) |
| Cypress | S29GL01GPxxTxxv2  | [TSOP56] | (3161) |
| Cypress | S29GL01GSxxDxx01  | [FBGA64] | (1187) |
| Cypress | S29GL01GSxxDxx02  | [FBGA64] | (1187) |
| Cypress | S29GL01GSxxDxxv1  | [FBGA64] | (1187) |
| Cypress | S29GL01GSxxDxxv2  | [FBGA64] | (1187) |
| Cypress | S29GL01GSxxFxx01  | [FBGA64] | (1109) |
| Cypress | S29GL01GSxxFxx02  | [FBGA64] | (1109) |
| Cypress | S29GL01GSxxFxxv1  | [FBGA64] | (1109) |
| Cypress | S29GL01GSxxFxxv2  | [FBGA64] | (1109) |
| Cypress | S29GL01GSxxTFxx01 | [TSOP56] | (3161) |
| Cypress | S29GL01GSxxTFxx02 | [TSOP56] | (3161) |
| Cypress | S29GL01GSxxTFxxv1 | [TSOP56] | (3161) |
| Cypress | S29GL01GSxxTFxxv2 | [TSOP56] | (3161) |
| Cypress | S29GL01GTxxDxx01  | [FBGA64] | (1187) |
| Cypress | S29GL01GTxxDxx02  | [FBGA64] | (1187) |
| Cypress | S29GL01GTxxDxxv1  | [FBGA64] | (1187) |
| Cypress | S29GL01GTxxDxxv2  | [FBGA64] | (1187) |
| Cypress | S29GL01GTxxFxx01  | [FBGA64] | (1109) |
| Cypress | S29GL01GTxxFxx02  | [FBGA64] | (1109) |
| Cypress | S29GL01GTxxFxxv1  | [FBGA64] | (1109) |
| Cypress | S29GL01GTxxFxxv2  | [FBGA64] | (1109) |
| Cypress | S29GL01GTxxGxx01  | [FBGA56] | (3794) |
| Cypress | S29GL01GTxxGxx02  | [FBGA56] | (3794) |
| Cypress | S29GL01GTxxTFxx01 | [TSOP56] | (3160) |
| Cypress | S29GL01GTxxTFxx02 | [TSOP56] | (3160) |
| Cypress | S29GL01GTxxTFxxv1 | [TSOP56] | (3160) |
| Cypress | S29GL01GTxxTFxxv2 | [TSOP56] | (3160) |
| Cypress | S29GL032NxxBxx03  | [FBGA48] | (959)  |
| Cypress | S29GL032NxxBxx04  | [FBGA48] | (959)  |
| Cypress | S29GL032NxxBxxR3  | [FBGA48] | (959)  |
| Cypress | S29GL032NxxBxxR4  | [FBGA48] | (959)  |
| Cypress | S29GL032NxxDxx01  | [FBGA64] | (1261) |
| Cypress | S29GL032NxxDxx02  | [FBGA64] | (1261) |
| Cypress | S29GL032NxxDxx03  | [FBGA64] | (1261) |
| Cypress | S29GL032NxxDxx04  | [FBGA64] | (1261) |
| Cypress | S29GL032NxxDxxv1  | [FBGA64] | (1261) |
| Cypress | S29GL032NxxDxxv2  | [FBGA64] | (1261) |
| Cypress | S29GL032NxxFxx01  | [FBGA64] | (922)  |
| Cypress | S29GL032NxxFxx02  | [FBGA64] | (922)  |
| Cypress | S29GL032NxxFxx03  | [FBGA64] | (922)  |
| Cypress | S29GL032NxxFxx04  | [FBGA64] | (922)  |
| Cypress | S29GL032NxxFxxR3  | [FBGA64] | (922)  |
| Cypress | S29GL032NxxFxxR4  | [FBGA64] | (922)  |
| Cypress | S29GL032NxxTxx01  | [TSOP56] | (3080) |
| Cypress | S29GL032NxxTxx02  | [TSOP56] | (3080) |
| Cypress | S29GL032NxxTxx03  | [TSOP48] | (1346) |
| Cypress | S29GL032NxxTxx04  | [TSOP48] | (1346) |
| Cypress | S29GL032NxxTxxM3  | [TSOP48] | (1346) |
| Cypress | S29GL032NxxTxxR1  | [TSOP56] | (3080) |
| Cypress | S29GL032NxxTxxR2  | [TSOP56] | (3080) |
| Cypress | S29GL032NxxTxxR3  | [TSOP48] | (1346) |
| Cypress | S29GL032NxxTxxR4  | [TSOP48] | (1346) |
| Cypress | S29GL032NxxTxxv1  | [TSOP56] | (3080) |
| Cypress | S29GL032NxxTxxv2  | [TSOP56] | (3080) |
| Cypress | S29GL064NxxBxx03  | [FBGA48] | (959)  |
| Cypress | S29GL064NxxBxx04  | [FBGA48] | (959)  |
| Cypress | S29GL064NxxBxxR3  | [FBGA48] | (959)  |
| Cypress | S29GL064NxxBxxR4  | [FBGA48] | (959)  |
| Cypress | S29GL064NxxDxx01  | [FBGA64] | (1261) |
| Cypress | S29GL064NxxDxx02  | [FBGA64] | (1261) |
| Cypress | S29GL064NxxDxx03  | [FBGA64] | (1261) |
| Cypress | S29GL064NxxDxx04  | [FBGA64] | (1261) |
| Cypress | S29GL064NxxDxxv1  | [FBGA64] | (1261) |
| Cypress | S29GL064NxxDxxv2  | [FBGA64] | (1261) |
| Cypress | S29GL064NxxFxx01  | [FBGA64] | (922)  |
| Cypress | S29GL064NxxFxx02  | [FBGA64] | (922)  |
| Cypress | S29GL064NxxFxx03  | [FBGA64] | (922)  |
| Cypress | S29GL064NxxFxx04  | [FBGA64] | (922)  |
| Cypress | S29GL064NxxFxxR1  | [FBGA64] | (922)  |
| Cypress | S29GL064NxxFxxR2  | [FBGA64] | (922)  |
| Cypress | S29GL064NxxFxxR3  | [FBGA64] | (922)  |
| Cypress | S29GL064NxxFxxR4  | [FBGA64] | (922)  |
| Cypress | S29GL064NxxFxxv1  | [FBGA64] | (922)  |
| Cypress | S29GL064NxxFxxv2  | [FBGA64] | (922)  |
| Cypress | S29GL064NxxTxx01  | [TSOP56] | (3080) |
| Cypress | S29GL064NxxTxx02  | [TSOP56] | (3080) |
| Cypress | S29GL064NxxTxx03  | [TSOP48] | (1346) |
| Cypress | S29GL064NxxTxx04  | [TSOP48] | (1346) |
| Cypress | S29GL064NxxTxx06  | [TSOP48] | (1346) |
| Cypress | S29GL064NxxTxx07  | [TSOP48] | (1346) |
| Cypress | S29GL064NxxTxxR1  | [TSOP56] | (3080) |
| Cypress | S29GL064NxxTxxR2  | [TSOP56] | (3080) |
| Cypress | S29GL064NxxTxxR3  | [TSOP48] | (1346) |
| Cypress | S29GL064NxxTxxR4  | [TSOP48] | (1346) |
| Cypress | S29GL064NxxTxxR6  | [TSOP48] | (1346) |
| Cypress | S29GL064NxxTxxR7  | [TSOP48] | (1346) |
| Cypress | S29GL064NxxTxxv1  | [TSOP56] | (3080) |
| Cypress | S29GL064NxxTxxv2  | [TSOP56] | (3080) |
| Cypress | S29GL064NxxTxxv6  | [TSOP48] | (1346) |
| Cypress | S29GL064NxxTxxv7  | [TSOP48] | (1346) |
| Cypress | S29GL064SxxBxx03  | [FBGA48] | (959)  |
| Cypress | S29GL064SxxBxx04  | [FBGA48] | (959)  |
| Cypress | S29GL064SxxDxx01  | [FBGA64] | (1261) |
| Cypress | S29GL064SxxDxx02  | [FBGA64] | (1261) |
| Cypress | S29GL064SxxDxx03  | [FBGA64] | (1261) |
| Cypress | S29GL064SxxDxx04  | [FBGA64] | (1261) |

(VDF048)  
(VDF048)

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|         |                  |                     |                    |
|---------|------------------|---------------------|--------------------|
| Cypress | S29GL512PxxTxx01 | [TSOP56]            | (3080)             |
| Cypress | S29GL512PxxTxx02 | [TSOP56]            | (3080)             |
| Cypress | S29GL512PxxTxxR1 | [TSOP56]            | (3080)             |
| Cypress | S29GL512PxxTxxR2 | [TSOP56]            | (3080)             |
| Cypress | S29GL512PxxTxxv1 | [TSOP56]            | (3080)             |
| Cypress | S29GL512PxxTxxv2 | [TSOP56]            | (3080)             |
| Cypress | S29GL512SxxDXH01 | [FBGA64]            | (1187)             |
| Cypress | S29GL512SxxDXH02 | [FBGA64]            | (1187)             |
| Cypress | S29GL512SxxDXHv1 | [FBGA64]            | (1187)             |
| Cypress | S29GL512SxxDXHv2 | [FBGA64]            | (1187)             |
| Cypress | S29GL512SxxFXH01 | [FBGA64]            | (1109)             |
| Cypress | S29GL512SxxFXH02 | [FBGA64]            | (1109)             |
| Cypress | S29GL512SxxFXHv1 | [FBGA64]            | (1109)             |
| Cypress | S29GL512SxxFXHv2 | [FBGA64]            | (1109)             |
| Cypress | S29GL512SxxGXH01 | [FBGA56]            | (2772)             |
| Cypress | S29GL512SxxGXH02 | [FBGA56]            | (2772)             |
| Cypress | S29GL512SxxTFx01 | [TSOP56]            | (3080)             |
| Cypress | S29GL512SxxTFx02 | [TSOP56]            | (3080)             |
| Cypress | S29GL512SxxTFxv1 | [TSOP56]            | (3080)             |
| Cypress | S29GL512SxxTFxv2 | [TSOP56]            | (3080)             |
| Cypress | S29GL512TxxDXH01 | [FBGA64]            | (1187)             |
| Cypress | S29GL512TxxDXH02 | [FBGA64]            | (1187)             |
| Cypress | S29GL512TxxDXHv1 | [FBGA64]            | (1187)             |
| Cypress | S29GL512TxxDXHv2 | [FBGA64]            | (1187)             |
| Cypress | S29GL512TxxFXH01 | [FBGA64]            | (1109)             |
| Cypress | S29GL512TxxFXH02 | [FBGA64]            | (1109)             |
| Cypress | S29GL512TxxFXHv1 | [FBGA64]            | (1109)             |
| Cypress | S29GL512TxxFXHv2 | [FBGA64]            | (1109)             |
| Cypress | S29GL512TxxGXH01 | [FBGA56]            | (2772)             |
| Cypress | S29GL512TxxGXH02 | [FBGA56]            | (2772)             |
| Cypress | S29GL512TxxTFx01 | [TSOP56]            | (3079)             |
| Cypress | S29GL512TxxTFx02 | [TSOP56]            | (3080)             |
| Cypress | S29GL512TxxTFx03 | [TSOP56]            | (3079)             |
| Cypress | S29GL512TxxTFxv1 | [TSOP56]            | (3079)             |
| Cypress | S29GL512TxxTFxv2 | [TSOP56]            | (3079)             |
| Cypress | S29JL032HxxBxx31 | [FBGA48]            | (959)              |
| Cypress | S29JL032HxxBxx32 | [FBGA48]            | (959)              |
| Cypress | S29JL032HxxTxx01 | [TSOP48]            | (1346)             |
| Cypress | S29JL032HxxTxx02 | [TSOP48]            | (1346)             |
| Cypress | S29JL032HxxTxx21 | [TSOP48]            | (1346)             |
| Cypress | S29JL032HxxTxx22 | [TSOP48]            | (1346)             |
| Cypress | S29JL032HxxTxx31 | [TSOP48]            | (1346)             |
| Cypress | S29JL032HxxTxx32 | [TSOP48]            | (1346)             |
| Cypress | S29JL032HxxTxx41 | [TSOP48]            | (1346)             |
| Cypress | S29JL032HxxTxx42 | [TSOP48]            | (1346)             |
| Cypress | S29JL032JxxBxx31 | [FBGA48]            | (959)              |
| Cypress | S29JL032JxxBxx32 | [FBGA48]            | (959)              |
| Cypress | S29JL032JxxTxx01 | [TSOP48]            | (1346)             |
| Cypress | S29JL032JxxTxx02 | [TSOP48]            | (1346)             |
| Cypress | S29JL032JxxTxx21 | [TSOP48]            | (1346)             |
| Cypress | S29JL032JxxTxx22 | [TSOP48]            | (1346)             |
| Cypress | S29JL032JxxTxx31 | [TSOP48]            | (1346)             |
| Cypress | S29JL032JxxTxx32 | [TSOP48]            | (1346)             |
| Cypress | S29JL032JxxTxx41 | [TSOP48]            | (1346)             |
| Cypress | S29JL032JxxTxx42 | [TSOP48]            | (1346)             |
| Cypress | S29JL064HxxBxx00 | [FBGA63]            | (3081)             |
| Cypress | S29JL064HxxTxx00 | [TSOP48]            | (1346)             |
| Cypress | S29JL064JxxBxx00 | [FBGA48]            | (959)              |
| Cypress | S29JL064JxxTxx00 | [TSOP48]            | (1346)             |
| Cypress | S29PL032JxxBxx12 | [FBGA48]            | (959)              |
| Cypress | S29PL064JxxBxx12 | [FBGA48]            | (959)              |
| Cypress | S29PL127JxxBxx00 | [FBGA80]            | (668)              |
| Cypress | S29PL127JxxBxx01 | [FBGA80]            | (3302)             |
| Cypress | S29PL127JxxBxx02 | [FBGA64]            | (513)              |
| Cypress | S29PL127JxxTxx13 | [TSOP56]            | (1406)             |
| Cypress | S34ML01G100Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34ML01G100Txx00 | [TSOP48]            | (1266) (*1)        |
| Cypress | S34ML01G200Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34ML01G200Gxx00 | [BGA67]             | (3126)             |
| Cypress | S34ML01G200Txx00 | [TSOP48]            | (1266) (*1)        |
| Cypress | S34ML01G200Txx00 | [TSOP48] (LGE-63)   | (1266) (*1)        |
| Cypress | S34ML01G204Txx01 | [TSOP48]            | (1267) (*1)        |
| Cypress | S34ML02G100Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34ML02G100Bxx00 | [BGA63] (BCH8-1)    | (2690) (9999) (*1) |
| Cypress | S34ML02G100Txx00 | [TSOP48]            | (1266) (*1)        |
| Cypress | S34ML02G104Bxx01 | [BGA63]             | (2690) (*1)        |
| Cypress | S34ML02G104Txx01 | [TSOP48]            | (1267) (*1)        |
| Cypress | S34ML02G200Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34ML02G200Bxx00 | [BGA63] (BCH8-1)    | (2690) (9999) (*1) |
| Cypress | S34ML02G200Txx00 | [TSOP48]            | (1266) (*1)        |
| Cypress | S34ML02G204Txx01 | [TSOP48]            | (1267) (*1)        |
| Cypress | S34ML04G100Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34ML04G100Txx00 | [TSOP48]            | (1266) (*1)        |
| Cypress | S34ML04G104Bxx01 | [BGA63]             | (2690) (*1)        |
| Cypress | S34ML04G200Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34ML04G200Txx00 | [TSOP48]            | (1266) (*1)        |
| Cypress | S34ML04G200Txx00 | [TSOP48] (LGE-61)   | (1266) (*1)        |
| Cypress | S34ML04G200Txx00 | [TSOP48] (LGE-68)   | (1266) (*1)        |
| Cypress | S34ML04G204Bxx01 | [BGA63]             | (3121)             |
| Cypress | S34ML04G300Bxx00 | [BGA63]             | (2690) (9999) (*1) |
| Cypress | S34ML04G300Bxx10 | [BGA63]             | (2690) (9999) (*1) |
| Cypress | S34ML04G300Txx00 | [TSOP48]            | (1266) (9999) (*1) |
| Cypress | S34ML04G300Txx10 | [TSOP48]            | (1266) (9999) (*1) |
| Cypress | S34ML08G101Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34ML08G101Txx00 | [TSOP48]            | (1456) (*1)        |
| Cypress | S34ML08G101Txx20 | [TSOP48]            | (1456) (*1)        |
| Cypress | S34ML08G201Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34ML08G201Txx00 | [TSOP48]            | (1456) (*1)        |
| Cypress | S34ML16G202Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34ML16G202Txx20 | [TSOP48]            | (1456) (*1)        |
| Cypress | S34MS01G100Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34MS01G104Bxx01 | [BGA63]             | (2690) (*1)        |
| Cypress | S34MS01G200Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34MS01G200Gxx00 | [BGA67]             | (3126)             |
| Cypress | S34MS01G200Txx00 | [TSOP48]            | (1266) (*1)        |
| Cypress | S34MS01G204Bxx01 | [BGA63]             | (2690) (*1)        |
| Cypress | S34MS01G204Txx01 | [TSOP48]            | (1267) (*1)        |
| Cypress | S34MS02G100Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34MS02G100Txx00 | [TSOP48]            | (1266) (*1)        |
| Cypress | S34MS02G104Bxx01 | [BGA63]             | (2690) (*1)        |
| Cypress | S34MS02G104Bxx01 | [BGA63] (TI-DM37xx) | (2690) (*1)        |
| Cypress | S34MS02G200Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34MS02G200Txx00 | [TSOP48]            | (1266) (*1)        |
| Cypress | S34MS02G200Txx00 | [TSOP48] (XMI-01)   | (1266) (9999) (*1) |
| Cypress | S34MS02G204Bxx01 | [BGA63]             | (2690) (*1)        |
| Cypress | S34MS02G204Txx01 | [TSOP48]            | (1267) (*1)        |
| Cypress | S34MS04G100Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34MS04G100Txx00 | [TSOP48]            | (1266) (*1)        |
| Cypress | S34MS04G200Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34MS04G200Txx00 | [TSOP48]            | (1266) (*1)        |
| Cypress | S34MS04G204Bxx01 | [BGA63]             | (2690) (*1)        |
| Cypress | S34MS04G204Txx01 | [TSOP48]            | (1267) (*1)        |
| Cypress | S34MS08G201Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34MS16G202Bxx00 | [BGA63]             | (2690) (*1)        |
| Cypress | S34SL01G200Bxx00 | [BGA63]             | (2690) (9999) (*1) |
| Cypress | S34SL02G200Bxx00 | [BGA63]             | (2690) (9999) (*1) |
| Cypress | S34SL04G200Bxx00 | [BGA63]             | (2690) (9999) (*1) |
| Cypress | S40410081B1B1x00 | [VFBGA153]          | (3178) (*1)        |

|         |                             |             |
|---------|-----------------------------|-------------|
| Cypress | S40410081B1B2x00 [LBGA100]  | (2431) (*1) |
| Cypress | S40410161B1B1x01 [VFBGA153] | (3178) (*1) |
| Cypress | S40410161B1B2x01 [LBGA100]  | (2431) (*1) |
| Cypress | S6E1A11B0AGN2 [QFN32]       | (3573)      |
| Cypress | S6E1A11B0AGP2 [LQFP32]      | (3615)      |
| Cypress | S6E1A11C0AGF2 [LQFP52]      | (3039)      |
| Cypress | S6E1A11C0AGN2 [QFN48]       | (3049)      |
| Cypress | S6E1A11C0AGV2 [LQFP48]      | (2963)      |
| Cypress | S6E1A12B0AGN2 [QFN32]       | (3573)      |
| Cypress | S6E1A12B0AGP2 [LQFP32]      | (3615)      |
| Cypress | S6E1A12C0AGF2 [LQFP52]      | (3039)      |
| Cypress | S6E1A12C0AGN2 [QFN48]       | (3049)      |
| Cypress | S6E1A12C0AGV2 [LQFP48]      | (2963)      |
| Cypress | S6E1C11B0AGP2 [LQFP32]      | (4169)      |
| Cypress | S6E1C11C0AGN2 [QFN48]       | (4018)      |
| Cypress | S6E1C11D0AGV2 [LQFP64]      | (4170)      |
| Cypress | S6E1C12B0AGP2 [LQFP32]      | (4169)      |
| Cypress | S6E1C12C0AGN2 [QFN48]       | (4018)      |
| Cypress | S6E1C12D0AGV2 [LQFP64]      | (4170)      |
| Cypress | S6E1C31B0AGP2 [LQFP32]      | (4169)      |
| Cypress | S6E1C31C0AGN2 [QFN48]       | (4018)      |
| Cypress | S6E1C31D0AGV2 [LQFP64]      | (4170)      |
| Cypress | S6E1C32B0AGP2 [LQFP32]      | (4169)      |
| Cypress | S6E1C32C0AGN2 [QFN48]       | (4018)      |
| Cypress | S6E1C32D0AGV2 [LQFP64]      | (4170)      |
| Cypress | S6E2C18H0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C18J0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C18J0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C18L0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C19H0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C19J0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C19J0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C19L0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C1AH0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C1AJ0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C1AJ0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C1AL0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C28H0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C28HHAGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C28J0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C28J0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C28JHAGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C28JHAGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C28L0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C28LHAGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C29H0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C29HHAGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C29J0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C29J0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C29JHAGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C29JHAGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C29L0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C29LHAGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C2AH0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C2AHHAGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C2AJ0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C2AJ0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C2AJHAGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C2AJHAGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C2AL0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C2ALHAGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C38H0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C38J0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C38J0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C38L0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C39H0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C39J0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C39J0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C39L0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C3AH0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C3AJ0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C3AJ0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C3AL0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C48H0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C48J0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C48J0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C48L0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C49H0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C49J0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C49J0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C49L0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C4AH0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C4AJ0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C4AJ0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C4AL0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C58H0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C58J0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C58J0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C58L0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C59H0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C59J0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C59J0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C59L0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2C5AH0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2C5AJ0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2C5AJ0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2C5AL0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2CC8H0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2CC8HHAGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2CC8J0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2CC8J0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2CC8JFAGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2CC8JGAGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2CC8JHAGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2CC8JHAGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2CC8L0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2CC8LHAGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2CC9H0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2CC9HHAGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2CC9J0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2CC9J0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2CC9JHAGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2CC9JHAGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2CC9L0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2CC9LHAGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2CCA0H0AGV2 [LQFP144]    | (4302)      |
| Cypress | S6E2CCAHHAGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2CCAJ0AGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2CCAJ0AGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2CCAJFAGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2CCAJGAGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2CCAJGAGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2CCAJHAGB1 [PFBGA192]    | (4444)      |
| Cypress | S6E2CCAJHAGV2 [LQFP176]     | (4345)      |
| Cypress | S6E2CCAL0AGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2CCALHAGL2 [LQFP216]     | (4346)      |
| Cypress | S6E2G26H0AGV2 [LQFP144]     | (4302)      |
| Cypress | S6E2G26HHAGV2 [LQFP144]     | (4302)      |

|                    |                  |                    |              |
|--------------------|------------------|--------------------|--------------|
| Cypress            | S6E2G26J0AGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2G26JHAGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2G28H0AGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2G28HHAGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2G28J0AGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2G28JHAGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2G36H0AGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2G36J0AGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2G38H0AGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2G38J0AGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2GH6H0AGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2GH6J0AGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2GH8H0AGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2GH8J0AGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2GK6H0AGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2GK6HHAGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2GK6J0AGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2GK6JHAGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2GK8H0AGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2GK8HHAGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2GK8J0AGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2GK8JHAGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2GM6H0AGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2GM6HHAGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2GM6J0AGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2GM6JHAGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2GM8H0AGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2GM8HHAGV2    | [LQFP144]          | (4302)       |
| Cypress            | S6E2GM8J0AGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2GM8JHAGV2    | [LQFP176]          | (4345)       |
| Cypress            | S6E2H14E0AGV2    | [LQFP80]           | (4145)       |
| Cypress            | S6E2H14F0AGV2    | [LQFP100]          | (4019)       |
| Cypress            | S6E2H14G0AGB3    | [FBGA121]          | (4146)       |
| Cypress            | S6E2H14G0AGV2    | [LQFP120]          | (3826)       |
| Cypress            | S6E2H16E0AGV2    | [LQFP80]           | (4145)       |
| Cypress            | S6E2H16F0AGV2    | [LQFP100]          | (4019)       |
| Cypress            | S6E2H16G0AGB3    | [FBGA121]          | (4146)       |
| Cypress            | S6E2H16G0AGV2    | [LQFP120]          | (3826)       |
| Cypress            | S6E2H44E0AGV2    | [LQFP80]           | (4145)       |
| Cypress            | S6E2H44F0AGV2    | [LQFP100]          | (4019)       |
| Cypress            | S6E2H44G0AGB3    | [FBGA121]          | (4146)       |
| Cypress            | S6E2H44G0AGV2    | [LQFP120]          | (3826)       |
| Cypress            | S6E2H46E0AGV2    | [LQFP80]           | (4145)       |
| Cypress            | S6E2H46F0AGV2    | [LQFP100]          | (4019)       |
| Cypress            | S6E2H46G0AGB3    | [FBGA121]          | (4146)       |
| Cypress            | S6E2H46G0AGV2    | [LQFP120]          | (3826)       |
| Cypress            | S6E2HE4E0AGV2    | [LQFP80]           | (4145)       |
| Cypress            | S6E2HE4F0AGV2    | [LQFP100]          | (4019)       |
| Cypress            | S6E2HE4G0AGB3    | [FBGA121]          | (4146)       |
| Cypress            | S6E2HE4G0AGV2    | [LQFP120]          | (3826)       |
| Cypress            | S6E2HE6E0AGV2    | [LQFP80]           | (4145)       |
| Cypress            | S6E2HE6F0AGV2    | [LQFP100]          | (4019)       |
| Cypress            | S6E2HE6G0AGB3    | [FBGA121]          | (4146)       |
| Cypress            | S6E2HE6G0AGV2    | [LQFP120]          | (3826)       |
| Cypress            | S6E2HG4E0AGV2    | [LQFP80]           | (4145)       |
| Cypress            | S6E2HG4F0AGV2    | [LQFP100]          | (4019)       |
| Cypress            | S6E2HG4G0AGB3    | [FBGA121]          | (4146)       |
| Cypress            | S6E2HG4G0AGV2    | [LQFP120]          | (3826)       |
| Cypress            | S6E2HG6E0AGV2    | [LQFP80]           | (4145)       |
| Cypress            | S6E2HG6F0AGV2    | [LQFP100]          | (4019)       |
| Cypress            | S6E2HG6G0AGB3    | [FBGA121]          | (4146)       |
| Cypress            | S6E2HG6G0AGV2    | [LQFP120]          | (3826)       |
| Cypress            | S6J334CJExxxx    | [TEQFP176]         | (4987)       |
| Cypress            | S70FL01GSxxBxxC1 | [BGA24]            | (3122)       |
| Cypress            | S70FL01GSxxBxxC1 | [BGA24] (QuadSPI)  | (3122)       |
| Cypress            | S70FL01GSxxMxx01 | [SO16]             | (3100) (*1)  |
| Cypress            | S70FL01GSxxMxx01 | [SO16] (QuadSPI)   | (3100) (*1)  |
| Cypress            | S70FL01GSxxxxx01 | [ISP]              | (138) (9997) |
| Cypress            | S70FS01GSxxBxx21 | [BGA24]            | (3122)       |
| Cypress            | S70FS01GSxxMxx01 | [SO16]             | (3100) (*1)  |
| Cypress            | S70FS01GSxxxxx01 | [ISP]              | (138) (9997) |
| Cypress            | S70GL02GSxxFxx01 | [FBGA64]           | (2599)       |
| Cypress            | S70GL02GSxxFxx02 | [FBGA64]           | (2599)       |
| Cypress            | S70GL02GSxxFxxv1 | [FBGA64]           | (2599)       |
| Cypress            | S70GL02GSxxFxxv2 | [FBGA64]           | (2599)       |
| Cypress            | S70GL02GTxxFHX01 | [FBGA64]           | (2599)       |
| Cypress            | S71KL256SxxBxx00 | [BGA24]            | (4392)       |
| Cypress            | S71KL512SxxBxx00 | [BGA24]            | (4392)       |
| Cypress            | S71KS256SxxBxx00 | [BGA24]            | (4392)       |
| Cypress            | S71KS512SxxBxx00 | [BGA24]            | (4392)       |
| Cypress            | S99FL256SxxMxxG0 | [SOIC16] (QuadSPI) | (3100) (*1)  |
| Cypress            | STK11C68         |                    |              |
| Cypress            | STK11C68         | [SOIC28]           | (53)         |
| Cypress            | STK11C88         |                    |              |
| Cypress            | STK11C88         | [SOIC28-300]       | (51)         |
| Cypress            | STK11C88         | [SOIC28-330]       | (53)         |
| Cypress            | STK11C88-3       |                    |              |
| Cypress            | STK11C88-3       | [SOIC28-300]       | (51)         |
| Cypress            | STK11C88-3       | [SOIC28-330]       | (53)         |
| Cypress            | STK12C68         |                    |              |
| Cypress            | STK12C68         | [SOIC28-350]       | (53)         |
| Cypress            | STK14C88         |                    |              |
| Cypress            | STK14C88         | [LCC32]            | (561)        |
| Cypress            | STK14C88-3       |                    |              |
| Cypress            | STK14C88-3       | [SOIC32]           | (233)        |
| Cypress            | STK14C88-5       |                    |              |
| Cypress            | STK14C88-5       | [LCC32]            | (561)        |
| Cypress            | STK14CA8         | [SOIC32]           | (233)        |
| Cypress            | STK14CA8         | [SSOP48]           | (194)        |
| Cypress            | STK14D88         | [SOIC32]           | (233)        |
| Cypress            | STK14D88         | [SSOP48]           | (194)        |
| Cypress            | STK15C88         |                    |              |
| Cypress            | STK15C88         | [SOIC28-300]       | (51)         |
| Cypress            | STK15C88         | [SOIC28-330]       | (53)         |
| Cypress            | STK16C88         |                    |              |
| Cypress            | STK16C88-3       |                    |              |
| Cypress            | STK17TA8         | [SSOP48]           | (194)        |
| Cypress            | STK22C48         |                    |              |
| Cypress            | STK22C48         | [SOIC28-300]       | (51)         |
| Cypress            | STK22C48         | [SOIC28-330]       | (53)         |
| Cyrod Technologies | CRD89C4051       |                    |              |
| Cyrod Technologies | CRD89C4051       | [SOIC20]           | (119)        |
| Cyrod Technologies | CRD89C51         |                    |              |
| Cyrod Technologies | CRD89C51         | [PLCC44]           | (67)         |
| Cyrod Technologies | CRD89C51         | [QFP44]            | (108)        |
| Cyrod Technologies | CRD89C512RD      |                    |              |
| Cyrod Technologies | CRD89C512RD      | [PLCC44]           | (67)         |
| Cyrod Technologies | CRD89C512RD      | [QFP44]            | (108)        |
| Cyrod Technologies | CRD89C51AA       |                    |              |
| Cyrod Technologies | CRD89C51AA       | [PLCC44]           | (67)         |
| Cyrod Technologies | CRD89C51AA       | [QFP44]            | (108)        |
| Cyrod Technologies | CRD89C51AA1TA    |                    |              |
| Cyrod Technologies | CRD89C51AA1TA    | [LQFP48]           | (174)        |
| Cyrod Technologies | CRD89C51AA1TA    | [PLCC44]           | (67)         |
| Cyrod Technologies | CRD89C51AA1TA    | [QFP44]            | (108)        |
| Cyrod Technologies | CRD89C51AA1TB    |                    |              |
| Cyrod Technologies | CRD89C51AA1TB    | [LQFP48]           | (174)        |
| Cyrod Technologies | CRD89C51AA1TB    | [PLCC44]           | (67)         |

[illegible]

|                    |                        |        |
|--------------------|------------------------|--------|
| Cyrod Technologies | CRD89L51DC1TB [PLCC44] | (67)   |
| Cyrod Technologies | CRD89L51DC1TB [QFP44]  | (108)  |
| Cyrod Technologies | CRD89L51DD1TB          |        |
| Cyrod Technologies | CRD89L51DD1TB [LQFP48] | (174)  |
| Cyrod Technologies | CRD89L51DD1TB [PLCC44] | (67)   |
| Cyrod Technologies | CRD89L51DD1TB [QFP44]  | (108)  |
| Cyrod Technologies | CRD89L51DR1TC          |        |
| Cyrod Technologies | CRD89L51DR1TC [LQFP48] | (174)  |
| Cyrod Technologies | CRD89L51DR1TC [PLCC44] | (67)   |
| Cyrod Technologies | CRD89L51DR1TC [QFP44]  | (108)  |
| Cyrod Technologies | CRD89L51R              |        |
| Cyrod Technologies | CRD89L51R [PLCC44]     | (67)   |
| Cyrod Technologies | CRD89L51R [QFP44]      | (108)  |
| Cyrod Technologies | CRD89L51RA             |        |
| Cyrod Technologies | CRD89L51RA [PLCC44]    | (67)   |
| Cyrod Technologies | CRD89L51RA [QFP44]     | (108)  |
| Cyrod Technologies | CRD89L51RA2            |        |
| Cyrod Technologies | CRD89L51RA2 [PLCC44]   | (67)   |
| Cyrod Technologies | CRD89L51RA2 [PQFP44]   | (108)  |
| Cyrod Technologies | CRD89L51RB             |        |
| Cyrod Technologies | CRD89L51RB [PLCC44]    | (67)   |
| Cyrod Technologies | CRD89L51RB [QFP44]     | (108)  |
| Cyrod Technologies | CRD89L51RB2            |        |
| Cyrod Technologies | CRD89L51RB2 [PLCC44]   | (67)   |
| Cyrod Technologies | CRD89L51RB2 [PQFP44]   | (108)  |
| Cyrod Technologies | CRD89L51RC             |        |
| Cyrod Technologies | CRD89L51RC [PLCC44]    | (67)   |
| Cyrod Technologies | CRD89L51RC [QFP44]     | (108)  |
| Cyrod Technologies | CRD89L51RD             |        |
| Cyrod Technologies | CRD89L51RD [PLCC44]    | (67)   |
| Cyrod Technologies | CRD89L51RD [QFP44]     | (108)  |
| Cyrod Technologies | CRD89L665              |        |
| Cyrod Technologies | CRD89L665 [PLCC44]     | (67)   |
| Cyrod Technologies | CRD89L665 [PQFP44]     | (108)  |
| Cyrod Technologies | CRD89V665              |        |
| Cyrod Technologies | CRD89V665 [PLCC44]     | (67)   |
| Cyrod Technologies | CRD89V665 [PQFP44]     | (108)  |
| Dallas             | DS1077 [SO8]           | (950)  |
| Dallas             | DS1077 [uSOP8]         | (605)  |
| Dallas             | DS1077L [SO8]          | (950)  |
| Dallas             | DS1077L [uSOP8]        | (605)  |
| Dallas             | DS1085 [SO8]           | (950)  |
| Dallas             | DS1085L [SO8]          | (950)  |
| Dallas             | DS1086 [SO8]           | (950)  |
| Dallas             | DS1086 [uSOP8]         | (605)  |
| Dallas             | DS1086L [uSOP8]        | (605)  |
| Dallas             | DS1087L [uSOP8]        | (605)  |
| Dallas             | DS1089L [uSOP8]        | (605)  |
| Dallas             | DS1094L [uSOP8]        | (605)  |
| Dallas             | DS1213B (2Kx8)         |        |
| Dallas             | DS1213B (8Kx8)         |        |
| Dallas             | DS1213C (8Kx8)         |        |
| Dallas             | DS1213C(32Kx8)         |        |
| Dallas             | DS1220AB               |        |
| Dallas             | DS1220AD               |        |
| Dallas             | DS1220Y                |        |
| Dallas             | DS1225AB               |        |
| Dallas             | DS1225AD               |        |
| Dallas             | DS1225Y                |        |
| Dallas             | DS1230AB               |        |
| Dallas             | DS1230W                |        |
| Dallas             | DS1230Y                |        |
| Dallas             | DS1235AB               |        |
| Dallas             | DS1235Y                |        |
| Dallas             | DS1243Y                |        |
| Dallas             | DS1244Y                |        |
| Dallas             | DS1245AB               |        |
| Dallas             | DS1245Y                |        |
| Dallas             | DS1248W                |        |
| Dallas             | DS1248Y                |        |
| Dallas             | DS1249AB               |        |
| Dallas             | DS1249Y                |        |
| Dallas             | DS1250AB               |        |
| Dallas             | DS1250W                |        |
| Dallas             | DS1250Y                |        |
| Dallas             | DS1251W                |        |
| Dallas             | DS1251Y                |        |
| Dallas             | DS1258AB               |        |
| Dallas             | DS1258W                |        |
| Dallas             | DS1258Y                |        |
| Dallas             | DS1265AB               |        |
| Dallas             | DS1265W                |        |
| Dallas             | DS1265Y                |        |
| Dallas             | DS1270AB               |        |
| Dallas             | DS1270W                |        |
| Dallas             | DS1270Y                |        |
| Dallas             | DS1286                 |        |
| Dallas             | DS1287                 |        |
| Dallas             | DS1287A                | (1322) |
| Dallas             | DS12887                |        |
| Dallas             | DS12887A               | (1322) |
| Dallas             | DS12B887               |        |
| Dallas             | DS12C887               |        |
| Dallas             | DS12C887A              | (1322) |
| Dallas             | DS1388-3 (ISP)         | (138)  |
| Dallas             | DS1388-3 [SOIC8]       | (950)  |
| Dallas             | DS1388-33 (ISP)        | (138)  |
| Dallas             | DS1388-33 [SOIC8]      | (950)  |
| Dallas             | DS1388-5 (ISP)         | (138)  |
| Dallas             | DS1388-5 [SOIC8]       | (950)  |
| Dallas             | DS1511W                |        |
| Dallas             | DS1511Y                |        |
| Dallas             | DS1543                 |        |
| Dallas             | DS1543W                |        |
| Dallas             | DS1553                 |        |
| Dallas             | DS1553W                |        |
| Dallas             | DS1554                 |        |
| Dallas             | DS1554W                |        |
| Dallas             | DS1556                 |        |
| Dallas             | DS1556W                |        |
| Dallas             | DS1613C                |        |
| Dallas             | DS1613D                |        |
| Dallas             | DS1620                 |        |
| Dallas             | DS1620 [SOIC8]         | (46)   |
| Dallas             | DS1621                 |        |
| Dallas             | DS1621 (ISP)           | (138)  |
| Dallas             | DS1621 [SO8-150]       | (950)  |
| Dallas             | DS1621 [SO8-200]       | (46)   |
| Dallas             | DS1624                 |        |
| Dallas             | DS1624 (ISP)           | (138)  |
| Dallas             | DS1624 [SOIC8]         | (46)   |
| Dallas             | DS1630AB               |        |
| Dallas             | DS1630Y                |        |
| Dallas             | DS1631                 |        |
| Dallas             | DS1631 (ISP)           | (138)  |
| Dallas             | DS1631 [MSOP8]         | (605)  |
| Dallas             | DS1631 [SO8-150]       | (950)  |
| Dallas             | DS1631 [SO8-200]       | (46)   |

|        |                             |               |
|--------|-----------------------------|---------------|
| Dallas | DS1631A (ISP)               | (138)         |
| Dallas | DS1631A [MSOP8]             | (605)         |
| Dallas | DS1642                      |               |
| Dallas | DS1643                      |               |
| Dallas | DS1644                      |               |
| Dallas | DS1645AB                    |               |
| Dallas | DS1645Y                     |               |
| Dallas | DS1646                      |               |
| Dallas | DS1647                      |               |
| Dallas | DS1650AB                    |               |
| Dallas | DS1650Y                     |               |
| Dallas | DS1658AB                    |               |
| Dallas | DS1658Y                     |               |
| Dallas | DS1687-3                    |               |
| Dallas | DS1687-5                    |               |
| Dallas | DS17287-3                   |               |
| Dallas | DS17287-5                   |               |
| Dallas | DS1730Y                     |               |
| Dallas | DS1731 (ISP)                | (138)         |
| Dallas | DS1731 [MSOP8]              | (605)         |
| Dallas | DS1742                      |               |
| Dallas | DS1742W                     |               |
| Dallas | DS1743                      |               |
| Dallas | DS1743W                     |               |
| Dallas | DS1744                      |               |
| Dallas | DS1744W                     |               |
| Dallas | DS1745Y                     |               |
| Dallas | DS1746                      |               |
| Dallas | DS1747                      |               |
| Dallas | DS1747W                     |               |
| Dallas | DS17487-3                   |               |
| Dallas | DS17487-5                   |               |
| Dallas | DS1750Y                     |               |
| Dallas | DS1758Y                     |               |
| Dallas | DS17887-3                   |               |
| Dallas | DS17887-5                   |               |
| Dallas | DS1820 [PR35]               |               |
| Dallas | DS1820-PAR [TO-92]          |               |
| Dallas | DS1820S [SSOP16]            | (1103)        |
| Dallas | DS1821 (ISP)                | (138)         |
| Dallas | DS1821 [PR35]               |               |
| Dallas | DS1821 [SOIC8]              | (46)          |
| Dallas | DS1822 [SOIC8]              | (950)         |
| Dallas | DS1822 [TO-92]              |               |
| Dallas | DS1822-PAR [TO-92]          |               |
| Dallas | DS1825 (ISP)                | (138)         |
| Dallas | DS1825 [uSOP8]              | (605)         |
| Dallas | DS1845 (ISP)                | (138)         |
| Dallas | DS1845 [TSSOP14]            | (1087)        |
| Dallas | DS1846 (ISP)                | (138)         |
| Dallas | DS1846 [TSSOP20]            | (1089)        |
| Dallas | DS1847 (ISP)                | (138)         |
| Dallas | DS1847 [TSSOP14]            | (1087)        |
| Dallas | DS1848 [TSSOP14]            | (1087)        |
| Dallas | DS1855 (ISP)                | (138)         |
| Dallas | DS1855 [TSSOP14]            | (1087)        |
| Dallas | DS1881 (ISP)                | (138)         |
| Dallas | DS1881 [SO16]               | (44)          |
| Dallas | DS1881 [TSSOP16]            | (1088)        |
| Dallas | DS1882 (ISP)                | (138)         |
| Dallas | DS1882 [SO16]               | (44)          |
| Dallas | DS1882 [TSSOP16]            | (1088)        |
| Dallas | DS18B20 (ISP)               | (138)         |
| Dallas | DS18B20 [SOIC8]             | (950)         |
| Dallas | DS18B20 [SSOP8]             | (605)         |
| Dallas | DS18B20 [TO-92]             |               |
| Dallas | DS18S20 [SOIC8]             | (950)         |
| Dallas | DS18S20 [TO-92]             |               |
| Dallas | DS18S20P [TO-92]            |               |
| Dallas | DS18S20-PAR [TO-92]         |               |
| Dallas | DS1971                      | (455)         |
| Dallas | DS1973                      | (455)         |
| Dallas | DS1982                      | (455)         |
| Dallas | DS1985                      | (455)         |
| Dallas | DS2401 (ISP)                | (138)         |
| Dallas | DS2401 [TO-92]              |               |
| Dallas | DS2430A (ISP)               | (138)         |
| Dallas | DS2430A [TO-92]             |               |
| Dallas | DS2430A [TSOC6]             | (3336)        |
| Dallas | DS2431 (ISP)                | (138)         |
| Dallas | DS2431 [DFN6]               | (1554)        |
| Dallas | DS2431 [TO-92]              |               |
| Dallas | DS2431 [TSOC6]              | (3336)        |
| Dallas | DS2432 [TSOC6]              | (3336)        |
| Dallas | DS2433 (ISP)                | (138)         |
| Dallas | DS2433 [PR-35]              |               |
| Dallas | DS2433 [SOIC8]              | (46)          |
| Dallas | DS2436 (ISP)                | (138)         |
| Dallas | DS2436 [SOIC8]              | (950)         |
| Dallas | DS2436 [TO-92]              |               |
| Dallas | DS2438 (ISP)                | (138)         |
| Dallas | DS2438 [SOIC8]              | (950)         |
| Dallas | DS24833 (ISP)               | (138)         |
| Dallas | DS24833 [SOIC8]             | (46)          |
| Dallas | DS24833 [TO-92]             |               |
| Dallas | DS2502 (ISP)                | (138)         |
| Dallas | DS2502 [SOIC8]              | (950)         |
| Dallas | DS2502 [SOT23-3]            | (1257)        |
| Dallas | DS2502 [TO-92]              |               |
| Dallas | DS2502 [TSOC6]              | (3336)        |
| Dallas | DS2502-E48 [TO-92]          |               |
| Dallas | DS2502-E48 [TSOC6]          | (3336)        |
| Dallas | DS2502-E64 (ISP)            | (138)         |
| Dallas | DS2502-E64 [TO-92]          |               |
| Dallas | DS2502-E64 [TSOC6]          | (3336)        |
| Dallas | DS2505 (ISP)                | (138)         |
| Dallas | DS2505 [TO-92]              |               |
| Dallas | DS2505 [TSOC6]              | (3336)        |
| Dallas | DS2506 (ISP)                | (138)         |
| Dallas | DS2506 [PR-35]              |               |
| Dallas | DS2506 [SOIC8]              | (46)          |
| Dallas | DS2756E [TSSOP8]            | (121)         |
| Dallas | DS2762 [TSSOP16]            | (1088)        |
| Dallas | DS2780E [TSSOP8]            | (121)         |
| Dallas | DS2781E [TSSOP8]            | (121)         |
| Dallas | DS2786 [TDFN10]             | (574)         |
| Dallas | DS2788E [TSSOP14]           | (1087)        |
| Dallas | DS28CN01 [uSOP8]            | (605) (9999)  |
| Dallas | DS28DG02 [TQFN36]           | (1076)        |
| Dallas | DS28DG02 [TSSOP28]          | (172)         |
| Dallas | DS28E01-100 (ISP)           | (138)         |
| Dallas | DS28E01-100 [TDFN6]         | (1554)        |
| Dallas | DS28E01-100 [TO-92]         |               |
| Dallas | DS28E01-100 [TSOC6]         | (3336)        |
| Dallas | DS28E01-100 [TSOC6] (CNS)   | (3336) (9999) |
| Dallas | DS28E01-100 [TSOC6] (HTV-1) | (3336) (9999) |
| Dallas | DS28E02 (ISP)               | (138)         |
| Dallas | DS28E02 [TDFN6]             | (1554)        |

|                  |                                   |               |
|------------------|-----------------------------------|---------------|
| Dallas           | DS28E02 [TSOC6]                   | (3336)        |
| Dallas           | DS28E04-100 (ISP)                 | (138)         |
| Dallas           | DS28E04-100 [SOIC16]              | (44)          |
| Dallas           | DS28E15 [TSOC6]                   | (3336) (9999) |
| Dallas           | DS28EA00 (ISP)                    | (138)         |
| Dallas           | DS28EA00 [uSOP8]                  | (605)         |
| Dallas           | DS28EC20 [TO-92]                  |               |
| Dallas           | DS28EC20 [TSOC6]                  | (3336)        |
| Dallas           | DS32B35 [SO20]                    | (119)         |
| Dallas           | DS32C35 [SO20]                    | (119)         |
| Dallas           | DS3902 [MSOP8]                    | (605)         |
| Dallas           | DS3903 (ISP)                      | (138)         |
| Dallas           | DS3903 [TSSOP20]                  | (1089)        |
| Dallas           | DS3904 (ISP)                      | (138)         |
| Dallas           | DS3904 [MSOP8]                    | (605)         |
| Dallas           | DS3905 (ISP)                      | (138)         |
| Dallas           | DS3905 [MSOP10]                   | (984)         |
| Dallas           | DS3906 [MSOP10]                   | (984)         |
| Dallas           | DS3930 (ISP)                      | (138)         |
| Dallas           | DS3930 [TSSOP20]                  | (1089)        |
| Dallas           | DS4520 [TSSOP16]                  | (1088)        |
| Dallas           | DS4550 [TSSOP20]                  | (1089)        |
| Dallas           | DS87C520                          |               |
| Dallas           | DS87C520 [PLCC44]                 | (67)          |
| Dallas           | DS87C520 [TQFP44]                 | (94)          |
| Dallas           | DS87C530 [PLCC52]                 | (76)          |
| Dallas           | DS87C550 [PLCC68]                 | (147)         |
| Dallas           | DS89C420 rev.Ax                   |               |
| Dallas           | DS89C420 rev.Ax [PLCC44]          | (67)          |
| Dallas           | DS89C420 rev.Ax [TQFP44]          | (94)          |
| Dallas           | DS89C420 rev.B4->                 |               |
| Dallas           | DS89C420 rev.B4-> [PLCC44]        | (67)          |
| Dallas           | DS89C420 rev.B4-> [TQFP44]        | (94)          |
| Dallas           | DS89C430                          |               |
| Dallas           | DS89C430 [PLCC44]                 | (67)          |
| Dallas           | DS89C430 [TQFP44]                 | (94)          |
| Dallas           | DS89C440                          |               |
| Dallas           | DS89C440 [PLCC44]                 | (67)          |
| Dallas           | DS89C440 [TQFP44]                 | (94)          |
| Dallas           | DS89C450                          |               |
| Dallas           | DS89C450 [PLCC44]                 | (67)          |
| Dallas           | DS89C450 [TQFP44]                 | (94)          |
| Deutron Electr.  | AC25LV010 (ISP)                   | (138)         |
| Deutron Electr.  | AC25LV010 [SOIC8]                 | (3095) (*1)   |
| Deutron Electr.  | AC25LV512 (ISP)                   | (138)         |
| Deutron Electr.  | AC25LV512 [SOIC8]                 | (3095) (*1)   |
| Deutron Electr.  | ASU4GA30GT [TSOP48]               | (1266) (*1)   |
| Deutron Electr.  | P439LV010 [PLCC32]                | (1399)        |
| Deutron Electr.  | P439LV010 [TSOP32]                | (1412)        |
| Deutron Electr.  | P439LV040 [PLCC32]                | (1384)        |
| Deutron Electr.  | P439LV040 [TSOP32]                | (1377)        |
| Deutron Electr.  | P439LV088 [TSOP48]                | (1346)        |
| Deutron Electr.  | P439LV800 [TSOP48]                | (1346)        |
| Dosilicon        | DS25Q16M [SOP8-200] (QuadSPI)     | (3087) (*1)   |
| Dosilicon        | DS25Q16M [WSON8 5x6] (QuadSPI)    | (4117) (*1)   |
| Dosilicon        | DS25Q28M [SOP8-200] (QuadSPI)     | (3087) (*1)   |
| Dosilicon        | DS25Q28M [SOP8-200] (QuadSPI)     | (3087) (*1)   |
| Dosilicon        | DS25Q28M [VSOP8-200] (QuadSPI)    | (3087) (*1)   |
| Dosilicon        | DS25Q28M [VSOP8-200] (QuadSPI)    | (3087) (*1)   |
| Dosilicon        | DS25Q28M [WSON8 5x6] (QuadSPI)    | (4117) (*1)   |
| Dosilicon        | DS25Q28M [WSON8 5x6] (QuadSPI)    | (4117) (*1)   |
| Dosilicon        | DS25Q32M [SOP8-200] (QuadSPI)     | (3087) (*1)   |
| Dosilicon        | DS25Q32M [WSON8 5x6] (QuadSPI)    | (4117) (*1)   |
| Dosilicon        | DS25Q4AM [SOP8-200] (QuadSPI)     | (3087) (*1)   |
| Dosilicon        | DS25Q4AM [SOP8-200] (QuadSPI)     | (3087) (*1)   |
| Dosilicon        | DS25Q4AM [VSOP8-200] (QuadSPI)    | (3087) (*1)   |
| Dosilicon        | DS25Q4AM [VSOP8-200] (QuadSPI)    | (3087) (*1)   |
| Dosilicon        | DS25Q4AM [WSON8 5x6] (QuadSPI)    | (4117) (*1)   |
| Dosilicon        | DS25Q4AM [WSON8 5x6] (QuadSPI)    | (4117) (*1)   |
| Dosilicon        | DS25Q64M [SOP8-200] (QuadSPI)     | (3087) (*1)   |
| Dosilicon        | DS25Q64M [SOP8-200] (QuadSPI)     | (3087) (*1)   |
| Dosilicon        | DS25Q64M [VSOP8-200] (QuadSPI)    | (3087) (*1)   |
| Dosilicon        | DS25Q64M [WSON8 5x6] (QuadSPI)    | (4117) (*1)   |
| Dosilicon        | DS25Q64M [WSON8 5x6] (QuadSPI)    | (4117) (*1)   |
| Dosilicon        | DS35M1GA [WSON8]                  | (4971)        |
| Dosilicon        | DS35Q1GA [WSON8]                  | (4914) (*1)   |
| Dosilicon        | DS35Q2GA [WSON8]                  | (4914) (*1)   |
| Dosilicon        | FM25Q64A [TFBGA24]                | (3128)        |
| Dosilicon        | FM25Q64A [TFBGA24] (Quad I/O)     | (3128)        |
| Dosilicon        | FMND1G08S3J [FBGA67]              | (3126)        |
| Dosilicon        | FMND1G08U3D [TSOP48]              | (1266) (*1)   |
| Dosilicon        | FMND1G08U3D [TSOP48] (LGE-69)     | (1266) (*1)   |
| Dosilicon        | FMND1G08U3J [TSOP48]              | (1266) (*1)   |
| Dosilicon        | FMND1G08U3J [TSOP48] (LGE-70)     | (1266) (*1)   |
| Dosilicon        | FMND1G08U3J [TSOP48] (LGE-71)     | (1266) (*1)   |
| Dosilicon        | FMND2G08U3B [TSOP48]              | (1266) (*1)   |
| Dosilicon        | FMND2G08U3D [TSOP48]              | (1266) (*1)   |
| Dosilicon        | FMND2G08U3J [FBGA63] (128B spare) | (2690) (*1)   |
| Dosilicon        | FMND2G08U3J [TSOP48] (128B spare) | (1266) (*1)   |
| Douqi Technology | DQ25Q128AL [VSOP8-200]            | (3087) (*1)   |
| Douqi Technology | DQ25Q128AL [VSOP8-200] (Quad I/O) | (3087) (*1)   |
| Douqi Technology | DQ25Q128AL [WSON8 6x5]            | (4117) (*1)   |
| Douqi Technology | DQ25Q128AL [WSON8 6x5] (Quad I/O) | (4117) (*1)   |
| Douqi Technology | DQ25Q64AS [TFBGA24]               | (3128)        |
| Douqi Technology | DQ25Q64AS [TFBGA24] (Quad I/O)    | (3128)        |
| DSP Group        | DCX78EF0D9AE2B [QFN88]            | (2661)        |
| Echelon          | FT3120-E4 [SOIC32]                | (1438)        |
| Echelon          | FT3120-E4 [TQFP44]                | (94)          |
| Echelon          | PL3120-E4T10 [TSSOP38]            | (829)         |
| E-CMOS           | EC24C02 (ISP)                     | (138)         |
| E-CMOS           | EC24C02 [SOIC8]                   | (950)         |
| E-CMOS           | EC24C02 [TSSOP8]                  | (121)         |
| E-CMOS           | EC24C02A                          |               |
| E-CMOS           | EC24C02A (ISP)                    | (138)         |
| E-CMOS           | EC24C02A [DFN8]                   | (2995)        |
| E-CMOS           | EC24C02A [MSOP8]                  | (605)         |
| E-CMOS           | EC24C02A [SOP8]                   | (950)         |
| E-CMOS           | EC24C02A [SOT23-5]                | (523)         |
| E-CMOS           | EC24C02A [TSSOP8]                 | (121)         |
| E-CMOS           | EC24C02B                          |               |
| E-CMOS           | EC24C02B (ISP)                    | (138)         |
| E-CMOS           | EC24C02B [DFN8]                   | (2995)        |
| E-CMOS           | EC24C02B [SOP8]                   | (950)         |
| E-CMOS           | EC24C02B [TSSOP8]                 | (121)         |
| E-CMOS           | EC24C04 (ISP)                     | (138)         |
| E-CMOS           | EC24C04 [SOIC8]                   | (950)         |
| E-CMOS           | EC24C04 [TSSOP8]                  | (121)         |
| E-CMOS           | EC24C04A                          |               |
| E-CMOS           | EC24C04A (ISP)                    | (138)         |
| E-CMOS           | EC24C04A [DFN8]                   | (2995)        |
| E-CMOS           | EC24C04A [MSOP8]                  | (605)         |
| E-CMOS           | EC24C04A [SOP8]                   | (950)         |
| E-CMOS           | EC24C04A [SOT23-5]                | (523)         |
| E-CMOS           | EC24C04A [TSSOP8]                 | (121)         |
| E-CMOS           | EC24C08 (ISP)                     | (138)         |
| E-CMOS           | EC24C08 [SOIC8]                   | (950)         |
| E-CMOS           | EC24C08 [TSSOP8]                  | (121)         |

|        |                         |             |
|--------|-------------------------|-------------|
| E-CMOS | EC24C08A                |             |
| E-CMOS | EC24C08A (ISP)          | (138)       |
| E-CMOS | EC24C08A [DFN8]         | (2995)      |
| E-CMOS | EC24C08A [MSOP8]        | (605)       |
| E-CMOS | EC24C08A [SOP8]         | (950)       |
| E-CMOS | EC24C08A [SOT23-5]      | (523)       |
| E-CMOS | EC24C08A [TSSOP8]       | (121)       |
| E-CMOS | EC24C1024A (ISP)        | (138)       |
| E-CMOS | EC24C1024A [SOP8]       | (950)       |
| E-CMOS | EC24C1024A [TSSOP8]     | (121)       |
| E-CMOS | EC24C128 (ISP)          | (138)       |
| E-CMOS | EC24C128 [SOIC8]        | (950)       |
| E-CMOS | EC24C128 [TSSOP8]       | (121)       |
| E-CMOS | EC24C128A               |             |
| E-CMOS | EC24C128A (ISP)         | (138)       |
| E-CMOS | EC24C128A [MSOP8]       | (605)       |
| E-CMOS | EC24C128A [SOP8]        | (950)       |
| E-CMOS | EC24C128A [TSSOP8]      | (121)       |
| E-CMOS | EC24C128B (ISP)         | (138)       |
| E-CMOS | EC24C128B [DFN8]        | (4538)      |
| E-CMOS | EC24C128B [MSOP8]       | (605)       |
| E-CMOS | EC24C128B [SOP8]        | (950)       |
| E-CMOS | EC24C128B [TSSOP8]      | (121)       |
| E-CMOS | EC24C16 (ISP)           | (138)       |
| E-CMOS | EC24C16 [SOIC8]         | (950)       |
| E-CMOS | EC24C16 [TSSOP8]        | (121)       |
| E-CMOS | EC24C16A                |             |
| E-CMOS | EC24C16A (ISP)          | (138)       |
| E-CMOS | EC24C16A [DFN8]         | (2995)      |
| E-CMOS | EC24C16A [MSOP8]        | (605)       |
| E-CMOS | EC24C16A [SOP8]         | (950)       |
| E-CMOS | EC24C16A [TSSOP8]       | (121)       |
| E-CMOS | EC24C256A               |             |
| E-CMOS | EC24C256A (ISP)         | (138)       |
| E-CMOS | EC24C256A [MSOP8]       | (605)       |
| E-CMOS | EC24C256A [SOP8]        | (950)       |
| E-CMOS | EC24C256A [TSSOP8]      | (121)       |
| E-CMOS | EC24C32 (ISP)           | (138)       |
| E-CMOS | EC24C32 [SOIC8]         | (950)       |
| E-CMOS | EC24C32 [TSSOP8]        | (121)       |
| E-CMOS | EC24C32A                |             |
| E-CMOS | EC24C32A (ISP)          | (138)       |
| E-CMOS | EC24C32A [DFN8]         | (2995)      |
| E-CMOS | EC24C32A [MSOP8]        | (605)       |
| E-CMOS | EC24C32A [SOP8]         | (950)       |
| E-CMOS | EC24C32A [TSSOP8]       | (121)       |
| E-CMOS | EC24C512A               |             |
| E-CMOS | EC24C512A (ISP)         | (138)       |
| E-CMOS | EC24C512A [SOP8]        | (950)       |
| E-CMOS | EC24C512A [TSSOP8]      | (121)       |
| E-CMOS | EC24C512B (ISP)         | (138)       |
| E-CMOS | EC24C512B [MSOP8]       | (605)       |
| E-CMOS | EC24C512C (ISP)         | (138)       |
| E-CMOS | EC24C512C [DFN8]        | (4538)      |
| E-CMOS | EC24C512C [SOP8]        | (950)       |
| E-CMOS | EC24C512C [TSSOP8]      | (121)       |
| E-CMOS | EC24C64 (ISP)           | (138)       |
| E-CMOS | EC24C64 [SOIC8]         | (950)       |
| E-CMOS | EC24C64 [TSSOP8]        | (121)       |
| E-CMOS | EC24C64A                |             |
| E-CMOS | EC24C64A (ISP)          | (138)       |
| E-CMOS | EC24C64A [DFN8]         | (2995)      |
| E-CMOS | EC24C64A [MSOP8]        | (605)       |
| E-CMOS | EC24C64A [SOP8]         | (950)       |
| E-CMOS | EC24C64A [TSSOP8]       | (121)       |
| E-CMOS | EC24C64B (ISP)          | (138)       |
| E-CMOS | EC24C64B [TDFN8]        | (2995)      |
| E-CMOS | EC24C64C (ISP)          | (138)       |
| E-CMOS | EC24C64C [DFN8]         | (4538)      |
| E-CMOS | EC24C64C [MSOP8]        | (605)       |
| E-CMOS | EC24C64C [SOP8]         | (950)       |
| E-CMOS | EC24C64C [TSSOP8]       | (121)       |
| E-CMOS | EC25C256 (ISP)          | (138)       |
| E-CMOS | EC25C256 [SOIC8]        | (950)       |
| E-CMOS | EC25C256 [TSSOP8]       | (121)       |
| E-CMOS | EC25C256 [UDFN8-2x3]    | (4538)      |
| E-CMOS | EC25C32 (ISP)           | (138)       |
| E-CMOS | EC25C32 [DFN8-2x3]      | (4538)      |
| E-CMOS | EC25C32 [SOP8]          | (950)       |
| E-CMOS | EC25C32 [TSSOP8]        | (121)       |
| E-CMOS | EC25C64 (ISP)           | (138)       |
| E-CMOS | EC25C64 [DFN8-2x3]      | (4538)      |
| E-CMOS | EC25C64 [SOP8]          | (950)       |
| E-CMOS | EC25C64 [TSSOP8]        | (121)       |
| E-CMOS | EC93C46 (x16) (ISP)     | (138)       |
| E-CMOS | EC93C46 (x8) (ISP)      | (138)       |
| E-CMOS | EC93C46A (x16)          |             |
| E-CMOS | EC93C46A (x16) [DFN8]   | (2995)      |
| E-CMOS | EC93C46A (x16) [MSOP8]  | (605)       |
| E-CMOS | EC93C46A (x16) [SOP8]   | (950)       |
| E-CMOS | EC93C46A (x16) [TSSOP8] | (121)       |
| E-CMOS | EC93C46A (x8)           |             |
| E-CMOS | EC93C46A (x8) [DFN8]    | (2995)      |
| E-CMOS | EC93C46A (x8) [MSOP8]   | (605)       |
| E-CMOS | EC93C46A (x8) [SOP8]    | (950)       |
| E-CMOS | EC93C46A (x8) [TSSOP8]  | (121)       |
| E-CMOS | EC93C46B (x16) [SOP8]   | (950)       |
| E-CMOS | EC93C46B (x8) [SOP8]    | (950)       |
| E-CMOS | EC93C56 (x16) (ISP)     | (138)       |
| E-CMOS | EC93C56 (x8) (ISP)      | (138)       |
| E-CMOS | EC93C56A (x16)          |             |
| E-CMOS | EC93C56A (x16) [DFN8]   | (2995)      |
| E-CMOS | EC93C56A (x16) [MSOP8]  | (605)       |
| E-CMOS | EC93C56A (x16) [SOP8]   | (950)       |
| E-CMOS | EC93C56A (x16) [TSSOP8] | (121)       |
| E-CMOS | EC93C56A (x8)           |             |
| E-CMOS | EC93C56A (x8) [DFN8]    | (2995)      |
| E-CMOS | EC93C56A (x8) [MSOP8]   | (605)       |
| E-CMOS | EC93C56A (x8) [SOP8]    | (950)       |
| E-CMOS | EC93C56A (x8) [TSSOP8]  | (121)       |
| E-CMOS | EC93C56B (x16) [SOP8]   | (950)       |
| E-CMOS | EC93C56B (x8) [SOP8]    | (950)       |
| E-CMOS | EC93C66A (x16)          |             |
| E-CMOS | EC93C66A (x16) (ISP)    | (138)       |
| E-CMOS | EC93C66A (x16) [DFN8]   | (2995)      |
| E-CMOS | EC93C66A (x16) [MSOP8]  | (605)       |
| E-CMOS | EC93C66A (x16) [SOP8]   | (950)       |
| E-CMOS | EC93C66A (x16) [TSSOP8] | (121)       |
| E-CMOS | EC93C66A (x8)           |             |
| E-CMOS | EC93C66A (x8) (ISP)     | (138)       |
| E-CMOS | EC93C66A (x8) [DFN8]    | (2995)      |
| E-CMOS | EC93C66A (x8) [MSOP8]   | (605)       |
| E-CMOS | EC93C66A (x8) [SOP8]    | (950)       |
| E-CMOS | EC93C66A (x8) [TSSOP8]  | (121)       |
| E-CMOS | ECT25S16A (ISP)         | (138)       |
| E-CMOS | ECT25S16A [SOP8-150]    | (3094) (*1) |
| E-CMOS | ECT25S16A [SOP8-208]    | (3087) (*1) |
| E-CMOS | ECT25S32A (ISP)         | (138)       |



|                    |               |             |               |
|--------------------|---------------|-------------|---------------|
| E-CMOS             | ECT25S32A     | [SOP8-208]  | (3087) (*1)   |
| E-CMOS             | ECT25S32A     | [USON8 4x3] | (2430)        |
| E-CMOS             | ECT25S40A     | (ISP)       | (138)         |
| E-CMOS             | ECT25S40A     | [SOP8-150]  | (3094) (*1)   |
| E-CMOS             | ECT25S40A     | [SOP8-208]  | (3087) (*1)   |
| E-CMOS             | ECT25S80A     | (ISP)       | (138)         |
| E-CMOS             | ECT25S80A     | [SOP8-150]  | (3094) (*1)   |
| E-CMOS             | ECT25S80A     | [SOP8-208]  | (3087) (*1)   |
| EFST               | F29L064BGA    | [TSOP48]    | (1346)        |
| EFST               | F29L064UGA    | [TSOP48]    | (1346)        |
| EFST               | F49B002UA     |             |               |
| EFST               | F49B002UA     | [PLCC32]    | (1399)        |
| EFST               | F49L004BA     | [PLCC32]    | (1384)        |
| EFST               | F49L004BA     | [TSOP40]    | (1368)        |
| EFST               | F49L004UA     | [PLCC32]    | (1384)        |
| EFST               | F49L004UA     | [TSOP40]    | (1368)        |
| EFST               | F49L040A      | [PLCC32]    | (1384)        |
| EFST               | F49L040A      | [TSOP32]    | (1377)        |
| EFST               | F49L160BA     | [TSOP48]    | (1346)        |
| EFST               | F49L160UA     | [TSOP48]    | (1346)        |
| EFST               | F49L320BA     | [TSOP48]    | (1346)        |
| EFST               | F49L320UA     | [TSOP48]    | (1346)        |
| EFST               | F49L400BA     | [TSOP48]    | (1346)        |
| EFST               | F49L400UA     | [TSOP48]    | (1346)        |
| EFST               | F49L800BA     | [TSOP48]    | (1346)        |
| EFST               | F49L800UA     | [TSOP48]    | (1346)        |
| EFST               | FM91L01604BA  | [BGA56]     | (570)         |
| EFST               | FM91L01604UA  | [BGA56]     | (570)         |
| EFST               | FM91L01608BA  | [BGA56]     | (570)         |
| EFST               | FM91L01608UA  | [BGA56]     | (570)         |
| EFST               | FM91L03204BA  | [BGA56]     | (570)         |
| EFST               | FM91L03204BIA | [BGA56]     | (570)         |
| EFST               | FM91L03204UA  | [BGA56]     | (570)         |
| EFST               | FM91L03204UIA | [BGA56]     | (570)         |
| EFST               | FM91L03208BA  | [BGA56]     | (570)         |
| EFST               | FM91L03208BIA | [BGA56]     | (570)         |
| EFST               | FM91L03208UA  | [BGA56]     | (570)         |
| EFST               | FM91L03208UIA | [BGA56]     | (570)         |
| ELAN Microelectr.  | EM25LV010     | (ISP)       | (138)         |
| ELAN Microelectr.  | EM25LV010     | [S08]       | (3095) (*1)   |
| ELAN Microelectr.  | EM25LV512     | (ISP)       | (138)         |
| ELAN Microelectr.  | EM25LV512     | [S08]       | (3095) (*1)   |
| ELAN Microelectr.  | EM39LV010     | [PLCC32]    | (1399)        |
| ELAN Microelectr.  | EM39LV010     | [TSOP32]    | (1412)        |
| ELAN Microelectr.  | EM39LV040     | [PLCC32]    | (1384)        |
| ELAN Microelectr.  | EM39LV040     | [TSOP32]    | (1377)        |
| ELAN Microelectr.  | EM39LV080     | [TSOP40]    | (1368)        |
| ELAN Microelectr.  | EM39LV088     | [TSOP48]    | (1346)        |
| ELAN Microelectr.  | EM39LV800     | [TSOP48]    | (1346)        |
| ELAN Microelectr.  | EM55M450AP    |             |               |
| ELAN Microelectr.  | EM58P300      |             |               |
| ELAN Microelectr.  | EM58P300      | (ISP)       | (138)         |
| ELAN Microelectr.  | EM78P153E     | (ISP)       | (138)         |
| ELAN Microelectr.  | EM78P153EN    | [SOP14]     | (951)         |
| ELAN Microelectr.  | EM78P153EP    |             |               |
| ELAN Microelectr.  | EM78P153S     | (ISP)       | (138)         |
| ELAN Microelectr.  | EM78P153SN    | [SOP14]     | (951)         |
| ELAN Microelectr.  | EM78P153SP    |             |               |
| ELAN Microelectr.  | EM78P156EL    | (ISP)       | (138)         |
| ELAN Microelectr.  | EM78P156ELM   | [SOP18]     | (1061)        |
| ELAN Microelectr.  | EM78P156ELP   |             |               |
| ELAN Microelectr.  | EM78P257B     | (ISP)       | (138)         |
| ELAN Microelectr.  | EM78P257BM    | [SOP20]     | (119)         |
| ELAN Microelectr.  | EM78P257BP    |             |               |
| ELAN Microelectr.  | EM78P447SA    | (ISP)       | (138)         |
| ELAN Microelectr.  | EM78P447SAM   | [SOP28]     | (51)          |
| ELAN Microelectr.  | EM78P447SAP   |             |               |
| ELAN Microelectr.  | EM78P447SB    | (ISP)       | (138)         |
| ELAN Microelectr.  | EM78P447SBP   |             |               |
| ELAN Microelectr.  | EM78P447SBWM  | [SOP32]     | (98)          |
| ELAN Microelectr.  | EM78P451P     |             |               |
| ELAN Microelectr.  | EM78P451WM    | [SOP40]     | (98)          |
| ELAN Microelectr.  | EM78P458A     | (ISP)       | (138)         |
| ELAN Microelectr.  | EM78P458AM    | [SOP20]     | (119)         |
| ELAN Microelectr.  | EM78P458AP    |             |               |
| ELAN Microelectr.  | EM78P468NCQ   | (ISP)       | (138)         |
| ELAN Microelectr.  | EM78P468NCQ   | [QFP44]     | (108)         |
| Electronic Arrays  | EA2716        |             |               |
| EliteMT            | F29L064BGA    | [TSOP48]    | (1346)        |
| EliteMT            | F29L064UGA    | [TSOP48]    | (1346)        |
| EliteMT            | F49B002UA     |             |               |
| EliteMT            | F49B002UA     | [PLCC32]    | (1399)        |
| EliteMT            | F49L004BA     | [PLCC32]    | (1384)        |
| EliteMT            | F49L004BA     | [TSOP40]    | (1368)        |
| EliteMT            | F49L004UA     | [PLCC32]    | (1384)        |
| EliteMT            | F49L004UA     | [TSOP40]    | (1368)        |
| EliteMT            | F49L040A      | [PLCC32]    | (1384)        |
| EliteMT            | F49L040A      | [TSOP32]    | (1377)        |
| EliteMT            | F49L160BA     | [TSOP48]    | (1346)        |
| EliteMT            | F49L160UA     | [TSOP48]    | (1346)        |
| EliteMT            | F49L320BA     | [TSOP48]    | (1346)        |
| EliteMT            | F49L320UA     | [TSOP48]    | (1346)        |
| EliteMT            | F49L400BA     | [TSOP48]    | (1346)        |
| EliteMT            | F49L400UA     | [TSOP48]    | (1346)        |
| EliteMT            | F49L800BA     | [TSOP48]    | (1346)        |
| EliteMT            | F49L800UA     | [TSOP48]    | (1346)        |
| EliteMT            | FM91D06432BNA | [BGA56]     | (570)         |
| EliteMT            | FM91D06432UNA | [BGA56]     | (570)         |
| EliteMT            | FM91L01604BA  | [BGA56]     | (570)         |
| EliteMT            | FM91L01604UA  | [BGA56]     | (570)         |
| EliteMT            | FM91L01608BA  | [BGA56]     | (570)         |
| EliteMT            | FM91L01608UA  | [BGA56]     | (570)         |
| EliteMT            | FM91L03204BA  | [BGA56]     | (570)         |
| EliteMT            | FM91L03204BIA | [BGA56]     | (570)         |
| EliteMT            | FM91L03204UA  | [BGA56]     | (570)         |
| EliteMT            | FM91L03204UIA | [BGA56]     | (570)         |
| EliteMT            | FM91L03208BA  | [BGA56]     | (570)         |
| EliteMT            | FM91L03208BIA | [BGA56]     | (570)         |
| EliteMT            | FM91L03208UA  | [BGA56]     | (570)         |
| EliteMT            | FM91L03208UIA | [BGA56]     | (570)         |
| Elmos              | E520.24       | (ISP-JTAG)  | (138) (9999)  |
| Elmos              | E520.24       | [SO16N]     | (3676) (9999) |
| Elmos              | E524.14       | (ISP)       | (138) (9999)  |
| Elmos              | E524.14       | [QFN20]     | (3261) (9999) |
| Elmos              | E909.05       | [QFN32]     | (1558)        |
| Elmos              | E909.06(V1)   | [QFN32]     | (3086)        |
| Elmos              | E909.06(V2)   | [QFN32]     | (3086)        |
| Elmos              | E909.06(V3)   | [QFN32]     | (3086)        |
| Elmos              | E909.06(V4)   | [QFN32]     | (3086)        |
| Elmos              | E909.06A(V1)  | [QFN32]     | (3086) (9999) |
| Elmos              | E909.06A(V2)  | [QFN32]     | (3086) (9999) |
| Elmos              | E909.06A(V3)  | [QFN32]     | (3086) (9999) |
| Elmos              | E909.06A(V4)  | [QFN32]     | (3086) (9999) |
| Elpida             | EHD013111MA   | [FBGA107]   | (1208)        |
| EM Microelectronic | EM4176        |             |               |
| EM Microelectronic | EM4176        | (ISP)       | (138)         |
| EM Microelectronic | EM4176        | [MLF32]     | (1216)        |
| EM Microelectronic | EM4275        |             |               |

|                    |                                  |               |
|--------------------|----------------------------------|---------------|
| EM Microelectronic | EM4275 (ISP)                     | (138)         |
| EM Microelectronic | EM4275 [TSSOP20]                 | (1089)        |
| EM Microelectronic | EM4275 [TSSOP28]                 | (172)         |
| EM Microelectronic | EM4276                           | (9999)        |
| EM Microelectronic | EM4276 (ISP)                     | (138) (9997)  |
| EM Microelectronic | EM4276 [MLF32]                   | (1216) (9999) |
| EM Microelectronic | EM4376                           | (9999)        |
| EM Microelectronic | EM4376 (ISP)                     | (138) (9997)  |
| EM Microelectronic | EM4376 [MLF32]                   | (1216) (9999) |
| EM Microelectronic | EM4376-4k (ISP)                  | (138) (9997)  |
| EM Microelectronic | EM4376-4k [MLF32]                | (1216) (9999) |
| EM Microelectronic | EM4376-8k (ISP)                  | (138) (9997)  |
| EM Microelectronic | EM4376-8k [MLF32]                | (1216) (9999) |
| EM Microelectronic | EM4377-16k (ISP)                 | (138)         |
| EM Microelectronic | EM4377-16k [MLF32]               | (2748) (9999) |
| EM Microelectronic | EM4377-8k (ISP)                  | (138)         |
| EM Microelectronic | EM4377-8k [MLF32]                | (2748) (9999) |
| EM Microelectronic | EM6503                           |               |
| EM Microelectronic | EM6503 (ISP)                     | (138)         |
| EM Microelectronic | EM6503 [SOIC24]                  | (1062)        |
| EM Microelectronic | EM6503 [TSSOP24]                 | (1090)        |
| EM Microelectronic | EM6504                           |               |
| EM Microelectronic | EM6504 (ISP)                     | (138)         |
| EM Microelectronic | EM6504 [SOIC24]                  | (1062)        |
| EM Microelectronic | EM6504 [TSSOP24]                 | (1090)        |
| EM Microelectronic | EM6505                           |               |
| EM Microelectronic | EM6505 (ISP)                     | (138)         |
| EM Microelectronic | EM6505 [SOIC24]                  | (1062)        |
| EM Microelectronic | EM6505 [TSSOP24]                 | (1090)        |
| EM Microelectronic | EM6517                           |               |
| EM Microelectronic | EM6517 (ISP)                     | (138)         |
| EM Microelectronic | EM6517 [SOIC28]                  | (51)          |
| EM Microelectronic | EM6520 (ISP)                     | (138)         |
| EM Microelectronic | EM6520 [TQFP44]                  | (94)          |
| EM Microelectronic | EM6521 (ISP)                     | (138)         |
| EM Microelectronic | EM6521 [TQFP52]                  | (498)         |
| EM Microelectronic | EM6522 (ISP)                     | (138)         |
| EM Microelectronic | EM6522 [TQFP64]                  | (499)         |
| EM Microelectronic | EM6540 (ISP)                     | (138)         |
| EM Microelectronic | EM6540 [SOIC18]                  | (1061)        |
| EM Microelectronic | EM6812 2k                        |               |
| EM Microelectronic | EM6812 2k (ISP)                  | (138)         |
| EM Microelectronic | EM6812 2k [SOIC24]               | (1062)        |
| EM Microelectronic | EM6812 2k [TSSOP24]              | (1090)        |
| EM Microelectronic | EM6812 4k                        |               |
| EM Microelectronic | EM6812 4k (ISP)                  | (138)         |
| EM Microelectronic | EM6812 4k [SOIC24]               | (1062)        |
| EM Microelectronic | EM6812 4k [TSSOP24]              | (1090)        |
| EM Microelectronic | EM6812 8k                        |               |
| EM Microelectronic | EM6812 8k (ISP)                  | (138)         |
| EM Microelectronic | EM6812 8k [SOIC24]               | (1062)        |
| EM Microelectronic | EM6812 8k [TSSOP24]              | (1090)        |
| EM Microelectronic | EM6819 no DCDC rev<C (ISP)       | (138) (9997)  |
| EM Microelectronic | EM6819 no DCDC rev<C [TSSOP20]   | (1162) (9999) |
| EM Microelectronic | EM6819 no DCDC rev<C [TSSOP28]   | (1160) (9999) |
| EM Microelectronic | EM6819 with DCDC rev<C (ISP)     | (138) (9997)  |
| EM Microelectronic | EM6819 with DCDC rev<C [QFN20]   | (1159) (9999) |
| EM Microelectronic | EM6819 with DCDC rev<C [QFN24]   | (1158) (9999) |
| EM Microelectronic | EM6819 with DCDC rev<C [QFN32]   | (1157) (9999) |
| EM Microelectronic | EM6819 with DCDC rev<C [TSSOP16] | (1164) (9999) |
| EM Microelectronic | EM6819 with DCDC rev<C [TSSOP20] | (1163) (9999) |
| EM Microelectronic | EM6819 with DCDC rev<C [TSSOP28] | (1161) (9999) |
| EM Microelectronic | EM6819F2-A000 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F2-A000 [QFN20]            | (1159) (9999) |
| EM Microelectronic | EM6819F2-A000 [TSSOP20]          | (1163) (9999) |
| EM Microelectronic | EM6819F2-A000 [TSSOP28]          | (1161) (9999) |
| EM Microelectronic | EM6819F2-B000 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F2-B000 [QFN20]            | (1235) (9999) |
| EM Microelectronic | EM6819F2-B000 [TSSOP16]          | (1236) (9999) |
| EM Microelectronic | EM6819F2-B000 [TSSOP20]          | (1162) (9999) |
| EM Microelectronic | EM6819F2-B000 [TSSOP28]          | (1160) (9999) |
| EM Microelectronic | EM6819F2-B006 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F2-B006 [SOIC8]            | (1234) (9999) |
| EM Microelectronic | EM6819F2-B006 [TSSOP16]          | (1236) (9999) |
| EM Microelectronic | EM6819F2-B300 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F2-B300 [TSSOP20]          | (1162) (9999) |
| EM Microelectronic | EM6819F2-B300 [TSSOP28]          | (1160) (9999) |
| EM Microelectronic | EM6819F4-A000 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F4-A000 [QFN20]            | (1159) (9999) |
| EM Microelectronic | EM6819F4-A000 [QFN32]            | (1157) (9999) |
| EM Microelectronic | EM6819F4-A000 [TSSOP20]          | (1163) (9999) |
| EM Microelectronic | EM6819F4-A000 [TSSOP28]          | (1161) (9999) |
| EM Microelectronic | EM6819F4-A005 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F4-A005 [QFN20]            | (1159) (9999) |
| EM Microelectronic | EM6819F4-A005 [TSSOP16]          | (1164) (9999) |
| EM Microelectronic | EM6819F4-A005 [TSSOP20]          | (1163) (9999) |
| EM Microelectronic | EM6819F4-B000 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F4-B000 [TSSOP16]          | (1236) (9999) |
| EM Microelectronic | EM6819F4-B000 [TSSOP20]          | (1162) (9999) |
| EM Microelectronic | EM6819F4-B000 [TSSOP28]          | (1160) (9999) |
| EM Microelectronic | EM6819F4-B005 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F4-B005 [SOIC8]            | (1234) (9999) |
| EM Microelectronic | EM6819F4-B005 [TSSOP16]          | (1236) (9999) |
| EM Microelectronic | EM6819F4-B100 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F4-B100 [QFN20]            | (1235) (9999) |
| EM Microelectronic | EM6819F4-B100 [TSSOP16]          | (1236) (9999) |
| EM Microelectronic | EM6819F4-B100 [TSSOP20]          | (1162) (9999) |
| EM Microelectronic | EM6819F4-B100 [TSSOP28]          | (1160) (9999) |
| EM Microelectronic | EM6819F4-B300 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F4-B300 [TSSOP20]          | (1162) (9999) |
| EM Microelectronic | EM6819F4-B300 [TSSOP28]          | (1160) (9999) |
| EM Microelectronic | EM6819F6-A000 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F6-A000 [QFN20]            | (1159) (9999) |
| EM Microelectronic | EM6819F6-A000 [QFN32]            | (1157) (9999) |
| EM Microelectronic | EM6819F6-A000 [TSSOP20]          | (1163) (9999) |
| EM Microelectronic | EM6819F6-A000 [TSSOP28]          | (1161) (9999) |
| EM Microelectronic | EM6819F6-A100 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F6-A100 [QFN20]            | (1159) (9999) |
| EM Microelectronic | EM6819F6-A100 [QFN32]            | (1157) (9999) |
| EM Microelectronic | EM6819F6-A100 [TSSOP20]          | (1163) (9999) |
| EM Microelectronic | EM6819F6-A100 [TSSOP28]          | (1161) (9999) |
| EM Microelectronic | EM6819F6-B004 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F6-B004 [SOIC8]            | (1234) (9999) |
| EM Microelectronic | EM6819F6-B004 [TSSOP16]          | (1236) (9999) |
| EM Microelectronic | EM6819F6-B004 [TSSOP20]          | (1162) (9999) |
| EM Microelectronic | EM6819F6-B004 [TSSOP28]          | (1160) (9999) |
| EM Microelectronic | EM6819F6-B100 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F6-B100 [TSSOP16]          | (1236) (9999) |
| EM Microelectronic | EM6819F6-B100 [TSSOP20]          | (1162) (9999) |
| EM Microelectronic | EM6819F6-B100 [TSSOP28]          | (1160) (9999) |
| EM Microelectronic | EM6819F6-B300 (ISP)              | (138) (9997)  |
| EM Microelectronic | EM6819F6-B300 [TSSOP20]          | (1162) (9999) |
| EM Microelectronic | EM6819F6-B300 [TSSOP28]          | (1160) (9999) |
| EM Microelectronic | EM6869                           |               |
| EM Microelectronic | EM6869 (ISP)                     | (138)         |
| EM Microelectronic | EM6869 [MLF32]                   | (1216)        |
| EM Microelectronic | EM9550                           |               |
| EM Microelectronic | EM9550 (ISP)                     | (138)         |

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|--------------------|------------------------|---------------|
| EM Microelectronic | EM9551                 |               |
| EM Microelectronic | EM9551 (ISP)           | (138)         |
| EM Microelectronic | EM9553                 |               |
| EM Microelectronic | EM9553 (ISP)           | (138)         |
| Ember              | EM250 [QFN48]          | (1218)        |
| Ember              | EM260 [QFN40]          | (1248)        |
| Ember              | EM341 [QFN48]          | (4023) (9999) |
| Ember              | EM342 [QFN48]          | (4023) (9999) |
| Ember              | EM346 [QFN48]          | (4023) (9999) |
| Ember              | EM351 [QFN48]          | (4023) (9999) |
| Ember              | EM357 [QFN48]          | (4023) (9999) |
| Ember              | EM3581 [QFN48]         | (4023) (9999) |
| Ember              | EM3582 [QFN48]         | (4023) (9999) |
| Ember              | EM3585 [QFN48]         | (4023) (9999) |
| Ember              | EM3586 [QFN48]         | (4023) (9999) |
| Ember              | EM3587 [QFN48]         | (4023) (9999) |
| Ember              | EM3588 [QFN48]         | (4023) (9999) |
| Ember              | EM3591 [QFN56]         | (4040) (9999) |
| Ember              | EM3592 [QFN56]         | (4040) (9999) |
| Ember              | EM3595 [QFN56]         | (4040) (9999) |
| Ember              | EM3596 [QFN56]         | (4040) (9999) |
| Ember              | EM3597 [QFN56]         | (4040) (9999) |
| Ember              | EM3598 [QFN56]         | (4040) (9999) |
| EMC                | EM39LV010 [PLCC32]     | (1399)        |
| EMC                | EM39LV010 [TSOP32]     | (1412)        |
| EMC                | EM39LV040 [PLCC32]     | (1384)        |
| EMC                | EM39LV040 [TSOP32]     | (1377)        |
| EMC                | EM39LV080 [TSOP40]     | (1368)        |
| EMC                | EM39LV088 [TSOP48]     | (1346)        |
| EMC                | EM39LV800 [TSOP48]     | (1346)        |
| EMTC               | eM29SF002AB            |               |
| EMTC               | eM29SF002AB [PLCC32]   | (1399)        |
| EMTC               | eM29SF002AB [TSOP32]   | (1414)        |
| EMTC               | eM29SF002AT            |               |
| EMTC               | eM29SF002AT [PLCC32]   | (1399)        |
| EMTC               | eM29SF002AT [TSOP32]   | (1414)        |
| EMTC               | eM29SF002NAB           |               |
| EMTC               | eM29SF002NAB [PLCC32]  | (1399)        |
| EMTC               | eM29SF002NAB [TSOP32]  | (1414)        |
| EMTC               | eM29SF002NAT           |               |
| EMTC               | eM29SF002NAT [PLCC32]  | (1399)        |
| EMTC               | eM29SF002NAT [TSOP32]  | (1414)        |
| EMTC               | eM29SF020AB            |               |
| EMTC               | eM29SF020AB [PLCC32]   | (1399)        |
| EMTC               | eM29SF020AB [TSOP32]   | (1414)        |
| EMTC               | eM29SF020AT            |               |
| EMTC               | eM29SF020AT [PLCC32]   | (1399)        |
| EMTC               | eM29SF020AT [TSOP32]   | (1414)        |
| EMTC               | eM29SF020NAB           |               |
| EMTC               | eM29SF020NAB [PLCC32]  | (1399)        |
| EMTC               | eM29SF020NAB [TSOP32]  | (1414)        |
| EMTC               | eM29SF020NAT           |               |
| EMTC               | eM29SF020NAT [PLCC32]  | (1399)        |
| EMTC               | eM29SF020NAT [TSOP32]  | (1414)        |
| Energy technolog.  | ET1201A [LQFP32]       | (4465)        |
| Energy technolog.  | ET1201A [SSOP28]       | (4462)        |
| Energy technolog.  | ET1201A [TQFP32]       | (4465)        |
| Energy technolog.  | ET1251A [LQFP48]       | (4468)        |
| Energy technolog.  | ET1251A [QFN45]        | (4471)        |
| Energy technolog.  | ET1251B [LQFP48]       | (4468)        |
| Energy technolog.  | ET1271A [LQFP48]       | (4474)        |
| Energy technolog.  | ET1271A [QFN45]        | (4477)        |
| Energy technolog.  | ET1271B [LQFP48]       | (4474)        |
| Energy technolog.  | ET2201A [LQFP32]       | (4459)        |
| Energy technolog.  | ET2201A [QFN20]        | (4492)        |
| Energy technolog.  | ET2201A [SSOP20]       | (4422)        |
| Energy technolog.  | ET2201A [SSOP28]       | (4456)        |
| Energy technolog.  | ET2251A [LQFP48]       | (4480)        |
| Energy technolog.  | ET2251A [QFN45]        | (4483)        |
| Energy technolog.  | ET2271A [LQFP48]       | (4486)        |
| Energy technolog.  | ET2271A [QFN45]        | (4489)        |
| Energy technolog.  | ET2301A [QFN20]        | (4492)        |
| Energy Micro       | EFM32G200F16 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G200F16 [QFN32]   | (1566)        |
| Energy Micro       | EFM32G200F32 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G200F32 [QFN32]   | (1566)        |
| Energy Micro       | EFM32G200F64 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G200F64 [QFN32]   | (1566)        |
| Energy Micro       | EFM32G210F128 (ISP)    | (138) (9997)  |
| Energy Micro       | EFM32G210F128 [QFN32]  | (1566)        |
| Energy Micro       | EFM32G222F128 (ISP)    | (138) (9997)  |
| Energy Micro       | EFM32G222F128 [LQFP48] | (2424)        |
| Energy Micro       | EFM32G222F32 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G222F32 [LQFP48]  | (2424)        |
| Energy Micro       | EFM32G222F64 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G222F64 [LQFP48]  | (2424)        |
| Energy Micro       | EFM32G230F128 (ISP)    | (138) (9997)  |
| Energy Micro       | EFM32G230F128 [QFN64]  | (1565)        |
| Energy Micro       | EFM32G230F32 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G230F32 [QFN64]   | (1565)        |
| Energy Micro       | EFM32G230F64 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G230F64 [QFN64]   | (1565)        |
| Energy Micro       | EFM32G232F128 (ISP)    | (138) (9997)  |
| Energy Micro       | EFM32G232F128 [QFP64]  | (2610)        |
| Energy Micro       | EFM32G232F32 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G232F32 [QFP64]   | (2610)        |
| Energy Micro       | EFM32G232F64 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G232F64 [QFP64]   | (2610)        |
| Energy Micro       | EFM32G280F128 (ISP)    | (138)         |
| Energy Micro       | EFM32G280F128 [QFP100] | (1564)        |
| Energy Micro       | EFM32G280F32 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G280F32 [QFP100]  | (1564)        |
| Energy Micro       | EFM32G280F64 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G280F64 [QFP100]  | (1564)        |
| Energy Micro       | EFM32G290F128 (ISP)    | (138) (9997)  |
| Energy Micro       | EFM32G290F128 [BGA112] | (1588)        |
| Energy Micro       | EFM32G290F32 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G290F32 [BGA112]  | (1588)        |
| Energy Micro       | EFM32G290F64 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G290F64 [BGA112]  | (1588)        |
| Energy Micro       | EFM32G840F128 (ISP)    | (138) (9997)  |
| Energy Micro       | EFM32G840F128 [QFN64]  | (1565)        |
| Energy Micro       | EFM32G840F32 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G840F32 [QFN64]   | (1565)        |
| Energy Micro       | EFM32G840F64 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G840F64 [QFN64]   | (1565)        |
| Energy Micro       | EFM32G842F128 (ISP)    | (138) (9997)  |
| Energy Micro       | EFM32G842F128 [QFP64]  | (2610)        |
| Energy Micro       | EFM32G842F32 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G842F32 [QFP64]   | (2610)        |
| Energy Micro       | EFM32G842F64 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G842F64 [QFP64]   | (2610)        |
| Energy Micro       | EFM32G880F128 (ISP)    | (138)         |
| Energy Micro       | EFM32G880F128 [QFP100] | (1564)        |
| Energy Micro       | EFM32G880F32 (ISP)     | (138) (9997)  |
| Energy Micro       | EFM32G880F32 [QFP100]  | (1564)        |
| Energy Micro       | EFM32G880F64 (ISP)     | (138)         |
| Energy Micro       | EFM32G880F64 [QFP100]  | (1564)        |

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|------------------|-----------------------------------|--------------|
| Energy Micro     | EFM32WG995F128 (ISP)              | (138) (9997) |
| Energy Micro     | EFM32WG995F128 [BGA120]           | (2832)       |
| Energy Micro     | EFM32WG995F256 (ISP)              | (138) (9997) |
| Energy Micro     | EFM32WG995F256 [BGA120]           | (2832)       |
| Energy Micro     | EFM32WG995F64 (ISP)               | (138) (9997) |
| Energy Micro     | EFM32WG995F64 [BGA120]            | (2832)       |
| Eon Silicon Sol. | EN25B05 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25B05 [SOP8-150]                | (3095) (*1)  |
| Eon Silicon Sol. | EN25B05 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25B05T (ISP)                    | (138)        |
| Eon Silicon Sol. | EN25B05T [SOP8-150]               | (3095) (*1)  |
| Eon Silicon Sol. | EN25B05T [VDFN8]                  | (3097) (*1)  |
| Eon Silicon Sol. | EN25B10 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25B10 [SOP8-150]                | (3095) (*1)  |
| Eon Silicon Sol. | EN25B10 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25B10T (ISP)                    | (138)        |
| Eon Silicon Sol. | EN25B10T [SOP8-150]               | (3095) (*1)  |
| Eon Silicon Sol. | EN25B10T [VDFN8]                  | (3097) (*1)  |
| Eon Silicon Sol. | EN25B16                           |              |
| Eon Silicon Sol. | EN25B16 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25B16 [SOP16]                   | (3101) (*1)  |
| Eon Silicon Sol. | EN25B16 [SOP8]                    | (3088) (*1)  |
| Eon Silicon Sol. | EN25B16 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25B16T                          |              |
| Eon Silicon Sol. | EN25B16T (ISP)                    | (138)        |
| Eon Silicon Sol. | EN25B16T [SOP16]                  | (3101) (*1)  |
| Eon Silicon Sol. | EN25B16T [SOP8]                   | (3088) (*1)  |
| Eon Silicon Sol. | EN25B16T [VDFN8]                  | (3097) (*1)  |
| Eon Silicon Sol. | EN25B20 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25B20 [SOP8-150]                | (3095) (*1)  |
| Eon Silicon Sol. | EN25B20 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25B20T (ISP)                    | (138)        |
| Eon Silicon Sol. | EN25B20T [SOP8-150]               | (3095) (*1)  |
| Eon Silicon Sol. | EN25B20T [VDFN8]                  | (3097) (*1)  |
| Eon Silicon Sol. | EN25B32                           |              |
| Eon Silicon Sol. | EN25B32 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25B32 [SOP16]                   | (3101) (*1)  |
| Eon Silicon Sol. | EN25B32 [SOP8]                    | (3088) (*1)  |
| Eon Silicon Sol. | EN25B32 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25B32T                          |              |
| Eon Silicon Sol. | EN25B32T (ISP)                    | (138)        |
| Eon Silicon Sol. | EN25B32T [SOP16]                  | (3101) (*1)  |
| Eon Silicon Sol. | EN25B32T [SOP8]                   | (3088) (*1)  |
| Eon Silicon Sol. | EN25B32T [VDFN8]                  | (3097) (*1)  |
| Eon Silicon Sol. | EN25B40                           |              |
| Eon Silicon Sol. | EN25B40 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25B40 [SOP8-150]                | (3095) (*1)  |
| Eon Silicon Sol. | EN25B40 [SOP8-200]                | (3088) (*1)  |
| Eon Silicon Sol. | EN25B40 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25B40T                          |              |
| Eon Silicon Sol. | EN25B40T (ISP)                    | (138)        |
| Eon Silicon Sol. | EN25B40T [SOP8-150]               | (3095) (*1)  |
| Eon Silicon Sol. | EN25B40T [SOP8-200]               | (3088) (*1)  |
| Eon Silicon Sol. | EN25B40T [VDFN8]                  | (3097) (*1)  |
| Eon Silicon Sol. | EN25B64 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25B64 [SOP16]                   | (3101) (*1)  |
| Eon Silicon Sol. | EN25B64T (ISP)                    | (138)        |
| Eon Silicon Sol. | EN25B64T [SOP16]                  | (3101) (*1)  |
| Eon Silicon Sol. | EN25B80                           |              |
| Eon Silicon Sol. | EN25B80 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25B80 [SOIC8]                   | (3088) (*1)  |
| Eon Silicon Sol. | EN25B80 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25B80T                          |              |
| Eon Silicon Sol. | EN25B80T (ISP)                    | (138)        |
| Eon Silicon Sol. | EN25B80T [SOIC8]                  | (3088) (*1)  |
| Eon Silicon Sol. | EN25B80T [VDFN8]                  | (3097) (*1)  |
| Eon Silicon Sol. | EN25D16                           |              |
| Eon Silicon Sol. | EN25D16 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25D16 [SOP16]                   | (3101) (*1)  |
| Eon Silicon Sol. | EN25D16 [SOP8]                    | (3088) (*1)  |
| Eon Silicon Sol. | EN25D16 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25D80                           |              |
| Eon Silicon Sol. | EN25D80 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25D80 [SOP8]                    | (3088) (*1)  |
| Eon Silicon Sol. | EN25D80 [SOP8] (DualSPI)          | (3088) (*1)  |
| Eon Silicon Sol. | EN25D80 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25D80 [VDFN8] (DualSPI)         | (3097) (*1)  |
| Eon Silicon Sol. | EN25F05 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25F05 [SOP8-150]                | (3095) (*1)  |
| Eon Silicon Sol. | EN25F05 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25F10 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25F10 [SOP8]                    | (3095) (*1)  |
| Eon Silicon Sol. | EN25F10 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25F10A (ISP)                    | (138)        |
| Eon Silicon Sol. | EN25F10A [SOP8]                   | (3095) (*1)  |
| Eon Silicon Sol. | EN25F10A [USON8]                  | (3935) (*1)  |
| Eon Silicon Sol. | EN25F10A [VDFN8 5x6]              | (3097) (*1)  |
| Eon Silicon Sol. | EN25F10A [VSOP8-150]              | (3095) (*1)  |
| Eon Silicon Sol. | EN25F16                           |              |
| Eon Silicon Sol. | EN25F16 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25F16 [SOP16]                   | (3101) (*1)  |
| Eon Silicon Sol. | EN25F16 [SOP8]                    | (3088) (*1)  |
| Eon Silicon Sol. | EN25F16 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25F20 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25F20 [SOP8]                    | (3095) (*1)  |
| Eon Silicon Sol. | EN25F20 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25F20A (ISP)                    | (138)        |
| Eon Silicon Sol. | EN25F20A [SOP8]                   | (3095) (*1)  |
| Eon Silicon Sol. | EN25F20A [USON8]                  | (3935) (*1)  |
| Eon Silicon Sol. | EN25F20A [VDFN8 5x6]              | (3097) (*1)  |
| Eon Silicon Sol. | EN25F20A [VSOP8-150]              | (3095) (*1)  |
| Eon Silicon Sol. | EN25F20A(2N) [SOP8-150] (QuadSPI) | (3094) (*1)  |
| Eon Silicon Sol. | EN25F32                           |              |
| Eon Silicon Sol. | EN25F32 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25F32 [SOP16]                   | (3101) (*1)  |
| Eon Silicon Sol. | EN25F32 [SOP8]                    | (3088) (*1)  |
| Eon Silicon Sol. | EN25F32 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25F40                           |              |
| Eon Silicon Sol. | EN25F40 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25F40 [SOP8-150]                | (3095) (*1)  |
| Eon Silicon Sol. | EN25F40 [SOP8-200]                | (3088) (*1)  |
| Eon Silicon Sol. | EN25F40 [VDFN8]                   | (3097) (*1)  |
| Eon Silicon Sol. | EN25F40A (ISP)                    | (138)        |
| Eon Silicon Sol. | EN25F40A [SOP8-150]               | (3095) (*1)  |
| Eon Silicon Sol. | EN25F40A [USON8]                  | (3935) (*1)  |
| Eon Silicon Sol. | EN25F40A [VDFN8 5x6]              | (3097) (*1)  |
| Eon Silicon Sol. | EN25F40A [VSOP8-150]              | (3095) (*1)  |
| Eon Silicon Sol. | EN25F64                           |              |
| Eon Silicon Sol. | EN25F64 (ISP)                     | (138)        |
| Eon Silicon Sol. | EN25F64 [SOP16]                   | (3101) (*1)  |
| Eon Silicon Sol. | EN25F64 [SOP8]                    | (3088) (*1)  |
| Eon Silicon Sol. | EN25F64 [SOP8] (DualSPI)          | (3088) (*1)  |
| Eon Silicon Sol. | EN25F64 [VDFN8 5x6]               | (3097) (*1)  |
| Eon Silicon Sol. | EN25F64 [VDFN8 5x6] (DualSPI)     | (3097) (*1)  |
| Eon Silicon Sol. | EN25F64 [VDFN8 6x8]               | (3053) (*1)  |
| Eon Silicon Sol. | EN25F64 [VDFN8 6x8] (DualSPI)     | (3053) (*1)  |
| Eon Silicon Sol. | EN25F80                           |              |
| Eon Silicon Sol. | EN25F80 (ISP)                     | (138)        |

|                  |          |                       |             |
|------------------|----------|-----------------------|-------------|
| Eon Silicon Sol. | EN25F80  | [SOP8-200]            | (3088) (*1) |
| Eon Silicon Sol. | EN25F80  | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25LF05 | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25LF05 | [SOP8-150]            | (3095) (*1) |
| Eon Silicon Sol. | EN25LF05 | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25LF10 | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25LF10 | [SOP8]                | (3095) (*1) |
| Eon Silicon Sol. | EN25LF10 | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25LF20 | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25LF20 | [SOP8]                | (3095) (*1) |
| Eon Silicon Sol. | EN25LF20 | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25LF40 |                       |             |
| Eon Silicon Sol. | EN25LF40 | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25LF40 | [SOP8-150]            | (3095) (*1) |
| Eon Silicon Sol. | EN25LF40 | [SOP8-200]            | (3088) (*1) |
| Eon Silicon Sol. | EN25LF40 | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25P05  | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25P05  | [SOP8-150]            | (3095) (*1) |
| Eon Silicon Sol. | EN25P05  | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25P10  | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25P10  | [SOP8-150]            | (3095) (*1) |
| Eon Silicon Sol. | EN25P10  | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25P16  |                       |             |
| Eon Silicon Sol. | EN25P16  | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25P16  | [SOP16]               | (3101) (*1) |
| Eon Silicon Sol. | EN25P16  | [SOP8]                | (3088) (*1) |
| Eon Silicon Sol. | EN25P16  | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25P20  | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25P20  | [SOP8-150]            | (3095) (*1) |
| Eon Silicon Sol. | EN25P20  | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25P32  |                       |             |
| Eon Silicon Sol. | EN25P32  | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25P32  | [SOP16]               | (3101) (*1) |
| Eon Silicon Sol. | EN25P32  | [SOP8]                | (3088) (*1) |
| Eon Silicon Sol. | EN25P32  | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25P40  |                       |             |
| Eon Silicon Sol. | EN25P40  | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25P40  | [SOP8-150]            | (3095) (*1) |
| Eon Silicon Sol. | EN25P40  | [SOP8-200]            | (3088) (*1) |
| Eon Silicon Sol. | EN25P40  | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25P64  | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25P64  | [SOP16]               | (3101) (*1) |
| Eon Silicon Sol. | EN25P80  |                       |             |
| Eon Silicon Sol. | EN25P80  | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25P80  | [SOIC8]               | (3088) (*1) |
| Eon Silicon Sol. | EN25P80  | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25Q128 | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25Q128 | [BGA24 6x8]           | (1268) (*1) |
| Eon Silicon Sol. | EN25Q128 | [BGA24 6x8] (DualSPI) | (1268) (*1) |
| Eon Silicon Sol. | EN25Q128 | [BGA24 6x8] (QuadSPI) | (1268) (*1) |
| Eon Silicon Sol. | EN25Q128 | [SOP16]               | (3101) (*1) |
| Eon Silicon Sol. | EN25Q128 | [SOP16] (DualSPI)     | (3101) (*1) |
| Eon Silicon Sol. | EN25Q128 | [SOP16] (QuadSPI)     | (3101) (*1) |
| Eon Silicon Sol. | EN25Q128 | [VDFN8 5x6]           | (3097) (*1) |
| Eon Silicon Sol. | EN25Q128 | [VDFN8 5x6] (DualSPI) | (3097) (*1) |
| Eon Silicon Sol. | EN25Q128 | [VDFN8 5x6] (QuadSPI) | (3097) (*1) |
| Eon Silicon Sol. | EN25Q128 | [VDFN8 6x8]           | (3053) (*1) |
| Eon Silicon Sol. | EN25Q128 | [VDFN8 6x8] (DualSPI) | (3053) (*1) |
| Eon Silicon Sol. | EN25Q128 | [VDFN8 6x8] (QuadSPI) | (3053) (*1) |
| Eon Silicon Sol. | EN25Q16  |                       |             |
| Eon Silicon Sol. | EN25Q16  | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25Q16  | [SOP8-150]            | (3095) (*1) |
| Eon Silicon Sol. | EN25Q16  | [SOP8-150] (DualSPI)  | (3095) (*1) |
| Eon Silicon Sol. | EN25Q16  | [SOP8-150] (QuadSPI)  | (3095) (*1) |
| Eon Silicon Sol. | EN25Q16  | [SOP8-200]            | (3088) (*1) |
| Eon Silicon Sol. | EN25Q16  | [SOP8-200] (DualSPI)  | (3088) (*1) |
| Eon Silicon Sol. | EN25Q16  | [SOP8-200] (QuadSPI)  | (3088) (*1) |
| Eon Silicon Sol. | EN25Q16  | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25Q16  | [VDFN8] (DualSPI)     | (3097) (*1) |
| Eon Silicon Sol. | EN25Q16  | [VDFN8] (QuadSPI)     | (3097) (*1) |
| Eon Silicon Sol. | EN25Q16A |                       |             |
| Eon Silicon Sol. | EN25Q16A | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25Q16A | [SOP8-150]            | (3095) (*1) |
| Eon Silicon Sol. | EN25Q16A | [SOP8-150] (DualSPI)  | (3095) (*1) |
| Eon Silicon Sol. | EN25Q16A | [SOP8-200]            | (3088) (*1) |
| Eon Silicon Sol. | EN25Q16A | [SOP8-200] (DualSPI)  | (3088) (*1) |
| Eon Silicon Sol. | EN25Q16A | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25Q16A | [VDFN8] (DualSPI)     | (3097) (*1) |
| Eon Silicon Sol. | EN25Q32  | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25Q32  | [SOP8]                | (3088) (*1) |
| Eon Silicon Sol. | EN25Q32  | [SOP8] (DualSPI)      | (3088) (*1) |
| Eon Silicon Sol. | EN25Q32  | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25Q32  | [VDFN8] (DualSPI)     | (3097) (*1) |
| Eon Silicon Sol. | EN25Q32A |                       |             |
| Eon Silicon Sol. | EN25Q32A | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25Q32A | [SOP16]               | (3101) (*1) |
| Eon Silicon Sol. | EN25Q32A | [SOP16] (DualSPI)     | (3101) (*1) |
| Eon Silicon Sol. | EN25Q32A | [SOP16] (QuadSPI)     | (3101) (*1) |
| Eon Silicon Sol. | EN25Q32A | [SOP8]                | (3088) (*1) |
| Eon Silicon Sol. | EN25Q32A | [SOP8] (DualSPI)      | (3088) (*1) |
| Eon Silicon Sol. | EN25Q32A | [SOP8] (QuadSPI)      | (3088) (*1) |
| Eon Silicon Sol. | EN25Q32A | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25Q32A | [VDFN8] (DualSPI)     | (3101) (*1) |
| Eon Silicon Sol. | EN25Q32A | [VDFN8] (QuadSPI)     | (3097) (*1) |
| Eon Silicon Sol. | EN25Q32B |                       |             |
| Eon Silicon Sol. | EN25Q32B | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25Q32B | [BGA24 6x8]           | (1268) (*1) |
| Eon Silicon Sol. | EN25Q32B | [BGA24 6x8] (DualSPI) | (1268) (*1) |
| Eon Silicon Sol. | EN25Q32B | [BGA24 6x8] (QuadSPI) | (1268) (*1) |
| Eon Silicon Sol. | EN25Q32B | [SOP16]               | (3101) (*1) |
| Eon Silicon Sol. | EN25Q32B | [SOP16] (DualSPI)     | (3101) (*1) |
| Eon Silicon Sol. | EN25Q32B | [SOP16] (QuadSPI)     | (3101) (*1) |
| Eon Silicon Sol. | EN25Q32B | [SOP8]                | (3088) (*1) |
| Eon Silicon Sol. | EN25Q32B | [SOP8] (DualSPI)      | (3088) (*1) |
| Eon Silicon Sol. | EN25Q32B | [SOP8] (QuadSPI)      | (3088) (*1) |
| Eon Silicon Sol. | EN25Q32B | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25Q32B | [VDFN8] (DualSPI)     | (3101) (*1) |
| Eon Silicon Sol. | EN25Q32B | [VDFN8] (QuadSPI)     | (3097) (*1) |
| Eon Silicon Sol. | EN25Q32C | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25Q32C | [SOP8]                | (3088) (*1) |
| Eon Silicon Sol. | EN25Q40  |                       |             |
| Eon Silicon Sol. | EN25Q40  | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25Q40  | [SOP8-150]            | (3095) (*1) |
| Eon Silicon Sol. | EN25Q40  | [SOP8-150] (DualSPI)  | (3095) (*1) |
| Eon Silicon Sol. | EN25Q40  | [SOP8-200]            | (3088) (*1) |
| Eon Silicon Sol. | EN25Q40  | [SOP8-200] (DualSPI)  | (3088) (*1) |
| Eon Silicon Sol. | EN25Q40  | [USON8]               | (3935) (*1) |
| Eon Silicon Sol. | EN25Q40  | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25Q40  | [VDFN8] (DualSPI)     | (3097) (*1) |
| Eon Silicon Sol. | EN25Q40A | (ISP)                 | (138)       |
| Eon Silicon Sol. | EN25Q40A | [SOP8-150]            | (3095) (*1) |
| Eon Silicon Sol. | EN25Q40A | [SOP8-150] (QuadSPI)  | (3095) (*1) |
| Eon Silicon Sol. | EN25Q40A | [SOP8-200]            | (3087) (*1) |
| Eon Silicon Sol. | EN25Q40A | [SOP8-200] (QuadSPI)  | (3088) (*1) |
| Eon Silicon Sol. | EN25Q40A | [USON8]               | (3935) (*1) |
| Eon Silicon Sol. | EN25Q40A | [VDFN8]               | (3097) (*1) |
| Eon Silicon Sol. | EN25Q40A | [VDFN8] (QuadSPI)     | (3097) (*1) |
| Eon Silicon Sol. | EN25Q40A | [VSOP8-150]           | (3095) (*1) |



|                  |                                     |             |
|------------------|-------------------------------------|-------------|
| Eon Silicon Sol. | EN25Q40B(2X) [SOP8-150]             | (3094) (*1) |
| Eon Silicon Sol. | EN25Q40B(2X) [SOP8-150] (QuadSPI)   | (3094) (*1) |
| Eon Silicon Sol. | EN25Q64                             |             |
| Eon Silicon Sol. | EN25Q64 (ISP)                       | (138)       |
| Eon Silicon Sol. | EN25Q64 [BGA24 6x8]                 | (1268) (*1) |
| Eon Silicon Sol. | EN25Q64 [BGA24 6x8] (DualSPI)       | (1268) (*1) |
| Eon Silicon Sol. | EN25Q64 [SOP16]                     | (3101) (*1) |
| Eon Silicon Sol. | EN25Q64 [SOP16] (DualSPI)           | (3101) (*1) |
| Eon Silicon Sol. | EN25Q64 [SOP16] (QuadSPI)           | (3101) (*1) |
| Eon Silicon Sol. | EN25Q64 [SOP8]                      | (3088) (*1) |
| Eon Silicon Sol. | EN25Q64 [SOP8] (DualSPI)            | (3088) (*1) |
| Eon Silicon Sol. | EN25Q64 [SOP8] (QuadSPI)            | (3088) (*1) |
| Eon Silicon Sol. | EN25Q64 [VDFN8 5x6]                 | (3097) (*1) |
| Eon Silicon Sol. | EN25Q64 [VDFN8 5x6] (DualSPI)       | (3097) (*1) |
| Eon Silicon Sol. | EN25Q64 [VDFN8 5x6] (QuadSPI)       | (3097) (*1) |
| Eon Silicon Sol. | EN25Q64 [VDFN8 6x8]                 | (3053) (*1) |
| Eon Silicon Sol. | EN25Q64 [VDFN8 6x8] (DualSPI)       | (3053) (*1) |
| Eon Silicon Sol. | EN25Q64 [VDFN8 6x8] (QuadSPI)       | (3053) (*1) |
| Eon Silicon Sol. | EN25Q80A                            |             |
| Eon Silicon Sol. | EN25Q80A (ISP)                      | (138)       |
| Eon Silicon Sol. | EN25Q80A [SOP8-150]                 | (3095) (*1) |
| Eon Silicon Sol. | EN25Q80A [SOP8-150] (DualSPI)       | (3095) (*1) |
| Eon Silicon Sol. | EN25Q80A [SOP8-200]                 | (3088) (*1) |
| Eon Silicon Sol. | EN25Q80A [SOP8-200] (DualSPI)       | (3088) (*1) |
| Eon Silicon Sol. | EN25Q80A [TFBGA24]                  | (1268) (*1) |
| Eon Silicon Sol. | EN25Q80A [VDFN8]                    | (3097) (*1) |
| Eon Silicon Sol. | EN25Q80A [VDFN8] (DualSPI)          | (3097) (*1) |
| Eon Silicon Sol. | EN25Q80B                            |             |
| Eon Silicon Sol. | EN25Q80B (ISP)                      | (138)       |
| Eon Silicon Sol. | EN25Q80B [SOP8-150]                 | (3095) (*1) |
| Eon Silicon Sol. | EN25Q80B [SOP8-150] (QuadSPI)       | (3095) (*1) |
| Eon Silicon Sol. | EN25Q80B [SOP8-200]                 | (3088) (*1) |
| Eon Silicon Sol. | EN25Q80B [SOP8-200] (QuadSPI)       | (3088) (*1) |
| Eon Silicon Sol. | EN25Q80B [USON8]                    | (3935) (*1) |
| Eon Silicon Sol. | EN25Q80B [VDFN8]                    | (3097) (*1) |
| Eon Silicon Sol. | EN25Q80B [VDFN8] (QuadSPI)          | (3097) (*1) |
| Eon Silicon Sol. | EN25Q80B [VSOP8-150]                | (3095) (*1) |
| Eon Silicon Sol. | EN25Q80B [VSOP8-150] (QuadSPI)      | (3095) (*1) |
| Eon Silicon Sol. | EN25Q80C(2A) [SOP8-150] (QuadSPI)   | (3094) (*1) |
| Eon Silicon Sol. | EN25QA128 (ISP)                     | (138)       |
| Eon Silicon Sol. | EN25QA128 [SOP16]                   | (3101) (*1) |
| Eon Silicon Sol. | EN25QA128 [SOP16] (QuadSPI)         | (3101) (*1) |
| Eon Silicon Sol. | EN25QA128 [TFBGA24 6x8]             | (1268) (*1) |
| Eon Silicon Sol. | EN25QA128 [TFBGA24 6x8] (QuadSPI)   | (1268) (*1) |
| Eon Silicon Sol. | EN25QA128 [VDFN8 6x8] (QuadSPI)     | (3053) (*1) |
| Eon Silicon Sol. | EN25QA16 (ISP)                      | (138)       |
| Eon Silicon Sol. | EN25QA16 [SOP8]                     | (3088) (*1) |
| Eon Silicon Sol. | EN25QA16 [TFBGA24 6x8]              | (1268) (*1) |
| Eon Silicon Sol. | EN25QA16 [TFBGA24 6x8] (DualSPI)    | (1268) (*1) |
| Eon Silicon Sol. | EN25QA16 [TFBGA24 6x8] (QuadSPI)    | (1268) (*1) |
| Eon Silicon Sol. | EN25QA256 (ISP)                     | (138)       |
| Eon Silicon Sol. | EN25QA256 [SOP16]                   | (3101) (*1) |
| Eon Silicon Sol. | EN25QA256 [SOP16] (DualSPI)         | (3101) (*1) |
| Eon Silicon Sol. | EN25QA256 [SOP16] (QuadSPI)         | (3101) (*1) |
| Eon Silicon Sol. | EN25QA256 [TFBGA24 6x8]             | (1268) (*1) |
| Eon Silicon Sol. | EN25QA256 [TFBGA24 6x8] (DualSPI)   | (1268) (*1) |
| Eon Silicon Sol. | EN25QA256 [TFBGA24 6x8] (QuadSPI)   | (1268) (*1) |
| Eon Silicon Sol. | EN25QA256 [VDFN8 6x8]               | (3053) (*1) |
| Eon Silicon Sol. | EN25QA256 [VDFN8 6x8] (DualSPI)     | (3053) (*1) |
| Eon Silicon Sol. | EN25QA256 [VDFN8 6x8] (QuadSPI)     | (3053) (*1) |
| Eon Silicon Sol. | EN25QA32 (ISP)                      | (138)       |
| Eon Silicon Sol. | EN25QA32 [SOP8]                     | (3088) (*1) |
| Eon Silicon Sol. | EN25QA32 [SOP8] (DualSPI)           | (3088) (*1) |
| Eon Silicon Sol. | EN25QA32 [TFBGA24 6x8]              | (1268) (*1) |
| Eon Silicon Sol. | EN25QA32 [TFBGA24 6x8] (DualSPI)    | (1268) (*1) |
| Eon Silicon Sol. | EN25QA64 (ISP)                      | (138)       |
| Eon Silicon Sol. | EN25QA64 [SOP8]                     | (3088) (*1) |
| Eon Silicon Sol. | EN25QA64 [TFBGA24 6x8]              | (1268) (*1) |
| Eon Silicon Sol. | EN25QA64 [TFBGA24 6x8] (DualSPI)    | (1268) (*1) |
| Eon Silicon Sol. | EN25QA64 [TFBGA24 6x8] (QuadSPI)    | (1268) (*1) |
| Eon Silicon Sol. | EN25QF256 (ISP)                     | (138)       |
| Eon Silicon Sol. | EN25QF256 [BGA24 6x8]               | (1268) (*1) |
| Eon Silicon Sol. | EN25QF256 [SOP16]                   | (3101) (*1) |
| Eon Silicon Sol. | EN25QF256 [SOP16] (QuadSPI)         | (3101) (*1) |
| Eon Silicon Sol. | EN25QF256 [TFBGA24 6x8] (QuadSPI)   | (1268) (*1) |
| Eon Silicon Sol. | EN25QF256 [VDFN8 6x8]               | (3053) (*1) |
| Eon Silicon Sol. | EN25QF256 [VDFN8 6x8] (QuadSPI)     | (3053) (*1) |
| Eon Silicon Sol. | EN25QH128 (ISP)                     | (138)       |
| Eon Silicon Sol. | EN25QH128 [BGA24 6x8]               | (1268) (*1) |
| Eon Silicon Sol. | EN25QH128 [SOP16]                   | (3101) (*1) |
| Eon Silicon Sol. | EN25QH128 [SOP16] (QuadSPI)         | (3101) (*1) |
| Eon Silicon Sol. | EN25QH128 [TFBGA24 6x8] (QuadSPI)   | (1268) (*1) |
| Eon Silicon Sol. | EN25QH128 [VDFN8 6x8]               | (3053) (*1) |
| Eon Silicon Sol. | EN25QH128 [VDFN8 6x8] (QuadSPI)     | (3053) (*1) |
| Eon Silicon Sol. | EN25QH128A                          |             |
| Eon Silicon Sol. | EN25QH128A (ISP)                    | (138)       |
| Eon Silicon Sol. | EN25QH128A [SOP16]                  | (3101) (*1) |
| Eon Silicon Sol. | EN25QH128A [SOP16] (QuadSPI)        | (3101) (*1) |
| Eon Silicon Sol. | EN25QH128A [SOP8] (QuadSPI)         | (3088) (*1) |
| Eon Silicon Sol. | EN25QH128A [SOP8-200]               | (3088) (*1) |
| Eon Silicon Sol. | EN25QH128A [TFBGA24 6x8] (QuadSPI)  | (1268) (*1) |
| Eon Silicon Sol. | EN25QH128A [VDFN8 5x6]              | (3097) (*1) |
| Eon Silicon Sol. | EN25QH128A [VDFN8 5x6] (QuadSPI)    | (3097) (*1) |
| Eon Silicon Sol. | EN25QH128A [VDFN8 6x8]              | (3053) (*1) |
| Eon Silicon Sol. | EN25QH128A [VDFN8 6x8] (QuadSPI)    | (3053) (*1) |
| Eon Silicon Sol. | EN25QH128A [VSOP8]                  | (3088) (*1) |
| Eon Silicon Sol. | EN25QH128A [VSOP8] (QuadSPI)        | (3088) (*1) |
| Eon Silicon Sol. | EN25QH128A(2T) [SOP8-200]           | (3087) (*1) |
| Eon Silicon Sol. | EN25QH128A(2T) [SOP8-200] (QuadSPI) | (3087) (*1) |
| Eon Silicon Sol. | EN25QH16                            |             |
| Eon Silicon Sol. | EN25QH16 (ISP)                      | (138)       |
| Eon Silicon Sol. | EN25QH16 [BGA24 6x8]                | (1268) (*1) |
| Eon Silicon Sol. | EN25QH16 [BGA24 6x8] (DualSPI)      | (1268) (*1) |
| Eon Silicon Sol. | EN25QH16 [SOP16]                    | (3101) (*1) |
| Eon Silicon Sol. | EN25QH16 [SOP16] (DualSPI)          | (3101) (*1) |
| Eon Silicon Sol. | EN25QH16 [SOP8]                     | (3088) (*1) |
| Eon Silicon Sol. | EN25QH16 [SOP8-150] (DualSPI)       | (3095) (*1) |
| Eon Silicon Sol. | EN25QH16 [SOP8-150] (QuadSPI)       | (3095) (*1) |
| Eon Silicon Sol. | EN25QH16 [SOP8-200] (DualSPI)       | (3088) (*1) |
| Eon Silicon Sol. | EN25QH16 [SOP8-200] (QuadSPI)       | (3088) (*1) |
| Eon Silicon Sol. | EN25QH16 [TFBGA24 6x8] (QuadSPI)    | (1268) (*1) |
| Eon Silicon Sol. | EN25QH16 [VDFN8 5x6]                | (3097) (*1) |
| Eon Silicon Sol. | EN25QH16 [VDFN8 5x6] (DualSPI)      | (3097) (*1) |
| Eon Silicon Sol. | EN25QH16 [VDFN8] (QuadSPI)          | (3097) (*1) |
| Eon Silicon Sol. | EN25QH16A [SOP8-150]                | (3094) (*1) |
| Eon Silicon Sol. | EN25QH16A [SOP8-200]                | (3087) (*1) |
| Eon Silicon Sol. | EN25QH16A [VSOP8-150]               | (3094) (*1) |
| Eon Silicon Sol. | EN25QH16B [SOP8-150] (QuadSPI)      | (3094) (*1) |
| Eon Silicon Sol. | EN25QH16B [SOP8-200] (QuadSPI)      | (3087) (*1) |
| Eon Silicon Sol. | EN25QH256 (ISP)                     | (138)       |
| Eon Silicon Sol. | EN25QH256 [BGA24 6x8]               | (1268) (*1) |
| Eon Silicon Sol. | EN25QH256 [BGA24 6x8] (QuadSPI)     | (1268) (*1) |
| Eon Silicon Sol. | EN25QH256 [SOP16]                   | (3101) (*1) |
| Eon Silicon Sol. | EN25QH256 [SOP16] (QuadSPI)         | (3101) (*1) |
| Eon Silicon Sol. | EN25QH256 [VDFN8 6x8]               | (3053) (*1) |
| Eon Silicon Sol. | EN25QH256 [VDFN8 6x8] (QuadSPI)     | (3053) (*1) |
| Eon Silicon Sol. | EN25QH32                            |             |
| Eon Silicon Sol. | EN25QH32 (ISP)                      | (138)       |

|                  |               |                         |             |
|------------------|---------------|-------------------------|-------------|
| Eon Silicon Sol. | EN25QH32      | [SOP16]                 | (3101) (*1) |
| Eon Silicon Sol. | EN25QH32      | [SOP16] (DualSPI)       | (3101) (*1) |
| Eon Silicon Sol. | EN25QH32      | [SOP16] (QuadSPI)       | (3101) (*1) |
| Eon Silicon Sol. | EN25QH32      | [SOP8]                  | (3088) (*1) |
| Eon Silicon Sol. | EN25QH32      | [SOP8] (DualSPI)        | (3088) (*1) |
| Eon Silicon Sol. | EN25QH32      | [SOP8] (QuadSPI)        | (3088) (*1) |
| Eon Silicon Sol. | EN25QH32      | [TFBGA24 6x8] (DualSPI) | (1268) (*1) |
| Eon Silicon Sol. | EN25QH32      | [VDFN8 5x6] (QuadSPI)   | (3097) (*1) |
| Eon Silicon Sol. | EN25QH32      | [VDFN8]                 | (3097) (*1) |
| Eon Silicon Sol. | EN25QH32      | [VDFN8] (DualSPI)       | (3097) (*1) |
| Eon Silicon Sol. | EN25QH32A     | [SOP16]                 | (3101) (*1) |
| Eon Silicon Sol. | EN25QH32A     | [SOP16] (DualSPI)       | (3101) (*1) |
| Eon Silicon Sol. | EN25QH32A     | [SOP16] (QuadSPI)       | (3101) (*1) |
| Eon Silicon Sol. | EN25QH32A     | [SOP8]                  | (3088) (*1) |
| Eon Silicon Sol. | EN25QH32A     | [SOP8] (DualSPI)        | (3088) (*1) |
| Eon Silicon Sol. | EN25QH32A     | [SOP8] (QuadSPI)        | (3088) (*1) |
| Eon Silicon Sol. | EN25QH32A     | [VDFN8 5x6] (QuadSPI)   | (3097) (*1) |
| Eon Silicon Sol. | EN25QH32A     | [VDFN8]                 | (3097) (*1) |
| Eon Silicon Sol. | EN25QH32A     | [VDFN8] (DualSPI)       | (3097) (*1) |
| Eon Silicon Sol. | EN25QH64      |                         | (138)       |
| Eon Silicon Sol. | EN25QH64      | (ISP)                   | (1268) (*1) |
| Eon Silicon Sol. | EN25QH64      | [BGA24 6x8]             | (1268) (*1) |
| Eon Silicon Sol. | EN25QH64      | [BGA24 6x8] (DualSPI)   | (3101) (*1) |
| Eon Silicon Sol. | EN25QH64      | [SOP16]                 | (3101) (*1) |
| Eon Silicon Sol. | EN25QH64      | [SOP16] (DualSPI)       | (3101) (*1) |
| Eon Silicon Sol. | EN25QH64      | [SOP16] (QuadSPI)       | (3101) (*1) |
| Eon Silicon Sol. | EN25QH64      | [SOP8]                  | (3088) (*1) |
| Eon Silicon Sol. | EN25QH64      | [SOP8] (DualSPI)        | (3088) (*1) |
| Eon Silicon Sol. | EN25QH64      | [SOP8] (QuadSPI)        | (3088) (*1) |
| Eon Silicon Sol. | EN25QH64      | [TFBGA24 6x8] (QuadSPI) | (1268) (*1) |
| Eon Silicon Sol. | EN25QH64      | [VDFN8 5x6] (DualSPI)   | (3097) (*1) |
| Eon Silicon Sol. | EN25QH64      | [VDFN8 5x6] (QuadSPI)   | (3097) (*1) |
| Eon Silicon Sol. | EN25QH64      | [VDFN8 6x8]             | (3053) (*1) |
| Eon Silicon Sol. | EN25QH64      | [VDFN8 6x8] (DualSPI)   | (3053) (*1) |
| Eon Silicon Sol. | EN25QH64      | [VDFN8 6x8] (QuadSPI)   | (3053) (*1) |
| Eon Silicon Sol. | EN25QH64A     |                         | (138)       |
| Eon Silicon Sol. | EN25QH64A     | (ISP)                   | (1268) (*1) |
| Eon Silicon Sol. | EN25QH64A     | [BGA24 6x8]             | (1268) (*1) |
| Eon Silicon Sol. | EN25QH64A     | [SOP16]                 | (3101) (*1) |
| Eon Silicon Sol. | EN25QH64A     | [SOP16] (QuadSPI)       | (3101) (*1) |
| Eon Silicon Sol. | EN25QH64A     | [SOP8]                  | (3088) (*1) |
| Eon Silicon Sol. | EN25QH64A     | [SOP8] (QuadSPI)        | (3088) (*1) |
| Eon Silicon Sol. | EN25QH64A     | [TFBGA24 6x8] (QuadSPI) | (1268) (*1) |
| Eon Silicon Sol. | EN25QH64A     | [VDFN8 5x6]             | (3097) (*1) |
| Eon Silicon Sol. | EN25QH64A     | [VDFN8 5x6] (QuadSPI)   | (3097) (*1) |
| Eon Silicon Sol. | EN25S10       | (ISP)                   | (138)       |
| Eon Silicon Sol. | EN25S10       | [SOP8]                  | (3095) (*1) |
| Eon Silicon Sol. | EN25S10       | [USON8]                 | (3935) (*1) |
| Eon Silicon Sol. | EN25S10       | [VDFN8]                 | (3935) (*1) |
| Eon Silicon Sol. | EN25S10A      | (ISP)                   | (138)       |
| Eon Silicon Sol. | EN25S10A      | [SOP8]                  | (3095) (*1) |
| Eon Silicon Sol. | EN25S10A      | [USON8]                 | (3935) (*1) |
| Eon Silicon Sol. | EN25S10A      | [VDFN8]                 | (3935) (*1) |
| Eon Silicon Sol. | EN25S16       | (ISP)                   | (138)       |
| Eon Silicon Sol. | EN25S16       | [SOP8-150]              | (3095) (*1) |
| Eon Silicon Sol. | EN25S16       | [VDFN8]                 | (3097) (*1) |
| Eon Silicon Sol. | EN25S16       | [VSOP8]                 | (3088) (*1) |
| Eon Silicon Sol. | EN25S20       | (ISP)                   | (138)       |
| Eon Silicon Sol. | EN25S20       | [SOP8-150]              | (3095) (*1) |
| Eon Silicon Sol. | EN25S20       | [SOP8-150] (DualSPI)    | (3095) (*1) |
| Eon Silicon Sol. | EN25S20       | [USON8]                 | (3935) (*1) |
| Eon Silicon Sol. | EN25S20       | [VDFN8 2x3]             | (3935) (*1) |
| Eon Silicon Sol. | EN25S20       | [VDFN8 5x6]             | (3097) (*1) |
| Eon Silicon Sol. | EN25S20       | [VDFN8 5x6] (DualSPI)   | (3097) (*1) |
| Eon Silicon Sol. | EN25S20A      | (ISP)                   | (138)       |
| Eon Silicon Sol. | EN25S20A      | [SOP8-150]              | (3095) (*1) |
| Eon Silicon Sol. | EN25S20A      | [SOP8-150] (DualSPI)    | (3095) (*1) |
| Eon Silicon Sol. | EN25S20A      | [USON8]                 | (3935) (*1) |
| Eon Silicon Sol. | EN25S20A      | [VDFN8 5x6]             | (3097) (*1) |
| Eon Silicon Sol. | EN25S20A      | [VDFN8 5x6] (DualSPI)   | (3097) (*1) |
| Eon Silicon Sol. | EN25S20A      | [VSOP8-150]             | (3095) (*1) |
| Eon Silicon Sol. | EN25S20A      | [VSOP8-150] (DualSPI)   | (3095) (*1) |
| Eon Silicon Sol. | EN25S32       | (ISP)                   | (138)       |
| Eon Silicon Sol. | EN25S32       | [SOP16]                 | (3101) (*1) |
| Eon Silicon Sol. | EN25S32       | [SOP8]                  | (3088) (*1) |
| Eon Silicon Sol. | EN25S32       | [TFBGA24]               | (1268) (*1) |
| Eon Silicon Sol. | EN25S32       | [VDFN8]                 | (3097) (*1) |
| Eon Silicon Sol. | EN25S32       | [VSOP8-200]             | (3088) (*1) |
| Eon Silicon Sol. | EN25S32T      | (ISP)                   | (138)       |
| Eon Silicon Sol. | EN25S32T      | [SOP16]                 | (3101) (*1) |
| Eon Silicon Sol. | EN25S32T      | [SOP8]                  | (3088) (*1) |
| Eon Silicon Sol. | EN25S32T      | [VDFN8]                 | (3097) (*1) |
| Eon Silicon Sol. | EN25S40       | [SOP8-150]              | (3095) (*1) |
| Eon Silicon Sol. | EN25S40       | [SOP8-150] (DualSPI)    | (3095) (*1) |
| Eon Silicon Sol. | EN25S40       | [USON8]                 | (3935) (*1) |
| Eon Silicon Sol. | EN25S40       | [VDFN8 2x3]             | (3935) (*1) |
| Eon Silicon Sol. | EN25S40       | [VDFN8 5x6]             | (3097) (*1) |
| Eon Silicon Sol. | EN25S40       | [VDFN8 5x6] (DualSPI)   | (3097) (*1) |
| Eon Silicon Sol. | EN25S40A      | (ISP)                   | (138)       |
| Eon Silicon Sol. | EN25S40A      | [SOP8-150]              | (3095) (*1) |
| Eon Silicon Sol. | EN25S40A      | [SOP8-150] (DualSPI)    | (3095) (*1) |
| Eon Silicon Sol. | EN25S40A      | [USON8]                 | (3935) (*1) |
| Eon Silicon Sol. | EN25S40A      | [VDFN8 5x6]             | (3097) (*1) |
| Eon Silicon Sol. | EN25S40A      | [VDFN8 5x6] (DualSPI)   | (3097) (*1) |
| Eon Silicon Sol. | EN25S40A      | [VSOP8-150]             | (3095) (*1) |
| Eon Silicon Sol. | EN25S40A      | [VSOP8-150] (DualSPI)   | (3095) (*1) |
| Eon Silicon Sol. | EN25S40A(2S)  | [VDFN8 5x6]             | (4117) (*1) |
| Eon Silicon Sol. | EN25S40A(2S)  | [VSOP8-150]             | (3094) (*1) |
| Eon Silicon Sol. | EN25S40T      |                         | (138)       |
| Eon Silicon Sol. | EN25S40T      | (ISP)                   | (138)       |
| Eon Silicon Sol. | EN25S40T      | [SOP8-150]              | (3095) (*1) |
| Eon Silicon Sol. | EN25S40T      | [SOP8-200]              | (3088) (*1) |
| Eon Silicon Sol. | EN25S40T      | [VDFN8]                 | (3097) (*1) |
| Eon Silicon Sol. | EN25S64       | (ISP)                   | (138)       |
| Eon Silicon Sol. | EN25S64       | [SOP8]                  | (3088) (*1) |
| Eon Silicon Sol. | EN25S64       | [SOP8] (DualSPI)        | (3088) (*1) |
| Eon Silicon Sol. | EN25S64       | [VDFN8 6x8]             | (3053) (*1) |
| Eon Silicon Sol. | EN25S64       | [VDFN8 6x8] (DualSPI)   | (3053) (*1) |
| Eon Silicon Sol. | EN25S64       | [VSOP8]                 | (3088) (*1) |
| Eon Silicon Sol. | EN25S64       | [VSOP8] (DualSPI)       | (3088) (*1) |
| Eon Silicon Sol. | EN25S64A      | [SOP8]                  | (3088) (*1) |
| Eon Silicon Sol. | EN25S64A      | [VSOP8]                 | (3088) (*1) |
| Eon Silicon Sol. | EN25S64A      | [VSOP8] (DualSPI)       | (3088) (*1) |
| Eon Silicon Sol. | EN25S64A(2SC) | [VDFN8 5x6]             | (4117) (*1) |
| Eon Silicon Sol. | EN25S80       | [SOP8-150]              | (3095) (*1) |
| Eon Silicon Sol. | EN25S80       | [SOP8-200]              | (3088) (*1) |
| Eon Silicon Sol. | EN25S80       | [VDFN8]                 | (3097) (*1) |
| Eon Silicon Sol. | EN25S80       | [VSOP8-200]             | (3088) (*1) |
| Eon Silicon Sol. | EN25S80A      | [SOP8-150]              | (3095) (*1) |
| Eon Silicon Sol. | EN25S80A      | [SOP8-200]              | (3088) (*1) |
| Eon Silicon Sol. | EN25S80A      | [VDFN8]                 | (3097) (*1) |
| Eon Silicon Sol. | EN25S80A      | [VSOP8-200]             | (3088) (*1) |
| Eon Silicon Sol. | EN25S80B      | [SOP8-150]              | (3095) (*1) |
| Eon Silicon Sol. | EN25S80B      | [SOP8-200]              | (3088) (*1) |
| Eon Silicon Sol. | EN25S80B      | [VDFN8]                 | (3097) (*1) |
| Eon Silicon Sol. | EN25S80B      | [VSOP8-200]             | (3088) (*1) |
| Eon Silicon Sol. | EN25S80B(2S)  | [SOP8-150] (QuadSPI)    | (3094) (*1) |
| Eon Silicon Sol. | EN25S80B(2S)  | [VDFN8 5x6] (QuadSPI)   | (4117) (*1) |
| Eon Silicon Sol. | EN25S80B(2S)  | [VSOP8-150] (QuadSPI)   | (3094) (*1) |

|                  |                          |             |
|------------------|--------------------------|-------------|
| Eon Silicon Sol. | EN25SA10 (ISP)           | (138)       |
| Eon Silicon Sol. | EN25SA10 [SOP8]          | (3095) (*1) |
| Eon Silicon Sol. | EN25SA10 [USON8]         | (3935) (*1) |
| Eon Silicon Sol. | EN25SF80 (ISP)           | (138)       |
| Eon Silicon Sol. | EN25SF80 [SOP8-150]      | (3095) (*1) |
| Eon Silicon Sol. | EN25SF80 [VDFN8]         | (3097) (*1) |
| Eon Silicon Sol. | EN25SF80 [VSOP8-150]     | (3095) (*1) |
| Eon Silicon Sol. | EN25SF80 [VSOP8-200]     | (3088) (*1) |
| Eon Silicon Sol. | EN25T16                  |             |
| Eon Silicon Sol. | EN25T16 (ISP)            | (138)       |
| Eon Silicon Sol. | EN25T16 [SOP16]          | (3101) (*1) |
| Eon Silicon Sol. | EN25T16 [SOP8]           | (3088) (*1) |
| Eon Silicon Sol. | EN25T16 [VDFN8]          | (3097) (*1) |
| Eon Silicon Sol. | EN25T16A                 |             |
| Eon Silicon Sol. | EN25T16A (ISP)           | (138)       |
| Eon Silicon Sol. | EN25T16A [SOP16]         | (3101) (*1) |
| Eon Silicon Sol. | EN25T16A [SOP8]          | (3088) (*1) |
| Eon Silicon Sol. | EN25T16A [VDFN8]         | (3097) (*1) |
| Eon Silicon Sol. | EN25T40                  |             |
| Eon Silicon Sol. | EN25T40 (ISP)            | (138)       |
| Eon Silicon Sol. | EN25T40 [SOP8-150]       | (3095) (*1) |
| Eon Silicon Sol. | EN25T40 [SOP8-200]       | (3088) (*1) |
| Eon Silicon Sol. | EN25T40 [VDFN8]          | (3097) (*1) |
| Eon Silicon Sol. | EN25T80                  |             |
| Eon Silicon Sol. | EN25T80 (ISP)            | (138)       |
| Eon Silicon Sol. | EN25T80 [SOP8-200]       | (3088) (*1) |
| Eon Silicon Sol. | EN25T80 [VDFN8]          | (3097) (*1) |
| Eon Silicon Sol. | EN27C010                 |             |
| Eon Silicon Sol. | EN27C010 [PLCC32]        | (59)        |
| Eon Silicon Sol. | EN27C010 [TSOP32]        | (655)       |
| Eon Silicon Sol. | EN27C020                 |             |
| Eon Silicon Sol. | EN27C020 [PLCC32]        | (59)        |
| Eon Silicon Sol. | EN27C020 [TSOP32]        | (655)       |
| Eon Silicon Sol. | EN27C512                 |             |
| Eon Silicon Sol. | EN27C512 [PLCC32]        | (59)        |
| Eon Silicon Sol. | EN27C512 [TSOP28]        | (54)        |
| Eon Silicon Sol. | EN27LN1G08-25 [BGA63]    | (2690) (*1) |
| Eon Silicon Sol. | EN27LN1G08-25 [TSOP48]   | (1266) (*1) |
| Eon Silicon Sol. | EN27LN1G08B4-25 [TSOP48] | (1266) (*1) |
| Eon Silicon Sol. | EN27LN2G08-25 [TSOP48]   | (1266) (*1) |
| Eon Silicon Sol. | EN27LN4G08-25 [TSOP48]   | (1266) (*1) |
| Eon Silicon Sol. | EN27LV010                |             |
| Eon Silicon Sol. | EN27LV010 [PLCC32]       | (59)        |
| Eon Silicon Sol. | EN27LV010 [TSOP32]       | (655)       |
| Eon Silicon Sol. | EN27LV010B               |             |
| Eon Silicon Sol. | EN27LV010B [PLCC32]      | (59)        |
| Eon Silicon Sol. | EN27LV010B [TSOP32]      | (655)       |
| Eon Silicon Sol. | EN27LV020                |             |
| Eon Silicon Sol. | EN27LV020 [PLCC32]       | (59)        |
| Eon Silicon Sol. | EN27LV020 [TSOP32]       | (655)       |
| Eon Silicon Sol. | EN27LV020B               |             |
| Eon Silicon Sol. | EN27LV020B [PLCC32]      | (59)        |
| Eon Silicon Sol. | EN27LV020B [TSOP32]      | (655)       |
| Eon Silicon Sol. | EN27LV512                |             |
| Eon Silicon Sol. | EN27LV512 [PLCC32]       | (59)        |
| Eon Silicon Sol. | EN27LV512 [TSOP28]       | (54)        |
| Eon Silicon Sol. | EN27LV512B               |             |
| Eon Silicon Sol. | EN27LV512B [PLCC32]      | (59)        |
| Eon Silicon Sol. | EN27LV512B [TSOP28]      | (54)        |
| Eon Silicon Sol. | EN27SN1G08-45 [BGA63]    | (2690) (*1) |
| Eon Silicon Sol. | EN27SN1G16-45 [BGA63]    | (2690) (*1) |
| Eon Silicon Sol. | EN29F002AB               |             |
| Eon Silicon Sol. | EN29F002AB [PLCC32]      | (1399)      |
| Eon Silicon Sol. | EN29F002AB [TSOP32]      | (1414)      |
| Eon Silicon Sol. | EN29F002ANB              |             |
| Eon Silicon Sol. | EN29F002ANB [PLCC32]     | (1399)      |
| Eon Silicon Sol. | EN29F002ANB [TSOP32]     | (1414)      |
| Eon Silicon Sol. | EN29F002ANT              |             |
| Eon Silicon Sol. | EN29F002ANT [PLCC32]     | (1399)      |
| Eon Silicon Sol. | EN29F002ANT [TSOP32]     | (1414)      |
| Eon Silicon Sol. | EN29F002AT               |             |
| Eon Silicon Sol. | EN29F002AT [PLCC32]      | (1399)      |
| Eon Silicon Sol. | EN29F002AT [TSOP32]      | (1414)      |
| Eon Silicon Sol. | EN29F002B                |             |
| Eon Silicon Sol. | EN29F002B [PLCC32]       | (1399)      |
| Eon Silicon Sol. | EN29F002B [TSOP32]       | (1414)      |
| Eon Silicon Sol. | EN29F002NB               |             |
| Eon Silicon Sol. | EN29F002NB [PLCC32]      | (1399)      |
| Eon Silicon Sol. | EN29F002NB [TSOP32]      | (1414)      |
| Eon Silicon Sol. | EN29F002NT               |             |
| Eon Silicon Sol. | EN29F002NT [PLCC32]      | (1399)      |
| Eon Silicon Sol. | EN29F002NT [TSOP32]      | (1414)      |
| Eon Silicon Sol. | EN29F002T                |             |
| Eon Silicon Sol. | EN29F002T [PLCC32]       | (1399)      |
| Eon Silicon Sol. | EN29F002T [TSOP32]       | (1414)      |
| Eon Silicon Sol. | EN29F010                 |             |
| Eon Silicon Sol. | EN29F010 [PLCC32]        | (1399)      |
| Eon Silicon Sol. | EN29F010 [TSOP32 8x14]   | (1412)      |
| Eon Silicon Sol. | EN29F010 [TSOP32 8x20]   | (1414)      |
| Eon Silicon Sol. | EN29F040                 |             |
| Eon Silicon Sol. | EN29F040 [PLCC32]        | (1384)      |
| Eon Silicon Sol. | EN29F040 [TSOP32]        | (1381)      |
| Eon Silicon Sol. | EN29F040A                |             |
| Eon Silicon Sol. | EN29F040A [PLCC32]       | (1384)      |
| Eon Silicon Sol. | EN29F040A [TSOP32]       | (1381)      |
| Eon Silicon Sol. | EN29F080 [TSOP40]        | (1369)      |
| Eon Silicon Sol. | EN29F512                 |             |
| Eon Silicon Sol. | EN29F512 [PLCC32]        | (1399)      |
| Eon Silicon Sol. | EN29F512 [TSOP32 8x14]   | (1412)      |
| Eon Silicon Sol. | EN29F512 [TSOP32 8x20]   | (1414)      |
| Eon Silicon Sol. | EN29F800B [TSOP48]       | (1346)      |
| Eon Silicon Sol. | EN29F800T [TSOP48]       | (1346)      |
| Eon Silicon Sol. | EN29GA128H [FBGA64]      | (938)       |
| Eon Silicon Sol. | EN29GA128L [FBGA64]      | (938)       |
| Eon Silicon Sol. | EN29GA256L [FBGA64]      | (938)       |
| Eon Silicon Sol. | EN29GL032 [TSOP48]       | (1346)      |
| Eon Silicon Sol. | EN29GL064AB [TFBGA48]    | (859)       |
| Eon Silicon Sol. | EN29GL064AB [TSOP48]     | (1346)      |
| Eon Silicon Sol. | EN29GL064AT [TFBGA48]    | (859)       |
| Eon Silicon Sol. | EN29GL064AT [TSOP48]     | (1346)      |
| Eon Silicon Sol. | EN29GL064B [FBGA64]      | (938)       |
| Eon Silicon Sol. | EN29GL064B [TFBGA48]     | (859)       |
| Eon Silicon Sol. | EN29GL064B [TSOP48]      | (1346)      |
| Eon Silicon Sol. | EN29GL064B [TSOP56]      | (3080)      |
| Eon Silicon Sol. | EN29GL064H [FBGA64]      | (938)       |
| Eon Silicon Sol. | EN29GL064H [TSOP48]      | (1346)      |
| Eon Silicon Sol. | EN29GL064H [TSOP56]      | (3080)      |
| Eon Silicon Sol. | EN29GL064L [FBGA64]      | (938)       |
| Eon Silicon Sol. | EN29GL064L [TSOP48]      | (1346)      |
| Eon Silicon Sol. | EN29GL064L [TSOP56]      | (3080)      |
| Eon Silicon Sol. | EN29GL064T [FBGA64]      | (938)       |
| Eon Silicon Sol. | EN29GL064T [TFBGA48]     | (859)       |
| Eon Silicon Sol. | EN29GL064T [TSOP48]      | (1346)      |
| Eon Silicon Sol. | EN29GL064T [TSOP56]      | (3080)      |
| Eon Silicon Sol. | EN29GL128H [FBGA64]      | (938)       |
| Eon Silicon Sol. | EN29GL128H [TSOP56]      | (3080)      |
| Eon Silicon Sol. | EN29GL128L [FBGA64]      | (938)       |
| Eon Silicon Sol. | EN29GL128L [TSOP56]      | (3080)      |

|                  |                             |        |
|------------------|-----------------------------|--------|
| Eon Silicon Sol. | EN29GL256H [FBGA64]         | (938)  |
| Eon Silicon Sol. | EN29GL256H [TSOP56]         | (3080) |
| Eon Silicon Sol. | EN29GL256L [FBGA64]         | (938)  |
| Eon Silicon Sol. | EN29GL256L [TSOP56]         | (3080) |
| Eon Silicon Sol. | EN29LV010 [PLCC32]          | (1399) |
| Eon Silicon Sol. | EN29LV010 [TSOP32 8x14]     | (1412) |
| Eon Silicon Sol. | EN29LV010 [TSOP32 8x20]     | (1414) |
| Eon Silicon Sol. | EN29LV040 [PLCC32]          | (1384) |
| Eon Silicon Sol. | EN29LV040 [TSOP32 8x14]     | (1377) |
| Eon Silicon Sol. | EN29LV040 [TSOP32 8x20]     | (1381) |
| Eon Silicon Sol. | EN29LV040A [PLCC32]         | (1384) |
| Eon Silicon Sol. | EN29LV040A [TSOP32 8x14]    | (1377) |
| Eon Silicon Sol. | EN29LV040A [TSOP32 8x20]    | (1381) |
| Eon Silicon Sol. | EN29LV040J [PLCC32]         | (1384) |
| Eon Silicon Sol. | EN29LV040J [TSOP32]         | (1377) |
| Eon Silicon Sol. | EN29LV160AB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV160ABxxB [FBGA48 new] | (859)  |
| Eon Silicon Sol. | EN29LV160ABxxB [FBGA48 old] | (759)  |
| Eon Silicon Sol. | EN29LV160AT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV160ATxxB [FBGA48 new] | (859)  |
| Eon Silicon Sol. | EN29LV160ATxxB [FBGA48 old] | (759)  |
| Eon Silicon Sol. | EN29LV160B [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29LV160BB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV160BBxxB [FBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV160BT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV160BTxxB [FBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV160BxxB [FBGA48 new]  | (859)  |
| Eon Silicon Sol. | EN29LV160BxxB [FBGA48 old]  | (759)  |
| Eon Silicon Sol. | EN29LV160CB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV160CBxxB [FBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV160CT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV160CTxxB [FBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV160JB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV160JT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV160T [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29LV160TxxB [FBGA48 new]  | (859)  |
| Eon Silicon Sol. | EN29LV160TxxB [FBGA48 old]  | (759)  |
| Eon Silicon Sol. | EN29LV320AB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV320ABxxB [FBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV320AT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV320ATxxB [FBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV320B [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29LV320BB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV320BBxxB [FBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV320BT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV320BTxxB [FBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV320BxxB [FBGA48 new]  | (859)  |
| Eon Silicon Sol. | EN29LV320BxxB [FBGA48 old]  | (759)  |
| Eon Silicon Sol. | EN29LV320CB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV320CBxxB [FBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV320CT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV320CTxxB [FBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV320T [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29LV320TxxB [FBGA48 new]  | (859)  |
| Eon Silicon Sol. | EN29LV320TxxB [FBGA48 old]  | (759)  |
| Eon Silicon Sol. | EN29LV400AB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV400ABxxB [FBGA48 new] | (859)  |
| Eon Silicon Sol. | EN29LV400ABxxB [FBGA48 old] | (759)  |
| Eon Silicon Sol. | EN29LV400ABxxN [wFBGA48]    | (2389) |
| Eon Silicon Sol. | EN29LV400AT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV400ATxxB [FBGA48 new] | (859)  |
| Eon Silicon Sol. | EN29LV400ATxxB [FBGA48 old] | (759)  |
| Eon Silicon Sol. | EN29LV400ATxxN [wFBGA48]    | (2389) |
| Eon Silicon Sol. | EN29LV400B [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29LV400BxxB [FBGA48 new]  | (859)  |
| Eon Silicon Sol. | EN29LV400BxxB [FBGA48 old]  | (759)  |
| Eon Silicon Sol. | EN29LV400JB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV400JT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV400T [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29LV400TxxB [FBGA48 new]  | (859)  |
| Eon Silicon Sol. | EN29LV400TxxB [FBGA48 old]  | (759)  |
| Eon Silicon Sol. | EN29LV512 [PLCC32]          | (1399) |
| Eon Silicon Sol. | EN29LV512 [TSOP32 8x14]     | (1412) |
| Eon Silicon Sol. | EN29LV512 [TSOP32 8x20]     | (1414) |
| Eon Silicon Sol. | EN29LV640AB [TFBGA48]       | (859)  |
| Eon Silicon Sol. | EN29LV640AB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV640AT [TFBGA48]       | (859)  |
| Eon Silicon Sol. | EN29LV640AT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV640B [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29LV640BxxB [TFBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV640H [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29LV640HxxB [TFBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV640L [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29LV640LxxB [TFBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV640T [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29LV640TxxB [TFBGA48]     | (859)  |
| Eon Silicon Sol. | EN29LV641H [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29LV641L [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29LV800AB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV800ABxxB [FBGA48 new] | (859)  |
| Eon Silicon Sol. | EN29LV800ABxxB [FBGA48 old] | (759)  |
| Eon Silicon Sol. | EN29LV800AT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV800ATxxB [FBGA48 new] | (859)  |
| Eon Silicon Sol. | EN29LV800ATxxB [FBGA48 old] | (759)  |
| Eon Silicon Sol. | EN29LV800B [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29LV800BB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV800BBxxB [FBGA48 new] | (859)  |
| Eon Silicon Sol. | EN29LV800BBxxB [FBGA48 old] | (759)  |
| Eon Silicon Sol. | EN29LV800BT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV800BTxxB [FBGA48 new] | (859)  |
| Eon Silicon Sol. | EN29LV800BTxxB [FBGA48 old] | (759)  |
| Eon Silicon Sol. | EN29LV800CB [TFBGA48]       | (859)  |
| Eon Silicon Sol. | EN29LV800CB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV800CT [TFBGA48]       | (859)  |
| Eon Silicon Sol. | EN29LV800CT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV800JB [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV800JT [TSOP48]        | (1346) |
| Eon Silicon Sol. | EN29LV800T [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29PL032 [TSOP48]          | (1346) |
| Eon Silicon Sol. | EN29PL032A [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29PL064 [TSOP48]          | (1346) |
| Eon Silicon Sol. | EN29SL160B [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29SL160BxxB [FBGA48]      | (859)  |
| Eon Silicon Sol. | EN29SL160T [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29SL160TxxB [FBGA48]      | (859)  |
| Eon Silicon Sol. | EN29SL400B [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29SL400BxxB [FBGA48]      | (859)  |
| Eon Silicon Sol. | EN29SL400T [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29SL400TxxB [FBGA48]      | (859)  |
| Eon Silicon Sol. | EN29SL800B [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29SL800BxxB [FBGA48]      | (859)  |
| Eon Silicon Sol. | EN29SL800BxxK [WLGA48]      | (1096) |
| Eon Silicon Sol. | EN29SL800BxxM [wFBGA48]     | (622)  |
| Eon Silicon Sol. | EN29SL800T [TSOP48]         | (1346) |
| Eon Silicon Sol. | EN29SL800TxxB [FBGA48]      | (859)  |
| Eon Silicon Sol. | EN29SL800TxxK [WLGA48]      | (1096) |
| Eon Silicon Sol. | EN29SL800TxxM [wFBGA48]     | (622)  |
| Eon Silicon Sol. | EN39LV010 [PLCC32]          | (1399) |

|                  |                            |               |
|------------------|----------------------------|---------------|
| Eon Silicon Sol. | EN39LV010 [TSOP32]         | (1412)        |
| Eon Silicon Sol. | EN39LV010 [WFBGA34]        | (846)         |
| Eon Silicon Sol. | EN39SL160AH [TFBGA48]      | (859)         |
| Eon Silicon Sol. | EN39SL160AH [WFBGA48]      | (848)         |
| Eon Silicon Sol. | EN39SL160AL [TFBGA48]      | (859)         |
| Eon Silicon Sol. | EN39SL160AL [WFBGA48]      | (848)         |
| Eon Silicon Sol. | EN39SL160H [TFBGA48]       | (859)         |
| Eon Silicon Sol. | EN39SL160H [TSOP48]        | (1346)        |
| Eon Silicon Sol. | EN39SL160H [WFBGA48]       | (848)         |
| Eon Silicon Sol. | EN39SL160L [TFBGA48]       | (859)         |
| Eon Silicon Sol. | EN39SL160L [TSOP48]        | (1346)        |
| Eon Silicon Sol. | EN39SL160L [WFBGA48]       | (848)         |
| Eon Silicon Sol. | EN39SL800 [TFBGA48]        | (859)         |
| Eon Silicon Sol. | EN39SL800 [WFBGA48]        | (848)         |
| Eon Silicon Sol. | EN39SL800 [WGA48]          | (1096)        |
| Eon Silicon Sol. | EN39SL801 [TFBGA48]        | (859)         |
| Eon Silicon Sol. | EN39SL801 [WFBGA48]        | (848)         |
| Eon Silicon Sol. | EN71GL03280 [FBGA56]       | (570)         |
| Eon Silicon Sol. | EN71GL032A0 [FBGA56]       | (570)         |
| Eon Silicon Sol. | EN71GL06480 [FBGA56]       | (570)         |
| Eon Silicon Sol. | EN71GL064B2 [FBGA56]       | (2851)        |
| Eon Silicon Sol. | EN71GL128B0 [FBGA56]       | (570)         |
| Eon Silicon Sol. | EN71GL128B2 [FBGA56]       | (2851)        |
| Eon Silicon Sol. | EN71NS03280 [BGA52]        | (2129)        |
| Eon Silicon Sol. | EN71NS032A0 [BGA56]        | (1240)        |
| Eon Silicon Sol. | EN71NS06480 [BGA56]        | (1240)        |
| Eon Silicon Sol. | EN71NS128B0 [BGA56]        | (1240)        |
| Eon Silicon Sol. | EN71NS128C0 [BGA56]        | (1240)        |
| Eon Silicon Sol. | EN71PL03280 [FBGA56]       | (570)         |
| Eon Silicon Sol. | EN71PL032A0 [FBGA56]       | (570)         |
| Eon Silicon Sol. | EN71PL032A0A [FBGA56]      | (570)         |
| Eon Silicon Sol. | EN71PL064A00xc [FBGA56]    | (570)         |
| Eon Silicon Sol. | EN71SN10E-45 [FBGA107]     | (687)         |
| Eon Silicon Sol. | EN71SN10E-45 [FBGA130]     | (2571) (*1)   |
| Eon Silicon Sol. | EN71SN10F-45 [FBGA107]     | (687)         |
| Eon Silicon Sol. | EN71SN10F-45 [FBGA130]     | (2571) (*1)   |
| Eorex            | EM24LC02 (ISP)             | (138)         |
| Eorex            | EM24LC02 [SOP8]            | (950)         |
| Eorex            | EM93LC46 (x16)             |               |
| Eorex            | EM93LC46 (x16) (ISP)       | (138)         |
| Eorex            | EM93LC46 (x16) [SOIC8]     | (950)         |
| Eorex            | EM93LC46 (x16) [SOIC8-208] | (46)          |
| Eorex            | EM93LC46 (x16) [TSSOP8]    | (121)         |
| Eorex            | EM93LC46 (x8)              |               |
| Eorex            | EM93LC46 (x8) (ISP)        | (138)         |
| Eorex            | EM93LC46 (x8) [SOIC8]      | (950)         |
| Eorex            | EM93LC46 (x8) [SOIC8-208]  | (46)          |
| Eorex            | EM93LC46 (x8) [TSSOP8]     | (121)         |
| Eorex            | EM93LC46J/w (x16) [SOIC8]  | (950)         |
| Eorex            | EM93LC46J/w (x8) [SOIC8]   | (950)         |
| Eorex            | EM93LC56 (x16)             |               |
| Eorex            | EM93LC56 (x16) (ISP)       | (138)         |
| Eorex            | EM93LC56 (x16) [SOIC8]     | (950)         |
| Eorex            | EM93LC56 (x16) [SOIC8-208] | (46)          |
| Eorex            | EM93LC56 (x16) [TSSOP8]    | (121)         |
| Eorex            | EM93LC56 (x8)              |               |
| Eorex            | EM93LC56 (x8) (ISP)        | (138)         |
| Eorex            | EM93LC56 (x8) [SOIC8]      | (950)         |
| Eorex            | EM93LC56 (x8) [SOIC8-208]  | (46)          |
| Eorex            | EM93LC56 (x8) [TSSOP8]     | (121)         |
| Eorex            | EM93LC56J/w (x16) [SOIC8]  | (950)         |
| Eorex            | EM93LC56J/w (x8) [SOIC8]   | (950)         |
| Eorex            | EM93LC57 (x16)             |               |
| Eorex            | EM93LC57 (x16) (ISP)       | (138)         |
| Eorex            | EM93LC57 (x16) [SOIC8]     | (950)         |
| Eorex            | EM93LC57 (x16) [SOIC8-208] | (46)          |
| Eorex            | EM93LC57 (x16) [TSSOP8]    | (121)         |
| Eorex            | EM93LC57 (x8)              |               |
| Eorex            | EM93LC57 (x8) (ISP)        | (138)         |
| Eorex            | EM93LC57 (x8) [SOIC8]      | (950)         |
| Eorex            | EM93LC57 (x8) [SOIC8-208]  | (46)          |
| Eorex            | EM93LC57 (x8) [TSSOP8]     | (121)         |
| Eorex            | EM93LC57J/w (x16) [SOIC8]  | (950)         |
| Eorex            | EM93LC57J/w (x8) [SOIC8]   | (950)         |
| Eorex            | EM93LC66 (x16)             |               |
| Eorex            | EM93LC66 (x16) (ISP)       | (138)         |
| Eorex            | EM93LC66 (x16) [SOIC8]     | (950)         |
| Eorex            | EM93LC66 (x16) [SOIC8-208] | (46)          |
| Eorex            | EM93LC66 (x16) [TSSOP8]    | (121)         |
| Eorex            | EM93LC66 (x8)              |               |
| Eorex            | EM93LC66 (x8) (ISP)        | (138)         |
| Eorex            | EM93LC66 (x8) [SOIC8]      | (950)         |
| Eorex            | EM93LC66 (x8) [SOIC8-208]  | (46)          |
| Eorex            | EM93LC66 (x8) [TSSOP8]     | (121)         |
| Eorex            | EM93LC66J/w (x16) [SOIC8]  | (950)         |
| Eorex            | EM93LC66J/w (x8) [SOIC8]   | (950)         |
| Eorex            | EM93LC86 (x16)             |               |
| Eorex            | EM93LC86 (x16) (ISP)       | (138)         |
| Eorex            | EM93LC86 (x16) [SOIC8]     | (950)         |
| Eorex            | EM93LC86 (x16) [SOIC8-208] | (46)          |
| Eorex            | EM93LC86 (x16) [TSSOP8]    | (121)         |
| Eorex            | EM93LC86 (x8)              |               |
| Eorex            | EM93LC86 (x8) (ISP)        | (138)         |
| Eorex            | EM93LC86 (x8) [SOIC8]      | (950)         |
| Eorex            | EM93LC86 (x8) [SOIC8-208]  | (46)          |
| Eorex            | EM93LC86 (x8) [TSSOP8]     | (121)         |
| Eorex            | EM93LC86J/w (x16) [SOIC8]  | (950)         |
| Eorex            | EM93LC86J/w (x8) [SOIC8]   | (950)         |
| Epson            | SLC17501 [TQFP14-100]      | (2434) (9999) |
| Epson            | SLC17501 [TQFP15-128]      | (2435) (9999) |
| Epson            | SLC17601 [TQFP13-64]       | (2604) (9999) |
| Epson            | SLC17602 [TQFP14-100]      | (2434) (9999) |
| Epson            | SLC17604 [TQFP14-100]      | (2434) (9999) |
| Epson            | SLC17611 [QFP12-48]        | (2605) (9999) |
| Epson            | SLC17621 [TQFP14-100]      | (2434) (9999) |
| Epson            | SLC17622 [TQFP15-128]      | (2435) (9999) |
| Epson            | SLC17624 [TQFP15-128]      | (2435) (9999) |
| Epson            | SLC17701 [QFP24-144]       | (2299) (9999) |
| Epson            | SLC17701 [VFBGA10H-144]    | (2371) (9999) |
| Epson            | SLC17701 [VFBGA7H-161]     | (2373) (9999) |
| Epson            | SLC17702 [QFP21-176]       | (2374) (9999) |
| Epson            | SLC17702 [VFBGA8H-181]     | (2433) (9999) |
| Epson            | SLC17703 [QFP21-216]       | (2383) (9999) |
| Epson            | SLC17704 [QFP24-144]       | (2299) (9999) |
| Epson            | SLC17704 [VFBGA6U96]       | (2372) (9999) |
| Epson            | SLC17704 [VFBGA10H-144]    | (2371) (9999) |
| Epson            | SLC17704 [VFBGA7H-161]     | (2373) (9999) |
| Epson            | SLC17705 [QFP23-240]       | (2375) (9999) |
| Epson            | SLC17711 [TQFP15-128]      | (2435) (9999) |
| Epson            | SLC17801 [TQFP15-128]      | (2435) (9999) |
| ESIGMA           | ES27LN1G08-25 [TSOP48]     | (1266) (*1)   |
| ESIGMA           | ES71SN10F-45 [FBGA130]     | (2571) (*1)   |
| ESMT             | EN25F10A (ISP)             | (138)         |
| ESMT             | EN25F10A [SOP8]            | (3094) (*1)   |
| ESMT             | EN25F10A [USON8]           | (3935) (*1)   |
| ESMT             | EN25F10A [VDFN8 5x6]       | (4117) (*1)   |
| ESMT             | EN25F10A [VSOP8-150]       | (3094) (*1)   |
| ESMT             | EN25F20A (ISP)             | (138)         |

|      |                 |                         |              |
|------|-----------------|-------------------------|--------------|
| ESMT | EN25F20A        | [SOP8]                  | (3094) (*1)  |
| ESMT | EN25F20A        | [USON8]                 | (3935) (*1)  |
| ESMT | EN25F20A        | [VDFN8 5x6]             | (4117) (*1)  |
| ESMT | EN25F20A        | [VSOP8-150]             | (3094) (*1)  |
| ESMT | EN25Q32C        | (ISP)                   | (138)        |
| ESMT | EN25Q32C        | [SOP8]                  | (3088) (*1)  |
| ESMT | EN25Q32C(2B)    | [SOP8-200] (QuadSPI)    | (3087) (*1)  |
| ESMT | EN25Q32C(2C)    | [SOP8-200] (QuadSPI)    | (3087) (*1)  |
| ESMT | EN25Q40A        | (ISP)                   | (138)        |
| ESMT | EN25Q40A        | [SOP8-150]              | (3094) (*1)  |
| ESMT | EN25Q40A        | [SOP8-150] (QuadSPI)    | (3095) (*1)  |
| ESMT | EN25Q40A        | [SOP8-200]              | (3087) (*1)  |
| ESMT | EN25Q40A        | [SOP8-200] (QuadSPI)    | (3088) (*1)  |
| ESMT | EN25Q40A        | [USON8]                 | (3935) (*1)  |
| ESMT | EN25Q40A        | [VDFN8]                 | (4117) (*1)  |
| ESMT | EN25Q40A        | [VDFN8] (QuadSPI)       | (3097) (*1)  |
| ESMT | EN25Q40A        | [VSOP8-150]             | (3094) (*1)  |
| ESMT | EN25Q40B(2X)    | [SOP8-150]              | (3094) (*1)  |
| ESMT | EN25Q40B(2X)    | [SOP8-150] (QuadSPI)    | (3094) (*1)  |
| ESMT | EN25Q80B        | (ISP)                   | (138)        |
| ESMT | EN25Q80B        | [SOP8-150]              | (3094) (*1)  |
| ESMT | EN25Q80B        | [SOP8-150] (QuadSPI)    | (3095) (*1)  |
| ESMT | EN25Q80B        | [SOP8-200]              | (3087) (*1)  |
| ESMT | EN25Q80B        | [SOP8-200] (QuadSPI)    | (3088) (*1)  |
| ESMT | EN25Q80B        | [USON8]                 | (3935) (*1)  |
| ESMT | EN25Q80B        | [VDFN8]                 | (4117) (*1)  |
| ESMT | EN25Q80B        | [VDFN8] (QuadSPI)       | (4117) (*1)  |
| ESMT | EN25Q80B        | [VSOP8-150]             | (3094) (*1)  |
| ESMT | EN25Q80B        | [VSOP8-150] (QuadSPI)   | (3094) (*1)  |
| ESMT | EN25Q80C(2A)    | [SOP8-200] (QuadSPI)    | (3087) (*1)  |
| ESMT | EN25QA64A       | (ISP)                   | (138) (9997) |
| ESMT | EN25QA64A       | [SOP8]                  | (3087) (*1)  |
| ESMT | EN25QA64A       | [TFBGA24 6x8]           | (1268) (*1)  |
| ESMT | EN25QH128A      | (ISP)                   | (138)        |
| ESMT | EN25QH128A      | [SOP16]                 | (3100) (*1)  |
| ESMT | EN25QH128A      | [SOP16] (QuadSPI)       | (3100) (*1)  |
| ESMT | EN25QH128A      | [SOP8] (QuadSPI)        | (3088) (*1)  |
| ESMT | EN25QH128A      | [SOP8-200]              | (3087) (*1)  |
| ESMT | EN25QH128A      | [TFBGA24 6x8] (QuadSPI) | (1268) (*1)  |
| ESMT | EN25QH128A      | [VDFN8 5x6]             | (4117) (*1)  |
| ESMT | EN25QH128A      | [VDFN8 5x6] (QuadSPI)   | (4117) (*1)  |
| ESMT | EN25QH128A      | [VDFN8 6x8]             | (3926) (*1)  |
| ESMT | EN25QH128A      | [VDFN8 6x8] (QuadSPI)   | (3926) (*1)  |
| ESMT | EN25QH128A      | [VSOP8]                 | (3087) (*1)  |
| ESMT | EN25QH128A      | [VSOP8] (QuadSPI)       | (3088) (*1)  |
| ESMT | EN25QH128A(2T)  | [SOP8-200]              | (3087) (*1)  |
| ESMT | EN25QH128A(2T)  | [SOP8-200] (QuadSPI)    | (3087) (*1)  |
| ESMT | EN25QH128A(2TC) | [SOP8-200]              | (3087) (*1)  |
| ESMT | EN25QH128A(2TC) | [SOP8-200] (QuadSPI)    | (3087) (*1)  |
| ESMT | EN25QH128A(2TC) | [VDFN8 5x6]             | (4117) (*1)  |
| ESMT | EN25QH128A(2TC) | [VDFN8 5x6] (QuadSPI)   | (4117) (*1)  |
| ESMT | EN25QH16A       | [SOP8-150]              | (3094) (*1)  |
| ESMT | EN25QH16A       | [SOP8-200]              | (3087) (*1)  |
| ESMT | EN25QH16A       | [VSOP8-150]             | (3094) (*1)  |
| ESMT | EN25QH32A       | [SOP16]                 | (3100) (*1)  |
| ESMT | EN25QH32A       | [SOP16] (DualSPI)       | (3100) (*1)  |
| ESMT | EN25QH32A       | [SOP16] (QuadSPI)       | (3100) (*1)  |
| ESMT | EN25QH32A       | [SOP8]                  | (3087) (*1)  |
| ESMT | EN25QH32A       | [SOP8] (DualSPI)        | (3088) (*1)  |
| ESMT | EN25QH32A       | [SOP8] (QuadSPI)        | (3088) (*1)  |
| ESMT | EN25QH32A       | [VDFN8 5x6] (QuadSPI)   | (4117) (*1)  |
| ESMT | EN25QH32A       | [VDFN8]                 | (4117) (*1)  |
| ESMT | EN25QH32A       | [VDFN8] (DualSPI)       | (4117) (*1)  |
| ESMT | EN25QH64A       | (ISP)                   | (138)        |
| ESMT | EN25QH64A       | [BGA24 6x8]             | (1268) (*1)  |
| ESMT | EN25QH64A       | [SOP16]                 | (3100) (*1)  |
| ESMT | EN25QH64A       | [SOP16] (QuadSPI)       | (3100) (*1)  |
| ESMT | EN25QH64A       | [SOP8]                  | (3087) (*1)  |
| ESMT | EN25QH64A       | [SOP8] (QuadSPI)        | (3088) (*1)  |
| ESMT | EN25QH64A       | [TFBGA24 6x8] (QuadSPI) | (1268) (*1)  |
| ESMT | EN25QH64A       | [VDFN8 5x6]             | (4117) (*1)  |
| ESMT | EN25QH64A       | [VDFN8 5x6] (QuadSPI)   | (4117) (*1)  |
| ESMT | EN25QH64A(2YC)  | (ISP)                   | (138)        |
| ESMT | EN25QH64A(2YC)  | [BGA24 6x8]             | (1268) (*1)  |
| ESMT | EN25QH64A(2YC)  | [SOP16]                 | (3101) (*1)  |
| ESMT | EN25QH64A(2YC)  | [SOP16] (QuadSPI)       | (3101) (*1)  |
| ESMT | EN25QH64A(2YC)  | [SOP8]                  | (3088) (*1)  |
| ESMT | EN25QH64A(2YC)  | [SOP8] (QuadSPI)        | (3088) (*1)  |
| ESMT | EN25QH64A(2YC)  | [TFBGA24 6x8] (QuadSPI) | (1268) (*1)  |
| ESMT | EN25QH64A(2YC)  | [VDFN8 5x6]             | (3097) (*1)  |
| ESMT | EN25QH64A(2YC)  | [VDFN8 5x6] (QuadSPI)   | (3097) (*1)  |
| ESMT | EN25S10A        | (ISP)                   | (138)        |
| ESMT | EN25S10A        | [SOP8]                  | (3094) (*1)  |
| ESMT | EN25S10A        | [USON8]                 | (3935) (*1)  |
| ESMT | EN25S10A        | [VDFN8]                 | (3935) (*1)  |
| ESMT | EN25S16B(2S)    | [SOP8-150] (QuadSPI)    | (3094) (*1)  |
| ESMT | EN25S16B(2S)    | [SOP8-200] (QuadSPI)    | (3087) (*1)  |
| ESMT | EN25S16B(2S)    | [VDFN8] (QuadSPI)       | (4117) (*1)  |
| ESMT | EN25S16B(2S)    | [VSOP8-150] (QuadSPI)   | (3094) (*1)  |
| ESMT | EN25S20A        | (ISP)                   | (138)        |
| ESMT | EN25S20A        | [SOP8-150]              | (3094) (*1)  |
| ESMT | EN25S20A        | [SOP8-150] (DualSPI)    | (3095) (*1)  |
| ESMT | EN25S20A        | [USON8]                 | (3935) (*1)  |
| ESMT | EN25S20A        | [VDFN8 5x6]             | (4117) (*1)  |
| ESMT | EN25S20A        | [VDFN8 5x6] (DualSPI)   | (4117) (*1)  |
| ESMT | EN25S20A        | [VSOP8-150]             | (3094) (*1)  |
| ESMT | EN25S20A        | [VSOP8-150] (DualSPI)   | (3094) (*1)  |
| ESMT | EN25S32         | (ISP)                   | (138)        |
| ESMT | EN25S32         | [SOP16]                 | (3100) (*1)  |
| ESMT | EN25S32         | [SOP8]                  | (3087) (*1)  |
| ESMT | EN25S32         | [TFBGA24]               | (1268) (*1)  |
| ESMT | EN25S32         | [VDFN8]                 | (4117) (*1)  |
| ESMT | EN25S32         | [VSOP8-200]             | (3087) (*1)  |
| ESMT | EN25S32A(2S)    | [SOP8-200] (QuadSPI)    | (3087) (*1)  |
| ESMT | EN25S32A(2S)    | [VDFN8] (QuadSPI)       | (4117) (*1)  |
| ESMT | EN25S40A        | (ISP)                   | (138)        |
| ESMT | EN25S40A        | [SOP8-150]              | (3094) (*1)  |
| ESMT | EN25S40A        | [SOP8-150] (DualSPI)    | (3095) (*1)  |
| ESMT | EN25S40A        | [USON8]                 | (3935) (*1)  |
| ESMT | EN25S40A        | [VDFN8 5x6]             | (4117) (*1)  |
| ESMT | EN25S40A        | [VDFN8 5x6] (DualSPI)   | (4117) (*1)  |
| ESMT | EN25S40A        | [VSOP8-150]             | (3094) (*1)  |
| ESMT | EN25S40A        | [VSOP8-150] (DualSPI)   | (3094) (*1)  |
| ESMT | EN25S40A(2S)    | [SOP8-150]              | (3094) (*1)  |
| ESMT | EN25S64A(2SC)   | [SOP8]                  | (3087) (*1)  |
| ESMT | EN25S64A(2SC)   | [VSOP8]                 | (3087) (*1)  |
| ESMT | EN25S80A        | [SOP8-150]              | (3094) (*1)  |
| ESMT | EN25S80A        | [SOP8-200]              | (3087) (*1)  |
| ESMT | EN25S80A        | [VDFN8]                 | (4117) (*1)  |
| ESMT | EN25S80A        | [VSOP8-200]             | (3087) (*1)  |
| ESMT | EN25S80B(2S)    | [SOP8-200] (QuadSPI)    | (3087) (*1)  |
| ESMT | F25D02PA        | (ISP)                   | (138)        |
| ESMT | F25D02PA        | [SOIC8-150]             | (3095) (*1)  |
| ESMT | F25D02PA        | [SOIC8-150] (DualSPI)   | (3095) (*1)  |

|      |              |                       |        |      |
|------|--------------|-----------------------|--------|------|
| ESMT | F25D02PA     | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25D02PA     | [WSON8 5x6]           | (3097) | (*1) |
| ESMT | F25D02PA     | [WSON8 5x6] (DualSPI) | (3097) | (*1) |
| ESMT | F25D02QA     | (ISP)                 | (138)  |      |
| ESMT | F25D02QA     | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25D04PA     | (ISP)                 | (138)  |      |
| ESMT | F25D04PA     | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25D04PA     | [SOIC8-150] (DualSPI) | (3095) | (*1) |
| ESMT | F25D04PA     | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25D04PA     | [WSON8 5x6]           | (3097) | (*1) |
| ESMT | F25D04PA     | [WSON8 5x6] (DualSPI) | (3097) | (*1) |
| ESMT | F25D04QA     | (ISP)                 | (138)  |      |
| ESMT | F25D04QA     | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25D04QA     | [VSOP8-150]           | (3095) | (*1) |
| ESMT | F25D04QA     | [WSON8]               | (3097) | (*1) |
| ESMT | F25D08QA     | (ISP)                 | (138)  |      |
| ESMT | F25D08QA     | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25D08QA     | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25D08QA     | [VSOP8-150]           | (3095) | (*1) |
| ESMT | F25D08QA     | [WSON8]               | (3097) | (*1) |
| ESMT | F25D128QA    | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25D128QA    | [VSOP8-200]           | (3088) | (*1) |
| ESMT | F25D128QA    | [WSON8]               | (3097) | (*1) |
| ESMT | F25D64QA     | (ISP)                 | (138)  |      |
| ESMT | F25D64QA     | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25D64QA     | [SOIC8-200] (DualSPI) | (3088) | (*1) |
| ESMT | F25D64QA     | [VSOP8-200]           | (3088) | (*1) |
| ESMT | F25D64QA     | [VSOP8-200] (DualSPI) | (3088) | (*1) |
| ESMT | F25D64QA     | [WSON8 5x6] (DualSPI) | (3097) | (*1) |
| ESMT | F25D64QA     | [WSON8]               | (3097) | (*1) |
| ESMT | F25L004A     |                       |        |      |
| ESMT | F25L004A     | (ISP)                 | (138)  |      |
| ESMT | F25L004A     | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L004A     | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25L008A     |                       |        |      |
| ESMT | F25L008A     | (ISP)                 | (138)  |      |
| ESMT | F25L008A     | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L008A     | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25L016A     |                       |        |      |
| ESMT | F25L016A     | (ISP)                 | (138)  |      |
| ESMT | F25L016A     | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L016A     | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25L01PA     |                       |        |      |
| ESMT | F25L01PA     | (ISP)                 | (138)  |      |
| ESMT | F25L01PA     | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L01PA     | [SOIC8-150] (DualSPI) | (3095) | (*1) |
| ESMT | F25L01PA     | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25L01PA     | [SOIC8-200] (DualSPI) | (3088) | (*1) |
| ESMT | F25L01PA     | [WSON8]               | (3097) | (*1) |
| ESMT | F25L01PA     | [WSON8] (DualSPI)     | (3097) | (*1) |
| ESMT | F25L01PA(2D) | (ISP)                 | (138)  |      |
| ESMT | F25L01PA(2D) | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L01PA(2D) | [SOIC8-150] (DualSPI) | (3095) | (*1) |
| ESMT | F25L01PA(2D) | [TSSOP8]              | (1388) |      |
| ESMT | F25L01PA(2D) | [TSSOP8] (DualSPI)    | (1388) |      |
| ESMT | F25L01PTA    |                       |        |      |
| ESMT | F25L01PTA    | (ISP)                 | (138)  |      |
| ESMT | F25L01PTA    | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L01PTA    | [SOIC8-150] (DualSPI) | (3095) | (*1) |
| ESMT | F25L01PTA    | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25L01PTA    | [SOIC8-200] (DualSPI) | (3088) | (*1) |
| ESMT | F25L01PTA    | [WSON8]               | (3097) | (*1) |
| ESMT | F25L01PTA    | [WSON8] (DualSPI)     | (3097) | (*1) |
| ESMT | F25L02PA     |                       |        |      |
| ESMT | F25L02PA     | (ISP)                 | (138)  |      |
| ESMT | F25L02PA     | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L02PA     | [SOIC8-150] (DualSPI) | (3095) | (*1) |
| ESMT | F25L02PA     | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25L02PA     | [SOIC8-200] (DualSPI) | (3088) | (*1) |
| ESMT | F25L02PA     | [USON8]               | (3935) | (*1) |
| ESMT | F25L02PA     | [WSON8]               | (3097) | (*1) |
| ESMT | F25L02PA     | [WSON8] (DualSPI)     | (3097) | (*1) |
| ESMT | F25L02PA(2F) | (ISP)                 | (138)  |      |
| ESMT | F25L02PA(2F) | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L02PA(2F) | [SOIC8-150] (DualSPI) | (3095) | (*1) |
| ESMT | F25L02PA(2F) | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25L02PA(2F) | [SOIC8-200] (DualSPI) | (3088) | (*1) |
| ESMT | F25L02PA(2F) | [WSON8]               | (3097) | (*1) |
| ESMT | F25L02PA(2F) | [WSON8] (DualSPI)     | (3097) | (*1) |
| ESMT | F25L02PTA    |                       |        |      |
| ESMT | F25L02PTA    | (ISP)                 | (138)  |      |
| ESMT | F25L02PTA    | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L02PTA    | [SOIC8-150] (DualSPI) | (3095) | (*1) |
| ESMT | F25L02PTA    | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25L02PTA    | [SOIC8-200] (DualSPI) | (3088) | (*1) |
| ESMT | F25L02PTA    | [WSON8]               | (3097) | (*1) |
| ESMT | F25L02PTA    | [WSON8] (DualSPI)     | (3097) | (*1) |
| ESMT | F25L04PA     |                       |        |      |
| ESMT | F25L04PA     | (ISP)                 | (138)  |      |
| ESMT | F25L04PA     | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L04PA     | [SOIC8-150] (DualSPI) | (3095) | (*1) |
| ESMT | F25L04PA     | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25L04PA     | [SOIC8-200] (DualSPI) | (3088) | (*1) |
| ESMT | F25L04PA     | [WSON8]               | (3097) | (*1) |
| ESMT | F25L04PA(2D) | (ISP)                 | (138)  |      |
| ESMT | F25L04PA(2D) | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L04PA(2D) | [SOIC8-150] (DualSPI) | (3095) | (*1) |
| ESMT | F25L04PA(2D) | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25L04PA(2D) | [SOIC8-200] (DualSPI) | (3088) | (*1) |
| ESMT | F25L04PA(2D) | [WSON8]               | (3097) | (*1) |
| ESMT | F25L04PA(2D) | [WSON8] (DualSPI)     | (3097) | (*1) |
| ESMT | F25L04PTA    |                       |        |      |
| ESMT | F25L04PTA    | (ISP)                 | (138)  |      |
| ESMT | F25L04PTA    | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L04PTA    | [SOIC8-150] (DualSPI) | (3095) | (*1) |
| ESMT | F25L04PTA    | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25L04PTA    | [SOIC8-200] (DualSPI) | (3088) | (*1) |
| ESMT | F25L04PTA    | [WSON8]               | (3097) | (*1) |
| ESMT | F25L04PTA    | [WSON8] (DualSPI)     | (3097) | (*1) |
| ESMT | F25L04UA     | (ISP)                 | (138)  |      |
| ESMT | F25L04UA     | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L05PA(2D) | (ISP)                 | (138)  |      |
| ESMT | F25L05PA(2D) | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L05PA(2D) | [SOIC8-150] (DualSPI) | (3095) | (*1) |
| ESMT | F25L05PA(2D) | [TSSOP8]              | (1388) |      |
| ESMT | F25L08PA     |                       |        |      |
| ESMT | F25L08PA     | (ISP)                 | (138)  |      |
| ESMT | F25L08PA     | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L08PA     | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25L08PA(2G) |                       |        |      |
| ESMT | F25L08PA(2G) | (ISP)                 | (138)  |      |
| ESMT | F25L08PA(2G) | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L08PA(2G) | [SOIC8-200]           | (3088) | (*1) |
| ESMT | F25L08PA(2G) | [SOIC8-200] (DualSPI) | (3088) | (*1) |
| ESMT | F25L08PA(2G) | [WSON8]               | (3097) | (*1) |
| ESMT | F25L08QA(2S) | (ISP)                 | (138)  |      |
| ESMT | F25L08QA(2S) | [SOIC8-150]           | (3095) | (*1) |
| ESMT | F25L08QA(2S) | [SOIC8-200]           | (3088) | (*1) |

|      |                                    |             |
|------|------------------------------------|-------------|
| ESMT | F25L08QA(2S) [wSON8]               | (3097) (*1) |
| ESMT | F25L128QA (ISP)                    | (138)       |
| ESMT | F25L128QA [SOIC16]                 | (3101) (*1) |
| ESMT | F25L128QA [SOIC8-200]              | (3088) (*1) |
| ESMT | F25L128QA [VSOP8-200]              | (3088) (*1) |
| ESMT | F25L128QA [wSON8]                  | (3097) (*1) |
| ESMT | F25L16PA                           |             |
| ESMT | F25L16PA (ISP)                     | (138)       |
| ESMT | F25L16PA [SOIC8-150]               | (3095) (*1) |
| ESMT | F25L16PA [SOIC8-200]               | (3088) (*1) |
| ESMT | F25L16PA(2S)                       |             |
| ESMT | F25L16PA(2S) (ISP)                 | (138)       |
| ESMT | F25L16PA(2S) [SOIC16]              | (3101) (*1) |
| ESMT | F25L16PA(2S) [SOIC16] (DualSPI)    | (3101) (*1) |
| ESMT | F25L16PA(2S) [SOIC8-150]           | (3095) (*1) |
| ESMT | F25L16PA(2S) [SOIC8-150] (DualSPI) | (3095) (*1) |
| ESMT | F25L16PA(2S) [SOIC8-200]           | (3088) (*1) |
| ESMT | F25L16PA(2S) [SOIC8-200] (DualSPI) | (3088) (*1) |
| ESMT | F25L16PA(2S) [wSON8]               | (3097) (*1) |
| ESMT | F25L16PA(2S) [wSON8] (DualSPI)     | (3097) (*1) |
| ESMT | F25L16QA (ISP)                     | (138)       |
| ESMT | F25L16QA(2S)                       |             |
| ESMT | F25L16QA(2S) [SOIC16]              | (3101) (*1) |
| ESMT | F25L16QA(2S) [SOIC8-150]           | (3095) (*1) |
| ESMT | F25L16QA(2S) [SOIC8-200]           | (3088) (*1) |
| ESMT | F25L16QA(2S) [wSON8]               | (3097) (*1) |
| ESMT | F25L32PA (ISP)                     | (138)       |
| ESMT | F25L32PA [SOIC16]                  | (3101) (*1) |
| ESMT | F25L32PA [SOIC16] (DualSPI)        | (3101) (*1) |
| ESMT | F25L32PA [SOIC8-200]               | (3088) (*1) |
| ESMT | F25L32PA [SOIC8-200] (DualSPI)     | (3088) (*1) |
| ESMT | F25L32PA(2S) (ISP)                 | (138)       |
| ESMT | F25L32PA(2S) [SOIC16]              | (3101) (*1) |
| ESMT | F25L32PA(2S) [SOIC8-200]           | (3088) (*1) |
| ESMT | F25L32PA(2S) [wSON8]               | (3097) (*1) |
| ESMT | F25L32QA (ISP)                     | (138)       |
| ESMT | F25L32QA [SOIC16]                  | (3101) (*1) |
| ESMT | F25L32QA [SOIC16] (DualSPI)        | (3101) (*1) |
| ESMT | F25L32QA [SOIC16] (QuadSPI)        | (3101) (*1) |
| ESMT | F25L32QA [SOIC8-200]               | (3088) (*1) |
| ESMT | F25L32QA [SOIC8-200] (DualSPI)     | (3088) (*1) |
| ESMT | F25L32QA [SOIC8-200] (QuadSPI)     | (3088) (*1) |
| ESMT | F25L32QA(2S)                       | (3097) (*1) |
| ESMT | F25L32QA(2S) (ISP)                 | (138)       |
| ESMT | F25L32QA(2S) [SOIC16]              | (3101) (*1) |
| ESMT | F25L32QA(2S) [SOIC16] (DualSPI)    | (3101) (*1) |
| ESMT | F25L32QA(2S) [SOIC8-200]           | (3088) (*1) |
| ESMT | F25L32QA(2S) [SOIC8-200] (DualSPI) | (3088) (*1) |
| ESMT | F25L32QA(2S) [wSON8]               | (3097) (*1) |
| ESMT | F25L32QA(2S) [wSON8] (DualSPI)     | (3097) (*1) |
| ESMT | F25L64PA (ISP)                     | (138)       |
| ESMT | F25L64PA [SOIC16]                  | (3101) (*1) |
| ESMT | F25L64PA [SOIC16] (DualSPI)        | (3101) (*1) |
| ESMT | F25L64PA [SOIC8-200]               | (3088) (*1) |
| ESMT | F25L64PA [SOIC8-200] (DualSPI)     | (3088) (*1) |
| ESMT | F25L64PA [wSON8]                   | (3097) (*1) |
| ESMT | F25L64QA (ISP)                     | (138)       |
| ESMT | F25L64QA [BGA24 6x8]               | (1268) (*1) |
| ESMT | F25L64QA [BGA24] (DualSPI)         | (1268) (*1) |
| ESMT | F25L64QA [SOIC16]                  | (3101) (*1) |
| ESMT | F25L64QA [SOIC16] (DualSPI)        | (3101) (*1) |
| ESMT | F25L64QA [SOIC8-200]               | (3088) (*1) |
| ESMT | F25L64QA [SOIC8-200] (DualSPI)     | (3088) (*1) |
| ESMT | F25L64QA [VSOP8-200]               | (3088) (*1) |
| ESMT | F25L64QA [VSOP8-200] (DualSPI)     | (3088) (*1) |
| ESMT | F25L64QA [wSON8]                   | (3097) (*1) |
| ESMT | F25L64QA [wSON8] (DualSPI)         | (3097) (*1) |
| ESMT | F29L064BGA [TSOP48]                | (1346)      |
| ESMT | F29L064UGA [TSOP48]                | (1346)      |
| ESMT | F49B002UA                          |             |
| ESMT | F49B002UA [PLCC32]                 | (1399)      |
| ESMT | F49L004BA [PLCC32]                 | (1384)      |
| ESMT | F49L004BA [TSOP40]                 | (1368)      |
| ESMT | F49L004UA [PLCC32]                 | (1384)      |
| ESMT | F49L004UA [TSOP40]                 | (1368)      |
| ESMT | F49L040A [PLCC32]                  | (1384)      |
| ESMT | F49L040A [TSOP32]                  | (1377)      |
| ESMT | F49L160BA [TSOP48]                 | (1346)      |
| ESMT | F49L160UA [TSOP48]                 | (1346)      |
| ESMT | F49L320BA [TSOP48]                 | (1346)      |
| ESMT | F49L320UA [TSOP48]                 | (1346)      |
| ESMT | F49L400BA [TSOP48]                 | (1346)      |
| ESMT | F49L400UA [TSOP48]                 | (1346)      |
| ESMT | F49L800BA [TSOP48]                 | (1346)      |
| ESMT | F49L800UA [TSOP48]                 | (1346)      |
| ESMT | F50D1G41LB [wSON8]                 | (4971)      |
| ESMT | F50L1G41A [LGA8]                   | (4914) (*1) |
| ESMT | F50L1G41LB [wSON8]                 | (4914) (*1) |
| ESMT | F50L2G41LB [wSON8]                 | (4914) (*1) |
| ESMT | F50L2G41XA [LGA8]                  | (4914) (*1) |
| ESMT | F59D1G81A-45 [BGA63]               | (2690) (*1) |
| ESMT | F59D1G81A-45 [TSOP48]              | (1266) (*1) |
| ESMT | F59D1G81LB-45 [BGA63]              | (2690) (*1) |
| ESMT | F59D1G81LB-45 [BGA67]              | (3126)      |
| ESMT | F59D1G81MB-45 [BGA63]              | (2690) (*1) |
| ESMT | F59D1G81MB-45 [BGA67]              | (3126)      |
| ESMT | F59D2G81A-45 [TSOP48]              | (1266) (*1) |
| ESMT | F59D2G81XA-45 [BGA63]              | (3121)      |
| ESMT | F59D4G81A-45 [TSOP48]              | (1266) (*1) |
| ESMT | F59D4G81WA-45 [BGA63]              | (2690) (*1) |
| ESMT | F59D4G81XA-45 [BGA63]              | (2690) (*1) |
| ESMT | F59L1G81A-25 [BGA63]               | (2690) (*1) |
| ESMT | F59L1G81A-25 [TSOP48]              | (1266) (*1) |
| ESMT | F59L1G81A-25 [TSOP48] (T&W-01)     | (1266) (*1) |
| ESMT | F59L1G81LA-25 [TSOP48]             | (1266) (*1) |
| ESMT | F59L1G81LB-25 [BGA63]              | (2690) (*1) |
| ESMT | F59L1G81LB-25 [BGA67]              | (3126)      |
| ESMT | F59L1G81LB-25 [TSOP48]             | (1266) (*1) |
| ESMT | F59L1G81MA-25 [BGA63]              | (2690) (*1) |
| ESMT | F59L1G81MA-25 [BGA67]              | (3126)      |
| ESMT | F59L1G81MA-25 [TSOP48]             | (1266) (*1) |
| ESMT | F59L1G81MB-25 [BGA63]              | (2690) (*1) |
| ESMT | F59L1G81MB-25 [BGA67]              | (3126)      |
| ESMT | F59L1G81MB-25 [TSOP48]             | (1266) (*1) |
| ESMT | F59L1G81QA-25 [TSOP48]             | (1266) (*1) |
| ESMT | F59L2G81A-25 [BGA63]               | (2690) (*1) |
| ESMT | F59L2G81A-25 [TSOP48]              | (1266) (*1) |
| ESMT | F59L2G81LA-25 [TSOP48]             | (1266) (*1) |
| ESMT | F59L2G81XA-25 [BGA63]              | (3121)      |
| ESMT | F59L2G81XA-25 [TSOP48]             | (1266) (*1) |
| ESMT | F59L4G81A-25 [TSOP48]              | (1266) (*1) |
| ESMT | F59L4G81CA-25 [TSOP48]             | (1266) (*1) |
| ESMT | FM60D1G12A-6BE [BGA107]            | (687)       |
| ESMT | FM60D1G12MA-6BE [BGA107]           | (687)       |
| ESMT | FM60D1G56A-6BE [BGA107]            | (687)       |
| ESMT | FM61D1G12A-5BE [BGA107]            | (687)       |
| ESMT | FM61D1G12LA-5BE [BGA107]           | (687)       |
| ESMT | FM61D1G12MA-5BE [BGA107]           | (687)       |



|                  |                                      |               |
|------------------|--------------------------------------|---------------|
| ESMT             | FM61D1G56A-5BE [BGA107]              | (687)         |
| ESMT             | FM61D1G56MA-5BE [BGA107]             | (687)         |
| ESMT             | FM64D1G12A-5BAE [BGA130]             | (2571) (*1)   |
| ESMT             | FM64D1G12A-5BE [BGA107]              | (1208)        |
| ESMT             | FM64D1G12MA-5BAE [BGA130]            | (2571) (*1)   |
| ESMT             | FM64D1G12MA-5BE [BGA107]             | (1208)        |
| ESMT             | FM64D1G1GMA-5BAE [BGA130]            | (2571) (*1)   |
| ESMT             | FM64D1G56A-5BAE [BGA130]             | (2571) (*1)   |
| ESMT             | FM64D1G56MA-5BAE [BGA130]            | (2571) (*1)   |
| ESMT             | FM64D2G1GA-5BAE [BGA130]             | (2571) (*1)   |
| ESMT             | FM67D4G2GA-5BHE [BGA137]             | (3022) (*1)   |
| ESMT             | FM67D4G4GA-5BHE [BGA137]             | (3022) (*1)   |
| ESMT             | FM6AD1G12MA-5BAE [BGA130]            | (2571) (*1)   |
| ESMT             | FM6AD1G12MA-5BHE [BGA137]            | (3047) (*1)   |
| ESMT             | FM6BD1G1GMA-2.5BLCE [BGA162]         | (3366)        |
| ESMT             | FM6BD1G1GMB-2.5BLCE [BGA162]         | (3366)        |
| ESMT             | FM6BD2G1GA-2.5BLCE [BGA162]          | (3366)        |
| ESMT             | FM6BD2G1GCA-2.5BLCE [BGA162]         | (3366)        |
| ESMT             | FM6BD2G2GA-1.8BLCE [BGA162]          | (3366)        |
| ESMT             | FM6BD2G2GA-2.5BLCE [BGA162]          | (3366)        |
| ESMT             | FM6BD2G2GA-2.5BLCE [BGA162] (FOX-03) | (3366)        |
| ESMT             | FM6BD2G2GCA-1.8BLCE [BGA162]         | (3366)        |
| ESMT             | FM6BD2G2GCA-2.5BLCE [BGA162]         | (3366)        |
| ESMT             | FM6BD4G2GA-2.5BLE [BGA162]           | (3125)        |
| ESMT             | FM6BD4G2GWA-1.8BLCE [BGA162]         | (3366)        |
| ESMT             | FM6BD4G2GXA-1.8BLCE [BGA162]         | (3366)        |
| ESMT             | FM6BD4G2GXA-2.5BLCE [BGA162]         | (3366)        |
| ESMT             | FM6BD4G4GXA-1.8BLE [BGA162]          | (3125)        |
| ESMT             | FM91D06432BNA [BGA56]                | (570)         |
| ESMT             | FM91D06432UNA [BGA56]                | (570)         |
| ESMT             | FM91L01604BA [BGA56]                 | (570)         |
| ESMT             | FM91L01604UA [BGA56]                 | (570)         |
| ESMT             | FM91L01608BA [BGA56]                 | (570)         |
| ESMT             | FM91L01608UA [BGA56]                 | (570)         |
| ESMT             | FM91L03204BA [BGA56]                 | (570)         |
| ESMT             | FM91L03204BIA [BGA56]                | (570)         |
| ESMT             | FM91L03204UA [BGA56]                 | (570)         |
| ESMT             | FM91L03204UIA [BGA56]                | (570)         |
| ESMT             | FM91L03208BA [BGA56]                 | (570)         |
| ESMT             | FM91L03208BIA [BGA56]                | (570)         |
| ESMT             | FM91L03208UA [BGA56]                 | (570)         |
| ESMT             | FM91L03208UIA [BGA56]                | (570)         |
| Estek            | 24C02                                |               |
| Estek            | 24C02 (ISP)                          | (138)         |
| Estek            | 24C02 [SOP8]                         | (950)         |
| Estek            | 24C02 [TSSOP8]                       | (121)         |
| Estek            | 24C04                                |               |
| Estek            | 24C04 (ISP)                          | (138)         |
| Estek            | 24C04 [SOP8]                         | (950)         |
| Estek            | 24C04 [TSSOP8]                       | (121)         |
| Estek            | 24C08                                |               |
| Estek            | 24C08 (ISP)                          | (138)         |
| Estek            | 24C08 [SOP8]                         | (950)         |
| Estek            | 24C08 [TSSOP8]                       | (121)         |
| Estek            | 24C16                                |               |
| Estek            | 24C16 (ISP)                          | (138)         |
| Estek            | 24C16 [SOP8]                         | (950)         |
| Estek            | 24C16 [TSSOP8]                       | (121)         |
| Estek            | 24C32                                |               |
| Estek            | 24C32 (ISP)                          | (138)         |
| Estek            | 24C32 [SOP8]                         | (950)         |
| Estek            | 24C32 [TSSOP8]                       | (121)         |
| Estek            | 24C64                                |               |
| Estek            | 24C64 (ISP)                          | (138)         |
| Estek            | 24C64 [SOP8]                         | (950)         |
| Estek            | 24C64 [TSSOP8]                       | (121)         |
| ETA CHIPS        | ADAM24P08 1K [SOP8]                  | (2915) (9999) |
| ETA CHIPS        | ADAM24P08 2K [SOP8]                  | (2915) (9999) |
| ETA CHIPS        | ADAM24P08 4K [SOP8]                  | (2915) (9999) |
| ETA CHIPS        | ADAM24P15 1K [SOP16]                 | (2860)        |
| ETA CHIPS        | ADAM24P15 2K [SOP16]                 | (2860)        |
| ETA CHIPS        | ADAM24P15 4K [SOP16]                 | (2860)        |
| ETA CHIPS        | ADAM24P16 1K [SOP16]                 | (2860)        |
| ETA CHIPS        | ADAM24P16 2K [SOP16]                 | (2860)        |
| ETA CHIPS        | ADAM24P16 4K [SOP16]                 | (2860)        |
| ETA CHIPS        | ADAM24P16S [SOP16]                   | (2860)        |
| ETA CHIPS        | ADAM24P16ST [TSSOP16]                | (2918) (9999) |
| ETA CHIPS        | ADAM24P20 1K [SOP20]                 | (2859)        |
| ETA CHIPS        | ADAM24P20 2K [SOP20]                 | (2859)        |
| ETA CHIPS        | ADAM24P20 4K [SOP20]                 | (2859)        |
| ETA CHIPS        | ADAM24P20S 1K [SOP20]                | (2917) (9999) |
| ETA CHIPS        | ADAM24P20S 2K [SOP20]                | (2917) (9999) |
| ETA CHIPS        | ADAM24P20S 4K [SOP20]                | (2917) (9999) |
| ETA CHIPS        | ADAM24P20T 1K [TSSOP20]              | (2916) (9999) |
| ETA CHIPS        | ADAM24P20T 2K [TSSOP20]              | (2916) (9999) |
| ETA CHIPS        | ADAM24P20T 4K [TSSOP20]              | (2916) (9999) |
| ETA CHIPS        | ADAM27P08 1K [SOP8]                  | (2915) (9999) |
| ETA CHIPS        | ADAM27P08 2K [SOP8]                  | (2915) (9999) |
| ETA CHIPS        | ADAM27P16 1K [SOP16]                 | (2860)        |
| ETA CHIPS        | ADAM27P16 2K [SOP16]                 | (2860)        |
| Etron Technology | EM73C044BDA [TFBGA24]                | (3128)        |
| Etron Technology | EM73C044BDB [TFBGA24]                | (3128)        |
| Etron Technology | EM73C044SNB [WSON8]                  | (4914) (*1)   |
| Etron Technology | EM73C044SNC [WSON8]                  | (4914) (*1)   |
| Etron Technology | EM73C044SND [WSON8]                  | (4914) (*1)   |
| Etron Technology | EM73C044VCD [LGA8]                   | (4914) (*1)   |
| Etron Technology | EM73D044BDA [TFBGA24]                | (3128)        |
| Etron Technology | EM73D044SNA [WSON8]                  | (4914) (*1)   |
| Etron Technology | EM73D044SNC [WSON8]                  | (4914) (*1)   |
| Etron Technology | EM73D044SND [WSON8]                  | (4914) (*1)   |
| Etron Technology | EM73D044SNF [WSON8]                  | (4914) (*1)   |
| Etron Technology | EM73D044VCG [LGA8]                   | (4914) (*1)   |
| Etron Technology | EM73E044SNA [WSON8]                  | (4914) (*1)   |
| Etron Technology | EM73E044SNB [WSON8]                  | (4914) (*1)   |
| Etron Technology | EM73E044SND [WSON8]                  | (4914) (*1)   |
| Etron Technology | EM78C044SNC [WSON8]                  | (4971)        |
| Etron Technology | EM78E044SNB [WSON8]                  | (4971)        |
| Everspin Techn.  | MR0A08B [TSOP44]                     | (149)         |
| Everspin Techn.  | MR0A16A [TSOP44]                     | (2331)        |
| Everspin Techn.  | MR1A16A [TSOP44]                     | (2331)        |
| Everspin Techn.  | MR20H40 (ISP)                        | (138)         |
| Everspin Techn.  | MR20H40 [DFN8]                       | (577)         |
| Everspin Techn.  | MR256A08B [TSOP44]                   | (149)         |
| Everspin Techn.  | MR25H10 (ISP)                        | (138)         |
| Everspin Techn.  | MR25H10 [DFN8]                       | (577)         |
| Everspin Techn.  | MR25H128A (ISP)                      | (138)         |
| Everspin Techn.  | MR25H128A [DFN8]                     | (577)         |
| Everspin Techn.  | MR25H256 (ISP)                       | (138)         |
| Everspin Techn.  | MR25H256 [DFN8]                      | (577)         |
| Everspin Techn.  | MR25H40                              |               |
| Everspin Techn.  | MR25H40 (ISP)                        | (138)         |
| Everspin Techn.  | MR25H40 [DFN8]                       | (577)         |
| Everspin Techn.  | MR2A08A [TSOP44]                     | (149)         |
| Everspin Techn.  | MR2A16A [TSOP44]                     | (2331)        |
| Everspin Techn.  | MR4A08B [TSOP44]                     | (149)         |
| Everspin Techn.  | MR4A16B [TSOP54]                     | (2682)        |
| Exar             | XR77128 [TQFN44]                     | (2997)        |
| Exar             | XR77129 [TQFN44]                     | (2997)        |

|                      |                |           |             |
|----------------------|----------------|-----------|-------------|
| Exar                 | XRP7704        | [TQFN40]  | (2283)      |
| Exar                 | XRP7708        | [TQFN40]  | (2283)      |
| Exar                 | XRP7713        | [TQFN32]  | (2663)      |
| Exar                 | XRP7714        | [TQFN40]  | (2283)      |
| Exar                 | XRP7724        | [TQFN44]  | (2997)      |
| Exar                 | XRP7725        | [TQFN44]  | (2997)      |
| Exar                 | XRP7740        | [TQFN40]  | (2283)      |
| Exar                 | XRP9710        | [LGA45]   | (3433)      |
| Exar                 | XRP9711        | [LGA45]   | (3433)      |
| Excel Semiconductor. | ES25M16A       | (ISP)     | (138)       |
| Excel Semiconductor. | ES25M16A       | [S016]    | (3101) (*1) |
| Excel Semiconductor. | ES25M16A       | [S08-200] | (3088) (*1) |
| Excel Semiconductor. | ES25M40A       | (ISP)     | (138)       |
| Excel Semiconductor. | ES25M40A       | [S08-150] | (3095) (*1) |
| Excel Semiconductor. | ES25M40A       | [S08-200] | (3088) (*1) |
| Excel Semiconductor. | ES25M80A       |           |             |
| Excel Semiconductor. | ES25M80A       | (ISP)     | (138)       |
| Excel Semiconductor. | ES25M80A       | [S08-200] | (3088) (*1) |
| Excel Semiconductor. | ES25P16        | (ISP)     | (138)       |
| Excel Semiconductor. | ES25P16        | [S08-200] | (3088) (*1) |
| Excel Semiconductor. | ES25P40        | (ISP)     | (138)       |
| Excel Semiconductor. | ES25P40        | [S08-150] | (3095) (*1) |
| Excel Semiconductor. | ES25P40        | [S08-200] | (3088) (*1) |
| Excel Semiconductor. | ES25P80        |           |             |
| Excel Semiconductor. | ES25P80        | (ISP)     | (138)       |
| Excel Semiconductor. | ES25P80        | [S08-200] | (3088) (*1) |
| Excel Semiconductor. | ES29DL320B     | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29DL320B     | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29DL320T     | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29DL320T     | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29DL322B     | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29DL322B     | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29DL322T     | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29DL322T     | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29DL323B     | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29DL323B     | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29DL323T     | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29DL323T     | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29DL324B     | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29DL324B     | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29DL324T     | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29DL324T     | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29DL328B     | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29DL328B     | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29DL328T     | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29DL328T     | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV160DB    | [PSOP44]  | (1356)      |
| Excel Semiconductor. | ES29LV160DB    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV160DBxxw | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV160DT    | [PSOP44]  | (1356)      |
| Excel Semiconductor. | ES29LV160DT    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV160DTxxw | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV160EB    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV160EBxxw | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV160ET    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV160ETxxw | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV160FB    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV160FB    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV160FT    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV160FT    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV320DB    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV320DBxxw | [FBGA48]  | (983)       |
| Excel Semiconductor. | ES29LV320DT    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV320DTxxw | [FBGA48]  | (983)       |
| Excel Semiconductor. | ES29LV320EB    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV320EB    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV320ET    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV320ET    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV320FB    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV320FB    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV320FT    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV320FT    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV400DB    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV400DB    | [PSOP44]  | (1356)      |
| Excel Semiconductor. | ES29LV400DB    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV400DT    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV400DT    | [PSOP44]  | (1356)      |
| Excel Semiconductor. | ES29LV400DT    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV400EB    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV400EB    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV400ET    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV400ET    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV800DB    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV800DB    | [PSOP44]  | (1356)      |
| Excel Semiconductor. | ES29LV800DB    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV800DT    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV800DT    | [PSOP44]  | (1356)      |
| Excel Semiconductor. | ES29LV800DT    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV800EB    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV800EB    | [TSOP48]  | (1346)      |
| Excel Semiconductor. | ES29LV800ET    | [FBGA48]  | (859)       |
| Excel Semiconductor. | ES29LV800ET    | [TSOP48]  | (1346)      |
| Excel                | XL24C01A       |           |             |
| Excel                | XL24C01A       | (ISP)     | (138)       |
| Excel                | XL24C01A       | [SOIC8]   | (950)       |
| Excel                | XL24C02        |           |             |
| Excel                | XL24C02        | (ISP)     | (138)       |
| Excel                | XL24C02        | [SOIC8]   | (950)       |
| Excel                | XL24C04        |           |             |
| Excel                | XL24C04        | (ISP)     | (138)       |
| Excel                | XL24C04        | [SOIC8]   | (950)       |
| Excel                | XL24C08        |           |             |
| Excel                | XL24C08        | (ISP)     | (138)       |
| Excel                | XL24C08        | [SOIC8]   | (950)       |
| Excel                | XL24C16        |           |             |
| Excel                | XL24C16        | (ISP)     | (138)       |
| Excel                | XL24C16        | [SOIC8]   | (950)       |
| Excel                | XL24C163       |           |             |
| Excel                | XL24C163       | (ISP)     | (138)       |
| Excel                | XL24C163       | [SOIC8]   | (950)       |
| Excel                | XL24C164       |           |             |
| Excel                | XL24C164       | (ISP)     | (138)       |
| Excel                | XL24C164       | [SOIC8]   | (950)       |
| Excel                | XL25020        |           |             |
| Excel                | XL25020        | (ISP)     | (138)       |
| Excel                | XL25040        |           |             |
| Excel                | XL25040        | (ISP)     | (138)       |
| Excel                | XL2804A        |           |             |
| Excel                | XL2816A        |           |             |
| Excel                | XL2816A        | [PLCC32]  | (59)        |
| Excel                | XL2816A        | [SOIC28]  | (51)        |
| Excel                | XL2817A        |           |             |
| Excel                | XL2864A        |           |             |
| Excel                | XL2864A        | [PLCC32]  | (59)        |
| Excel                | XL2864A        | [SOIC28]  | (51)        |
| Excel                | XL2865A        |           |             |
| Excel                | XL2865A        | [PLCC32]  | (59)        |
| Excel                | XL28C16A       |           |             |

|      |                     |        |
|------|---------------------|--------|
| Exe1 | XL28C16A [PLCC32]   | (59)   |
| Exe1 | XL28C16A [SOIC28]   | (51)   |
| Exe1 | XL28C16B            |        |
| Exe1 | XL28C16B [PLCC32]   | (59)   |
| Exe1 | XL28C16B [SOJ28]    | (98)   |
| Exe1 | XL28C256            |        |
| Exe1 | XL28C256 [PLCC32]   | (59)   |
| Exe1 | XL28C64             |        |
| Exe1 | XL28C64 [PLCC32]    | (59)   |
| Exe1 | XL28C64 [SOIC28]    | (51)   |
| Exe1 | XL28C64B            |        |
| Exe1 | XL28C64B [PLCC32]   | (59)   |
| Exe1 | XL28C64B [SOIC28]   | (51)   |
| Exe1 | XL28C65A            |        |
| Exe1 | XL28C65A [PLCC32]   | (59)   |
| Exe1 | XL28C65A [SOIC28]   | (51)   |
| Exe1 | XL35LC102           |        |
| Exe1 | XL35LC102 (ISP)     | (138)  |
| Exe1 | XL35LC102 [SOIC8]   | (950)  |
| Exe1 | XL46C15             |        |
| Exe1 | XL9020              |        |
| Exe1 | XL9020F [SOIC8]     | (950)  |
| Exe1 | XL9021J [SOP8]      | (1313) |
| Exe1 | XL9021P             |        |
| Exe1 | XL9040              |        |
| Exe1 | XL9040F [SOIC8]     | (950)  |
| Exe1 | XL90C41J [SOP8]     | (1313) |
| Exe1 | XL90C41P            |        |
| Exe1 | XL93C06             |        |
| Exe1 | XL93C06 (ISP)       | (138)  |
| Exe1 | XL93C46             |        |
| Exe1 | XL93C46 (ISP)       | (138)  |
| Exe1 | XL93C46J [SOIC8]    | (950)  |
| Exe1 | XL93C56             |        |
| Exe1 | XL93C56 (ISP)       | (138)  |
| Exe1 | XL93C56J [SOIC8]    | (950)  |
| Exe1 | XL93C56JR [SOIC8]   | (950)  |
| Exe1 | XL93C66             |        |
| Exe1 | XL93C66 (ISP)       | (138)  |
| Exe1 | XL93C66JR [SOIC8]   | (950)  |
| Exe1 | XL93C546            |        |
| Exe1 | XL93C546 (ISP)      | (138)  |
| Exe1 | XL93LC06A           |        |
| Exe1 | XL93LC06A (ISP)     | (138)  |
| Exe1 | XL93LC06A [SOIC8]   | (950)  |
| Exe1 | XL93LC46            |        |
| Exe1 | XL93LC46 (ISP)      | (138)  |
| Exe1 | XL93LC46A           |        |
| Exe1 | XL93LC46A (ISP)     | (138)  |
| Exe1 | XL93LC46ARY [SOIC8] | (950)  |
| Exe1 | XL93LC46AY [SOIC8]  | (950)  |
| Exe1 | XL93LC46B           |        |
| Exe1 | XL93LC46B (ISP)     | (138)  |
| Exe1 | XL93LC46BRY [SOIC8] | (950)  |
| Exe1 | XL93LC46BY [SOIC8]  | (950)  |
| Exe1 | XL93LC46RY [SOIC8]  | (950)  |
| Exe1 | XL93LC46Y [SOIC8]   | (950)  |
| Exe1 | XL93LC56            |        |
| Exe1 | XL93LC56 (ISP)      | (138)  |
| Exe1 | XL93LC56A           |        |
| Exe1 | XL93LC56A (ISP)     | (138)  |
| Exe1 | XL93LC56ARY [SOIC8] | (950)  |
| Exe1 | XL93LC56AY [SOIC8]  | (950)  |
| Exe1 | XL93LC56B           |        |
| Exe1 | XL93LC56B (ISP)     | (138)  |
| Exe1 | XL93LC56BRY [SOIC8] | (950)  |
| Exe1 | XL93LC56BY [SOIC8]  | (950)  |
| Exe1 | XL93LC56RY [SOIC8]  | (950)  |
| Exe1 | XL93LC56Y [SOIC8]   | (950)  |
| Exe1 | XL93LC66            |        |
| Exe1 | XL93LC66 (ISP)      | (138)  |
| Exe1 | XL93LC66A           |        |
| Exe1 | XL93LC66A (ISP)     | (138)  |
| Exe1 | XL93LC66ARY [SOIC8] | (950)  |
| Exe1 | XL93LC66AY [SOIC8]  | (950)  |
| Exe1 | XL93LC66B           |        |
| Exe1 | XL93LC66B (ISP)     | (138)  |
| Exe1 | XL93LC66BRY [SOIC8] | (950)  |
| Exe1 | XL93LC66BY [SOIC8]  | (950)  |
| Exe1 | XL93LC66RY [SOIC8]  | (950)  |
| Exe1 | XL93LC66Y [SOIC8]   | (950)  |
| Exe1 | XL93LL46            |        |
| Exe1 | XL93LL46 (ISP)      | (138)  |
| Exe1 | XL93LL46 [SOP8]     | (950)  |
| Exe1 | XL93LL46F [SOP8]    | (950)  |
| Exe1 | XL93LL56            |        |
| Exe1 | XL93LL56 (ISP)      | (138)  |
| Exe1 | XL93LL56 [SOP8]     | (950)  |
| Exe1 | XL93LL56F [SOP8]    | (950)  |
| Exe1 | XL93LL66            |        |
| Exe1 | XL93LL66 (ISP)      | (138)  |
| Exe1 | XL93LL66 [SOP8]     | (950)  |
| Exe1 | XL93LL66F [SOP8]    | (950)  |
| Exe1 | XLE2816A            |        |
| Exe1 | XLE2816A [PLCC32]   | (59)   |
| Exe1 | XLE2816A [SOIC28]   | (51)   |
| Exe1 | XLE2864A            |        |
| Exe1 | XLE2864A [PLCC32]   | (59)   |
| Exe1 | XLE2864A [SOIC28]   | (51)   |
| Exe1 | XLE2865A            |        |
| Exe1 | XLE2865A [PLCC32]   | (59)   |
| Exe1 | XLE28C16A           |        |
| Exe1 | XLE28C16A [PLCC32]  | (59)   |
| Exe1 | XLE28C16A [SOIC28]  | (51)   |
| Exe1 | XLE28C16B           |        |
| Exe1 | XLE28C16B [PLCC32]  | (59)   |
| Exe1 | XLE28C16B [SOJ28]   | (98)   |
| Exe1 | XLE28C256           |        |
| Exe1 | XLE28C256 [PLCC32]  | (59)   |
| Exe1 | XLE28C64            |        |
| Exe1 | XLE28C64 [PLCC32]   | (59)   |
| Exe1 | XLE28C64 [SOIC28]   | (51)   |
| Exe1 | XLE28C64B           |        |
| Exe1 | XLE28C64B [PLCC32]  | (59)   |
| Exe1 | XLE28C64B [SOIC28]  | (51)   |
| Exe1 | XLE28C65A           |        |
| Exe1 | XLE28C65A [PLCC32]  | (59)   |
| Exe1 | XLE28C65A [SOIC28]  | (51)   |
| Exe1 | XL46C15             |        |
| Exe1 | XLE93C46            |        |
| Exe1 | XLE93C56            |        |
| Exe1 | XLE93C66            |        |
| Exe1 | XLE93CS46           |        |
| Exe1 | XL2817A             |        |
| Exe1 | XL28C65A            |        |
| Exe1 | XL28C65A [PLCC32]   | (59)   |
| Exe1 | XL28C65A [SOIC28]   | (51)   |
| Exe1 | XLS2816A            |        |

|                    |                     |           |        |
|--------------------|---------------------|-----------|--------|
| Exe1               | XLS2816A            | [PLCC32]  | (59)   |
| Exe1               | XLS2816A            | [SOIC28]  | (51)   |
| Exe1               | XLS2864A            |           |        |
| Exe1               | XLS2864A            | [PLCC32]  | (59)   |
| Exe1               | XLS2864A            | [SOIC28]  | (51)   |
| Exe1               | XLS2865A            |           |        |
| Exe1               | XLS2865A            | [PLCC32]  | (59)   |
| Exe1               | XLS28C04A           |           |        |
| Exe1               | XLS28C16A           |           |        |
| Exe1               | XLS28C16A           | [PLCC32]  | (59)   |
| Exe1               | XLS28C16A           | [SOIC28]  | (51)   |
| Exe1               | XLS28C16B           |           |        |
| Exe1               | XLS28C16B           | [PLCC32]  | (59)   |
| Exe1               | XLS28C16B           | [SOJ28]   | (98)   |
| Exe1               | XLS28C256           |           |        |
| Exe1               | XLS28C256           | [PLCC32]  | (59)   |
| Exe1               | XLS28C64            |           |        |
| Exe1               | XLS28C64            | [PLCC32]  | (59)   |
| Exe1               | XLS28C64            | [SOIC28]  | (51)   |
| Exe1               | XLS28C64B           |           |        |
| Exe1               | XLS28C64B           | [PLCC32]  | (59)   |
| Exe1               | XLS28C64B           | [SOIC28]  | (51)   |
| Exe1               | XLS28C65A           |           |        |
| Exe1               | XLS28C65A           | [PLCC32]  | (59)   |
| Exe1               | XLS28C65A           | [SOIC28]  | (51)   |
| Exe1               | XLS46C15            |           |        |
| Exe1               | XLS93C46            |           |        |
| Exe1               | XLS93C56            |           |        |
| Exe1               | XLS93C66            |           |        |
| Exe1               | XLS93CS46           |           |        |
| EXODUS Microelect. | EM16V8B             |           |        |
| EXODUS Microelect. | EM16V8B             | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL10H8  |           |        |
| EXODUS Microelect. | EM16V8B as PAL10H8  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL10L8  |           |        |
| EXODUS Microelect. | EM16V8B as PAL10L8  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL10P8  |           |        |
| EXODUS Microelect. | EM16V8B as PAL10P8  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL12H6  |           |        |
| EXODUS Microelect. | EM16V8B as PAL12H6  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL12L6  |           |        |
| EXODUS Microelect. | EM16V8B as PAL12L6  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL12P6  |           |        |
| EXODUS Microelect. | EM16V8B as PAL12P6  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL14H4  |           |        |
| EXODUS Microelect. | EM16V8B as PAL14H4  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL14L4  |           |        |
| EXODUS Microelect. | EM16V8B as PAL14L4  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL14P4  |           |        |
| EXODUS Microelect. | EM16V8B as PAL14P4  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL16H2  |           |        |
| EXODUS Microelect. | EM16V8B as PAL16H2  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL16H8  |           |        |
| EXODUS Microelect. | EM16V8B as PAL16H8  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL16L2  |           |        |
| EXODUS Microelect. | EM16V8B as PAL16L2  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL16L8  |           |        |
| EXODUS Microelect. | EM16V8B as PAL16L8  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL16P2  |           |        |
| EXODUS Microelect. | EM16V8B as PAL16P2  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL16P8  |           |        |
| EXODUS Microelect. | EM16V8B as PAL16P8  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL16R4  |           |        |
| EXODUS Microelect. | EM16V8B as PAL16R4  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL16R6  |           |        |
| EXODUS Microelect. | EM16V8B as PAL16R6  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL16R8  |           |        |
| EXODUS Microelect. | EM16V8B as PAL16R8  | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL16RP4 |           |        |
| EXODUS Microelect. | EM16V8B as PAL16RP4 | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL16RP6 |           |        |
| EXODUS Microelect. | EM16V8B as PAL16RP6 | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM16V8B as PAL16RP8 |           |        |
| EXODUS Microelect. | EM16V8B as PAL16RP8 | [PLCC20]  | (47)   |
| EXODUS Microelect. | EM20V8B             |           |        |
| EXODUS Microelect. | EM20V8B             | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL14H8  |           |        |
| EXODUS Microelect. | EM20V8B as PAL14H8  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL14L8  |           |        |
| EXODUS Microelect. | EM20V8B as PAL14L8  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL14P8  |           |        |
| EXODUS Microelect. | EM20V8B as PAL14P8  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL16H6  |           |        |
| EXODUS Microelect. | EM20V8B as PAL16H6  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL16L6  |           |        |
| EXODUS Microelect. | EM20V8B as PAL16L6  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL16P6  |           |        |
| EXODUS Microelect. | EM20V8B as PAL16P6  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL18H4  |           |        |
| EXODUS Microelect. | EM20V8B as PAL18H4  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL18L4  |           |        |
| EXODUS Microelect. | EM20V8B as PAL18L4  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL18P4  |           |        |
| EXODUS Microelect. | EM20V8B as PAL18P4  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL20H2  |           |        |
| EXODUS Microelect. | EM20V8B as PAL20H2  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL20H8  |           |        |
| EXODUS Microelect. | EM20V8B as PAL20H8  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL20L2  |           |        |
| EXODUS Microelect. | EM20V8B as PAL20L2  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL20L8  |           |        |
| EXODUS Microelect. | EM20V8B as PAL20L8  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL20P2  |           |        |
| EXODUS Microelect. | EM20V8B as PAL20P2  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL20P8  |           |        |
| EXODUS Microelect. | EM20V8B as PAL20P8  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL20R4  |           |        |
| EXODUS Microelect. | EM20V8B as PAL20R4  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL20R6  |           |        |
| EXODUS Microelect. | EM20V8B as PAL20R6  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL20R8  |           |        |
| EXODUS Microelect. | EM20V8B as PAL20R8  | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL20RP4 |           |        |
| EXODUS Microelect. | EM20V8B as PAL20RP4 | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL20RP6 |           |        |
| EXODUS Microelect. | EM20V8B as PAL20RP6 | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM20V8B as PAL20RP8 |           |        |
| EXODUS Microelect. | EM20V8B as PAL20RP8 | [PLCC28]  | (48)   |
| EXODUS Microelect. | EM27C010            |           |        |
| EXODUS Microelect. | EM27C020            |           |        |
| EXODUS Microelect. | EM27C040            |           |        |
| EXODUS Microelect. | EM27C080            |           |        |
| EXODUS Microelect. | EM27C256            |           |        |
| EXODUS Microelect. | EM27C512            |           |        |
| EXODUS Microelect. | EM89C52             |           |        |
| EXODUS Microelect. | EM89C52             | [PLCC44]  | (67)   |
| Explore Microelec. | EPF011              | [LQFP128] | (2778) |
| Explore Microelec. | EPF011A             | [LQFP64]  | (2777) |

|                    |           |           |        |
|--------------------|-----------|-----------|--------|
| Explore Microelec. | EPF011C   | [SSOP24]  | (2773) |
| Explore Microelec. | EPF011D   | [LQFP48]  | (2774) |
| Explore Microelec. | EPF011J   | [LQFP64]  | (2776) |
| Explore Microelec. | EPF021    | [LQFP128] | (2778) |
| Explore Microelec. | EPF021A   | [LQFP64]  | (2775) |
| Explore Microelec. | EPF021D   | [LQFP48]  | (2774) |
| Explore Microelec. | EPF021J   | [LQFP64]  | (2776) |
| Explore Microelec. | EPF021M   | [QFN40]   | (2731) |
| Fairchild          | F2708     |           | (2)    |
| Fairchild          | F2716     |           |        |
| Fairchild          | F2732     |           |        |
| Fairchild          | FM24C02U  |           |        |
| Fairchild          | FM24C02U  | (ISP)     | (138)  |
| Fairchild          | FM24C02U  | [SOIC8]   | (950)  |
| Fairchild          | FM24C02U  | [TSSOP8]  | (121)  |
| Fairchild          | FM24C02UF |           |        |
| Fairchild          | FM24C02UF | (ISP)     | (138)  |
| Fairchild          | FM24C02UF | [SOIC8]   | (950)  |
| Fairchild          | FM24C02UF | [TSSOP8]  | (121)  |
| Fairchild          | FM24C03U  |           |        |
| Fairchild          | FM24C03U  | (ISP)     | (138)  |
| Fairchild          | FM24C03U  | [SOIC8]   | (950)  |
| Fairchild          | FM24C03U  | [TSSOP8]  | (121)  |
| Fairchild          | FM24C03UF |           |        |
| Fairchild          | FM24C03UF | (ISP)     | (138)  |
| Fairchild          | FM24C03UF | [SOIC8]   | (950)  |
| Fairchild          | FM24C03UF | [TSSOP8]  | (121)  |
| Fairchild          | FM24C04U  |           |        |
| Fairchild          | FM24C04U  | (ISP)     | (138)  |
| Fairchild          | FM24C04U  | [SOIC8]   | (950)  |
| Fairchild          | FM24C04U  | [TSSOP8]  | (121)  |
| Fairchild          | FM24C04UF |           |        |
| Fairchild          | FM24C04UF | (ISP)     | (138)  |
| Fairchild          | FM24C04UF | [SOIC8]   | (950)  |
| Fairchild          | FM24C04UF | [TSSOP8]  | (121)  |
| Fairchild          | FM24C05U  |           |        |
| Fairchild          | FM24C05U  | (ISP)     | (138)  |
| Fairchild          | FM24C05U  | [SOIC8]   | (950)  |
| Fairchild          | FM24C05U  | [TSSOP8]  | (121)  |
| Fairchild          | FM24C05UF |           |        |
| Fairchild          | FM24C05UF | (ISP)     | (138)  |
| Fairchild          | FM24C05UF | [SOIC8]   | (950)  |
| Fairchild          | FM24C05UF | [TSSOP8]  | (121)  |
| Fairchild          | FM24C08U  |           |        |
| Fairchild          | FM24C08U  | (ISP)     | (138)  |
| Fairchild          | FM24C08U  | [SOIC8]   | (950)  |
| Fairchild          | FM24C08U  | [TSSOP8]  | (121)  |
| Fairchild          | FM24C08UF |           |        |
| Fairchild          | FM24C08UF | (ISP)     | (138)  |
| Fairchild          | FM24C08UF | [SOIC8]   | (950)  |
| Fairchild          | FM24C08UF | [TSSOP8]  | (121)  |
| Fairchild          | FM24C09U  |           |        |
| Fairchild          | FM24C09U  | (ISP)     | (138)  |
| Fairchild          | FM24C09U  | [SOIC8]   | (950)  |
| Fairchild          | FM24C09U  | [TSSOP8]  | (121)  |
| Fairchild          | FM24C09UF |           |        |
| Fairchild          | FM24C09UF | (ISP)     | (138)  |
| Fairchild          | FM24C09UF | [SOIC8]   | (950)  |
| Fairchild          | FM24C09UF | [TSSOP8]  | (121)  |
| Fairchild          | FM24C128  |           |        |
| Fairchild          | FM24C128  | (ISP)     | (138)  |
| Fairchild          | FM24C128  | [SOIC8]   | (950)  |
| Fairchild          | FM24C128  | [TSSOP8]  | (121)  |
| Fairchild          | FM24C16U  |           |        |
| Fairchild          | FM24C16U  | (ISP)     | (138)  |
| Fairchild          | FM24C16U  | [SOIC8]   | (950)  |
| Fairchild          | FM24C16U  | [TSSOP8]  | (121)  |
| Fairchild          | FM24C16UF |           |        |
| Fairchild          | FM24C16UF | (ISP)     | (138)  |
| Fairchild          | FM24C16UF | [SOIC8]   | (950)  |
| Fairchild          | FM24C16UF | [TSSOP8]  | (121)  |
| Fairchild          | FM24C17U  |           |        |
| Fairchild          | FM24C17U  | (ISP)     | (138)  |
| Fairchild          | FM24C17U  | [SOIC8]   | (950)  |
| Fairchild          | FM24C17U  | [TSSOP8]  | (121)  |
| Fairchild          | FM24C17UF |           |        |
| Fairchild          | FM24C17UF | (ISP)     | (138)  |
| Fairchild          | FM24C17UF | [SOIC8]   | (950)  |
| Fairchild          | FM24C17UF | [TSSOP8]  | (121)  |
| Fairchild          | FM24C256  |           |        |
| Fairchild          | FM24C256  | (ISP)     | (138)  |
| Fairchild          | FM24C256  | [SOIC8]   | (950)  |
| Fairchild          | FM24C32U  |           |        |
| Fairchild          | FM24C32U  | (ISP)     | (138)  |
| Fairchild          | FM24C32U  | [SOIC8]   | (950)  |
| Fairchild          | FM24C32UF |           |        |
| Fairchild          | FM24C32UF | (ISP)     | (138)  |
| Fairchild          | FM24C32UF | [SOIC8]   | (950)  |
| Fairchild          | FM24C64   |           |        |
| Fairchild          | FM24C64   | (ISP)     | (138)  |
| Fairchild          | FM24C64   | [SOIC8]   | (950)  |
| Fairchild          | FM24C64   | [TSSOP8]  | (121)  |
| Fairchild          | FM24C64F  |           |        |
| Fairchild          | FM24C64F  | (ISP)     | (138)  |
| Fairchild          | FM24C64F  | [SOIC8]   | (950)  |
| Fairchild          | FM24C64F  | [TSSOP8]  | (121)  |
| Fairchild          | FM25C020U |           |        |
| Fairchild          | FM25C020U | (ISP)     | (138)  |
| Fairchild          | FM25C020U | [SOIC8]   | (950)  |
| Fairchild          | FM25C020U | [TSSOP8]  | (121)  |
| Fairchild          | FM25C040U |           |        |
| Fairchild          | FM25C040U | (ISP)     | (138)  |
| Fairchild          | FM25C040U | [SOIC8]   | (950)  |
| Fairchild          | FM25C040U | [TSSOP8]  | (121)  |
| Fairchild          | FM25C041U |           |        |
| Fairchild          | FM25C041U | (ISP)     | (138)  |
| Fairchild          | FM25C041U | [SOIC8]   | (950)  |
| Fairchild          | FM25C041U | [TSSOP8]  | (121)  |
| Fairchild          | FM25C160U |           |        |
| Fairchild          | FM25C160U | (ISP)     | (138)  |
| Fairchild          | FM25C160U | [SOIC8]   | (950)  |
| Fairchild          | FM25C640U |           |        |
| Fairchild          | FM25C640U | (ISP)     | (138)  |
| Fairchild          | FM25C640U | [SOIC8]   | (950)  |
| Fairchild          | FM27C010  |           |        |
| Fairchild          | FM27C010  | [PLCC32]  | (59)   |
| Fairchild          | FM27C020  |           |        |
| Fairchild          | FM27C020  | [PLCC32]  | (59)   |
| Fairchild          | FM27C040  |           |        |
| Fairchild          | FM27C040  | [PLCC32]  | (59)   |
| Fairchild          | FM27C256  |           |        |
| Fairchild          | FM27C256  | [PLCC32]  | (59)   |
| Fairchild          | FM27CS12  |           |        |
| Fairchild          | FM27CS12  | [PLCC32]  | (59)   |
| Fairchild          | FM27LV010 |           |        |
| Fairchild          | FM27LV010 | [PLCC32]  | (59)   |
| Fairchild          | FM34W02U  |           |        |
| Fairchild          | FM34W02U  | (ISP)     | (138)  |

|           |           |                |       |
|-----------|-----------|----------------|-------|
| Fairchild | FM34w02U  | [SOIC8]        | (950) |
| Fairchild | FM34w02U  | [TSSOP8]       | (121) |
| Fairchild | FM93C06   |                |       |
| Fairchild | FM93C06   | (ISP)          | (138) |
| Fairchild | FM93C06   | [SOIC8]        | (950) |
| Fairchild | FM93C06   | [TSSOP8]       | (121) |
| Fairchild | FM93C46   |                |       |
| Fairchild | FM93C46   | (ISP)          | (138) |
| Fairchild | FM93C46   | [SOIC8]        | (950) |
| Fairchild | FM93C46   | [TSSOP8]       | (121) |
| Fairchild | FM93C46A  | (x16)          |       |
| Fairchild | FM93C46A  | (x16) (ISP)    | (138) |
| Fairchild | FM93C46A  | (x16) [SOIC8]  | (950) |
| Fairchild | FM93C46A  | (x16) [TSSOP8] | (121) |
| Fairchild | FM93C46A  | (x8)           |       |
| Fairchild | FM93C46A  | (x8) (ISP)     | (138) |
| Fairchild | FM93C46A  | (x8) [SOIC8]   | (950) |
| Fairchild | FM93C46A  | (x8) [TSSOP8]  | (121) |
| Fairchild | FM93C46AT | (x16)          |       |
| Fairchild | FM93C46AT | (x16) [SOIC8]  | (950) |
| Fairchild | FM93C46AT | (x16) [TSSOP8] | (121) |
| Fairchild | FM93C46AT | (x8)           |       |
| Fairchild | FM93C46AT | (x8) [SOIC8]   | (950) |
| Fairchild | FM93C46AT | (x8) [TSSOP8]  | (121) |
| Fairchild | FM93C46T  |                |       |
| Fairchild | FM93C46T  | [SOIC8]        | (950) |
| Fairchild | FM93C46T  | [TSSOP8]       | (121) |
| Fairchild | FM93C56   |                |       |
| Fairchild | FM93C56   | (ISP)          | (138) |
| Fairchild | FM93C56   | [SOIC8]        | (950) |
| Fairchild | FM93C56   | [TSSOP8]       | (121) |
| Fairchild | FM93C56A  | (x16)          |       |
| Fairchild | FM93C56A  | (x16) (ISP)    | (138) |
| Fairchild | FM93C56A  | (x16) [SOIC8]  | (950) |
| Fairchild | FM93C56A  | (x16) [TSSOP8] | (121) |
| Fairchild | FM93C56A  | (x8)           |       |
| Fairchild | FM93C56A  | (x8) (ISP)     | (138) |
| Fairchild | FM93C56A  | (x8) [SOIC8]   | (950) |
| Fairchild | FM93C56A  | (x8) [TSSOP8]  | (121) |
| Fairchild | FM93C56AT | (x16)          |       |
| Fairchild | FM93C56AT | (x16) [SOIC8]  | (950) |
| Fairchild | FM93C56AT | (x16) [TSSOP8] | (121) |
| Fairchild | FM93C56AT | (x8)           |       |
| Fairchild | FM93C56AT | (x8) [SOIC8]   | (950) |
| Fairchild | FM93C56AT | (x8) [TSSOP8]  | (121) |
| Fairchild | FM93C56T  |                |       |
| Fairchild | FM93C56T  | [SOIC8]        | (950) |
| Fairchild | FM93C56T  | [TSSOP8]       | (121) |
| Fairchild | FM93C66   |                |       |
| Fairchild | FM93C66   | (ISP)          | (138) |
| Fairchild | FM93C66   | [SOIC8]        | (950) |
| Fairchild | FM93C66   | [TSSOP8]       | (121) |
| Fairchild | FM93C66A  | (x16)          |       |
| Fairchild | FM93C66A  | (x16) (ISP)    | (138) |
| Fairchild | FM93C66A  | (x16) [SOIC8]  | (950) |
| Fairchild | FM93C66A  | (x16) [TSSOP8] | (121) |
| Fairchild | FM93C66A  | (x8)           |       |
| Fairchild | FM93C66A  | (x8) (ISP)     | (138) |
| Fairchild | FM93C66A  | (x8) [SOIC8]   | (950) |
| Fairchild | FM93C66A  | (x8) [TSSOP8]  | (121) |
| Fairchild | FM93C86A  | (x16)          |       |
| Fairchild | FM93C86A  | (x16) (ISP)    | (138) |
| Fairchild | FM93C86A  | (x16) [SOIC8]  | (950) |
| Fairchild | FM93C86A  | (x8)           |       |
| Fairchild | FM93C86A  | (x8) (ISP)     | (138) |
| Fairchild | FM93C86A  | (x8) [SOIC8]   | (950) |
| Fairchild | FM93CS46  |                |       |
| Fairchild | FM93CS46  | (ISP)          | (138) |
| Fairchild | FM93CS46  | [SOIC8]        | (950) |
| Fairchild | FM93CS46  | [TSSOP8]       | (121) |
| Fairchild | FM93CS46T |                |       |
| Fairchild | FM93CS46T | [SOIC8]        | (950) |
| Fairchild | FM93CS46T | [TSSOP8]       | (121) |
| Fairchild | FM93CS56  |                |       |
| Fairchild | FM93CS56  | (ISP)          | (138) |
| Fairchild | FM93CS56  | [SOIC8]        | (950) |
| Fairchild | FM93CS56  | [TSSOP8]       | (121) |
| Fairchild | FM93CS56T |                |       |
| Fairchild | FM93CS56T | [SOIC8]        | (950) |
| Fairchild | FM93CS56T | [TSSOP8]       | (121) |
| Fairchild | FM93CS66  |                |       |
| Fairchild | FM93CS66  | (ISP)          | (138) |
| Fairchild | FM93CS66  | [SOIC14]       | (951) |
| Fairchild | FM93CS66  | [SOIC8]        | (950) |
| Fairchild | FM93CS66  | [TSSOP8]       | (121) |
| Fairchild | FM93CS66T |                |       |
| Fairchild | FM93CS66T | [SOIC8]        | (950) |
| Fairchild | FM93CS66T | [TSSOP8]       | (121) |
| Fairchild | NM24C00   | (ISP)          | (138) |
| Fairchild | NM24C00   | [SOIC8]        | (950) |
| Fairchild | NM24C00   | [TSSOP8]       | (121) |
| Fairchild | NM24C00F  | (ISP)          | (138) |
| Fairchild | NM24C00F  | [SOIC8]        | (950) |
| Fairchild | NM24C00F  | [TSSOP8]       | (121) |
| Fairchild | NM24C01   |                |       |
| Fairchild | NM24C01   | (ISP)          | (138) |
| Fairchild | NM24C01   | [SOIC8]        | (950) |
| Fairchild | NM24C01   | [TSSOP8]       | (121) |
| Fairchild | NM24C01F  |                |       |
| Fairchild | NM24C01F  | (ISP)          | (138) |
| Fairchild | NM24C01F  | [SOIC8]        | (950) |
| Fairchild | NM24C01F  | [TSSOP8]       | (121) |
| Fairchild | NM24C02   |                |       |
| Fairchild | NM24C02   | (ISP)          | (138) |
| Fairchild | NM24C02   | [SOIC8]        | (950) |
| Fairchild | NM24C02   | [TSSOP8]       | (121) |
| Fairchild | NM24C02F  |                |       |
| Fairchild | NM24C02F  | (ISP)          | (138) |
| Fairchild | NM24C02F  | [SOIC8]        | (950) |
| Fairchild | NM24C02F  | [TSSOP8]       | (121) |
| Fairchild | NM24C02U  |                |       |
| Fairchild | NM24C02U  | (ISP)          | (138) |
| Fairchild | NM24C03   |                |       |
| Fairchild | NM24C03   | (ISP)          | (138) |
| Fairchild | NM24C03   | [SOIC8]        | (950) |
| Fairchild | NM24C03   | [TSSOP8]       | (121) |
| Fairchild | NM24C03F  |                |       |
| Fairchild | NM24C03F  | (ISP)          | (138) |
| Fairchild | NM24C03F  | [SOIC8]        | (950) |
| Fairchild | NM24C03F  | [TSSOP8]       | (121) |
| Fairchild | NM24C03U  |                |       |
| Fairchild | NM24C03U  | (ISP)          | (138) |
| Fairchild | NM24C04   |                |       |
| Fairchild | NM24C04   | (ISP)          | (138) |
| Fairchild | NM24C04   | [SOIC8]        | (950) |
| Fairchild | NM24C04   | [TSSOP8]       | (121) |
| Fairchild | NM24C04F  |                |       |
| Fairchild | NM24C04F  | (ISP)          | (138) |

|           |           |          |       |
|-----------|-----------|----------|-------|
| Fairchild | NM24C04F  | [SOIC8]  | (950) |
| Fairchild | NM24C04F  | [TSSOP8] | (121) |
| Fairchild | NM24C04U  |          |       |
| Fairchild | NM24C04U  | (ISP)    | (138) |
| Fairchild | NM24C05   |          |       |
| Fairchild | NM24C05   | (ISP)    | (138) |
| Fairchild | NM24C05   | [SOIC8]  | (950) |
| Fairchild | NM24C05   | [TSSOP8] | (121) |
| Fairchild | NM24C05F  |          |       |
| Fairchild | NM24C05F  | (ISP)    | (138) |
| Fairchild | NM24C05F  | [SOIC8]  | (950) |
| Fairchild | NM24C05F  | [TSSOP8] | (121) |
| Fairchild | NM24C05U  |          |       |
| Fairchild | NM24C05U  | (ISP)    | (138) |
| Fairchild | NM24C08   |          |       |
| Fairchild | NM24C08   | (ISP)    | (138) |
| Fairchild | NM24C08   | [SOIC8]  | (950) |
| Fairchild | NM24C08   | [TSSOP8] | (121) |
| Fairchild | NM24C08F  |          |       |
| Fairchild | NM24C08F  | (ISP)    | (138) |
| Fairchild | NM24C08F  | [SOIC8]  | (950) |
| Fairchild | NM24C08F  | [TSSOP8] | (121) |
| Fairchild | NM24C08U  |          |       |
| Fairchild | NM24C08U  | (ISP)    | (138) |
| Fairchild | NM24C09   |          |       |
| Fairchild | NM24C09   | (ISP)    | (138) |
| Fairchild | NM24C09   | [SOIC8]  | (950) |
| Fairchild | NM24C09   | [TSSOP8] | (121) |
| Fairchild | NM24C09F  |          |       |
| Fairchild | NM24C09F  | (ISP)    | (138) |
| Fairchild | NM24C09F  | [SOIC8]  | (950) |
| Fairchild | NM24C09F  | [TSSOP8] | (121) |
| Fairchild | NM24C09U  |          |       |
| Fairchild | NM24C09U  | (ISP)    | (138) |
| Fairchild | NM24C16   |          |       |
| Fairchild | NM24C16   | (ISP)    | (138) |
| Fairchild | NM24C16   | [SOIC8]  | (950) |
| Fairchild | NM24C16   | [TSSOP8] | (121) |
| Fairchild | NM24C16F  |          |       |
| Fairchild | NM24C16F  | (ISP)    | (138) |
| Fairchild | NM24C16F  | [SOIC8]  | (950) |
| Fairchild | NM24C16F  | [TSSOP8] | (121) |
| Fairchild | NM24C16U  |          |       |
| Fairchild | NM24C16U  | (ISP)    | (138) |
| Fairchild | NM24C17   |          |       |
| Fairchild | NM24C17   | (ISP)    | (138) |
| Fairchild | NM24C17   | [SOIC8]  | (950) |
| Fairchild | NM24C17   | [TSSOP8] | (121) |
| Fairchild | NM24C17F  |          |       |
| Fairchild | NM24C17F  | (ISP)    | (138) |
| Fairchild | NM24C17F  | [SOIC8]  | (950) |
| Fairchild | NM24C17F  | [TSSOP8] | (121) |
| Fairchild | NM24C17U  |          |       |
| Fairchild | NM24C17U  | (ISP)    | (138) |
| Fairchild | NM24C32   |          |       |
| Fairchild | NM24C32   | (ISP)    | (138) |
| Fairchild | NM24C32   | [SOIC8]  | (950) |
| Fairchild | NM24C32   | [TSSOP8] | (121) |
| Fairchild | NM24C32F  |          |       |
| Fairchild | NM24C32F  | (ISP)    | (138) |
| Fairchild | NM24C32F  | [SOIC8]  | (950) |
| Fairchild | NM24C32F  | [TSSOP8] | (121) |
| Fairchild | NM24C32U  |          |       |
| Fairchild | NM24C32U  | (ISP)    | (138) |
| Fairchild | NM24C65   |          |       |
| Fairchild | NM24C65   | (ISP)    | (138) |
| Fairchild | NM24C65   | [SOIC8]  | (950) |
| Fairchild | NM24C65   | [TSSOP8] | (121) |
| Fairchild | NM24C65F  |          |       |
| Fairchild | NM24C65F  | (ISP)    | (138) |
| Fairchild | NM24C65F  | [SOIC8]  | (950) |
| Fairchild | NM24C65F  | [TSSOP8] | (121) |
| Fairchild | NM24C65U  |          |       |
| Fairchild | NM24C65U  | (ISP)    | (138) |
| Fairchild | NM24W02   |          |       |
| Fairchild | NM24W02   | (ISP)    | (138) |
| Fairchild | NM24W02   | [SO8]    | (950) |
| Fairchild | NM24W02   | [TSSOP8] | (121) |
| Fairchild | NM24W04   |          |       |
| Fairchild | NM24W04   | (ISP)    | (138) |
| Fairchild | NM24W04   | [SO8]    | (950) |
| Fairchild | NM24W04   | [TSSOP8] | (121) |
| Fairchild | NM24W08   |          |       |
| Fairchild | NM24W08   | (ISP)    | (138) |
| Fairchild | NM24W08   | [SO8]    | (950) |
| Fairchild | NM24W08   | [TSSOP8] | (121) |
| Fairchild | NM24W16   |          |       |
| Fairchild | NM24W16   | (ISP)    | (138) |
| Fairchild | NM24W16   | [SO8]    | (950) |
| Fairchild | NM24W16   | [TSSOP8] | (121) |
| Fairchild | NM25C020  |          |       |
| Fairchild | NM25C020  | (ISP)    | (138) |
| Fairchild | NM25C020  | [SOIC8]  | (950) |
| Fairchild | NM25C020  | [TSSOP8] | (121) |
| Fairchild | NM25C040  |          |       |
| Fairchild | NM25C040  | (ISP)    | (138) |
| Fairchild | NM25C040  | [SOIC8]  | (950) |
| Fairchild | NM25C040  | [TSSOP8] | (121) |
| Fairchild | NM25C041  |          |       |
| Fairchild | NM25C041  | (ISP)    | (138) |
| Fairchild | NM25C041  | [SOIC8]  | (950) |
| Fairchild | NM25C160  |          |       |
| Fairchild | NM25C160  | (ISP)    | (138) |
| Fairchild | NM25C160  | [SOIC8]  | (950) |
| Fairchild | NM25C160  | [TSSOP8] | (121) |
| Fairchild | NM25C640  |          |       |
| Fairchild | NM25C640  | (ISP)    | (138) |
| Fairchild | NM25C640  | [SOIC8]  | (950) |
| Fairchild | NM27C010  |          |       |
| Fairchild | NM27C010  | [PLCC32] | (59)  |
| Fairchild | NM27C010  | [TSOP32] | (655) |
| Fairchild | NM27C020  |          |       |
| Fairchild | NM27C020  | [PLCC32] | (59)  |
| Fairchild | NM27C040  |          |       |
| Fairchild | NM27C040  | [PLCC32] | (59)  |
| Fairchild | NM27C1024 |          |       |
| Fairchild | NM27C128  |          |       |
| Fairchild | NM27C128  | [PLCC32] | (59)  |
| Fairchild | NM27C16   |          |       |
| Fairchild | NM27C16B  |          |       |
| Fairchild | NM27C16H  |          |       |
| Fairchild | NM27C210  |          |       |
| Fairchild | NM27C210  | [PLCC44] | (67)  |
| Fairchild | NM27C240  |          |       |
| Fairchild | NM27C240  | [PLCC44] | (67)  |
| Fairchild | NM27C256  |          |       |
| Fairchild | NM27C256  | [PLCC32] | (59)  |
| Fairchild | NM27C256B |          |       |

|           |                        |       |
|-----------|------------------------|-------|
| Fairchild | NM27C256B [PLCC32]     | (59)  |
| Fairchild | NM27C32                |       |
| Fairchild | NM27C32B               |       |
| Fairchild | NM27C32H               |       |
| Fairchild | NM27C512               |       |
| Fairchild | NM27C512 [PLCC32]      | (59)  |
| Fairchild | NM27C64                |       |
| Fairchild | NM27CP128              |       |
| Fairchild | NM27LC256              |       |
| Fairchild | NM27LC256 [PLCC32]     | (59)  |
| Fairchild | NM27LC512              |       |
| Fairchild | NM27LC512 [PLCC32]     | (59)  |
| Fairchild | NM27LC64               |       |
| Fairchild | NM27LV010              |       |
| Fairchild | NM27LV010 [PLCC32]     | (59)  |
| Fairchild | NM27LV010 [TSOP32]     | (655) |
| Fairchild | NM27LV010B             |       |
| Fairchild | NM27LV010B [PLCC32]    | (59)  |
| Fairchild | NM27LV010B [TSOP32]    | (655) |
| Fairchild | NM27LV210 [PLCC44]     | (67)  |
| Fairchild | NM27LV210 [TQFP44]     | (94)  |
| Fairchild | NM27LV512              |       |
| Fairchild | NM27LV512 [PLCC32]     | (59)  |
| Fairchild | NM27P040               |       |
| Fairchild | NM27P040 [PLCC32]      | (59)  |
| Fairchild | NM27P210               |       |
| Fairchild | NM27P210 [PLCC44]      | (67)  |
| Fairchild | NM27P512               |       |
| Fairchild | NM27P512 [PLCC32]      | (59)  |
| Fairchild | NM34C02                |       |
| Fairchild | NM34C02 (ISP)          | (138) |
| Fairchild | NM34C02 [SO8]          | (950) |
| Fairchild | NM34C02 [TSSOP8]       | (121) |
| Fairchild | NM34W02                |       |
| Fairchild | NM34W02 (ISP)          | (138) |
| Fairchild | NM34W02 [SO8]          | (950) |
| Fairchild | NM34W02 [TSSOP8]       | (121) |
| Fairchild | NM59C11                |       |
| Fairchild | NM59C11 (ISP)          | (138) |
| Fairchild | NM59C11 (x8)           |       |
| Fairchild | NM59C11 (x8) (ISP)     | (138) |
| Fairchild | NM59C11 (x8) [SO8]     | (950) |
| Fairchild | NM59C11 [SO8]          | (46)  |
| Fairchild | NM93C06                |       |
| Fairchild | NM93C06 (ISP)          | (138) |
| Fairchild | NM93C06 [SOIC8]        | (950) |
| Fairchild | NM93C06 [TSSOP8]       | (121) |
| Fairchild | NM93C06L               |       |
| Fairchild | NM93C06L (ISP)         | (138) |
| Fairchild | NM93C06L [SOIC8]       | (950) |
| Fairchild | NM93C06L [TSSOP8]      | (121) |
| Fairchild | NM93C13                |       |
| Fairchild | NM93C13 (ISP)          | (138) |
| Fairchild | NM93C13 [SOIC8]        | (950) |
| Fairchild | NM93C14                |       |
| Fairchild | NM93C14 (ISP)          | (138) |
| Fairchild | NM93C14 [SOIC8]        | (950) |
| Fairchild | NM93C46                |       |
| Fairchild | NM93C46 (ISP)          | (138) |
| Fairchild | NM93C46 [SOIC8]        | (950) |
| Fairchild | NM93C46 [TSSOP8]       | (121) |
| Fairchild | NM93C46A               |       |
| Fairchild | NM93C46AL              |       |
| Fairchild | NM93C46L               |       |
| Fairchild | NM93C46T               |       |
| Fairchild | NM93C46T [SOIC8]       | (950) |
| Fairchild | NM93C46T [TSSOP8]      | (950) |
| Fairchild | NM93C56                |       |
| Fairchild | NM93C56 (ISP)          | (138) |
| Fairchild | NM93C56 [SOIC8]        | (950) |
| Fairchild | NM93C56 [TSSOP8]       | (121) |
| Fairchild | NM93C56A               |       |
| Fairchild | NM93C56A (ISP)         | (138) |
| Fairchild | NM93C56A (x8)          |       |
| Fairchild | NM93C56A (x8) (ISP)    | (138) |
| Fairchild | NM93C56A (x8) [SO8]    | (950) |
| Fairchild | NM93C56A (x8) [TSSOP8] | (121) |
| Fairchild | NM93C56A [SO8]         | (950) |
| Fairchild | NM93C56A [TSSOP8]      | (121) |
| Fairchild | NM93C56L               |       |
| Fairchild | NM93C56T               | (950) |
| Fairchild | NM93C56T [SOIC8]       | (950) |
| Fairchild | NM93C56T [TSSOP8]      | (950) |
| Fairchild | NM93C66                |       |
| Fairchild | NM93C66 (ISP)          | (138) |
| Fairchild | NM93C66 [SOIC8]        | (950) |
| Fairchild | NM93C66 [TSSOP8]       | (121) |
| Fairchild | NM93C66A               |       |
| Fairchild | NM93C66A (ISP)         | (138) |
| Fairchild | NM93C66A (x8)          |       |
| Fairchild | NM93C66A (x8) (ISP)    | (138) |
| Fairchild | NM93C66A (x8) [SO8]    | (950) |
| Fairchild | NM93C66A (x8) [TSSOP8] | (121) |
| Fairchild | NM93C66A [SO8]         | (950) |
| Fairchild | NM93C66A [TSSOP8]      | (121) |
| Fairchild | NM93C66L               |       |
| Fairchild | NM93C86A               |       |
| Fairchild | NM93C86A (ISP)         | (138) |
| Fairchild | NM93C86A (x8)          |       |
| Fairchild | NM93C86A (x8) (ISP)    | (138) |
| Fairchild | NM93C86A (x8) [SOIC8]  | (950) |
| Fairchild | NM93C86A (x8) [TSSOP8] | (121) |
| Fairchild | NM93C86A [SOIC8]       | (950) |
| Fairchild | NM93C86A [TSSOP8]      | (121) |
| Fairchild | NM93C86AL              |       |
| Fairchild | NM93CS06               |       |
| Fairchild | NM93CS06 (ISP)         | (138) |
| Fairchild | NM93CS06 [SOIC8]       | (950) |
| Fairchild | NM93CS06 [TSSOP8]      | (121) |
| Fairchild | NM93CS06L              |       |
| Fairchild | NM93CS06LZ             |       |
| Fairchild | NM93CS26               |       |
| Fairchild | NM93CS46               |       |
| Fairchild | NM93CS46 (ISP)         | (138) |
| Fairchild | NM93CS46 [SOIC8]       | (950) |
| Fairchild | NM93CS46 [TSSOP8]      | (121) |
| Fairchild | NM93CS46L              |       |
| Fairchild | NM93CS46LZ             |       |
| Fairchild | NM93CS56               |       |
| Fairchild | NM93CS56 (ISP)         | (138) |
| Fairchild | NM93CS56 [SOIC8]       | (950) |
| Fairchild | NM93CS56 [TSSOP8]      | (121) |
| Fairchild | NM93CS56L              |       |
| Fairchild | NM93CS56LZ             |       |
| Fairchild | NM93CS66               |       |
| Fairchild | NM93CS66 (ISP)         | (138) |
| Fairchild | NM93CS66 [SOIC14]      | (951) |
| Fairchild | NM93CS66 [SOIC8]       | (950) |



|           |                                   |             |
|-----------|-----------------------------------|-------------|
| Fairchild | NM93CS66 [TSSOP8]                 | (121)       |
| Fairchild | NM93CS66L                         |             |
| Fairchild | NM93CS66L [SOIC14]                | (951)       |
| Fairchild | NM93CS66LZ                        |             |
| Fairchild | NM93S06                           |             |
| Fairchild | NM93S46                           |             |
| Fairchild | NM93S56                           |             |
| Fairchild | NM93S66                           |             |
| Fairchild | NMC87C257                         |             |
| Fairchild | NMC87C257 [PLCC32]                | (59)        |
| Fidelix   | FM25M04A                          |             |
| Fidelix   | FM25M04A (ISP)                    | (138)       |
| Fidelix   | FM25M04A [SOIC8-150]              | (3095) (*1) |
| Fidelix   | FM25M04A [SOIC8-150] (Quad I/O)   | (3094) (*1) |
| Fidelix   | FM25M04A [SOIC8-200]              | (3088) (*1) |
| Fidelix   | FM25M04A [SOIC8-200] (Quad I/O)   | (3087) (*1) |
| Fidelix   | FM25M04A [USON8]                  | (3934) (*1) |
| Fidelix   | FM25M04A [USON8] (Quad I/O)       | (3934) (*1) |
| Fidelix   | FM25M04A [VSOP8-200]              | (3088) (*1) |
| Fidelix   | FM25M04A [VSOP8-200] (Quad I/O)   | (3087) (*1) |
| Fidelix   | FM25M04A [WSN8 6x5] (Quad I/O)    | (4117) (*1) |
| Fidelix   | FM25M04A [WSN8]                   | (3097) (*1) |
| Fidelix   | FM25M08A                          |             |
| Fidelix   | FM25M08A (ISP)                    | (138)       |
| Fidelix   | FM25M08A [SOIC16]                 | (3101) (*1) |
| Fidelix   | FM25M08A [SOIC16] (Quad I/O)      | (3100) (*1) |
| Fidelix   | FM25M08A [SOIC8-150]              | (3095) (*1) |
| Fidelix   | FM25M08A [SOIC8-150] (Quad I/O)   | (3094) (*1) |
| Fidelix   | FM25M08A [SOIC8-200]              | (3088) (*1) |
| Fidelix   | FM25M08A [SOIC8-200] (Quad I/O)   | (3087) (*1) |
| Fidelix   | FM25M08A [TFBGA24 6x8]            | (1268) (*1) |
| Fidelix   | FM25M08A [TFBGA24 6x8] (Quad I/O) | (1268) (*1) |
| Fidelix   | FM25M08A [VSOP8-200]              | (3088) (*1) |
| Fidelix   | FM25M08A [VSOP8-200] (Quad I/O)   | (3087) (*1) |
| Fidelix   | FM25M08A [WSN8 6x5] (Quad I/O)    | (4117) (*1) |
| Fidelix   | FM25M08A [WSN8]                   | (3097) (*1) |
| Fidelix   | FM25M16A                          |             |
| Fidelix   | FM25M16A (ISP)                    | (138)       |
| Fidelix   | FM25M16A [SOIC16]                 | (3101) (*1) |
| Fidelix   | FM25M16A [SOIC16] (Quad I/O)      | (3100) (*1) |
| Fidelix   | FM25M16A [SOIC8-150]              | (3095) (*1) |
| Fidelix   | FM25M16A [SOIC8-150] (Quad I/O)   | (3094) (*1) |
| Fidelix   | FM25M16A [SOIC8-200]              | (3088) (*1) |
| Fidelix   | FM25M16A [SOIC8-200] (Quad I/O)   | (3087) (*1) |
| Fidelix   | FM25M16A [TFBGA24 6x8]            | (1268) (*1) |
| Fidelix   | FM25M16A [TFBGA24 6x8] (Quad I/O) | (1268) (*1) |
| Fidelix   | FM25M16A [VSOP8-200]              | (3088) (*1) |
| Fidelix   | FM25M16A [VSOP8-200] (Quad I/O)   | (3087) (*1) |
| Fidelix   | FM25M16A [WSN8 6x5] (Quad I/O)    | (4117) (*1) |
| Fidelix   | FM25M16A [WSN8]                   | (3097) (*1) |
| Fidelix   | FM25M32A                          |             |
| Fidelix   | FM25M32A (ISP)                    | (138)       |
| Fidelix   | FM25M32A [SOIC16]                 | (3101) (*1) |
| Fidelix   | FM25M32A [SOIC16] (Quad I/O)      | (3100) (*1) |
| Fidelix   | FM25M32A [SOIC8-200]              | (3088) (*1) |
| Fidelix   | FM25M32A [SOIC8-200] (Quad I/O)   | (3087) (*1) |
| Fidelix   | FM25M32A [VSOP8-200]              | (3088) (*1) |
| Fidelix   | FM25M32A [VSOP8-200] (Quad I/O)   | (3087) (*1) |
| Fidelix   | FM25M32A [WSN8 6x5] (Quad I/O)    | (4117) (*1) |
| Fidelix   | FM25M32A [WSN8]                   | (3097) (*1) |
| Fidelix   | FM25M32B (ISP)                    | (138)       |
| Fidelix   | FM25M32B [WSN8 6x5]               | (4117) (*1) |
| Fidelix   | FM25M32B [WSN8 6x5] (Quad I/O)    | (4117) (*1) |
| Fidelix   | FM25M4AA (ISP)                    | (138)       |
| Fidelix   | FM25M4AA [SOIC16]                 | (3101) (*1) |
| Fidelix   | FM25M4AA [SOIC16] (Quad I/O)      | (3100) (*1) |
| Fidelix   | FM25M4AA [SOIC8-200]              | (3088) (*1) |
| Fidelix   | FM25M4AA [SOIC8-200] (Quad I/O)   | (3087) (*1) |
| Fidelix   | FM25M4AA [VSOP8-200]              | (3088) (*1) |
| Fidelix   | FM25M4AA [VSOP8-200] (Quad I/O)   | (3087) (*1) |
| Fidelix   | FM25M4AA [WSN8 6x5]               | (3097) (*1) |
| Fidelix   | FM25M4AA [WSN8 6x5] (Quad I/O)    | (4117) (*1) |
| Fidelix   | FM25M4AA [WSN8 8x6]               | (3053) (*1) |
| Fidelix   | FM25M4AA [WSN8 8x6] (Quad I/O)    | (3926) (*1) |
| Fidelix   | FM25M4SA [WSN9 6x5]               | (4260) (*1) |
| Fidelix   | FM25M4SA [WSN9 6x5] (Quad I/O)    | (4260) (*1) |
| Fidelix   | FM25M64A                          |             |
| Fidelix   | FM25M64A (ISP)                    | (138)       |
| Fidelix   | FM25M64A [SOIC16]                 | (3101) (*1) |
| Fidelix   | FM25M64A [SOIC16] (Quad I/O)      | (3100) (*1) |
| Fidelix   | FM25M64A [SOIC8-200]              | (3088) (*1) |
| Fidelix   | FM25M64A [SOIC8-200] (Quad I/O)   | (3087) (*1) |
| Fidelix   | FM25M64A [VSOP8-200]              | (3088) (*1) |
| Fidelix   | FM25M64A [VSOP8-200] (Quad I/O)   | (3087) (*1) |
| Fidelix   | FM25M64A [WSN8 6x5] (Quad I/O)    | (4117) (*1) |
| Fidelix   | FM25M64A [WSN8]                   | (3097) (*1) |
| Fidelix   | FM25Q08                           |             |
| Fidelix   | FM25Q08 (ISP)                     | (138)       |
| Fidelix   | FM25Q08 [SOIC16]                  | (3101) (*1) |
| Fidelix   | FM25Q08 [SOIC8-150]               | (3095) (*1) |
| Fidelix   | FM25Q08 [SOIC8-200]               | (3088) (*1) |
| Fidelix   | FM25Q08 [WSN8]                    | (3097) (*1) |
| Fidelix   | FM25Q08A                          |             |
| Fidelix   | FM25Q08A (ISP)                    | (138)       |
| Fidelix   | FM25Q08A [SOIC16]                 | (3101) (*1) |
| Fidelix   | FM25Q08A [SOIC8-150]              | (3095) (*1) |
| Fidelix   | FM25Q08A [SOIC8-200]              | (3088) (*1) |
| Fidelix   | FM25Q08A [WSN8]                   | (3097) (*1) |
| Fidelix   | FM25Q16                           |             |
| Fidelix   | FM25Q16 (ISP)                     | (138)       |
| Fidelix   | FM25Q16 [SOIC16]                  | (3101) (*1) |
| Fidelix   | FM25Q16 [SOIC16] (QuadSPI)        | (3101) (*1) |
| Fidelix   | FM25Q16 [SOIC8-150]               | (3095) (*1) |
| Fidelix   | FM25Q16 [SOIC8-150] (QuadSPI)     | (3095) (*1) |
| Fidelix   | FM25Q16 [SOIC8-200]               | (3088) (*1) |
| Fidelix   | FM25Q16 [SOIC8-200] (QuadSPI)     | (3088) (*1) |
| Fidelix   | FM25Q16 [WSN8]                    | (3097) (*1) |
| Fidelix   | FM25Q16 [WSN8] (QuadSPI)          | (3097) (*1) |
| Fidelix   | FM25Q16A                          |             |
| Fidelix   | FM25Q16A (ISP)                    | (138)       |
| Fidelix   | FM25Q16A [SOIC16]                 | (3101) (*1) |
| Fidelix   | FM25Q16A [SOIC16] (QuadSPI)       | (3101) (*1) |
| Fidelix   | FM25Q16A [SOIC8-150]              | (3095) (*1) |
| Fidelix   | FM25Q16A [SOIC8-150] (QuadSPI)    | (3095) (*1) |
| Fidelix   | FM25Q16A [SOIC8-200]              | (3088) (*1) |
| Fidelix   | FM25Q16A [SOIC8-200] (QuadSPI)    | (3088) (*1) |
| Fidelix   | FM25Q16A [WSN8]                   | (3097) (*1) |
| Fidelix   | FM25Q16A [WSN8] (QuadSPI)         | (3097) (*1) |
| Fidelix   | FM25Q16B                          |             |
| Fidelix   | FM25Q16B (ISP)                    | (138)       |
| Fidelix   | FM25Q16B [SOIC16]                 | (3101) (*1) |
| Fidelix   | FM25Q16B [SOIC16] (QuadSPI)       | (3101) (*1) |
| Fidelix   | FM25Q16B [SOIC8-150]              | (3095) (*1) |
| Fidelix   | FM25Q16B [SOIC8-150] (QuadSPI)    | (3095) (*1) |
| Fidelix   | FM25Q16B [SOIC8-200]              | (3088) (*1) |
| Fidelix   | FM25Q16B [SOIC8-200] (QuadSPI)    | (3088) (*1) |
| Fidelix   | FM25Q16B [TFBGA24 6x8]            | (1268) (*1) |
| Fidelix   | FM25Q16B [TFBGA24 6x8] (QuadSPI)  | (1268) (*1) |

|                   |                                   |               |
|-------------------|-----------------------------------|---------------|
| Fidelix           | FM25Q16B [wSON8]                  | (3097) (*1)   |
| Fidelix           | FM25Q16B [wSON8] (QuadSPI)        | (3097) (*1)   |
| Fidelix           | FM25Q32                           |               |
| Fidelix           | FM25Q32 (ISP)                     | (138)         |
| Fidelix           | FM25Q32 [SOIC16]                  | (3101) (*1)   |
| Fidelix           | FM25Q32 [SOIC8-150]               | (3095) (*1)   |
| Fidelix           | FM25Q32 [SOIC8-200]               | (3088) (*1)   |
| Fidelix           | FM25Q32 [wSON8]                   | (3097) (*1)   |
| Fidelix           | FM25Q32A                          |               |
| Fidelix           | FM25Q32A (ISP)                    | (138)         |
| Fidelix           | FM25Q32A [SOIC16]                 | (3101) (*1)   |
| Fidelix           | FM25Q32A [SOIC8-150]              | (3095) (*1)   |
| Fidelix           | FM25Q32A [SOIC8-200]              | (3088) (*1)   |
| Fidelix           | FM25Q32A [wSON8]                  | (3097) (*1)   |
| Fidelix           | FM25Q64                           |               |
| Fidelix           | FM25Q64 (ISP)                     | (138)         |
| Fidelix           | FM25Q64 [SOIC16]                  | (3101) (*1)   |
| Fidelix           | FM25Q64 [SOIC8-200]               | (3088) (*1)   |
| Fidelix           | FM25Q64 [wSON8]                   | (3097) (*1)   |
| Fidelix           | FM25Q64A                          |               |
| Fidelix           | FM25Q64A (ISP)                    | (138)         |
| Fidelix           | FM25Q64A [SOIC16]                 | (3101) (*1)   |
| Fidelix           | FM25Q64A [SOIC8-200]              | (3088) (*1)   |
| Fidelix           | FM25Q64A [wSON8]                  | (3097) (*1)   |
| Fidelix           | FM25S16A                          |               |
| Fidelix           | FM25S16A (ISP)                    | (138)         |
| Fidelix           | FM25S16A [SOIC16]                 | (3101) (*1)   |
| Fidelix           | FM25S16A [SOIC8-150]              | (3095) (*1)   |
| Fidelix           | FM25S16A [SOIC8-200]              | (3088) (*1)   |
| Fidelix           | FM25S16A [wSON8]                  | (3097) (*1)   |
| Fidelix           | FMN1ED1SBJ [FBGA130]              | (2571) (*1)   |
| Fidelix           | FMN1ED5SBJ [FBGA107]              | (687)         |
| Fidelix           | FMN1ED6SBS [FBGA107]              | (687)         |
| Fidelix           | FMN1ES5TBA [FBGA137]              | (3047) (*1)   |
| Fidelix           | FMN1SD5SBA [FBGA130]              | (2571) (*1)   |
| Fidelix           | FMN1SD5SBJ [FBGA130]              | (2571) (*1)   |
| Fidelix           | FMN1SD5SBS [FBGA107]              | (1208)        |
| Fidelix           | FMN1SD5SBS [FBGA130]              | (2571) (*1)   |
| Fidelix           | FMN1SD5TBS [FBGA137]              | (3022) (*1)   |
| Fidelix           | FMN1SD6SBS [FBGA130]              | (2571) (*1)   |
| Fidelix           | FMN2ED1SBK [FBGA130]              | (2571) (*1)   |
| Fidelix           | FMN2ED1TBK [FBGA130]              | (2571) (*1)   |
| Fidelix           | FMN2ET1TCD-xxxH [FBGA162]         | (3366)        |
| Fidelix           | FMN2ET1TCK-xxxH [FBGA162]         | (3366)        |
| Fidelix           | FMN2ET2SCK-xxxG [FBGA162]         | (3366)        |
| Fidelix           | FMN2ET2TCJ-xxxH [FBGA162]         | (3366)        |
| Fidelix           | FMN2ET2TCK-xxxH [FBGA162]         | (3366)        |
| Fidelix           | FMN2SD1SBK [FBGA130]              | (2571) (*1)   |
| Fidelix           | FMN2SD1SBR [FBGA130]              | (2571) (*1)   |
| Fidelix           | FMN2SD5SBR [FBGA130]              | (2571) (*1)   |
| Fidelix           | FMN4SD2DBK [FBGA137]              | (3022) (*1)   |
| Fidelix           | FMND1G08S3D [FBGA67]              | (3126)        |
| Fidelix           | FMND1G08S3J [FBGA67]              | (3126)        |
| Fidelix           | FMND1G08U3A [TSOP48]              | (1266) (*1)   |
| Fidelix           | FMND1G08U3B [FBGA63]              | (2690) (*1)   |
| Fidelix           | FMND1G08U3B [TSOP48]              | (1266) (*1)   |
| Fidelix           | FMND1G08U3D [TSOP48]              | (1266) (*1)   |
| Fidelix           | FMND1G08U3D [TSOP48] (LGE-69)     | (1266) (*1)   |
| Fidelix           | FMND1G08U3J [TSOP48]              | (1266) (*1)   |
| Fidelix           | FMND1G08U3J [TSOP48] (LGE-70)     | (1266) (*1)   |
| Fidelix           | FMND1G08U3J [TSOP48] (LGE-71)     | (1266) (*1)   |
| Fidelix           | FMND2G08U3B [FBGA63]              | (2690) (*1)   |
| Fidelix           | FMND2G08U3B [TSOP48]              | (1266) (*1)   |
| Fidelix           | FMND2G08U3J [FBGA63] (128B spare) | (2690) (*1)   |
| Fidelix           | FMND2G08U3J [TSOP48] (128B spare) | (1266) (*1)   |
| Fidelix           | FMND5608U1A [FBGA48]              | (2753)        |
| Fidelix           | FMND5608U1A [TSOP48]              | (1266) (*1)   |
| Finisar           | QSFP+                             | (3319) (9999) |
| Finisar           | SFP                               | (1232) (9999) |
| Finisar           | SFP+                              | (1232) (9999) |
| Finisar           | XFP                               | (1314) (9999) |
| First-Rank Techn. | T24C02                            |               |
| First-Rank Techn. | T24C02 (ISP)                      | (138)         |
| First-Rank Techn. | T24C02 [SOP8]                     | (950)         |
| First-Rank Techn. | T24C02 [TSSOP8]                   | (121)         |
| First-Rank Techn. | T24C04                            |               |
| First-Rank Techn. | T24C04 (ISP)                      | (138)         |
| First-Rank Techn. | T24C04 [SOP8]                     | (950)         |
| First-Rank Techn. | T24C04 [TSSOP8]                   | (121)         |
| First-Rank Techn. | T24C08                            |               |
| First-Rank Techn. | T24C08 (ISP)                      | (138)         |
| First-Rank Techn. | T24C08 [SOP8]                     | (950)         |
| First-Rank Techn. | T24C08 [TSSOP8]                   | (121)         |
| First-Rank Techn. | T24C128                           |               |
| First-Rank Techn. | T24C128 (ISP)                     | (138)         |
| First-Rank Techn. | T24C128 [SOP8]                    | (950)         |
| First-Rank Techn. | T24C128 [TSSOP8]                  | (121)         |
| First-Rank Techn. | T24C16                            |               |
| First-Rank Techn. | T24C16 (ISP)                      | (138)         |
| First-Rank Techn. | T24C16 [SOP8]                     | (950)         |
| First-Rank Techn. | T24C16 [TSSOP8]                   | (121)         |
| First-Rank Techn. | T24C256                           |               |
| First-Rank Techn. | T24C256 (ISP)                     | (138)         |
| First-Rank Techn. | T24C256 [SOP8]                    | (950)         |
| First-Rank Techn. | T24C256 [TSSOP8]                  | (121)         |
| First-Rank Techn. | T24C32                            |               |
| First-Rank Techn. | T24C32 (ISP)                      | (138)         |
| First-Rank Techn. | T24C32 [SOP8]                     | (950)         |
| First-Rank Techn. | T24C32 [TSSOP8]                   | (121)         |
| First-Rank Techn. | T24C64                            |               |
| First-Rank Techn. | T24C64 (ISP)                      | (138)         |
| First-Rank Techn. | T24C64 [SOP8]                     | (950)         |
| First-Rank Techn. | T24C64 [TSSOP8]                   | (121)         |
| First-Rank Techn. | T25S10 (ISP)                      | (138)         |
| First-Rank Techn. | T25S10 [SOP8-150]                 | (3095) (*1)   |
| First-Rank Techn. | T25S10 [SOP8-208]                 | (3088) (*1)   |
| First-Rank Techn. | T25S16 (ISP)                      | (138)         |
| First-Rank Techn. | T25S16 [SOP8-208]                 | (3088) (*1)   |
| First-Rank Techn. | T25S20 (ISP)                      | (138)         |
| First-Rank Techn. | T25S20 [SOP8-150]                 | (3095) (*1)   |
| First-Rank Techn. | T25S20 [SOP8-208]                 | (3088) (*1)   |
| First-Rank Techn. | T25S32 (ISP)                      | (138)         |
| First-Rank Techn. | T25S32 [SOP8-208]                 | (3088) (*1)   |
| First-Rank Techn. | T25S32 [USON8 4x3]                | (2430)        |
| First-Rank Techn. | T25S40 (ISP)                      | (138)         |
| First-Rank Techn. | T25S40 [SOP8-150]                 | (3095) (*1)   |
| First-Rank Techn. | T25S40 [SOP8-208]                 | (3088) (*1)   |
| First-Rank Techn. | T25S512 (ISP)                     | (138)         |
| First-Rank Techn. | T25S512 [SOP8-208]                | (3088) (*1)   |
| First-Rank Techn. | T25S80 (ISP)                      | (138)         |
| First-Rank Techn. | T25S80 [SOP8-150]                 | (3095) (*1)   |
| First-Rank Techn. | T25S80 [SOP8-208]                 | (3088) (*1)   |
| First-Rank Techn. | T93C46 (x16)                      |               |
| First-Rank Techn. | T93C46 (x16) (ISP)                | (138)         |
| First-Rank Techn. | T93C46 (x16) [TSSOP8]             | (121)         |
| First-Rank Techn. | T93C46 (x16) [SOIC8-150]          | (950)         |
| First-Rank Techn. | T93C46 (x8)                       |               |
| First-Rank Techn. | T93C46 (x8) (ISP)                 | (138)         |

|                    |                               |               |
|--------------------|-------------------------------|---------------|
| First-Rank Techn.  | T93C46 (x8) [SOIC8-150]       | (950)         |
| First-Rank Techn.  | T93C46 (x8) [TSSOP8]          | (121)         |
| First-Rank Techn.  | T93C56 (x16)                  |               |
| First-Rank Techn.  | T93C56 (x16) (ISP)            | (138)         |
| First-Rank Techn.  | T93C56 (x16) [TSSOP8]         | (121)         |
| First-Rank Techn.  | T93C56 (x16) [SOIC8-150]      | (950)         |
| First-Rank Techn.  | T93C56 (x8)                   |               |
| First-Rank Techn.  | T93C56 (x8) (ISP)             | (138)         |
| First-Rank Techn.  | T93C56 (x8) [SOIC8-150]       | (950)         |
| First-Rank Techn.  | T93C56 (x8) [TSSOP8]          | (121)         |
| First-Rank Techn.  | T93C66 (x16)                  |               |
| First-Rank Techn.  | T93C66 (x16) (ISP)            | (138)         |
| First-Rank Techn.  | T93C66 (x16) [TSSOP8]         | (121)         |
| First-Rank Techn.  | T93C66 (x16) [SOIC8-150]      | (950)         |
| First-Rank Techn.  | T93C66 (x8)                   |               |
| First-Rank Techn.  | T93C66 (x8) (ISP)             | (138)         |
| First-Rank Techn.  | T93C66 (x8) [SOIC8-150]       | (950)         |
| First-Rank Techn.  | T93C66 (x8) [TSSOP8]          | (121)         |
| Flexxon            | FEMC004GTTG7-T13-16 [FBGA100] | (3113) (*1)   |
| Flexxon            | FEMC004GTTG7-T24-10 [FBGA153] | (3148) (*1)   |
| Flexxon            | FEMC004GTTG7-T24-18 [FBGA153] | (3148) (*1)   |
| Flexxon            | FEMC008GTTG7-T13-16 [FBGA100] | (3113) (*1)   |
| Flexxon            | FEMC008GTTG7-T14-10 [FBGA153] | (3148) (*1)   |
| Flexxon            | FEMC008GTTG7-T14-18 [FBGA153] | (3148) (*1)   |
| Flexxon            | FEMC016GTTG7-T14-10 [FBGA153] | (3148) (*1)   |
| Flexxon            | FEMC016GTTG7-T14-18 [FBGA153] | (3148) (*1)   |
| Flexxon            | FEMC032GTTG7-T14-20 [FBGA153] | (3148) (*1)   |
| Flexxon            | FEMC064GTTG7-T14-40 [FBGA153] | (3148) (*1)   |
| Flexxon            | FHND001CVT0 [TSOP48]          | (3075)        |
| Flexxon            | FHND001CVT0 [TSOP48] (EPS-21) | (3075) (9999) |
| Force Technologies | FT24C01                       |               |
| Force Technologies | FT24C01 (ISP)                 | (138)         |
| Force Technologies | FT24C01 [SOIC8]               | (950)         |
| Force Technologies | FT24C01 [TSSOP8]              | (121)         |
| Force Technologies | FT24C01A                      |               |
| Force Technologies | FT24C01A (ISP)                | (138)         |
| Force Technologies | FT24C01A [SOIC8]              | (950)         |
| Force Technologies | FT24C01A [TSSOP8]             | (121)         |
| Force Technologies | FT24C02                       |               |
| Force Technologies | FT24C02 (ISP)                 | (138)         |
| Force Technologies | FT24C02 [SOIC8]               | (950)         |
| Force Technologies | FT24C02 [TSSOP8]              | (121)         |
| Force Technologies | FT24C02A                      |               |
| Force Technologies | FT24C02A (ISP)                | (138)         |
| Force Technologies | FT24C02A [SOIC8]              | (950)         |
| Force Technologies | FT24C02A [TSSOP8]             | (121)         |
| Force Technologies | FT24C04                       |               |
| Force Technologies | FT24C04 (ISP)                 | (138)         |
| Force Technologies | FT24C04 [SOIC8]               | (950)         |
| Force Technologies | FT24C04 [TSSOP8]              | (121)         |
| Force Technologies | FT24C04A                      |               |
| Force Technologies | FT24C04A (ISP)                | (138)         |
| Force Technologies | FT24C04A [SOIC8]              | (950)         |
| Force Technologies | FT24C04A [TSSOP8]             | (121)         |
| Force Technologies | FT24C08                       |               |
| Force Technologies | FT24C08 (ISP)                 | (138)         |
| Force Technologies | FT24C08 [SOIC8]               | (950)         |
| Force Technologies | FT24C08 [TSSOP8]              | (121)         |
| Force Technologies | FT24C08A                      |               |
| Force Technologies | FT24C08A (ISP)                | (138)         |
| Force Technologies | FT24C08A [SOIC8]              | (950)         |
| Force Technologies | FT24C08A [TSSOP8]             | (121)         |
| Force Technologies | FT24C128                      |               |
| Force Technologies | FT24C128 (ISP)                | (138)         |
| Force Technologies | FT24C128 [SOIC8]              | (950)         |
| Force Technologies | FT24C128 [TSSOP8]             | (121)         |
| Force Technologies | FT24C128A                     |               |
| Force Technologies | FT24C128A (ISP)               | (138)         |
| Force Technologies | FT24C128A [SOIC8]             | (950)         |
| Force Technologies | FT24C128A [TSSOP8]            | (121)         |
| Force Technologies | FT24C16                       |               |
| Force Technologies | FT24C16 (ISP)                 | (138)         |
| Force Technologies | FT24C16 [SOIC8]               | (950)         |
| Force Technologies | FT24C16 [TSSOP8]              | (121)         |
| Force Technologies | FT24C16A                      |               |
| Force Technologies | FT24C16A (ISP)                | (138)         |
| Force Technologies | FT24C16A [SOIC8]              | (950)         |
| Force Technologies | FT24C16A [TSSOP8]             | (121)         |
| Force Technologies | FT24C256                      |               |
| Force Technologies | FT24C256 (ISP)                | (138)         |
| Force Technologies | FT24C256 [SOIC8]              | (950)         |
| Force Technologies | FT24C256 [TSSOP8]             | (121)         |
| Force Technologies | FT24C256A                     |               |
| Force Technologies | FT24C256A (ISP)               | (138)         |
| Force Technologies | FT24C256A [SOIC8]             | (950)         |
| Force Technologies | FT24C256A [TSSOP8]            | (121)         |
| Force Technologies | FT24C256B                     |               |
| Force Technologies | FT24C256B (ISP)               | (138)         |
| Force Technologies | FT24C256B [SOIC8]             | (950)         |
| Force Technologies | FT24C256B [TSSOP8]            | (121)         |
| Force Technologies | FT24C32                       |               |
| Force Technologies | FT24C32 (ISP)                 | (138)         |
| Force Technologies | FT24C32 [SOIC8]               | (950)         |
| Force Technologies | FT24C32 [TSSOP8]              | (121)         |
| Force Technologies | FT24C32A                      |               |
| Force Technologies | FT24C32A (ISP)                | (138)         |
| Force Technologies | FT24C32A [SOIC8]              | (950)         |
| Force Technologies | FT24C32A [TSSOP8]             | (121)         |
| Force Technologies | FT24C64                       |               |
| Force Technologies | FT24C64 (ISP)                 | (138)         |
| Force Technologies | FT24C64 [SOIC8]               | (950)         |
| Force Technologies | FT24C64 [TSSOP8]              | (121)         |
| Force Technologies | FT24C64A                      |               |
| Force Technologies | FT24C64A (ISP)                | (138)         |
| Force Technologies | FT24C64A [SOIC8]              | (950)         |
| Force Technologies | FT24C64A [TSSOP8]             | (121)         |
| Force Technologies | FTE24C08A                     |               |
| Force Technologies | FTE24C08A (ISP)               | (138)         |
| Force Technologies | FTE24C08A [CFP8]              | (98)          |
| Force Technologies | FTE24C08A [SOIC8]             | (950)         |
| Force Technologies | FTE24C256                     |               |
| Force Technologies | FTE24C256 (ISP)               | (138)         |
| Force Technologies | FTE24C256 [CFP8]              | (98)          |
| Force Technologies | FTE24C256 [SOIC8]             | (950)         |
| Force Technologies | FTE24C32A                     |               |
| Force Technologies | FTE24C32A (ISP)               | (138)         |
| Force Technologies | FTE24C32A [CFP8]              | (98)          |
| Force Technologies | FTE24C32A [SOIC8]             | (950)         |
| Force Technologies | FTE24C32B                     |               |
| Force Technologies | FTE24C32B (ISP)               | (138)         |
| Force Technologies | FTE24C32B [CFP8]              | (98)          |
| Force Technologies | FTE24C32B [SOIC8]             | (950)         |
| Force Technologies | FTE24C64A                     |               |
| Force Technologies | FTE24C64A (ISP)               | (138)         |
| Force Technologies | FTE24C64A [CFP8]              | (98)          |
| Force Technologies | FTE24C64A [SOIC8]             | (950)         |
| Force Technologies | FTE24C64B                     |               |
| Force Technologies | FTE24C64B (ISP)               | (138)         |

|                    |                                  |              |
|--------------------|----------------------------------|--------------|
| Force Technologies | FTE24C64B [CFP8]                 | (98)         |
| Force Technologies | FTE24C64B [SOIC8]                | (950)        |
| FORESEE            | FS25Q004F1 [SOP8-150]            | (3094) (*1)  |
| FORESEE            | FS25Q004F1 [SOP8-150] (Quad I/o) | (3094) (*1)  |
| FORESEE            | FS25Q004F1 [SOP8-200]            | (3087) (*1)  |
| FORESEE            | FS25Q004F1 [SOP8-200] (Quad I/o) | (3087) (*1)  |
| FORESEE            | FS25Q008F1 [SOP8-150]            | (3094) (*1)  |
| FORESEE            | FS25Q008F1 [SOP8-150] (Quad I/o) | (3094) (*1)  |
| FORESEE            | FS25Q008F1 [SOP8-200]            | (3087) (*1)  |
| FORESEE            | FS25Q008F1 [SOP8-200] (Quad I/o) | (3087) (*1)  |
| FORESEE            | FS25Q016F2 [SOP8-150]            | (3094) (*1)  |
| FORESEE            | FS25Q016F2 [SOP8-150] (Quad I/o) | (3094) (*1)  |
| FORESEE            | FS25Q016F2 [SOP8-200]            | (3087) (*1)  |
| FORESEE            | FS25Q016F2 [SOP8-200] (Quad I/o) | (3087) (*1)  |
| FORESEE            | FS25Q064F2 [SOP8-200]            | (3087) (*1)  |
| FORESEE            | FS25Q064F2 [SOP8-200] (Quad I/o) | (3087) (*1)  |
| FORESEE            | FS25Q128F2 [SOP8-200]            | (3087) (*1)  |
| FORESEE            | FS25Q128F2 [SOP8-200] (Quad I/o) | (3087) (*1)  |
| FORESEE            | FS25W032F2 [SOP8-200]            | (3087) (*1)  |
| FORESEE            | FS25W032F2 [SOP8-200] (Quad I/o) | (3087) (*1)  |
| FORESEE            | FS33ND01GH308TFCX [TSOP48]       | (3075)       |
| FORESEE            | FS33ND01GS108TFI0 [TSOP48]       | (3075)       |
| FORESEE            | FS33ND02GH208TFCX [TSOP48]       | (3075)       |
| FORESEE            | FS33ND04GS108TFI0 [TSOP48]       | (3075)       |
| FORESEE            | FS35ND01G-D1FIQWFI000 [WSON8]    | (4914) (*1)  |
| FORESEE            | FS35ND01G-D1FIQWHI100 [WSON8]    | (4914) (*1)  |
| FORESEE            | FS35ND01G-S1FIQWFI000 [WSON8]    | (4914) (*1)  |
| FORESEE            | FS35ND02G-S2FIQWFI000 [WSON8]    | (4914) (*1)  |
| Forward            | 24LC01                           |              |
| Forward            | 24LC01 (ISP)                     | (138)        |
| Forward            | 24LC01 [SOIC8]                   | (950)        |
| Forward            | 24LC02                           |              |
| Forward            | 24LC02 (ISP)                     | (138)        |
| Forward            | 24LC02 [SOIC8]                   | (950)        |
| Forward            | 24LC04                           |              |
| Forward            | 24LC04 (ISP)                     | (138)        |
| Forward            | 24LC04 [SOIC8]                   | (950)        |
| Forward            | 24LC08                           |              |
| Forward            | 24LC08 (ISP)                     | (138)        |
| Forward            | 24LC08 [SOIC8]                   | (950)        |
| Forward            | 24LC16                           |              |
| Forward            | 24LC16 (ISP)                     | (138)        |
| Forward            | 24LC16 [SOIC8]                   | (950)        |
| Forward            | 24LC32                           |              |
| Forward            | 24LC32 (ISP)                     | (138)        |
| Forward            | 24LC32 [SOIC8]                   | (950)        |
| Forward            | 24LC64                           |              |
| Forward            | 24LC64 (ISP)                     | (138)        |
| Forward            | 24LC64 [SOIC8]                   | (950)        |
| Freescale Semic.   | 9S12XEG128 (ISP)                 | (138)        |
| Freescale Semic.   | 9S12XEG128 [LQFP112]             | (699)        |
| Freescale Semic.   | 9S12XEG128 [QFP80]               | (698)        |
| Freescale Semic.   | FS32K142HxxxxLHX [LQFP64]        | (3212)       |
| Freescale Semic.   | FS32K142HxxxxLLX [LQFP100]       | (4516)       |
| Freescale Semic.   | FS32K142UxxxxLHX [LQFP64]        | (3212)       |
| Freescale Semic.   | FS32K142UxxxxLLX [LQFP100]       | (4516)       |
| Freescale Semic.   | FS32K144H [LQFP100]              | (4516)       |
| Freescale Semic.   | FS32K144H [LQFP64]               | (3212)       |
| Freescale Semic.   | FS32K144M [LQFP100]              | (4516)       |
| Freescale Semic.   | FS32K144M [LQFP64]               | (3212)       |
| Freescale Semic.   | FS32K144U [LQFP100]              | (4516)       |
| Freescale Semic.   | FS32K144U [LQFP64]               | (3212)       |
| Freescale Semic.   | FS32K146HxxxxLLX [LQFP100]       | (4516)       |
| Freescale Semic.   | FS32K146HxxxxLQX [LQFP144]       | (4890)       |
| Freescale Semic.   | FS32K146UxxxxLLX [LQFP100]       | (4516)       |
| Freescale Semic.   | FS32K146UxxxxLQX [LQFP144]       | (4890)       |
| Freescale Semic.   | FS32K148HxxxxLQX [LQFP144]       | (4890)       |
| Freescale Semic.   | FS32K148HxxxxLUX [LQFP176]       | (4912)       |
| Freescale Semic.   | FS32K148UxxxxLQX [LQFP144]       | (4890)       |
| Freescale Semic.   | FS32K148UxxxxLUX [LQFP176]       | (4912)       |
| Freescale Semic.   | FXTH8709116T1 [QFN24]            | (4677)       |
| Freescale Semic.   | FXTH8715116T1 [QFN24]            | (4677)       |
| Freescale Semic.   | MC13211 (ISP)                    | (138)        |
| Freescale Semic.   | MC13212 (ISP)                    | (138)        |
| Freescale Semic.   | MC13213 (ISP)                    | (138)        |
| Freescale Semic.   | MC32PF3000A0EP [QFN48]           | (3655)       |
| Freescale Semic.   | MC34PF3000A0EP [QFN48]           | (3655)       |
| Freescale Semic.   | MC510308QY1                      |              |
| Freescale Semic.   | MC510308QY1 (ISP 5-wire)         | (138)        |
| Freescale Semic.   | MC510308QY1 (ISP all-wire)       | (138)        |
| Freescale Semic.   | MC510308QY1 [SOIC16]             | (1060)       |
| Freescale Semic.   | MC510308QY1 [TSSOP16]            | (1088)       |
| Freescale Semic.   | MC510308QY2                      |              |
| Freescale Semic.   | MC510308QY2 (ISP 5-wire)         | (138)        |
| Freescale Semic.   | MC510308QY2 (ISP all-wire)       | (138)        |
| Freescale Semic.   | MC510308QY2 [SOIC16]             | (1060)       |
| Freescale Semic.   | MC510308QY2 [TSSOP16]            | (1088)       |
| Freescale Semic.   | MC510308QY4                      |              |
| Freescale Semic.   | MC510308QY4 (ISP 5-wire)         | (138)        |
| Freescale Semic.   | MC510308QY4 (ISP all-wire)       | (138)        |
| Freescale Semic.   | MC510308QY4 [SOIC16]             | (1060)       |
| Freescale Semic.   | MC510308QY4 [TSSOP16]            | (1088)       |
| Freescale Semic.   | MC56F8002 (ISP)                  | (138) (9997) |
| Freescale Semic.   | MC56F8002 [SOIC28]               | (51)         |
| Freescale Semic.   | MC56F8006 (ISP)                  | (138)        |
| Freescale Semic.   | MC56F8006 [LQFP32]               | (159)        |
| Freescale Semic.   | MC56F8006 [LQFP48]               | (174)        |
| Freescale Semic.   | MC56F8006 [SOIC28]               | (51)         |
| Freescale Semic.   | MC56F8011 (ISP)                  | (138) (9997) |
| Freescale Semic.   | MC56F8011 [LQFP32]               | (159)        |
| Freescale Semic.   | MC56F8013 (ISP)                  | (138)        |
| Freescale Semic.   | MC56F8013 [LQFP32]               | (159)        |
| Freescale Semic.   | MC56F8014 (ISP)                  | (138)        |
| Freescale Semic.   | MC56F8014 [LQFP32]               | (159)        |
| Freescale Semic.   | MC56F8023 (ISP)                  | (138)        |
| Freescale Semic.   | MC56F8023 [LQFP32]               | (159)        |
| Freescale Semic.   | MC56F8025 (ISP)                  | (138)        |
| Freescale Semic.   | MC56F8025 [LQFP44]               | (94)         |
| Freescale Semic.   | MC56F8027 (ISP)                  | (138) (9997) |
| Freescale Semic.   | MC56F8027 [LQFP64]               | (3452)       |
| Freescale Semic.   | MC56F8035 (ISP)                  | (138) (9997) |
| Freescale Semic.   | MC56F8035 [LQFP44]               | (94)         |
| Freescale Semic.   | MC56F8036 (ISP)                  | (138) (9997) |
| Freescale Semic.   | MC56F8036 [LQFP48]               | (174)        |
| Freescale Semic.   | MC56F8037 (ISP)                  | (138) (9997) |
| Freescale Semic.   | MC56F8037 [LQFP64]               | (3452)       |
| Freescale Semic.   | MC56F8122 (ISP)                  | (138) (9997) |
| Freescale Semic.   | MC56F8122 [LQFP48]               | (174)        |
| Freescale Semic.   | MC56F8135 (ISP)                  | (138) (9997) |
| Freescale Semic.   | MC56F8135 [LQFP128]              | (1029)       |
| Freescale Semic.   | MC56F8145 (ISP)                  | (138) (9997) |
| Freescale Semic.   | MC56F8145 [LQFP128]              | (1029)       |
| Freescale Semic.   | MC56F8146 (ISP)                  | (138) (9997) |
| Freescale Semic.   | MC56F8146 [LQFP144]              | (1045)       |
| Freescale Semic.   | MC56F8147 (ISP)                  | (138) (9997) |
| Freescale Semic.   | MC56F8147 [LQFP160]              | (1046)       |
| Freescale Semic.   | MC56F8155 (ISP)                  | (138) (9997) |
| Freescale Semic.   | MC56F8155 [LQFP128]              | (1029)       |

|                  |                 |                     |              |
|------------------|-----------------|---------------------|--------------|
| Freescale Semic. | MC56F8156       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8156       | [LQFP144]           | (1045)       |
| Freescale Semic. | MC56F8157       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8157       | [LQFP160]           | (1046)       |
| Freescale Semic. | MC56F8165       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8165       | [LQFP128]           | (1029)       |
| Freescale Semic. | MC56F8166       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8166       | [LQFP144]           | (1045)       |
| Freescale Semic. | MC56F8167       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8167       | [LQFP160]           | (1046)       |
| Freescale Semic. | MC56F8245       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8245       | [LQFP44]            | (94)         |
| Freescale Semic. | MC56F8246       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8246       | [LQFP48]            | (174)        |
| Freescale Semic. | MC56F8247       | [LQFP64]            | (3494)       |
| Freescale Semic. | MC56F8255       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8255       | [LQFP44]            | (94)         |
| Freescale Semic. | MC56F8256       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8256       | [LQFP48]            | (174)        |
| Freescale Semic. | MC56F8257       | [LQFP64]            | (3494)       |
| Freescale Semic. | MC56F82723      | [LQFP32]            | (3567)       |
| Freescale Semic. | MC56F82723      | [QFN32]             | (4236)       |
| Freescale Semic. | MC56F82726      | [LQFP48]            | (4314)       |
| Freescale Semic. | MC56F82733      | [LQFP32]            | (3567)       |
| Freescale Semic. | MC56F82733      | [QFN32]             | (4236)       |
| Freescale Semic. | MC56F82736      | [LQFP48]            | (4314)       |
| Freescale Semic. | MC56F82743      | [LQFP32]            | (3567)       |
| Freescale Semic. | MC56F82743      | [QFN32]             | (4236)       |
| Freescale Semic. | MC56F82746      | [LQFP48]            | (4314)       |
| Freescale Semic. | MC56F82748      | [LQFP64]            | (3722)       |
| Freescale Semic. | MC56F8322       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8322       | [LQFP48]            | (174)        |
| Freescale Semic. | MC56F8335       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8335       | [LQFP128]           | (1029)       |
| Freescale Semic. | MC56F8345       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8345       | [LQFP128]           | (1029)       |
| Freescale Semic. | MC56F8346       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8346       | [LQFP144]           | (1045)       |
| Freescale Semic. | MC56F8347       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8347       | [LQFP160]           | (1046)       |
| Freescale Semic. | MC56F8355       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8355       | [LQFP128]           | (1029)       |
| Freescale Semic. | MC56F8356       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8356       | [LQFP144]           | (1045)       |
| Freescale Semic. | MC56F8357       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8357       | [LQFP160]           | (1046)       |
| Freescale Semic. | MC56F8365       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8365       | [LQFP128]           | (1029)       |
| Freescale Semic. | MC56F8366       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8366       | [LQFP144]           | (1045)       |
| Freescale Semic. | MC56F8367       | (ISP)               | (138) (9997) |
| Freescale Semic. | MC56F8367       | [LQFP160]           | (1046)       |
| Freescale Semic. | MC56F84442      | [LQFP64]            | (3722)       |
| Freescale Semic. | MC56F84565      | [LQFP80]            | (3723)       |
| Freescale Semic. | MC56F84567      | [LQFP100]           | (3417)       |
| Freescale Semic. | MC56F84587      | [LQFP100]           | (3417)       |
| Freescale Semic. | MC56F84763      | [LQFP64]            | (3722)       |
| Freescale Semic. | MC56F84766      | [LQFP80]            | (3723)       |
| Freescale Semic. | MC56F84769      | [LQFP100]           | (3417)       |
| Freescale Semic. | MC56F84786      | [LQFP80]            | (3723)       |
| Freescale Semic. | MC56F84789      | [LQFP100]           | (3417)       |
| Freescale Semic. | MC68711E20      | [PLCC52]            | (111)        |
| Freescale Semic. | MC68711E20      | [QFP64]             | (112)        |
| Freescale Semic. | MC68711E20      | [QFP64-98ASB42844B] | (2736)       |
| Freescale Semic. | MC68908GR16     | [LQFP32]            | (159)        |
| Freescale Semic. | MC68908GZ16     | [LQFP32]            | (159)        |
| Freescale Semic. | MC68908GZ8      | [LQFP32]            | (159)        |
| Freescale Semic. | MC68908GZ8      | [LQFP48]            | (174)        |
| Freescale Semic. | MC68HC08AB16A   | [QFP64]             | (115)        |
| Freescale Semic. | MC68HC08AS32    | [PLCC52]            | (111)        |
| Freescale Semic. | MC68HC08AS32    | [QFP64]             | (115)        |
| Freescale Semic. | MC68HC08AS32A   | [QFP64]             | (115)        |
| Freescale Semic. | MC68HC08AZ32    | [QFP64]             | (115)        |
| Freescale Semic. | MC68HC08AZ32A   | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC08AZ32A   | [QFP64]             | (115)        |
| Freescale Semic. | MC68HC08AZ48A   | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC08AZ48A   | [QFP64]             | (115)        |
| Freescale Semic. | MC68HC08AZ60A   | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC08AZ60A   | [QFP64]             | (115)        |
| Freescale Semic. | MC68HC11A0      | [PLCC52]            | (111)        |
| Freescale Semic. | MC68HC11D3      | (ISP)               | (138)        |
| Freescale Semic. | MC68HC11E1      | (ISP)               | (138)        |
| Freescale Semic. | MC68HC11E1      | [PLCC52]            | (111)        |
| Freescale Semic. | MC68HC11E1      | [QFP64]             | (112)        |
| Freescale Semic. | MC68HC11E20     | (ISP)               | (138)        |
| Freescale Semic. | MC68HC11E20     | [PLCC52]            | (111)        |
| Freescale Semic. | MC68HC11E20     | [QFP64]             | (112)        |
| Freescale Semic. | MC68HC11E8      | (ISP)               | (138)        |
| Freescale Semic. | MC68HC11E8      | [PLCC52]            | (111)        |
| Freescale Semic. | MC68HC11E9      | (ISP)               | (138)        |
| Freescale Semic. | MC68HC11E9      | [PLCC52]            | (111)        |
| Freescale Semic. | MC68HC11E9      | [QFP64]             | (112)        |
| Freescale Semic. | MC68HC11F1      | (ISP)               | (138)        |
| Freescale Semic. | MC68HC11F1      | [PLCC68]            | (114)        |
| Freescale Semic. | MC68HC11F1      | [QFP80]             | (2333)       |
| Freescale Semic. | MC68HC11K1      | [PLCC84]            | (1116)       |
| Freescale Semic. | MC68HC11K1      | [QFP80]             | (697)        |
| Freescale Semic. | MC68HC11K4      | [PLCC84]            | (1116)       |
| Freescale Semic. | MC68HC11KA1     | [PLCC68]            | (114)        |
| Freescale Semic. | MC68HC11KA4     | [PLCC68]            | (114)        |
| Freescale Semic. | MC68HC11PH8xxx4 | [PLCC84]            | (1116)       |
| Freescale Semic. | MC68HC705B16    | [PLCC52]            | (110)        |
| Freescale Semic. | MC68HC705B16    | [QFP64]             | (113)        |
| Freescale Semic. | MC68HC705B16    | [SDIP56]            | (644)        |
| Freescale Semic. | MC68HC705B16N   | [PLCC52]            | (110)        |
| Freescale Semic. | MC68HC705B16N   | [QFP64]             | (113)        |
| Freescale Semic. | MC68HC705B16N   | [SDIP56]            | (644)        |
| Freescale Semic. | MC68HC705B32    | [PLCC52]            | (110)        |
| Freescale Semic. | MC68HC705B32    | [QFP64]             | (113)        |
| Freescale Semic. | MC68HC705B32    | [SDIP56]            | (644)        |
| Freescale Semic. | MC68HC705C8A    |                     |              |
| Freescale Semic. | MC68HC705C8A    | [PLCC44]            | (67)         |
| Freescale Semic. | MC68HC705C8A    | [QFP44]             | (108)        |
| Freescale Semic. | MC68HC705C9A    |                     |              |
| Freescale Semic. | MC68HC705C9A    | [PLCC44]            | (67)         |
| Freescale Semic. | MC68HC705C9A    | [QFP44]             | (108)        |
| Freescale Semic. | MC68HC705J1A    |                     |              |
| Freescale Semic. | MC68HC705J1A    | [SOIC20]            | (119)        |
| Freescale Semic. | MC68HC705J7     | [SOIC20]            | (119)        |
| Freescale Semic. | MC68HC705J7     |                     |              |
| Freescale Semic. | MC68HC705J7     | [SOIC28]            | (51)         |
| Freescale Semic. | MC68HC705KJ1    |                     |              |
| Freescale Semic. | MC68HC705KJ1    | [SOIC16]            | (1060)       |
| Freescale Semic. | MC68HC705P6     |                     |              |
| Freescale Semic. | MC68HC705P6     | [SOIC28]            | (51)         |
| Freescale Semic. | MC68HC705P6A    |                     |              |
| Freescale Semic. | MC68HC705P6A    | [SOIC28]            | (51)         |
| Freescale Semic. | MC68HC705X32    | [QFP64]             | (113)        |

|                  |                |                     |              |
|------------------|----------------|---------------------|--------------|
| Freescale Semic. | MC68HC711D3    |                     |              |
| Freescale Semic. | MC68HC711D3    | (ISP)               | (138)        |
| Freescale Semic. | MC68HC711D3    | [PLCC44]            | (67)         |
| Freescale Semic. | MC68HC711E20   | (ISP)               | (138)        |
| Freescale Semic. | MC68HC711E20   | [PLCC52]            | (111)        |
| Freescale Semic. | MC68HC711E20   | [QFP64]             | (112)        |
| Freescale Semic. | MC68HC711E20   | [QFP64-98ASB42844B] | (2736)       |
| Freescale Semic. | MC68HC711E9    | (ISP)               | (138)        |
| Freescale Semic. | MC68HC711E9    | [PLCC52]            | (111)        |
| Freescale Semic. | MC68HC711E9    | [QFP64]             | (112)        |
| Freescale Semic. | MC68HC711EA9   | (ISP)               | (138) (9999) |
| Freescale Semic. | MC68HC711EA9   | [PLCC52]            | (111) (9999) |
| Freescale Semic. | MC68HC711K4    | [PLCC84]            | (3384)       |
| Freescale Semic. | MC68HC711K4    | [QFP80]             | (697)        |
| Freescale Semic. | MC68HC812A4    | [LQFP112]           | (4087)       |
| Freescale Semic. | MC68HC908AB32  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908AB32  | [QFP64]             | (115)        |
| Freescale Semic. | MC68HC908AP16  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908AP16  | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908AP16  | [LQFP48]            | (174)        |
| Freescale Semic. | MC68HC908AP16  | [QFP44]             | (108)        |
| Freescale Semic. | MC68HC908AP16  | [SDIP42]            | (164)        |
| Freescale Semic. | MC68HC908AP32  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908AP32  | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908AP32  | [LQFP48]            | (174)        |
| Freescale Semic. | MC68HC908AP32  | [QFP44]             | (108)        |
| Freescale Semic. | MC68HC908AP32  | [SDIP42]            | (164)        |
| Freescale Semic. | MC68HC908AP64  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908AP64  | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908AP64  | [LQFP48]            | (174)        |
| Freescale Semic. | MC68HC908AP64  | [QFP44]             | (108)        |
| Freescale Semic. | MC68HC908AP64  | [SDIP42]            | (164)        |
| Freescale Semic. | MC68HC908AP8   | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908AP8   | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908AP8   | [LQFP48]            | (174)        |
| Freescale Semic. | MC68HC908AP8   | [QFP44]             | (108)        |
| Freescale Semic. | MC68HC908AP8   | [SDIP42]            | (164)        |
| Freescale Semic. | MC68HC908AS32A | [PLCC52]            | (111)        |
| Freescale Semic. | MC68HC908AS60  | [PLCC52]            | (111)        |
| Freescale Semic. | MC68HC908AS60  | [QFP64]             | (115)        |
| Freescale Semic. | MC68HC908AS60A | [PLCC52]            | (111)        |
| Freescale Semic. | MC68HC908AS60A | [QFP64]             | (115)        |
| Freescale Semic. | MC68HC908AZ32A | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908AZ32A | [QFP64]             | (115)        |
| Freescale Semic. | MC68HC908AZ60  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908AZ60  | [QFP64]             | (115)        |
| Freescale Semic. | MC68HC908AZ60A | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908AZ60A | [QFP64]             | (115)        |
| Freescale Semic. | MC68HC908BD48  | [QFP44]             | (108)        |
| Freescale Semic. | MC68HC908BD48  | [SDIP42]            | (164)        |
| Freescale Semic. | MC68HC908EY16  | [QFP32]             | (159)        |
| Freescale Semic. | MC68HC908EY16A | [QFP32]             | (159)        |
| Freescale Semic. | MC68HC908EY8   | [QFP32]             | (159)        |
| Freescale Semic. | MC68HC908EY8A  | [QFP32]             | (159)        |
| Freescale Semic. | MC68HC908GP16  |                     |              |
| Freescale Semic. | MC68HC908GP16  | [SDIP42]            | (164)        |
| Freescale Semic. | MC68HC908GP32  |                     |              |
| Freescale Semic. | MC68HC908GP32  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GP32  | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908GP32  | [QFP44]             | (108)        |
| Freescale Semic. | MC68HC908GP32  | [SDIP42]            | (164)        |
| Freescale Semic. | MC68HC908GR16  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GR16  | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908GR16  | [LQFP32]            | (159)        |
| Freescale Semic. | MC68HC908GR16  | [LQFP48]            | (174)        |
| Freescale Semic. | MC68HC908GR16A | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GR16A | (ISP allwire)       | (138)        |
| Freescale Semic. | MC68HC908GR16A | [LQFP32]            | (159)        |
| Freescale Semic. | MC68HC908GR16A | [LQFP48]            | (174)        |
| Freescale Semic. | MC68HC908GR32  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GR32  | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908GR32  | [LQFP32]            | (159)        |
| Freescale Semic. | MC68HC908GR32  | [LQFP48]            | (174)        |
| Freescale Semic. | MC68HC908GR32  | [QFP64]             | (479)        |
| Freescale Semic. | MC68HC908GR32A | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GR32A | (ISP allwire)       | (138)        |
| Freescale Semic. | MC68HC908GR32A | [LQFP32]            | (159)        |
| Freescale Semic. | MC68HC908GR32A | [LQFP48]            | (174)        |
| Freescale Semic. | MC68HC908GR32A | [QFP64]             | (479)        |
| Freescale Semic. | MC68HC908GR4   |                     |              |
| Freescale Semic. | MC68HC908GR4   | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GR4   | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908GR4   | [LQFP32]            | (159)        |
| Freescale Semic. | MC68HC908GR4   | [SOIC28]            | (51)         |
| Freescale Semic. | MC68HC908GR48  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GR48  | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908GR48  | [LQFP32]            | (159)        |
| Freescale Semic. | MC68HC908GR48  | [LQFP48]            | (174)        |
| Freescale Semic. | MC68HC908GR48  | [QFP64]             | (479)        |
| Freescale Semic. | MC68HC908GR48A | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GR48A | (ISP allwire)       | (138)        |
| Freescale Semic. | MC68HC908GR48A | [LQFP32]            | (159)        |
| Freescale Semic. | MC68HC908GR48A | [LQFP48]            | (174)        |
| Freescale Semic. | MC68HC908GR48A | [QFP64]             | (479)        |
| Freescale Semic. | MC68HC908GR4A  |                     |              |
| Freescale Semic. | MC68HC908GR4A  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GR4A  | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908GR4A  | [LQFP32]            | (159)        |
| Freescale Semic. | MC68HC908GR4A  | [SOIC28]            | (51)         |
| Freescale Semic. | MC68HC908GR60  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GR60  | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908GR60  | [LQFP32]            | (159)        |
| Freescale Semic. | MC68HC908GR60  | [LQFP48]            | (174)        |
| Freescale Semic. | MC68HC908GR60  | [QFP64]             | (479)        |
| Freescale Semic. | MC68HC908GR60A | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GR60A | (ISP allwire)       | (138)        |
| Freescale Semic. | MC68HC908GR60A | [LQFP32]            | (159)        |
| Freescale Semic. | MC68HC908GR60A | [LQFP48]            | (174)        |
| Freescale Semic. | MC68HC908GR60A | [QFP64]             | (479)        |
| Freescale Semic. | MC68HC908GR8   |                     |              |
| Freescale Semic. | MC68HC908GR8   | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GR8   | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908GR8   | [LQFP32]            | (159)        |
| Freescale Semic. | MC68HC908GR8   | [SOIC28]            | (51)         |
| Freescale Semic. | MC68HC908GR8A  |                     |              |
| Freescale Semic. | MC68HC908GR8A  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GR8A  | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908GR8A  | [LQFP32]            | (159)        |
| Freescale Semic. | MC68HC908GR8A  | [SOIC28]            | (51)         |
| Freescale Semic. | MC68HC908GT16  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GT16  | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908GT16  | [QFP44]             | (108)        |
| Freescale Semic. | MC68HC908GT16  | [SDIP42]            | (164)        |
| Freescale Semic. | MC68HC908GT8   | [QFP44]             | (108)        |
| Freescale Semic. | MC68HC908GT8   | [SDIP42]            | (164)        |
| Freescale Semic. | MC68HC908GZ16  | (ISP 5-wire)        | (138)        |
| Freescale Semic. | MC68HC908GZ16  | (ISP all-wire)      | (138)        |
| Freescale Semic. | MC68HC908GZ16  | [LQFP32]            | (159)        |

|                  |               |                         |        |
|------------------|---------------|-------------------------|--------|
| Freescale Semic. | MC68HC908GZ16 | [LQFP48]                | (174)  |
| Freescale Semic. | MC68HC908GZ32 | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908GZ32 | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908GZ32 | [LQFP32]                | (159)  |
| Freescale Semic. | MC68HC908GZ32 | [LQFP48]                | (174)  |
| Freescale Semic. | MC68HC908GZ32 | [QFP64]                 | (479)  |
| Freescale Semic. | MC68HC908GZ48 | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908GZ48 | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908GZ48 | [LQFP32]                | (159)  |
| Freescale Semic. | MC68HC908GZ48 | [LQFP48]                | (174)  |
| Freescale Semic. | MC68HC908GZ48 | [QFP64]                 | (479)  |
| Freescale Semic. | MC68HC908GZ60 | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908GZ60 | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908GZ60 | [LQFP32]                | (159)  |
| Freescale Semic. | MC68HC908GZ60 | [LQFP48]                | (174)  |
| Freescale Semic. | MC68HC908GZ60 | [QFP64]                 | (479)  |
| Freescale Semic. | MC68HC908GZ8  | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908GZ8  | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908GZ8  | [LQFP32]                | (159)  |
| Freescale Semic. | MC68HC908GZ8  | [LQFP48]                | (174)  |
| Freescale Semic. | MC68HC908JB12 | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908JB12 | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908JB12 | [SOIC20]                | (119)  |
| Freescale Semic. | MC68HC908JB12 | [SOIC28]                | (51)   |
| Freescale Semic. | MC68HC908JB16 | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908JB16 | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908JB16 | [LQFP32]                | (159)  |
| Freescale Semic. | MC68HC908JB16 | [SOIC20]                | (119)  |
| Freescale Semic. | MC68HC908JB16 | [SOIC28]                | (51)   |
| Freescale Semic. | MC68HC908JB8  |                         |        |
| Freescale Semic. | MC68HC908JB8  | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908JB8  | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908JB8  | [QFP44]                 | (108)  |
| Freescale Semic. | MC68HC908JB8  | [SOIC20]                | (119)  |
| Freescale Semic. | MC68HC908JB8  | [SOIC28]                | (51)   |
| Freescale Semic. | MC68HC908JB8A |                         |        |
| Freescale Semic. | MC68HC908JB8A | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908JB8A | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908JB8A | [QFP44]                 | (108)  |
| Freescale Semic. | MC68HC908JB8A | [SOIC20]                | (119)  |
| Freescale Semic. | MC68HC908JB8A | [SOIC28]                | (51)   |
| Freescale Semic. | MC68HC908JK1  |                         |        |
| Freescale Semic. | MC68HC908JK1  | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908JK1  | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908JK1  | [SOIC20]                | (119)  |
| Freescale Semic. | MC68HC908JK1E |                         |        |
| Freescale Semic. | MC68HC908JK1E | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908JK1E | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908JK1E | [SOIC20]                | (119)  |
| Freescale Semic. | MC68HC908JK3  |                         |        |
| Freescale Semic. | MC68HC908JK3  | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908JK3  | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908JK3  | [SOIC20]                | (119)  |
| Freescale Semic. | MC68HC908JK3E |                         |        |
| Freescale Semic. | MC68HC908JK3E | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908JK3E | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908JK3E | [SOIC20]                | (119)  |
| Freescale Semic. | MC68HC908JK8  |                         |        |
| Freescale Semic. | MC68HC908JK8  | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908JK8  | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908JK8  | [SOIC20]                | (119)  |
| Freescale Semic. | MC68HC908JL16 |                         |        |
| Freescale Semic. | MC68HC908JL16 | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908JL16 | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908JL16 | [LQFP32]                | (159)  |
| Freescale Semic. | MC68HC908JL16 | [SDIP32]                | (175)  |
| Freescale Semic. | MC68HC908JL16 | [SOIC28]                | (51)   |
| Freescale Semic. | MC68HC908JL3  |                         |        |
| Freescale Semic. | MC68HC908JL3  | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908JL3  | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908JL3  | [SOIC28]                | (51)   |
| Freescale Semic. | MC68HC908JL3E |                         |        |
| Freescale Semic. | MC68HC908JL3E | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908JL3E | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908JL3E | [LQFP48]                | (3383) |
| Freescale Semic. | MC68HC908JL3E | [SOIC28]                | (51)   |
| Freescale Semic. | MC68HC908JL8  |                         |        |
| Freescale Semic. | MC68HC908JL8  | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908JL8  | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908JL8  | [LQFP32]                | (159)  |
| Freescale Semic. | MC68HC908JL8  | [SDIP32]                | (175)  |
| Freescale Semic. | MC68HC908JL8  | [SOIC28]                | (51)   |
| Freescale Semic. | MC68HC908JW16 | [LQFP48]                | (174)  |
| Freescale Semic. | MC68HC908JW32 | [LQFP48]                | (174)  |
| Freescale Semic. | MC68HC908JW32 | [QFN48]                 | (567)  |
| Freescale Semic. | MC68HC908KX2  |                         |        |
| Freescale Semic. | MC68HC908KX2  | [SOIC16]                | (1060) |
| Freescale Semic. | MC68HC908KX8  |                         |        |
| Freescale Semic. | MC68HC908KX8  | [SOIC16]                | (1060) |
| Freescale Semic. | MC68HC908LB8  |                         |        |
| Freescale Semic. | MC68HC908LB8  | [SOIC20]                | (119)  |
| Freescale Semic. | MC68HC908LD60 | [QFP64]                 | (115)  |
| Freescale Semic. | MC68HC908LD64 | [QFP64]                 | (115)  |
| Freescale Semic. | MC68HC908LJ12 | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908LJ12 | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908LJ12 | [LQFP64]                | (526)  |
| Freescale Semic. | MC68HC908LJ12 | [QFP64]                 | (479)  |
| Freescale Semic. | MC68HC908LJ24 | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908LJ24 | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908LJ24 | [LQFP64]                | (526)  |
| Freescale Semic. | MC68HC908LJ24 | [LQFP80]                | (590)  |
| Freescale Semic. | MC68HC908LJ24 | [QFP64]                 | (479)  |
| Freescale Semic. | MC68HC908LJ24 | [QFP80]                 | (591)  |
| Freescale Semic. | MC68HC908LK24 | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908LK24 | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908LK24 | [LQFP64]                | (526)  |
| Freescale Semic. | MC68HC908LK24 | [LQFP80]                | (590)  |
| Freescale Semic. | MC68HC908LK24 | [QFP64]                 | (479)  |
| Freescale Semic. | MC68HC908LK24 | [QFP80]                 | (591)  |
| Freescale Semic. | MC68HC908LV8  | [LQFP52]                | (817)  |
| Freescale Semic. | MC68HC908MR16 | [QFP64]                 | (115)  |
| Freescale Semic. | MC68HC908MR16 | [SDIP56]                | (496)  |
| Freescale Semic. | MC68HC908MR32 | [QFP64]                 | (115)  |
| Freescale Semic. | MC68HC908MR32 | [SDIP56]                | (496)  |
| Freescale Semic. | MC68HC908MR8  |                         |        |
| Freescale Semic. | MC68HC908MR8  | [LQFP32]                | (159)  |
| Freescale Semic. | MC68HC908MR8  | [LQFP32] (full support) | (2804) |
| Freescale Semic. | MC68HC908MR8  | [SOIC28]                | (51)   |
| Freescale Semic. | MC68HC908QB4  |                         |        |
| Freescale Semic. | MC68HC908QB4  | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908QB4  | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908QB4  | [SOIC16]                | (1060) |
| Freescale Semic. | MC68HC908QB4  | [TSSOP16]               | (1088) |
| Freescale Semic. | MC68HC908QB8  |                         |        |
| Freescale Semic. | MC68HC908QB8  | (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC68HC908QB8  | (ISP all-wire)          | (138)  |
| Freescale Semic. | MC68HC908QB8  | [SOIC16]                | (1060) |
| Freescale Semic. | MC68HC908QB8  | [TSSOP16]               | (1088) |

|                  |                 |                |        |
|------------------|-----------------|----------------|--------|
| Freescale Semic. | MC68HC908QC16   | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QC16   | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QC16   | [SOIC16]       | (1060) |
| Freescale Semic. | MC68HC908QC16   | [SOIC20]       | (119)  |
| Freescale Semic. | MC68HC908QC16   | [SOIC28]       | (51)   |
| Freescale Semic. | MC68HC908QC16   | [TSSOP16]      | (1088) |
| Freescale Semic. | MC68HC908QC16   | [TSSOP20]      | (1089) |
| Freescale Semic. | MC68HC908QC16   | [TSSOP28]      | (172)  |
| Freescale Semic. | MC68HC908QC4    | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QC4    | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QC4    | [SOIC16]       | (1060) |
| Freescale Semic. | MC68HC908QC4    | [SOIC20]       | (119)  |
| Freescale Semic. | MC68HC908QC4    | [SOIC28]       | (51)   |
| Freescale Semic. | MC68HC908QC4    | [TSSOP16]      | (1088) |
| Freescale Semic. | MC68HC908QC4    | [TSSOP20]      | (1089) |
| Freescale Semic. | MC68HC908QC4    | [TSSOP28]      | (172)  |
| Freescale Semic. | MC68HC908QC8    | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QC8    | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QC8    | [SOIC16]       | (1060) |
| Freescale Semic. | MC68HC908QC8    | [SOIC20]       | (119)  |
| Freescale Semic. | MC68HC908QC8    | [SOIC28]       | (51)   |
| Freescale Semic. | MC68HC908QC8    | [TSSOP16]      | (1088) |
| Freescale Semic. | MC68HC908QC8    | [TSSOP20]      | (1089) |
| Freescale Semic. | MC68HC908QC8    | [TSSOP28]      | (172)  |
| Freescale Semic. | MC68HC908QT1    |                |        |
| Freescale Semic. | MC68HC908QT1    | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QT1    | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QT1    | [SOIC8]        | (46)   |
| Freescale Semic. | MC68HC908QT1A   |                |        |
| Freescale Semic. | MC68HC908QT1A   | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QT1A   | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QT1A   | [SOIC8]        | (46)   |
| Freescale Semic. | MC68HC908QT2    |                |        |
| Freescale Semic. | MC68HC908QT2    | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QT2    | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QT2    | [SOIC8]        | (46)   |
| Freescale Semic. | MC68HC908QT2A   |                |        |
| Freescale Semic. | MC68HC908QT2A   | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QT2A   | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QT2A   | [SOIC8]        | (46)   |
| Freescale Semic. | MC68HC908QT4    |                |        |
| Freescale Semic. | MC68HC908QT4    | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QT4    | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QT4    | [SOIC8]        | (46)   |
| Freescale Semic. | MC68HC908QT4A   |                |        |
| Freescale Semic. | MC68HC908QT4A   | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QT4A   | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QT4A   | [SOIC8]        | (46)   |
| Freescale Semic. | MC68HC908QY1    |                |        |
| Freescale Semic. | MC68HC908QY1    | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QY1    | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QY1    | [SOIC16]       | (1060) |
| Freescale Semic. | MC68HC908QY1    | [TSSOP16]      | (1088) |
| Freescale Semic. | MC68HC908QY1A   |                |        |
| Freescale Semic. | MC68HC908QY1A   | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QY1A   | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QY1A   | [SOIC16]       | (1060) |
| Freescale Semic. | MC68HC908QY1A   | [TSSOP16]      | (1088) |
| Freescale Semic. | MC68HC908QY2    |                |        |
| Freescale Semic. | MC68HC908QY2    | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QY2    | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QY2    | [SOIC16]       | (1060) |
| Freescale Semic. | MC68HC908QY2    | [TSSOP16]      | (1088) |
| Freescale Semic. | MC68HC908QY2A   |                |        |
| Freescale Semic. | MC68HC908QY2A   | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QY2A   | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QY2A   | [SOIC16]       | (1060) |
| Freescale Semic. | MC68HC908QY2A   | [TSSOP16]      | (1088) |
| Freescale Semic. | MC68HC908QY4    |                |        |
| Freescale Semic. | MC68HC908QY4    | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QY4    | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QY4    | [SOIC16]       | (1060) |
| Freescale Semic. | MC68HC908QY4    | [TSSOP16]      | (1088) |
| Freescale Semic. | MC68HC908QY4A   |                |        |
| Freescale Semic. | MC68HC908QY4A   | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC908QY4A   | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC908QY4A   | [SOIC16]       | (1060) |
| Freescale Semic. | MC68HC908QY4A   | [TSSOP16]      | (1088) |
| Freescale Semic. | MC68HC908QY8    |                |        |
| Freescale Semic. | MC68HC908QY8    | [SOIC16]       | (1060) |
| Freescale Semic. | MC68HC908QY8    | [TSSOP16]      | (1088) |
| Freescale Semic. | MC68HC908RF2    | [LQFP32]       | (159)  |
| Freescale Semic. | MC68HC908RK2    | [SOIC20]       | (119)  |
| Freescale Semic. | MC68HC908SR12   | [LQFP48]       | (174)  |
| Freescale Semic. | MC68HC908SR12   | [SDIP42]       | (164)  |
| Freescale Semic. | MC68HC912B32    | (ISP)          | (138)  |
| Freescale Semic. | MC68HC912B32    | [QFP80]        | (891)  |
| Freescale Semic. | MC68HC912BL16   | [QFP64]        | (2716) |
| Freescale Semic. | MC68HC912D60A   | (ISP)          | (138)  |
| Freescale Semic. | MC68HC912D60A   | [QFP80]        | (955)  |
| Freescale Semic. | MC68HC912D60A   | [TQFP112]      | (953)  |
| Freescale Semic. | MC68HC912D60C   | (ISP)          | (138)  |
| Freescale Semic. | MC68HC912D60C   | [QFP80]        | (955)  |
| Freescale Semic. | MC68HC912D60C   | [TQFP112]      | (953)  |
| Freescale Semic. | MC68HC912D60P   | (ISP)          | (138)  |
| Freescale Semic. | MC68HC912D60P   | [QFP80]        | (955)  |
| Freescale Semic. | MC68HC912D60P   | [TQFP112]      | (953)  |
| Freescale Semic. | MC68HC912DG128A | (ISP)          | (138)  |
| Freescale Semic. | MC68HC912DG128A | [TQFP112]      | (953)  |
| Freescale Semic. | MC68HC912DT128A | (ISP)          | (138)  |
| Freescale Semic. | MC68HC912DT128A | [TQFP112]      | (953)  |
| Freescale Semic. | MC68HC98LJ12    | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HC98LJ12    | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HC98LJ12    | [QFP64]        | (479)  |
| Freescale Semic. | MC68HCP11E1     | (ISP)          | (138)  |
| Freescale Semic. | MC68HCP11E1     | [PLCC52]       | (111)  |
| Freescale Semic. | MC68HCP11E1     | [QFP64]        | (112)  |
| Freescale Semic. | MC68HLC705KJ1   |                |        |
| Freescale Semic. | MC68HLC705KJ1   | [SOIC16]       | (1060) |
| Freescale Semic. | MC68HLC908QT1   |                |        |
| Freescale Semic. | MC68HLC908QT1   | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HLC908QT1   | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HLC908QT1   | [SOIC8]        | (46)   |
| Freescale Semic. | MC68HLC908QT2   |                |        |
| Freescale Semic. | MC68HLC908QT2   | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HLC908QT2   | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HLC908QT2   | [SOIC8]        | (46)   |
| Freescale Semic. | MC68HLC908QT4   |                |        |
| Freescale Semic. | MC68HLC908QT4   | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HLC908QT4   | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HLC908QT4   | [SOIC8]        | (46)   |
| Freescale Semic. | MC68HLC908QY1   |                |        |
| Freescale Semic. | MC68HLC908QY1   | (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HLC908QY1   | (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HLC908QY1   | [SOIC16]       | (1060) |
| Freescale Semic. | MC68HLC908QY1   | [TSSOP16]      | (1088) |
| Freescale Semic. | MC68HLC908QY2   |                |        |
| Freescale Semic. | MC68HLC908QY2   | (ISP 5-wire)   | (138)  |



|                  |                               |        |
|------------------|-------------------------------|--------|
| Freescale Semic. | MC68HLC908QY2 (ISP all-wire)  | (138)  |
| Freescale Semic. | MC68HLC908QY2 [SOIC16]        | (1060) |
| Freescale Semic. | MC68HLC908QY2 [TSSOP16]       | (1088) |
| Freescale Semic. | MC68HLC908QY4                 |        |
| Freescale Semic. | MC68HLC908QY4 (ISP 5-wire)    | (138)  |
| Freescale Semic. | MC68HLC908QY4 (ISP all-wire)  | (138)  |
| Freescale Semic. | MC68HLC908QY4 [SOIC16]        | (1060) |
| Freescale Semic. | MC68HLC908QY4 [TSSOP16]       | (1088) |
| Freescale Semic. | MC68HRC705J1A                 |        |
| Freescale Semic. | MC68HRC705J1A [SOIC20]        | (119)  |
| Freescale Semic. | MC68HRC705JP7 [SOIC28]        | (4045) |
| Freescale Semic. | MC68HRC705KJ1                 |        |
| Freescale Semic. | MC68HRC705KJ1 [SOIC16]        | (1060) |
| Freescale Semic. | MC68HRC908JK1                 |        |
| Freescale Semic. | MC68HRC908JK1 (ISP 5-wire)    | (138)  |
| Freescale Semic. | MC68HRC908JK1 (ISP all-wire)  | (138)  |
| Freescale Semic. | MC68HRC908JK1 [SOIC20]        | (119)  |
| Freescale Semic. | MC68HRC908JK1E                |        |
| Freescale Semic. | MC68HRC908JK1E (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HRC908JK1E (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HRC908JK1E [SOIC20]       | (119)  |
| Freescale Semic. | MC68HRC908JK3                 |        |
| Freescale Semic. | MC68HRC908JK3 (ISP 5-wire)    | (138)  |
| Freescale Semic. | MC68HRC908JK3 (ISP all-wire)  | (138)  |
| Freescale Semic. | MC68HRC908JK3 [SOIC20]        | (119)  |
| Freescale Semic. | MC68HRC908JK3E                |        |
| Freescale Semic. | MC68HRC908JK3E (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HRC908JK3E (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HRC908JK3E [SOIC20]       | (119)  |
| Freescale Semic. | MC68HRC908JL3                 |        |
| Freescale Semic. | MC68HRC908JL3 (ISP 5-wire)    | (138)  |
| Freescale Semic. | MC68HRC908JL3 (ISP all-wire)  | (138)  |
| Freescale Semic. | MC68HRC908JL3 [SOIC28]        | (51)   |
| Freescale Semic. | MC68HRC908JL3E                |        |
| Freescale Semic. | MC68HRC908JL3E (ISP 5-wire)   | (138)  |
| Freescale Semic. | MC68HRC908JL3E (ISP all-wire) | (138)  |
| Freescale Semic. | MC68HRC908JL3E [LQFP48]       | (3383) |
| Freescale Semic. | MC68HRC908JL3E [SOIC28]       | (51)   |
| Freescale Semic. | MC68HRC98JK1E                 |        |
| Freescale Semic. | MC68HRC98JK1E (ISP 5-wire)    | (138)  |
| Freescale Semic. | MC68HRC98JK1E (ISP all-wire)  | (138)  |
| Freescale Semic. | MC68HRC98JK1E [SOIC20]        | (119)  |
| Freescale Semic. | MC68HRC98JK3E                 |        |
| Freescale Semic. | MC68HRC98JK3E (ISP 5-wire)    | (138)  |
| Freescale Semic. | MC68HRC98JK3E (ISP all-wire)  | (138)  |
| Freescale Semic. | MC68HRC98JK3E [SOIC20]        | (119)  |
| Freescale Semic. | MC68HRC98JL3E                 |        |
| Freescale Semic. | MC68HRC98JL3E (ISP 5-wire)    | (138)  |
| Freescale Semic. | MC68HRC98JL3E (ISP all-wire)  | (138)  |
| Freescale Semic. | MC68HRC98JL3E [LQFP48]        | (3383) |
| Freescale Semic. | MC68HRC98JL3E [SOIC28]        | (51)   |
| Freescale Semic. | MC68HSC705C8A                 |        |
| Freescale Semic. | MC68HSC705C8A [PLCC44]        | (67)   |
| Freescale Semic. | MC68HSC705C8A [QFP44]         | (108)  |
| Freescale Semic. | MC68HSC705J1A                 |        |
| Freescale Semic. | MC68HSC705J1A [SOIC20]        | (119)  |
| Freescale Semic. | MC68HSR705J1A                 |        |
| Freescale Semic. | MC68HSR705J1A [SOIC20]        | (119)  |
| Freescale Semic. | MC68L11E9 (ISP)               | (138)  |
| Freescale Semic. | MC68L11E9 [PLCC52]            | (111)  |
| Freescale Semic. | MC68L11E9 [QFP64]             | (112)  |
| Freescale Semic. | MC68L711E9 (ISP)              | (138)  |
| Freescale Semic. | MC68L711E9 [PLCC52]           | (111)  |
| Freescale Semic. | MC68L711E9 [QFP64]            | (112)  |
| Freescale Semic. | MC68S711E9 (ISP)              | (138)  |
| Freescale Semic. | MC68S711E9 [PLCC52]           | (111)  |
| Freescale Semic. | MC705B16N [PLCC52]            | (110)  |
| Freescale Semic. | MC705B16N [QFP64 2.2]         | (1030) |
| Freescale Semic. | MC705B16N [QFP64]             | (113)  |
| Freescale Semic. | MC705B16N [SDIP56]            | (644)  |
| Freescale Semic. | MC705C8A                      |        |
| Freescale Semic. | MC705C8A [PLCC44]             | (67)   |
| Freescale Semic. | MC705C8A [QFP44]              | (108)  |
| Freescale Semic. | MC705C9A                      |        |
| Freescale Semic. | MC705C9A [PLCC44]             | (67)   |
| Freescale Semic. | MC705C9A [QFP44]              | (108)  |
| Freescale Semic. | MC705J1A                      |        |
| Freescale Semic. | MC705J1A [SOIC20]             | (119)  |
| Freescale Semic. | MC705J7 [SOIC20]              | (119)  |
| Freescale Semic. | MC705JP7                      |        |
| Freescale Semic. | MC705P6                       |        |
| Freescale Semic. | MC705P6 [SOIC28]              | (51)   |
| Freescale Semic. | MC705P6A                      |        |
| Freescale Semic. | MC705P6A [SOIC28]             | (51)   |
| Freescale Semic. | MC705X32 [QFP64]              | (1030) |
| Freescale Semic. | MC812A4 [LQFP112]             | (4087) |
| Freescale Semic. | MC908AB32 (ISP 5-wire)        | (138)  |
| Freescale Semic. | MC908AB32 [QFP64]             | (115)  |
| Freescale Semic. | MC908AP16 (ISP 5-wire)        | (138)  |
| Freescale Semic. | MC908AP16 (ISP all-wire)      | (138)  |
| Freescale Semic. | MC908AP16 [LQFP48]            | (174)  |
| Freescale Semic. | MC908AP16 [QFP44]             | (108)  |
| Freescale Semic. | MC908AP16 [SDIP42]            | (164)  |
| Freescale Semic. | MC908AP16A (ISP 5-wire)       | (138)  |
| Freescale Semic. | MC908AP16A (ISP all-wire)     | (138)  |
| Freescale Semic. | MC908AP16A [LQFP48]           | (174)  |
| Freescale Semic. | MC908AP16A [QFP44]            | (108)  |
| Freescale Semic. | MC908AP16A [SDIP42]           | (164)  |
| Freescale Semic. | MC908AP32 (ISP 5-wire)        | (138)  |
| Freescale Semic. | MC908AP32 (ISP all-wire)      | (138)  |
| Freescale Semic. | MC908AP32 [LQFP48]            | (174)  |
| Freescale Semic. | MC908AP32 [QFP44]             | (108)  |
| Freescale Semic. | MC908AP32 [SDIP42]            | (164)  |
| Freescale Semic. | MC908AP32A (ISP 5-wire)       | (138)  |
| Freescale Semic. | MC908AP32A (ISP all-wire)     | (138)  |
| Freescale Semic. | MC908AP32A [LQFP48]           | (174)  |
| Freescale Semic. | MC908AP32A [QFP44]            | (108)  |
| Freescale Semic. | MC908AP32A [SDIP42]           | (164)  |
| Freescale Semic. | MC908AP64 (ISP 5-wire)        | (138)  |
| Freescale Semic. | MC908AP64 (ISP all-wire)      | (138)  |
| Freescale Semic. | MC908AP64 [LQFP48]            | (174)  |
| Freescale Semic. | MC908AP64 [QFP44]             | (108)  |
| Freescale Semic. | MC908AP64 [SDIP42]            | (164)  |
| Freescale Semic. | MC908AP64A (ISP 5-wire)       | (138)  |
| Freescale Semic. | MC908AP64A (ISP all-wire)     | (138)  |
| Freescale Semic. | MC908AP64A [LQFP48]           | (174)  |
| Freescale Semic. | MC908AP64A [QFP44]            | (108)  |
| Freescale Semic. | MC908AP64A [SDIP42]           | (164)  |
| Freescale Semic. | MC908AP8 (ISP 5-wire)         | (138)  |
| Freescale Semic. | MC908AP8 (ISP all-wire)       | (138)  |
| Freescale Semic. | MC908AP8 [LQFP48]             | (174)  |
| Freescale Semic. | MC908AP8 [QFP44]              | (108)  |
| Freescale Semic. | MC908AP8 [SDIP42]             | (164)  |
| Freescale Semic. | MC908AP8A (ISP 5-wire)        | (138)  |
| Freescale Semic. | MC908AP8A (ISP all-wire)      | (138)  |
| Freescale Semic. | MC908AP8A [LQFP48]            | (174)  |
| Freescale Semic. | MC908AP8A [QFP44]             | (108)  |
| Freescale Semic. | MC908AP8A [SDIP42]            | (164)  |

|                  |            |                |       |
|------------------|------------|----------------|-------|
| Freescale Semic. | MC908AS32A | [PLCC52]       | (111) |
| Freescale Semic. | MC908AS60  | [PLCC52]       | (111) |
| Freescale Semic. | MC908AS60  | [QFP64]        | (115) |
| Freescale Semic. | MC908AS60A | [PLCC52]       | (111) |
| Freescale Semic. | MC908AS60A | [QFP64]        | (115) |
| Freescale Semic. | MC908AZ32A | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908AZ32A | [QFP64]        | (115) |
| Freescale Semic. | MC908AZ60  | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908AZ60  | [QFP64]        | (115) |
| Freescale Semic. | MC908AZ60A | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908AZ60A | [QFP64]        | (115) |
| Freescale Semic. | MC908BD48  | [QFP44]        | (108) |
| Freescale Semic. | MC908BD48  | [SDIP42]       | (164) |
| Freescale Semic. | MC908EY16  | [QFP32]        | (159) |
| Freescale Semic. | MC908EY16A | [QFP32]        | (159) |
| Freescale Semic. | MC908EY8   | [QFP32]        | (159) |
| Freescale Semic. | MC908EY8A  | [QFP32]        | (159) |
| Freescale Semic. | MC908GP16  |                |       |
| Freescale Semic. | MC908GP16  | [SDIP42]       | (164) |
| Freescale Semic. | MC908GP32  |                |       |
| Freescale Semic. | MC908GP32  | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GP32  | (ISP all-wire) | (138) |
| Freescale Semic. | MC908GP32  | [QFP44]        | (108) |
| Freescale Semic. | MC908GP32  | [SDIP42]       | (164) |
| Freescale Semic. | MC908GR16  | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GR16  | (ISP all-wire) | (138) |
| Freescale Semic. | MC908GR16  | [LQFP32]       | (159) |
| Freescale Semic. | MC908GR16  | [LQFP48]       | (174) |
| Freescale Semic. | MC908GR16A | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GR16A | (ISP allwire)  | (138) |
| Freescale Semic. | MC908GR16A | [LQFP32]       | (159) |
| Freescale Semic. | MC908GR16A | [LQFP48]       | (174) |
| Freescale Semic. | MC908GR32A | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GR32A | (ISP allwire)  | (138) |
| Freescale Semic. | MC908GR32A | [LQFP32]       | (159) |
| Freescale Semic. | MC908GR32A | [LQFP48]       | (174) |
| Freescale Semic. | MC908GR32A | [QFP64]        | (479) |
| Freescale Semic. | MC908GR4   |                |       |
| Freescale Semic. | MC908GR4   | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GR4   | (ISP all-wire) | (138) |
| Freescale Semic. | MC908GR4   | [LQFP32]       | (159) |
| Freescale Semic. | MC908GR4   | [SOIC28]       | (51)  |
| Freescale Semic. | MC908GR48A | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GR48A | (ISP allwire)  | (138) |
| Freescale Semic. | MC908GR48A | [LQFP32]       | (159) |
| Freescale Semic. | MC908GR48A | [LQFP48]       | (174) |
| Freescale Semic. | MC908GR48A | [QFP64]        | (479) |
| Freescale Semic. | MC908GR4A  |                |       |
| Freescale Semic. | MC908GR4A  | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GR4A  | (ISP all-wire) | (138) |
| Freescale Semic. | MC908GR4A  | [LQFP32]       | (159) |
| Freescale Semic. | MC908GR4A  | [SOIC28]       | (51)  |
| Freescale Semic. | MC908GR60A | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GR60A | (ISP allwire)  | (138) |
| Freescale Semic. | MC908GR60A | [LQFP32]       | (159) |
| Freescale Semic. | MC908GR60A | [LQFP48]       | (174) |
| Freescale Semic. | MC908GR60A | [QFP64]        | (479) |
| Freescale Semic. | MC908GR8   |                |       |
| Freescale Semic. | MC908GR8   | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GR8   | (ISP all-wire) | (138) |
| Freescale Semic. | MC908GR8   | [LQFP32]       | (159) |
| Freescale Semic. | MC908GR8   | [SOIC28]       | (51)  |
| Freescale Semic. | MC908GR8A  |                |       |
| Freescale Semic. | MC908GR8A  | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GR8A  | (ISP all-wire) | (138) |
| Freescale Semic. | MC908GR8A  | [LQFP32]       | (159) |
| Freescale Semic. | MC908GR8A  | [SOIC28]       | (51)  |
| Freescale Semic. | MC908GT16  | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GT16  | (ISP all-wire) | (138) |
| Freescale Semic. | MC908GT16  | [QFP44]        | (108) |
| Freescale Semic. | MC908GT16  | [SDIP42]       | (164) |
| Freescale Semic. | MC908GT8   | [QFP44]        | (108) |
| Freescale Semic. | MC908GT8   | [SDIP42]       | (164) |
| Freescale Semic. | MC908GZ16  | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GZ16  | (ISP all-wire) | (138) |
| Freescale Semic. | MC908GZ16  | [LQFP32]       | (159) |
| Freescale Semic. | MC908GZ16  | [LQFP48]       | (174) |
| Freescale Semic. | MC908GZ32  | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GZ32  | (ISP all-wire) | (138) |
| Freescale Semic. | MC908GZ32  | [LQFP32]       | (159) |
| Freescale Semic. | MC908GZ32  | [LQFP48]       | (174) |
| Freescale Semic. | MC908GZ32  | [QFP64]        | (479) |
| Freescale Semic. | MC908GZ48  | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GZ48  | (ISP all-wire) | (138) |
| Freescale Semic. | MC908GZ48  | [LQFP32]       | (159) |
| Freescale Semic. | MC908GZ48  | [LQFP48]       | (174) |
| Freescale Semic. | MC908GZ48  | [QFP64]        | (479) |
| Freescale Semic. | MC908GZ60  | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GZ60  | (ISP all-wire) | (138) |
| Freescale Semic. | MC908GZ60  | [LQFP32]       | (159) |
| Freescale Semic. | MC908GZ60  | [LQFP48]       | (174) |
| Freescale Semic. | MC908GZ60  | [QFP64]        | (479) |
| Freescale Semic. | MC908GZ8   | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908GZ8   | (ISP all-wire) | (138) |
| Freescale Semic. | MC908GZ8   | [LQFP32]       | (159) |
| Freescale Semic. | MC908GZ8   | [LQFP48]       | (174) |
| Freescale Semic. | MC908JB12  | [SOIC20]       | (119) |
| Freescale Semic. | MC908JB12  | [SOIC28]       | (51)  |
| Freescale Semic. | MC908JB16  | [LQFP32]       | (159) |
| Freescale Semic. | MC908JB16  | [SOIC20]       | (119) |
| Freescale Semic. | MC908JB16  | [SOIC28]       | (51)  |
| Freescale Semic. | MC908JB8   |                |       |
| Freescale Semic. | MC908JB8   | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908JB8   | (ISP all-wire) | (138) |
| Freescale Semic. | MC908JB8   | [QFP44]        | (108) |
| Freescale Semic. | MC908JB8   | [SOIC20]       | (119) |
| Freescale Semic. | MC908JB8   | [SOIC28]       | (51)  |
| Freescale Semic. | MC908JB8A  |                |       |
| Freescale Semic. | MC908JB8A  | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908JB8A  | (ISP all-wire) | (138) |
| Freescale Semic. | MC908JB8A  | [QFP44]        | (108) |
| Freescale Semic. | MC908JB8A  | [SOIC20]       | (119) |
| Freescale Semic. | MC908JB8A  | [SOIC28]       | (51)  |
| Freescale Semic. | MC908JK1   |                |       |
| Freescale Semic. | MC908JK1   | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908JK1   | (ISP all-wire) | (138) |
| Freescale Semic. | MC908JK1   | [SOIC20]       | (119) |
| Freescale Semic. | MC908JK1E  |                |       |
| Freescale Semic. | MC908JK1E  | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908JK1E  | (ISP all-wire) | (138) |
| Freescale Semic. | MC908JK1E  | [SOIC20]       | (119) |
| Freescale Semic. | MC908JK3   |                |       |
| Freescale Semic. | MC908JK3   | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908JK3   | (ISP all-wire) | (138) |
| Freescale Semic. | MC908JK3   | [SOIC20]       | (119) |
| Freescale Semic. | MC908JK3E  |                |       |
| Freescale Semic. | MC908JK3E  | (ISP 5-wire)   | (138) |
| Freescale Semic. | MC908JK3E  | (ISP all-wire) | (138) |

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| Freescale Semic. | MC908JK3E [SOIC20]               | (119)  |
| Freescale Semic. | MC908JK8                         |        |
| Freescale Semic. | MC908JK8 (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC908JK8 (ISP all-wire)          | (138)  |
| Freescale Semic. | MC908JK8 [SOIC20]                | (119)  |
| Freescale Semic. | MC908JL16                        |        |
| Freescale Semic. | MC908JL16 (ISP 5-wire)           | (138)  |
| Freescale Semic. | MC908JL16 (ISP all-wire)         | (138)  |
| Freescale Semic. | MC908JL16 [LQFP32]               | (159)  |
| Freescale Semic. | MC908JL16 [SDIP32]               | (175)  |
| Freescale Semic. | MC908JL16 [SOIC28]               | (51)   |
| Freescale Semic. | MC908JL3                         |        |
| Freescale Semic. | MC908JL3 (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC908JL3 (ISP all-wire)          | (138)  |
| Freescale Semic. | MC908JL3 [SOIC28]                | (51)   |
| Freescale Semic. | MC908JL3E                        |        |
| Freescale Semic. | MC908JL3E (ISP 5-wire)           | (138)  |
| Freescale Semic. | MC908JL3E (ISP all-wire)         | (138)  |
| Freescale Semic. | MC908JL3E [LQFP48]               | (3383) |
| Freescale Semic. | MC908JL3E [SOIC28]               | (51)   |
| Freescale Semic. | MC908JL8                         |        |
| Freescale Semic. | MC908JL8 (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC908JL8 (ISP all-wire)          | (138)  |
| Freescale Semic. | MC908JL8 [LQFP32]                | (159)  |
| Freescale Semic. | MC908JL8 [SDIP32]                | (175)  |
| Freescale Semic. | MC908JL8 [SOIC28]                | (51)   |
| Freescale Semic. | MC908JW16 [LQFP48]               | (174)  |
| Freescale Semic. | MC908KX2                         |        |
| Freescale Semic. | MC908KX2 [SOIC16]                | (1060) |
| Freescale Semic. | MC908KX8                         |        |
| Freescale Semic. | MC908KX8 [SOIC16]                | (1060) |
| Freescale Semic. | MC908LB8                         |        |
| Freescale Semic. | MC908LB8 [SOIC20]                | (119)  |
| Freescale Semic. | MC908LD64 [QFP64]                | (115)  |
| Freescale Semic. | MC908LJ12 (ISP 5-wire)           | (138)  |
| Freescale Semic. | MC908LJ12 (ISP all-wire)         | (138)  |
| Freescale Semic. | MC908LJ12 [LQFP52]               | (817)  |
| Freescale Semic. | MC908LJ12 [LQFP64]               | (526)  |
| Freescale Semic. | MC908LJ12 [QFP64]                | (479)  |
| Freescale Semic. | MC908LJ24 (ISP 5-wire)           | (138)  |
| Freescale Semic. | MC908LJ24 (ISP all-wire)         | (138)  |
| Freescale Semic. | MC908LJ24 [LQFP64]               | (526)  |
| Freescale Semic. | MC908LJ24 [LQFP80]               | (590)  |
| Freescale Semic. | MC908LJ24 [QFP64]                | (479)  |
| Freescale Semic. | MC908LJ24 [QFP80]                | (591)  |
| Freescale Semic. | MC908LK24 [LQFP64]               | (526)  |
| Freescale Semic. | MC908LK24 [LQFP80]               | (590)  |
| Freescale Semic. | MC908LK24 [QFP64]                | (479)  |
| Freescale Semic. | MC908LV8 [LQFP52]                | (817)  |
| Freescale Semic. | MC908MR16 [QFP64]                | (115)  |
| Freescale Semic. | MC908MR16 [SDIP56]               | (496)  |
| Freescale Semic. | MC908MR32 [QFP64]                | (115)  |
| Freescale Semic. | MC908MR32 [SDIP56]               | (496)  |
| Freescale Semic. | MC908MR8                         |        |
| Freescale Semic. | MC908MR8 [LQFP32]                | (159)  |
| Freescale Semic. | MC908MR8 [LQFP32] (full support) | (2804) |
| Freescale Semic. | MC908MR8 [SOIC28]                | (51)   |
| Freescale Semic. | MC908QB4                         |        |
| Freescale Semic. | MC908QB4 (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC908QB4 (ISP all-wire)          | (138)  |
| Freescale Semic. | MC908QB4 [SOIC16]                | (1060) |
| Freescale Semic. | MC908QB4 [TSSOP16]               | (1088) |
| Freescale Semic. | MC908QB8                         |        |
| Freescale Semic. | MC908QB8 (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC908QB8 (ISP all-wire)          | (138)  |
| Freescale Semic. | MC908QB8 [SOIC16]                | (1060) |
| Freescale Semic. | MC908QB8 [TSSOP16]               | (1088) |
| Freescale Semic. | MC908QC16 (ISP 5-wire)           | (138)  |
| Freescale Semic. | MC908QC16 (ISP all-wire)         | (138)  |
| Freescale Semic. | MC908QC16 [SOIC16]               | (1060) |
| Freescale Semic. | MC908QC16 [SOIC20]               | (119)  |
| Freescale Semic. | MC908QC16 [SOIC28]               | (51)   |
| Freescale Semic. | MC908QC16 [TSSOP16]              | (1088) |
| Freescale Semic. | MC908QC16 [TSSOP20]              | (1089) |
| Freescale Semic. | MC908QC16 [TSSOP28]              | (172)  |
| Freescale Semic. | MC908QC4 (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC908QC4 (ISP all-wire)          | (138)  |
| Freescale Semic. | MC908QC4 [SOIC16]                | (1060) |
| Freescale Semic. | MC908QC4 [SOIC20]                | (119)  |
| Freescale Semic. | MC908QC4 [SOIC28]                | (51)   |
| Freescale Semic. | MC908QC4 [TSSOP16]               | (1088) |
| Freescale Semic. | MC908QC4 [TSSOP20]               | (1089) |
| Freescale Semic. | MC908QC4 [TSSOP28]               | (172)  |
| Freescale Semic. | MC908QC8 (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC908QC8 (ISP all-wire)          | (138)  |
| Freescale Semic. | MC908QC8 [SOIC16]                | (1060) |
| Freescale Semic. | MC908QC8 [SOIC20]                | (119)  |
| Freescale Semic. | MC908QC8 [SOIC28]                | (51)   |
| Freescale Semic. | MC908QC8 [TSSOP16]               | (1088) |
| Freescale Semic. | MC908QC8 [TSSOP20]               | (1089) |
| Freescale Semic. | MC908QC8 [TSSOP28]               | (172)  |
| Freescale Semic. | MC908QT1                         |        |
| Freescale Semic. | MC908QT1 (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC908QT1 (ISP all-wire)          | (138)  |
| Freescale Semic. | MC908QT1 [SOIC8]                 | (46)   |
| Freescale Semic. | MC908QT1A                        |        |
| Freescale Semic. | MC908QT1A (ISP 5-wire)           | (138)  |
| Freescale Semic. | MC908QT1A (ISP all-wire)         | (138)  |
| Freescale Semic. | MC908QT1A [SOIC8]                | (46)   |
| Freescale Semic. | MC908QT2                         |        |
| Freescale Semic. | MC908QT2 (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC908QT2 (ISP all-wire)          | (138)  |
| Freescale Semic. | MC908QT2 [SOIC8]                 | (46)   |
| Freescale Semic. | MC908QT2A                        |        |
| Freescale Semic. | MC908QT2A (ISP 5-wire)           | (138)  |
| Freescale Semic. | MC908QT2A (ISP all-wire)         | (138)  |
| Freescale Semic. | MC908QT2A [SOIC8]                | (46)   |
| Freescale Semic. | MC908QT4                         |        |
| Freescale Semic. | MC908QT4 (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC908QT4 (ISP all-wire)          | (138)  |
| Freescale Semic. | MC908QT4 [SOIC8]                 | (46)   |
| Freescale Semic. | MC908QT4A                        |        |
| Freescale Semic. | MC908QT4A (ISP 5-wire)           | (138)  |
| Freescale Semic. | MC908QT4A (ISP all-wire)         | (138)  |
| Freescale Semic. | MC908QT4A [SOIC8]                | (46)   |
| Freescale Semic. | MC908QY1                         |        |
| Freescale Semic. | MC908QY1 (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC908QY1 (ISP all-wire)          | (138)  |
| Freescale Semic. | MC908QY1 [SOIC16]                | (1060) |
| Freescale Semic. | MC908QY1 [TSSOP16]               | (1088) |
| Freescale Semic. | MC908QY1A                        |        |
| Freescale Semic. | MC908QY1A (ISP 5-wire)           | (138)  |
| Freescale Semic. | MC908QY1A (ISP all-wire)         | (138)  |
| Freescale Semic. | MC908QY1A [SOIC16]               | (1060) |
| Freescale Semic. | MC908QY1A [TSSOP16]              | (1088) |
| Freescale Semic. | MC908QY2                         |        |
| Freescale Semic. | MC908QY2 (ISP 5-wire)            | (138)  |
| Freescale Semic. | MC908QY2 (ISP all-wire)          | (138)  |

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| Freescale Semic. | MC908QY2    | [SOIC16]       | (1060)       |
| Freescale Semic. | MC908QY2    | [TSSOP16]      | (1088)       |
| Freescale Semic. | MC908QY2A   |                |              |
| Freescale Semic. | MC908QY2A   | (ISP 5-wire)   | (138)        |
| Freescale Semic. | MC908QY2A   | (ISP all-wire) | (138)        |
| Freescale Semic. | MC908QY2A   | [SOIC16]       | (1060)       |
| Freescale Semic. | MC908QY2A   | [TSSOP16]      | (1088)       |
| Freescale Semic. | MC908QY4    |                |              |
| Freescale Semic. | MC908QY4    | (ISP 5-wire)   | (138)        |
| Freescale Semic. | MC908QY4    | (ISP all-wire) | (138)        |
| Freescale Semic. | MC908QY4    | [SOIC16]       | (1060)       |
| Freescale Semic. | MC908QY4    | [TSSOP16]      | (1088)       |
| Freescale Semic. | MC908QY4A   |                |              |
| Freescale Semic. | MC908QY4A   | (ISP 5-wire)   | (138)        |
| Freescale Semic. | MC908QY4A   | (ISP all-wire) | (138)        |
| Freescale Semic. | MC908QY4A   | [SOIC16]       | (1060)       |
| Freescale Semic. | MC908QY4A   | [TSSOP16]      | (1088)       |
| Freescale Semic. | MC908QY8    |                |              |
| Freescale Semic. | MC908QY8    | [SOIC16]       | (1060)       |
| Freescale Semic. | MC908QY8    | [TSSOP16]      | (1088)       |
| Freescale Semic. | MC908RF2    | [LQFP32]       | (159)        |
| Freescale Semic. | MC908RF2A   | [LQFP32]       | (159)        |
| Freescale Semic. | MC908RK2    | [SOIC20]       | (119)        |
| Freescale Semic. | MC908SR12   | [LQFP48]       | (174)        |
| Freescale Semic. | MC908SR12   | [SDIP42]       | (164)        |
| Freescale Semic. | MC912D60A   | (ISP)          | (138)        |
| Freescale Semic. | MC912D60A   | [QFP80]        | (955)        |
| Freescale Semic. | MC912D60A   | [TQFP112]      | (953)        |
| Freescale Semic. | MC912D60C   | (ISP)          | (138)        |
| Freescale Semic. | MC912D60C   | [QFP80]        | (955)        |
| Freescale Semic. | MC912D60C   | [TQFP112]      | (953)        |
| Freescale Semic. | MC912D60P   | (ISP)          | (138)        |
| Freescale Semic. | MC912D60P   | [QFP80]        | (955)        |
| Freescale Semic. | MC912D60P   | [TQFP112]      | (953)        |
| Freescale Semic. | MC912DG128  | [TQFP112]      | (953)        |
| Freescale Semic. | MC912DG128A | (ISP)          | (138) (9997) |
| Freescale Semic. | MC912DG128A | [TQFP112]      | (953)        |
| Freescale Semic. | MC9RS08KA1  |                |              |
| Freescale Semic. | MC9RS08KA1  | (ISP)          | (138)        |
| Freescale Semic. | MC9RS08KA1  | [DFN6]         | (1554)       |
| Freescale Semic. | MC9RS08KA1  | [SOIC8]        | (950)        |
| Freescale Semic. | MC9RS08KA2  |                |              |
| Freescale Semic. | MC9RS08KA2  | (ISP)          | (138)        |
| Freescale Semic. | MC9RS08KA2  | [DFN6]         | (1554)       |
| Freescale Semic. | MC9RS08KA2  | [SOIC8]        | (950)        |
| Freescale Semic. | MC9RS08KA4  | (ISP)          | (138)        |
| Freescale Semic. | MC9RS08KA4  | [PDIP16]       |              |
| Freescale Semic. | MC9RS08KA4  | [PDIP20]       |              |
| Freescale Semic. | MC9RS08KA4  | [SOIC16]       | (1060)       |
| Freescale Semic. | MC9RS08KA4  | [SOIC20]       | (119)        |
| Freescale Semic. | MC9RS08KA4  | [TSSOP16]      | (1088)       |
| Freescale Semic. | MC9RS08KA8  | (ISP)          | (138)        |
| Freescale Semic. | MC9RS08KA8  | [PDIP16]       |              |
| Freescale Semic. | MC9RS08KA8  | [PDIP20]       |              |
| Freescale Semic. | MC9RS08KA8  | [SOIC16]       | (1060)       |
| Freescale Semic. | MC9RS08KA8  | [SOIC20]       | (119)        |
| Freescale Semic. | MC9RS08KA8  | [TSSOP16]      | (1088)       |
| Freescale Semic. | MC9RS08KB12 | (ISP)          | (138) (9997) |
| Freescale Semic. | MC9RS08KB12 | [SOIC16]       | (44)         |
| Freescale Semic. | MC9RS08KB12 | [SOIC20]       | (119)        |
| Freescale Semic. | MC9RS08KB12 | [TSSOP16]      | (1088)       |
| Freescale Semic. | MC9RS08KB2  | (ISP)          | (138)        |
| Freescale Semic. | MC9RS08KB2  | [SOIC8]        | (950)        |
| Freescale Semic. | MC9RS08KB4  | (ISP)          | (138) (9997) |
| Freescale Semic. | MC9RS08KB4  | [SOIC16]       | (44)         |
| Freescale Semic. | MC9RS08KB4  | [SOIC20]       | (119)        |
| Freescale Semic. | MC9RS08KB4  | [TSSOP16]      | (1088)       |
| Freescale Semic. | MC9RS08KB8  | (ISP)          | (138) (9997) |
| Freescale Semic. | MC9RS08KB8  | [SOIC16]       | (44)         |
| Freescale Semic. | MC9RS08KB8  | [SOIC20]       | (119)        |
| Freescale Semic. | MC9RS08KB8  | [TSSOP16]      | (1088)       |
| Freescale Semic. | MC9RS08LA8  | (ISP)          | (138)        |
| Freescale Semic. | MC9RS08LA8  | [LQFP48]       | (174)        |
| Freescale Semic. | MC9RS08LA8  | [QFN48]        | (567)        |
| Freescale Semic. | MC9RS08LE4  | (ISP)          | (138)        |
| Freescale Semic. | MC9RS08LE4  | [SOIC28]       | (51)         |
| Freescale Semic. | MC9S08AC128 | (ISP)          | (138)        |
| Freescale Semic. | MC9S08AC128 | [LQFP44]       | (94)         |
| Freescale Semic. | MC9S08AC128 | [LQFP80]       | (1101)       |
| Freescale Semic. | MC9S08AC128 | [QFP64]        | (800)        |
| Freescale Semic. | MC9S08AC16  | (ISP)          | (138)        |
| Freescale Semic. | MC9S08AC16  | [LQFP32]       | (159)        |
| Freescale Semic. | MC9S08AC16  | [LQFP44]       | (94)         |
| Freescale Semic. | MC9S08AC16  | [QFN48]        | (567)        |
| Freescale Semic. | MC9S08AC16  | [SDIP42]       | (164)        |
| Freescale Semic. | MC9S08AC32  | (ISP)          | (138)        |
| Freescale Semic. | MC9S08AC32  | [LQFP32]       | (159)        |
| Freescale Semic. | MC9S08AC32  | [LQFP44]       | (94)         |
| Freescale Semic. | MC9S08AC32  | [LQFP64]       | (799)        |
| Freescale Semic. | MC9S08AC32  | [QFN48]        | (567)        |
| Freescale Semic. | MC9S08AC32  | [QFP64]        | (800)        |
| Freescale Semic. | MC9S08AC48  | (ISP)          | (138)        |
| Freescale Semic. | MC9S08AC48  | [LQFP32]       | (159)        |
| Freescale Semic. | MC9S08AC48  | [LQFP44]       | (94)         |
| Freescale Semic. | MC9S08AC48  | [LQFP64]       | (799)        |
| Freescale Semic. | MC9S08AC48  | [QFN48]        | (567)        |
| Freescale Semic. | MC9S08AC48  | [QFP64]        | (800)        |
| Freescale Semic. | MC9S08AC60  | (ISP)          | (138)        |
| Freescale Semic. | MC9S08AC60  | [LQFP32]       | (159)        |
| Freescale Semic. | MC9S08AC60  | [LQFP44]       | (94)         |
| Freescale Semic. | MC9S08AC60  | [LQFP64]       | (1100)       |
| Freescale Semic. | MC9S08AC60  | [QFN48]        | (567)        |
| Freescale Semic. | MC9S08AC60  | [QFP64]        | (800)        |
| Freescale Semic. | MC9S08AC8   | (ISP)          | (138)        |
| Freescale Semic. | MC9S08AC8   | [LQFP32]       | (159)        |
| Freescale Semic. | MC9S08AC8   | [LQFP44]       | (94)         |
| Freescale Semic. | MC9S08AC8   | [QFN48]        | (567)        |
| Freescale Semic. | MC9S08AC8   | [SDIP42]       | (164)        |
| Freescale Semic. | MC9S08AC96  | (ISP)          | (138)        |
| Freescale Semic. | MC9S08AC96  | [LQFP44]       | (94)         |
| Freescale Semic. | MC9S08AC96  | [LQFP80]       | (1101)       |
| Freescale Semic. | MC9S08AC96  | [QFP64]        | (800)        |
| Freescale Semic. | MC9S08AW16  | (ISP)          | (138)        |
| Freescale Semic. | MC9S08AW16  | [LQFP44]       | (94)         |
| Freescale Semic. | MC9S08AW16  | [LQFP64]       | (799)        |
| Freescale Semic. | MC9S08AW16  | [QFN48]        | (567)        |
| Freescale Semic. | MC9S08AW16  | [QFP64]        | (800)        |
| Freescale Semic. | MC9S08AW16A | (ISP)          | (138) (9997) |
| Freescale Semic. | MC9S08AW16A | [LQFP32]       | (159)        |
| Freescale Semic. | MC9S08AW32  | (ISP)          | (138)        |
| Freescale Semic. | MC9S08AW32  | [LQFP44]       | (94)         |
| Freescale Semic. | MC9S08AW32  | [LQFP64]       | (799)        |
| Freescale Semic. | MC9S08AW32  | [QFN48]        | (567)        |
| Freescale Semic. | MC9S08AW32  | [QFP64]        | (800)        |
| Freescale Semic. | MC9S08AW48  | (ISP)          | (138)        |
| Freescale Semic. | MC9S08AW48  | [LQFP44]       | (94)         |
| Freescale Semic. | MC9S08AW48  | [LQFP64]       | (799)        |
| Freescale Semic. | MC9S08AW48  | [QFN48]        | (567)        |

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|------------------|-------------|-----------|--------------|
| Freescale Semic. | MC9S08AW48  | [QFP64]   | (800)        |
| Freescale Semic. | MC9S08AW60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08AW60  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08AW60  | [LQFP64]  | (799)        |
| Freescale Semic. | MC9S08AW60  | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08AW60  | [QFP64]   | (800)        |
| Freescale Semic. | MC9S08AW8A  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08AW8A  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DN16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DN16  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DN16  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DN16A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DN16A | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DN16A | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DN32  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DN32  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DN32  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DN32  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DN32A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DN32A | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DN32A | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DN32A | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DN48  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DN48  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DN48  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DN48  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DN48A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DN48A | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DN60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DN60  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DN60  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DN60  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DN60A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DN60A | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DN60A | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DN60A | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DV16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DV16  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DV16  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DV16A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DV16A | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DV16A | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DV32  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DV32  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DV32  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DV32  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DV32A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DV32A | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DV32A | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DV32A | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DV48  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DV48  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DV48  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DV48  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DV48A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DV48A | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DV48A | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DV48A | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DV60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DV60  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DV60  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DV60  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DV60A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DV60A | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DV60A | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DV60A | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DV96  | [LQFP100] | (1583)       |
| Freescale Semic. | MC9S08DV96  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DV96  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DZ128 | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DZ128 | [LQFP100] | (1583)       |
| Freescale Semic. | MC9S08DZ128 | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DZ128 | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DZ16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DZ16  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DZ16  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DZ16A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DZ16A | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DZ16A | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DZ32  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DZ32  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DZ32  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DZ32  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DZ32A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DZ32A | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DZ32A | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DZ32A | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DZ48  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DZ48  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DZ48  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DZ48  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DZ48A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DZ48A | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DZ48A | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DZ48A | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DZ60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DZ60  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DZ60  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DZ60  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DZ60A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DZ60A | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08DZ60A | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DZ60A | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08DZ96  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08DZ96  | [LQFP100] | (1583)       |
| Freescale Semic. | MC9S08DZ96  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08DZ96  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08EL16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08EL16  | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08EL16  | [TSSOP28] | (172)        |
| Freescale Semic. | MC9S08EL32  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08EL32  | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08EL32  | [TSSOP28] | (172)        |
| Freescale Semic. | MC9S08ER48  | (ISP)     | (138) (9999) |
| Freescale Semic. | MC9S08ER48  | [QFN40]   | (885) (9999) |
| Freescale Semic. | MC9S08FL16  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08FL16  | [SDIP32]  | (175)        |
| Freescale Semic. | MC9S08FL8   | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08FL8   | [SDIP32]  | (175)        |
| Freescale Semic. | MC9S08GB16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08GB16  | [LQFP64]  | (799)        |
| Freescale Semic. | MC9S08GB32  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08GB32  | [LQFP64]  | (799)        |
| Freescale Semic. | MC9S08GB32A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08GB32A | [LQFP64]  | (799)        |
| Freescale Semic. | MC9S08GB60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08GB60  | [LQFP64]  | (799)        |
| Freescale Semic. | MC9S08GB60A | (ISP)     | (138)        |

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| Freescale Semic. | MC9S08GB60A | [LQFP64]  | (799)        |
| Freescale Semic. | MC9S08GT16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08GT16  | [QFN32]   | (1294)       |
| Freescale Semic. | MC9S08GT16  | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08GT16  | [QFP44]   | (108)        |
| Freescale Semic. | MC9S08GT16  | [SDIP42]  | (164)        |
| Freescale Semic. | MC9S08GT16A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08GT16A | [QFN32]   | (1294)       |
| Freescale Semic. | MC9S08GT16A | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08GT16A | [QFP44]   | (108)        |
| Freescale Semic. | MC9S08GT16A | [SDIP42]  | (164)        |
| Freescale Semic. | MC9S08GT32  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08GT32  | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08GT32  | [QFP44]   | (108)        |
| Freescale Semic. | MC9S08GT32A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08GT32A | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08GT32A | [QFP44]   | (108)        |
| Freescale Semic. | MC9S08GT60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08GT60  | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08GT60  | [QFP44]   | (108)        |
| Freescale Semic. | MC9S08GT60A | (ISP)     | (138)        |
| Freescale Semic. | MC9S08GT60A | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08GT60A | [QFP44]   | (108)        |
| Freescale Semic. | MC9S08GT60A | [SDIP42]  | (164)        |
| Freescale Semic. | MC9S08GT8   | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08GT8   | [QFN32]   | (1294)       |
| Freescale Semic. | MC9S08GT8   | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08GT8   | [QFP44]   | (108)        |
| Freescale Semic. | MC9S08GT8A  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08GT8A  | [QFN32]   | (1294)       |
| Freescale Semic. | MC9S08GT8A  | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08GT8A  | [QFP44]   | (108)        |
| Freescale Semic. | MC9S08GT8A  | [SDIP42]  | (164)        |
| Freescale Semic. | MC9S08JE128 | [LQFP64]  | (799)        |
| Freescale Semic. | MC9S08JE64  | [LQFP64]  | (799)        |
| Freescale Semic. | MC9S08JM16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08JM16  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08JM16  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08JM16  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08JM16  | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08JM32  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08JM32  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08JM32  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08JM32  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08JM32  | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08JM60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08JM60  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08JM60  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08JM60  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08JM60  | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08JM8   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08JM8   | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08JM8   | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08JM8   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08JM8   | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08JR12  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08JR12  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08JS16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08JS16  | [SOIC20]  | (119)        |
| Freescale Semic. | MC9S08JS16L | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08JS16L | [SOIC20]  | (119)        |
| Freescale Semic. | MC9S08JS8   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08JS8   | [SOIC20]  | (119)        |
| Freescale Semic. | MC9S08JS8L  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08JS8L  | [SOIC20]  | (119)        |
| Freescale Semic. | MC9S08LC60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08LC60  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08LG16  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08LG16  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08LG16  | [LQFP64]  | (799)        |
| Freescale Semic. | MC9S08LG32  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08LG32  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08LG32  | [LQFP64]  | (799)        |
| Freescale Semic. | MC9S08LG32  | [LQFP80]  | (1528)       |
| Freescale Semic. | MC9S08LH36  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08LH36  | [LQFP80]  | (1528)       |
| Freescale Semic. | MC9S08LH64  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08LH64  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08LH64  | [LQFP80]  | (1528)       |
| Freescale Semic. | MC9S08LL16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08LL16  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08LL16  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08LL16  | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08LL36  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08LL36  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08LL36  | [LQFP80]  | (1528)       |
| Freescale Semic. | MC9S08LL64  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08LL64  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08LL64  | [LQFP80]  | (1528)       |
| Freescale Semic. | MC9S08LL8   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08LL8   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08LL8   | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08MP12  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08MP12  | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08MP16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08MP16  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08MP16  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08MP16  | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08PA16  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08PA16  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08PA16  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08PA16  | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08PA16  | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08PA32  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08PA32  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08PA32  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08PA32  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08PA32  | [QFP64]   | (2964)       |
| Freescale Semic. | MC9S08PA4   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08PA4   | [SOIC20]  | (119)        |
| Freescale Semic. | MC9S08PA4   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08PA60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08PA60  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08PA60  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08PA60  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08PA60  | [QFP64]   | (2964)       |
| Freescale Semic. | MC9S08PA8   | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08PA8   | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08PA8   | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08PA8   | [SOIC20]  | (119)        |
| Freescale Semic. | MC9S08PA8   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08PA8   | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08PT16  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08PT16  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08PT16  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08PT16  | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08PT16  | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08PT32  | (ISP)     | (138) (9997) |

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| Freescale Semic. | MC9S08PT32  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08PT32  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08PT32  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08PT32  | [QFP64]   | (2964)       |
| Freescale Semic. | MC9S08PT60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08PT60  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08PT60  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08PT60  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S08PT60  | [QFP64]   | (2964)       |
| Freescale Semic. | MC9S08PT8   | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08PT8   | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08PT8   | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08PT8   | [SOIC20]  | (119)        |
| Freescale Semic. | MC9S08PT8   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08PT8   | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08QA2   |           |              |
| Freescale Semic. | MC9S08QA2   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08QA2   | [DFN8]    | (711)        |
| Freescale Semic. | MC9S08QA2   | [SOIC8]   | (950)        |
| Freescale Semic. | MC9S08QA4   |           |              |
| Freescale Semic. | MC9S08QA4   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08QA4   | [DFN8]    | (711)        |
| Freescale Semic. | MC9S08QA4   | [SOIC8]   | (950)        |
| Freescale Semic. | MC9S08QB4   | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08QB4   | [QFN24]   | (1561)       |
| Freescale Semic. | MC9S08QB4   | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08QB4   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08QB8   | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S08QB8   | [QFN24]   | (1561)       |
| Freescale Semic. | MC9S08QB8   | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08QB8   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08QD2   |           |              |
| Freescale Semic. | MC9S08QD2   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08QD2   | [SOIC8]   | (950)        |
| Freescale Semic. | MC9S08QD4   |           |              |
| Freescale Semic. | MC9S08QD4   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08QD4   | [SOIC8]   | (950)        |
| Freescale Semic. | MC9S08QE128 | (ISP)     | (138)        |
| Freescale Semic. | MC9S08QE128 | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08QE128 | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08QE128 | [LQFP80]  | (1101)       |
| Freescale Semic. | MC9S08QE128 | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08QE128 | [QFP44]   | (94)         |
| Freescale Semic. | MC9S08QE16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08QE16  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08QE16  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08QE16  | [QFN32]   | (1294)       |
| Freescale Semic. | MC9S08QE16  | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08QE16  | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08QE32  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08QE32  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08QE32  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08QE32  | [QFN32]   | (1294)       |
| Freescale Semic. | MC9S08QE32  | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08QE32  | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08QE4   |           |              |
| Freescale Semic. | MC9S08QE4   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08QE4   | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08QE4   | [SOIC20]  | (119)        |
| Freescale Semic. | MC9S08QE4   | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08QE4   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08QE64  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08QE64  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08QE64  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08QE64  | [LQFP80]  | (1101)       |
| Freescale Semic. | MC9S08QE64  | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08QE64  | [QFP44]   | (94)         |
| Freescale Semic. | MC9S08QE8   |           |              |
| Freescale Semic. | MC9S08QE8   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08QE8   | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08QE8   | [SOIC20]  | (119)        |
| Freescale Semic. | MC9S08QE8   | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08QE8   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08QE96  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08QE96  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08QE96  | [LQFP64]  | (1100)       |
| Freescale Semic. | MC9S08QE96  | [LQFP80]  | (1101)       |
| Freescale Semic. | MC9S08QE96  | [QFN48]   | (567)        |
| Freescale Semic. | MC9S08QE96  | [QFP44]   | (94)         |
| Freescale Semic. | MC9S08QG4   |           |              |
| Freescale Semic. | MC9S08QG4   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08QG4   | [DFN8]    | (711)        |
| Freescale Semic. | MC9S08QG4   | [DIP16]   |              |
| Freescale Semic. | MC9S08QG4   | [QFN16]   | (712)        |
| Freescale Semic. | MC9S08QG4   | [SOIC8]   | (950)        |
| Freescale Semic. | MC9S08QG4   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08QG8   |           |              |
| Freescale Semic. | MC9S08QG8   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08QG8   | [DFN8]    | (711)        |
| Freescale Semic. | MC9S08QG8   | [DIP16]   |              |
| Freescale Semic. | MC9S08QG8   | [QFN16]   | (712)        |
| Freescale Semic. | MC9S08QG8   | [SOIC8]   | (950)        |
| Freescale Semic. | MC9S08QG8   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08RC16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08RC16  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RC16  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08RC32  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08RC32  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RC32  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08RC60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08RC60  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RC60  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08RC8   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08RC8   | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RC8   | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08RD16  |           |              |
| Freescale Semic. | MC9S08RD16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08RD16  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RD16  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08RD16  | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08RD32  |           |              |
| Freescale Semic. | MC9S08RD32  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08RD32  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RD32  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08RD32  | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08RD60  |           |              |
| Freescale Semic. | MC9S08RD60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08RD60  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RD60  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08RD60  | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08RD8   |           |              |
| Freescale Semic. | MC9S08RD8   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08RD8   | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RD8   | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08RE16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08RE16  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RE16  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08RE32  | (ISP)     | (138)        |

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| Freescale Semic. | MC9S08RE32  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RE32  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08RE60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08RE60  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RE60  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08RE8   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08RE8   | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RE8   | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08RG32  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08RG32  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RG32  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08RG60  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08RG60  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08RG60  | [LQFP44]  | (94)         |
| Freescale Semic. | MC9S08RN32  | [LQFP32]  | (4239)       |
| Freescale Semic. | MC9S08SC4   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SC4   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08SE4   |           |              |
| Freescale Semic. | MC9S08SE4   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SE4   | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08SE4   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08SE8   |           |              |
| Freescale Semic. | MC9S08SE8   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SE8   | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08SE8   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08SF4   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08SF4   | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08SG16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SG16  | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08SG16  | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08SG16  | [TSSOP28] | (172)        |
| Freescale Semic. | MC9S08SG32  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SG32  | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08SG32  | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08SG32  | [TSSOP28] | (172)        |
| Freescale Semic. | MC9S08SG4   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SG4   | [SOIC8]   | (950)        |
| Freescale Semic. | MC9S08SG4   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08SG4   | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08SG8   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SG8   | [SOIC8]   | (950)        |
| Freescale Semic. | MC9S08SG8   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08SG8   | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08SH16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SH16  | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08SH16  | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08SH16  | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08SH16  | [TSSOP28] | (172)        |
| Freescale Semic. | MC9S08SH32  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SH32  | [SOIC28]  | (51)         |
| Freescale Semic. | MC9S08SH32  | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08SH32  | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08SH32  | [TSSOP28] | (172)        |
| Freescale Semic. | MC9S08SH4   |           |              |
| Freescale Semic. | MC9S08SH4   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SH4   | [QFN24]   | (731)        |
| Freescale Semic. | MC9S08SH4   | [SOIC20]  | (119)        |
| Freescale Semic. | MC9S08SH4   | [SOIC8]   | (950)        |
| Freescale Semic. | MC9S08SH4   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08SH4   | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08SH8   |           |              |
| Freescale Semic. | MC9S08SH8   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SH8   | [QFN24]   | (731)        |
| Freescale Semic. | MC9S08SH8   | [SOIC20]  | (119)        |
| Freescale Semic. | MC9S08SH8   | [SOIC8]   | (950)        |
| Freescale Semic. | MC9S08SH8   | [TSSOP16] | (1088)       |
| Freescale Semic. | MC9S08SH8   | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08SL16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SL16  | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08SL16  | [TSSOP28] | (172)        |
| Freescale Semic. | MC9S08SL8   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SL8   | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S08SL8   | [TSSOP28] | (172)        |
| Freescale Semic. | MC9S08SV16  | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SV16  | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08SV16  | [SDIP32]  | (175)        |
| Freescale Semic. | MC9S08SV8   | (ISP)     | (138)        |
| Freescale Semic. | MC9S08SV8   | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S08SV8   | [SDIP32]  | (175)        |
| Freescale Semic. | MC9S12A128  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12A128  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12A128  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12A128B | (ISP)     | (138)        |
| Freescale Semic. | MC9S12A128B | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12A128B | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12A128C | (ISP)     | (138)        |
| Freescale Semic. | MC9S12A128C | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12A128C | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12A256  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12A256  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12A256  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12A256B | (ISP)     | (138)        |
| Freescale Semic. | MC9S12A256B | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12A256B | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12A256C | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12A256C | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12A256C | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12A32   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12A32   | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12A512  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12A512  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12A64   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12A64   | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12A64   | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12B128  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12B128  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12B128  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12B64   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12B64   | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12B64   | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12B96   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12B96   | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12C128  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12C128  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12C128  | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12C128  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12C128C | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12C128C | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12C128C | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12C32   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12C32   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12C32   | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12C32   | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12C32C  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12C32C  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12C32C  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12C64   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12C64   | [LQFP48]  | (174)        |



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|------------------|--------------|-----------|--------------|
| Freescale Semic. | MC9S12C64    | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12C64    | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12C96    | (ISP)     | (138)        |
| Freescale Semic. | MC9S12C96    | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12C96    | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12C96    | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12D32    | (ISP)     | (138)        |
| Freescale Semic. | MC9S12D32    | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12D64    | (ISP)     | (138)        |
| Freescale Semic. | MC9S12D64    | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12D64    | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DB128  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12DB128  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DB128  | [QFP80]   | (1081)       |
| Freescale Semic. | MC9S12DB128B | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12DB128B | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DB128B | [QFP80]   | (1081)       |
| Freescale Semic. | MC9S12DG128  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DG128  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DG128  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DG128A | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DG128A | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DG128B | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DG128B | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DG128B | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DG128C | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12DG128C | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DG128C | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DG128E | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DG128E | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DG128E | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DG256  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DG256  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DG256  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DG256B | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DG256B | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DG256B | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DG256C | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DG256C | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DJ128  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DJ128  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DJ128  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DJ128B | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DJ128B | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DJ128B | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DJ128E | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12DJ128E | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DJ128E | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DJ256  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DJ256  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DJ256  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DJ256B | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DJ256B | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DJ256B | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DJ256C | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12DJ256C | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DJ256C | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DJ64   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DJ64   | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DJ64   | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DP256B | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DP256B | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DP256C | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DP256C | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DP512  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DP512  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DT128  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12DT128  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DT128  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DT128B | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12DT128B | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DT128C | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12DT128C | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DT128E | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12DT128E | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DT256  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DT256  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DT256  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12DT256B | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12DT256B | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DT256C | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12DT256C | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12DT512  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12DT512  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12E128   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12E128   | [LQFP112] | (678)        |
| Freescale Semic. | MC9S12E128   | [QFP80]   | (677)        |
| Freescale Semic. | MC9S12E256   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12E256   | [LQFP112] | (678)        |
| Freescale Semic. | MC9S12E256   | [QFP80]   | (677)        |
| Freescale Semic. | MC9S12E64    | (ISP)     | (138)        |
| Freescale Semic. | MC9S12E64    | [LQFP112] | (678)        |
| Freescale Semic. | MC9S12E64    | [QFP80]   | (677)        |
| Freescale Semic. | MC9S12G128   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12G128   | [LQFP100] | (2945)       |
| Freescale Semic. | MC9S12G128   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12G128   | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12G192   | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12G192   | [LQFP100] | (2945)       |
| Freescale Semic. | MC9S12G192   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12G192   | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12G240   | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12G240   | [LQFP100] | (2945)       |
| Freescale Semic. | MC9S12G240   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12G240   | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12G48    | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12G48    | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S12G48    | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12G48    | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12G64    | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12G64    | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S12G64    | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12G64    | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12G96    | (ISP)     | (138)        |
| Freescale Semic. | MC9S12G96    | [LQFP100] | (2945)       |
| Freescale Semic. | MC9S12G96    | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12G96    | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12GA128  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12GA128  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GA192  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12GA192  | [LQFP100] | (2945)       |
| Freescale Semic. | MC9S12GA192  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GA192  | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12GA240  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12GA240  | [LQFP100] | (2945)       |
| Freescale Semic. | MC9S12GA240  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GA240  | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12GA48   | (ISP)     | (138) (9997) |

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|------------------|--------------|-----------|--------------|
| Freescale Semic. | MC9S12GA48   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GA48   | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12GA64   | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12GA64   | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12GC128  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12GC128  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GC128  | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12GC128  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12GC128C | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12GC128C | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GC128C | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12GC128C | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12GC16   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12GC16   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GC16   | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12GC16   | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12GC32   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12GC32   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GC32   | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12GC32   | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12GC32C  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12GC32C  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GC32C  | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12GC32C  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12GC64   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12GC64   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GC64   | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12GC64   | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12GC96   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12GC96   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GC96   | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12GC96   | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12GN16   | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S12GN16   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GN16   | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S12GN32   | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12GN32   | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S12GN32   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GN32   | [TSSOP20] | (1089)       |
| Freescale Semic. | MC9S12GN48   | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12GN48   | [LQFP32]  | (159)        |
| Freescale Semic. | MC9S12GN48   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GN48   | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12GNA16  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12GNA32  | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12H128   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12H128   | [LQFP112] | (932)        |
| Freescale Semic. | MC9S12H128   | [LQFP144] | (1327)       |
| Freescale Semic. | MC9S12H256   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12H256   | [LQFP112] | (932)        |
| Freescale Semic. | MC9S12H256   | [LQFP144] | (1327)       |
| Freescale Semic. | MC9S12HA32   | [LQFP100] | (2618)       |
| Freescale Semic. | MC9S12HA32   | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12HA48   | [LQFP100] | (2618)       |
| Freescale Semic. | MC9S12HY32   | [LQFP100] | (2618)       |
| Freescale Semic. | MC9S12HY32   | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12HY48   | [LQFP100] | (2618)       |
| Freescale Semic. | MC9S12HY64   | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12HY64   | [LQFP100] | (2618)       |
| Freescale Semic. | MC9S12HY64   | [LQFP64]  | (2689)       |
| Freescale Semic. | MC9S12HZ128  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12HZ128  | [LQFP112] | (932)        |
| Freescale Semic. | MC9S12HZ256  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12HZ256  | [LQFP112] | (932)        |
| Freescale Semic. | MC9S12KG128  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12KG128  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12KG256  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12KG256  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12KT256  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12KT256  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12NE64   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12NE64   | [LQFP112] | (750)        |
| Freescale Semic. | MC9S12NE64   | [TQFP80]  | (749)        |
| Freescale Semic. | MC9S12P128   | [LQFP64]  | (2309)       |
| Freescale Semic. | MC9S12P128   | [LQFP80]  | (698)        |
| Freescale Semic. | MC9S12P128   | [QFN48]   | (567)        |
| Freescale Semic. | MC9S12P32    | [LQFP64]  | (2309)       |
| Freescale Semic. | MC9S12P32    | [LQFP80]  | (698)        |
| Freescale Semic. | MC9S12P32    | [QFN48]   | (567)        |
| Freescale Semic. | MC9S12P64    | [LQFP64]  | (2309)       |
| Freescale Semic. | MC9S12P64    | [LQFP80]  | (698)        |
| Freescale Semic. | MC9S12P64    | [QFN48]   | (567)        |
| Freescale Semic. | MC9S12P96    | [LQFP64]  | (2309)       |
| Freescale Semic. | MC9S12P96    | [LQFP80]  | (698)        |
| Freescale Semic. | MC9S12P96    | [QFN48]   | (567)        |
| Freescale Semic. | MC9S12Q128   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12Q128   | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12Q128   | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12Q128   | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12Q32    | (ISP)     | (138)        |
| Freescale Semic. | MC9S12Q32    | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12Q32    | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12Q64    | (ISP)     | (138)        |
| Freescale Semic. | MC9S12Q64    | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12Q64    | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12Q96    | (ISP)     | (138)        |
| Freescale Semic. | MC9S12Q96    | [LQFP48]  | (174)        |
| Freescale Semic. | MC9S12Q96    | [LQFP52]  | (801)        |
| Freescale Semic. | MC9S12Q96    | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12UF32   | (ISP)     | (138)        |
| Freescale Semic. | MC9S12UF32   | [LQFP100] | (954)        |
| Freescale Semic. | MC9S12XA128  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12XA128  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XA128  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XA256  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12XA256  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XA256  | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XA256  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XA512  | (ISP)     | (138)        |
| Freescale Semic. | MC9S12XA512  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XA512  | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XA512  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XB128  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XB128  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XB256  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XB256  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XD128  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12XD128  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XD128  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XD256  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12XD256  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XD256  | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XD256  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XD64   | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XDG128 | (ISP)     | (138)        |
| Freescale Semic. | MC9S12XDG128 | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XDG128 | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XDP512 | (ISP)     | (138)        |

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| Freescale Semic. | MC9S12XDP512 | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XDP512 | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XDP512 | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XDQ256 | (ISP)     | (138)        |
| Freescale Semic. | MC9S12XDQ256 | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XDQ256 | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XDQ256 | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XDT256 | (ISP)     | (138)        |
| Freescale Semic. | MC9S12XDT256 | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XDT256 | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XDT256 | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XDT384 | (ISP)     | (138)        |
| Freescale Semic. | MC9S12XDT384 | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XDT384 | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XDT384 | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XDT512 | (ISP)     | (138)        |
| Freescale Semic. | MC9S12XDT512 | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XDT512 | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XDT512 | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XEG128 | (ISP)     | (138)        |
| Freescale Semic. | MC9S12XEG128 | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XEG128 | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XEG384 | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XEG384 | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XEP100 | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12XEP100 | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XEP100 | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XEP768 | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XEP768 | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XEQ384 | (ISP)     | (138)        |
| Freescale Semic. | MC9S12XEQ384 | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XEQ384 | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XEQ384 | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XEQ512 | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12XEQ512 | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XEQ512 | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XEQ512 | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XET256 | (ISP)     | (138)        |
| Freescale Semic. | MC9S12XET256 | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XET256 | [LQFP144] | (827)        |
| Freescale Semic. | MC9S12XET256 | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XHY128 | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12XHY128 | [LQFP112] | (2879)       |
| Freescale Semic. | MC9S12XHY256 | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12XHY256 | [LQFP112] | (2879)       |
| Freescale Semic. | MC9S12XHZ256 | [LQFP112] | (932)        |
| Freescale Semic. | MC9S12XHZ256 | [LQFP144] | (1327)       |
| Freescale Semic. | MC9S12XHZ384 | (ISP)     | (138)        |
| Freescale Semic. | MC9S12XHZ384 | [LQFP112] | (932)        |
| Freescale Semic. | MC9S12XHZ384 | [LQFP144] | (1327)       |
| Freescale Semic. | MC9S12XHZ512 | (ISP)     | (138)        |
| Freescale Semic. | MC9S12XHZ512 | [LQFP112] | (932)        |
| Freescale Semic. | MC9S12XHZ512 | [LQFP144] | (1327)       |
| Freescale Semic. | MC9S12XS128  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12XS128  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XS128  | [LQFP64]  | (2309)       |
| Freescale Semic. | MC9S12XS128  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XS256  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12XS256  | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XS256  | [LQFP64]  | (2309)       |
| Freescale Semic. | MC9S12XS256  | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12XS64   | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12XS64   | [LQFP112] | (699)        |
| Freescale Semic. | MC9S12XS64   | [LQFP64]  | (2309)       |
| Freescale Semic. | MC9S12XS64   | [QFP80]   | (698)        |
| Freescale Semic. | MC9S12ZVL12  | [LQFP32]  | (4041)       |
| Freescale Semic. | MC9S12ZVL12  | [LQFP48]  | (4016)       |
| Freescale Semic. | MC9S12ZVL16  | [LQFP32]  | (4041)       |
| Freescale Semic. | MC9S12ZVL16  | [LQFP48]  | (4016)       |
| Freescale Semic. | MC9S12ZVL32  | (ISP)     | (138) (9997) |
| Freescale Semic. | MC9S12ZVL32  | [LQFP32]  | (4041)       |
| Freescale Semic. | MC9S12ZVL32  | [LQFP48]  | (4016)       |
| Freescale Semic. | MC9S12ZVL64  | [LQFP32]  | (4041)       |
| Freescale Semic. | MC9S12ZVL64  | [LQFP48]  | (4016)       |
| Freescale Semic. | MC9S12ZVL8   | [LQFP32]  | (4041)       |
| Freescale Semic. | MC9S12ZVL8   | [LQFP48]  | (4016)       |
| Freescale Semic. | MC9S12ZVL96  | [LQFP32]  | (4041)       |
| Freescale Semic. | MC9S12ZVL96  | [LQFP48]  | (4016)       |
| Freescale Semic. | MC9S12ZVLA12 | [LQFP32]  | (4041)       |
| Freescale Semic. | MC9S12ZVLA12 | [LQFP48]  | (4016)       |
| Freescale Semic. | MC9S12ZVLA64 | [LQFP48]  | (4016)       |
| Freescale Semic. | MC9S12ZVLA96 | [LQFP32]  | (4041)       |
| Freescale Semic. | MC9S12ZVLA96 | [LQFP48]  | (4016)       |
| Freescale Semic. | MC9S12ZVLS16 | [QFN32]   | (4089)       |
| Freescale Semic. | MC9S12ZVLS32 | [QFN32]   | (4089)       |
| Freescale Semic. | MC9S12ZVMC12 | [LQFP64]  | (3102)       |
| Freescale Semic. | MC9S12ZVMC64 | [LQFP64]  | (3102)       |
| Freescale Semic. | MC9S12ZVML12 | [LQFP64]  | (3102)       |
| Freescale Semic. | MC9S12ZVML32 | [LQFP64]  | (3102)       |
| Freescale Semic. | MC9S12ZVML64 | [LQFP64]  | (3102)       |
| Freescale Semic. | MCF51AC128A  | [LQFP64]  | (799)        |
| Freescale Semic. | MCF51AC128A  | [LQFP80]  | (1101)       |
| Freescale Semic. | MCF51AC128A  | [QFP64]   | (800)        |
| Freescale Semic. | MCF51AC128C  | [LQFP64]  | (799)        |
| Freescale Semic. | MCF51AC128C  | [LQFP80]  | (1101)       |
| Freescale Semic. | MCF51AC128C  | [QFP64]   | (800)        |
| Freescale Semic. | MCF51AC256A  | [LQFP64]  | (799)        |
| Freescale Semic. | MCF51AC256A  | [LQFP80]  | (1101)       |
| Freescale Semic. | MCF51AC256A  | [QFP64]   | (800)        |
| Freescale Semic. | MCF51AC256B  | [LQFP64]  | (799)        |
| Freescale Semic. | MCF51AC256B  | [LQFP80]  | (1101)       |
| Freescale Semic. | MCF51AC256B  | [QFP64]   | (800)        |
| Freescale Semic. | MCF51AG128   | [LQFP48]  | (174)        |
| Freescale Semic. | MCF51AG128   | [LQFP64]  | (799)        |
| Freescale Semic. | MCF51AG128   | [LQFP80]  | (1528)       |
| Freescale Semic. | MCF51AG128   | [QFP64]   | (800)        |
| Freescale Semic. | MCF51AG96    | [LQFP48]  | (174)        |
| Freescale Semic. | MCF51AG96    | [LQFP64]  | (799)        |
| Freescale Semic. | MCF51AG96    | [QFP64]   | (800)        |
| Freescale Semic. | MCF51CN128   | [LQFP80]  | (1101)       |
| Freescale Semic. | MCF51CN128   | [QFN48]   | (567)        |
| Freescale Semic. | MCF51EM128   | [LQFP100] | (2280)       |
| Freescale Semic. | MCF51EM256   | [LQFP100] | (2280)       |
| Freescale Semic. | MCF51JE256   | (ISP)     | (138) (9997) |
| Freescale Semic. | MCF51JE256   | [LQFP100] | (2280)       |
| Freescale Semic. | MCF51JM128   | (ISP)     | (138) (9997) |
| Freescale Semic. | MCF51JM128   | [LQFP44]  | (94)         |
| Freescale Semic. | MCF51JM128   | [LQFP64]  | (799)        |
| Freescale Semic. | MCF51JM128   | [LQFP80]  | (1101)       |
| Freescale Semic. | MCF51JM128   | [QFP64]   | (800)        |
| Freescale Semic. | MCF51JM128E  | (ISP)     | (138) (9997) |
| Freescale Semic. | MCF51JM128E  | [LQFP44]  | (94)         |
| Freescale Semic. | MCF51JM128E  | [LQFP64]  | (799)        |
| Freescale Semic. | MCF51JM128E  | [LQFP80]  | (1101)       |
| Freescale Semic. | MCF51JM128E  | [QFP64]   | (800)        |
| Freescale Semic. | MCF51JM32    | [LQFP44]  | (94)         |
| Freescale Semic. | MCF51JM32    | [LQFP64]  | (799)        |
| Freescale Semic. | MCF51JM32    | [LQFP80]  | (1101)       |

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| Freescale Semic. | MCF51JM32   | [QFP64]     | (800)        |
| Freescale Semic. | MCF51JM32E  | [LQFP44]    | (94)         |
| Freescale Semic. | MCF51JM32E  | [LQFP64]    | (799)        |
| Freescale Semic. | MCF51JM32E  | [LQFP80]    | (1101)       |
| Freescale Semic. | MCF51JM32E  | [QFP64]     | (800)        |
| Freescale Semic. | MCF51JM64   | (ISP)       | (138) (9997) |
| Freescale Semic. | MCF51JM64   | [LQFP44]    | (94)         |
| Freescale Semic. | MCF51JM64   | [LQFP64]    | (799)        |
| Freescale Semic. | MCF51JM64   | [LQFP80]    | (1101)       |
| Freescale Semic. | MCF51JM64   | [QFP64]     | (800)        |
| Freescale Semic. | MCF51JM64E  | (ISP)       | (138) (9997) |
| Freescale Semic. | MCF51JM64E  | [LQFP44]    | (94)         |
| Freescale Semic. | MCF51JM64E  | [LQFP64]    | (799)        |
| Freescale Semic. | MCF51JM64E  | [LQFP80]    | (1101)       |
| Freescale Semic. | MCF51JM64E  | [QFP64]     | (800)        |
| Freescale Semic. | MCF51JU128  | [LQFP64]    | (4135)       |
| Freescale Semic. | MCF51MM256  | [LQFP100]   | (2280)       |
| Freescale Semic. | MCF51QE128  | [LQFP64]    | (1100)       |
| Freescale Semic. | MCF51QE128  | [LQFP80]    | (1101)       |
| Freescale Semic. | MCF51QE32   | [LQFP64]    | (1100)       |
| Freescale Semic. | MCF51QE32   | [LQFP80]    | (1101)       |
| Freescale Semic. | MCF51QE64   | [LQFP64]    | (1100)       |
| Freescale Semic. | MCF51QE64   | [LQFP80]    | (1101)       |
| Freescale Semic. | MCF51QE96   | [LQFP64]    | (1100)       |
| Freescale Semic. | MCF51QE96   | [LQFP80]    | (1101)       |
| Freescale Semic. | MCF51QM128  | [LQFP64]    | (4135)       |
| Freescale Semic. | MCF51QU128  | [LQFP64]    | (4135)       |
| Freescale Semic. | MCF52100    | (ISP)       | (138)        |
| Freescale Semic. | MCF52100    | [LQFP64]    | (1102)       |
| Freescale Semic. | MCF52100    | [MAPBGA81]  | (1244)       |
| Freescale Semic. | MCF52100    | [QFN64]     | (1117)       |
| Freescale Semic. | MCF5211     | (ISP)       | (138)        |
| Freescale Semic. | MCF5211     | [LQFP64]    | (1102)       |
| Freescale Semic. | MCF5211     | [MAPBGA81]  | (1244)       |
| Freescale Semic. | MCF5211     | [QFN64]     | (1117)       |
| Freescale Semic. | MCF52110    | (ISP)       | (138)        |
| Freescale Semic. | MCF52110    | [LQFP100]   | (969)        |
| Freescale Semic. | MCF52110    | [LQFP64]    | (1102)       |
| Freescale Semic. | MCF52110    | [MAPBGA81]  | (1244)       |
| Freescale Semic. | MCF52110    | [QFN64]     | (1117)       |
| Freescale Semic. | MCF5212     | (ISP)       | (138)        |
| Freescale Semic. | MCF5212     | [LQFP64]    | (1102)       |
| Freescale Semic. | MCF5212     | [MAPBGA81]  | (1244)       |
| Freescale Semic. | MCF5213     | (ISP)       | (138)        |
| Freescale Semic. | MCF5213     | [LQFP100]   | (969)        |
| Freescale Semic. | MCF5213     | [MAPBGA81]  | (1244)       |
| Freescale Semic. | MCF5214     | [MAPBGA256] | (1176)       |
| Freescale Semic. | MCF5216     | [MAPBGA256] | (1176)       |
| Freescale Semic. | MCF52210    | (ISP)       | (138)        |
| Freescale Semic. | MCF52210    | [LQFP64]    | (1102)       |
| Freescale Semic. | MCF52210    | [MAPBGA81]  | (1244)       |
| Freescale Semic. | MCF52210    | [QFN64]     | (1117)       |
| Freescale Semic. | MCF52211    | (ISP)       | (138)        |
| Freescale Semic. | MCF52211    | (ISP-BDM)   | (138)        |
| Freescale Semic. | MCF52211    | [LQFP100]   | (969)        |
| Freescale Semic. | MCF52211    | [LQFP64]    | (1102)       |
| Freescale Semic. | MCF52211    | [MAPBGA81]  | (1244)       |
| Freescale Semic. | MCF52211    | [QFN64]     | (1117)       |
| Freescale Semic. | MCF52212    | (ISP)       | (138)        |
| Freescale Semic. | MCF52212    | [LQFP64]    | (1102)       |
| Freescale Semic. | MCF52213    | (ISP)       | (138)        |
| Freescale Semic. | MCF52213    | [LQFP64]    | (1102)       |
| Freescale Semic. | MCF52221    | (ISP)       | (138)        |
| Freescale Semic. | MCF52221    | [LQFP100]   | (969)        |
| Freescale Semic. | MCF52221    | [LQFP64]    | (1102)       |
| Freescale Semic. | MCF52221    | [MAPBGA81]  | (1244)       |
| Freescale Semic. | MCF52223    | (ISP)       | (138)        |
| Freescale Semic. | MCF52223    | [LQFP100]   | (969)        |
| Freescale Semic. | MCF52223    | [MAPBGA81]  | (1244)       |
| Freescale Semic. | MCF52230    | [LQFP112]   | (1185)       |
| Freescale Semic. | MCF52230    | [LQFP80]    | (1184)       |
| Freescale Semic. | MCF52231    | [LQFP112]   | (1185)       |
| Freescale Semic. | MCF52231    | [LQFP80]    | (1184)       |
| Freescale Semic. | MCF52232    | [LQFP80]    | (1184)       |
| Freescale Semic. | MCF52233    | [LQFP112]   | (1185)       |
| Freescale Semic. | MCF52233    | [LQFP80]    | (1184)       |
| Freescale Semic. | MCF52234    | [LQFP112]   | (1185)       |
| Freescale Semic. | MCF52234    | [MAPBGA121] | (1203)       |
| Freescale Semic. | MCF52235    | [LQFP112]   | (1185)       |
| Freescale Semic. | MCF52235    | [MAPBGA121] | (1203)       |
| Freescale Semic. | MCF52236    | [LQFP80]    | (1184)       |
| Freescale Semic. | MCF52252    | (ISP)       | (138)        |
| Freescale Semic. | MCF52252    | [LQFP100]   | (1549)       |
| Freescale Semic. | MCF52254    | (ISP)       | (138)        |
| Freescale Semic. | MCF52254    | [LQFP100]   | (1549)       |
| Freescale Semic. | MCF52255    | (ISP)       | (138)        |
| Freescale Semic. | MCF52255    | [LQFP100]   | (1549)       |
| Freescale Semic. | MCF52256    | (ISP)       | (138)        |
| Freescale Semic. | MCF52256    | [LQFP144]   | (1344)       |
| Freescale Semic. | MCF52256    | [MAPBGA144] | (3010)       |
| Freescale Semic. | MCF52258    | (ISP)       | (138)        |
| Freescale Semic. | MCF52258    | [LQFP144]   | (1344)       |
| Freescale Semic. | MCF52258    | [MAPBGA144] | (3010)       |
| Freescale Semic. | MCF52259    | (ISP)       | (138)        |
| Freescale Semic. | MCF52259    | [LQFP144]   | (1344)       |
| Freescale Semic. | MCF52259    | [MAPBGA144] | (3010)       |
| Freescale Semic. | MCF5281     | [MAPBGA256] | (1176)       |
| Freescale Semic. | MCF5282     | [MAPBGA256] | (1176)       |
| Freescale Semic. | MCHC705B16N | [PLCC52]    | (110)        |
| Freescale Semic. | MCHC705JP7  | [SOIC28]    | (51)         |
| Freescale Semic. | MCHC705KJ1  |             |              |
| Freescale Semic. | MCHC705KJ1  | [SOIC16]    | (1060)       |
| Freescale Semic. | MCHC705X32  | [QFP64]     | (113)        |
| Freescale Semic. | MCHC908AB32 | [QFP64]     | (115)        |
| Freescale Semic. | MCHC908AP16 | [LQFP48]    | (174)        |
| Freescale Semic. | MCHC908AP16 | [QFP44]     | (108)        |
| Freescale Semic. | MCHC908AP16 | [SDIP42]    | (164)        |
| Freescale Semic. | MCHC908AP32 | [LQFP48]    | (174)        |
| Freescale Semic. | MCHC908AP32 | [QFP44]     | (108)        |
| Freescale Semic. | MCHC908AP32 | [SDIP42]    | (164)        |
| Freescale Semic. | MCHC908AP64 | [LQFP48]    | (174)        |
| Freescale Semic. | MCHC908AP64 | [QFP44]     | (108)        |
| Freescale Semic. | MCHC908AP64 | [SDIP42]    | (164)        |
| Freescale Semic. | MCHC908AP8  | [LQFP48]    | (174)        |
| Freescale Semic. | MCHC908AP8  | [QFP44]     | (108)        |
| Freescale Semic. | MCHC908AP8  | [SDIP42]    | (164)        |
| Freescale Semic. | MCHC908AZ60 | [QFP64]     | (115)        |
| Freescale Semic. | MCHC908GR8  | [LQFP32]    | (159)        |
| Freescale Semic. | MCHC908GR8A | [LQFP32]    | (159)        |
| Freescale Semic. | MCHC908JK1  |             |              |
| Freescale Semic. | MCHC908JK1  | [SOIC20]    | (119)        |
| Freescale Semic. | MCHC908JK1E |             |              |
| Freescale Semic. | MCHC908JK3  |             |              |
| Freescale Semic. | MCHC908JK3  | [SOIC20]    | (119)        |
| Freescale Semic. | MCHC908JK3E |             |              |
| Freescale Semic. | MCHC908JK3E | [SOIC20]    | (119)        |
| Freescale Semic. | MCHC908JK8  |             |              |
| Freescale Semic. | MCHC908JL3E | [SOIC28]    | (51)         |

|                  |                 |                         |              |
|------------------|-----------------|-------------------------|--------------|
| Freescale Semic. | MCHC908JW16     | [LQFP48]                | (174)        |
| Freescale Semic. | MCHC908JW16     | [QFN48]                 | (567)        |
| Freescale Semic. | MCHC908JW32     | [LQFP48]                | (174)        |
| Freescale Semic. | MCHC908JW32     | [QFN48]                 | (567)        |
| Freescale Semic. | MCHC908LK24     | [QFP80]                 | (591)        |
| Freescale Semic. | MCHC908MR8      | [LQFP32]                | (159)        |
| Freescale Semic. | MCHC908MR8      | [LQFP32] (full support) | (2804)       |
| Freescale Semic. | MCHC908QT1      | [SOIC8]                 | (46)         |
| Freescale Semic. | MCHC908QT2      | [SOIC8]                 | (46)         |
| Freescale Semic. | MCHC908QT4      | [SOIC8]                 | (46)         |
| Freescale Semic. | MCHC908QY1      | [SOIC16]                | (1060)       |
| Freescale Semic. | MCHC908QY2      | [SOIC16]                | (1060)       |
| Freescale Semic. | MCHC908QY4      | [SOIC16]                | (1060)       |
| Freescale Semic. | MCHC908RF2      | [LQFP32]                | (159)        |
| Freescale Semic. | MCHLC705KJ1     |                         |              |
| Freescale Semic. | MCHLC705KJ1     | [SOIC16]                | (1060)       |
| Freescale Semic. | MCHLC908QT1     |                         |              |
| Freescale Semic. | MCHLC908QT2     |                         |              |
| Freescale Semic. | MCHLC908QT2     | [SOIC8]                 | (46)         |
| Freescale Semic. | MCHLC908QT4     |                         |              |
| Freescale Semic. | MCHLC908QT4     | [SOIC8]                 | (46)         |
| Freescale Semic. | MCHLC908QY1     |                         |              |
| Freescale Semic. | MCHLC908QY2     |                         |              |
| Freescale Semic. | MCHLC908QY4     |                         |              |
| Freescale Semic. | MCHLC908QY4     | [TSSOP16]               | (1088)       |
| Freescale Semic. | MCHRC705J1A     | [SOIC20]                | (119)        |
| Freescale Semic. | MCHRC705KJ1     |                         |              |
| Freescale Semic. | MCHRC705KJ1     | [SOIC16]                | (1060)       |
| Freescale Semic. | MCHSC705C8A     |                         |              |
| Freescale Semic. | MCHSC705C8A     | [PLCC44]                | (67)         |
| Freescale Semic. | MCHSC705C8A     | [QFP44]                 | (108)        |
| Freescale Semic. | MCR705JP7       | [SOIC28]                | (4045)       |
| Freescale Semic. | MCR908JK1E      |                         |              |
| Freescale Semic. | MCR908JK1E      | (ISP 5-wire)            | (138)        |
| Freescale Semic. | MCR908JK1E      | (ISP all-wire)          | (138)        |
| Freescale Semic. | MCR908JK1E      | [SOIC20]                | (119)        |
| Freescale Semic. | MCR908JK3E      |                         |              |
| Freescale Semic. | MCR908JK3E      | (ISP 5-wire)            | (138)        |
| Freescale Semic. | MCR908JK3E      | (ISP all-wire)          | (138)        |
| Freescale Semic. | MCR908JK3E      | [SOIC20]                | (119)        |
| Freescale Semic. | MH68HC912BL16   | [QFP64]                 | (2716)       |
| Freescale Semic. | MK02FN128xxx10  | [LQFP48]                | (2921)       |
| Freescale Semic. | MK02FN128xxx10  | [LQFP64]                | (2901)       |
| Freescale Semic. | MK02FN128xxx10  | [QFN32]                 | (2919)       |
| Freescale Semic. | MK02FN64xxx10   | [LQFP48]                | (2921)       |
| Freescale Semic. | MK02FN64xxx10   | [LQFP64]                | (2901)       |
| Freescale Semic. | MK02FN64xxx10   | [QFN32]                 | (2919)       |
| Freescale Semic. | MK10DN128       | [LQFP48]                | (2921)       |
| Freescale Semic. | MK10DN128       | [QFN32]                 | (2919)       |
| Freescale Semic. | MK10DN128       | [QFN48]                 | (2920)       |
| Freescale Semic. | MK10DN128xxx5   | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DN128xxx5   | [LQFP64]                | (2901)       |
| Freescale Semic. | MK10DN128xxx5   | [MAPBGA64]              | (3107)       |
| Freescale Semic. | MK10DN32        | [LQFP48]                | (2921)       |
| Freescale Semic. | MK10DN32        | [QFN32]                 | (2919)       |
| Freescale Semic. | MK10DN32        | [QFN48]                 | (2920)       |
| Freescale Semic. | MK10DN32xxx5    | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DN32xxx5    | [LQFP64]                | (2901)       |
| Freescale Semic. | MK10DN32xxx5    | [MAPBGA64]              | (3107)       |
| Freescale Semic. | MK10DN512       | [LQFP144]               | (2803)       |
| Freescale Semic. | MK10DN512xxx10  | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DN512xxx10  | [LQFP100]               | (2878)       |
| Freescale Semic. | MK10DN512xxx10  | [LQFP144]               | (2803)       |
| Freescale Semic. | MK10DN512xxx10  | [LQFP80]                | (2902)       |
| Freescale Semic. | MK10DN512xxx10  | [MAPBGA121]             | (3111)       |
| Freescale Semic. | MK10DN512xxx10  | [MAPBGA144]             | (2947)       |
| Freescale Semic. | MK10DN512Zxxx10 | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DN512Zxxx10 | [LQFP144]               | (2803)       |
| Freescale Semic. | MK10DN512Zxxx10 | [LQFP80]                | (2902)       |
| Freescale Semic. | MK10DN512Zxxx10 | [MAPBGA121]             | (3111)       |
| Freescale Semic. | MK10DN512Zxxx10 | [MAPBGA144]             | (2947)       |
| Freescale Semic. | MK10DN64        | [LQFP48]                | (2921)       |
| Freescale Semic. | MK10DN64        | [QFN32]                 | (2919)       |
| Freescale Semic. | MK10DN64        | [QFN48]                 | (2920)       |
| Freescale Semic. | MK10DN64xxx5    | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DN64xxx5    | [LQFP64]                | (2901)       |
| Freescale Semic. | MK10DN64xxx5    | [MAPBGA64]              | (3107)       |
| Freescale Semic. | MK10DX128       | [LQFP48]                | (2921)       |
| Freescale Semic. | MK10DX128       | [QFN32]                 | (2919)       |
| Freescale Semic. | MK10DX128       | [QFN48]                 | (2920)       |
| Freescale Semic. | MK10DX128xxx10  | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DX128xxx10  | [LQFP144]               | (2803)       |
| Freescale Semic. | MK10DX128xxx10  | [MAPBGA144]             | (2947)       |
| Freescale Semic. | MK10DX128xxx5   | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DX128xxx5   | [LQFP48]                | (2921)       |
| Freescale Semic. | MK10DX128xxx5   | [LQFP64]                | (2901)       |
| Freescale Semic. | MK10DX128xxx5   | [MAPBGA64]              | (3107)       |
| Freescale Semic. | MK10DX128xxx7   | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DX128xxx7   | [LQFP100]               | (2878)       |
| Freescale Semic. | MK10DX128xxx7   | [LQFP64]                | (2901)       |
| Freescale Semic. | MK10DX128xxx7   | [LQFP80]                | (2902)       |
| Freescale Semic. | MK10DX128xxx7   | [MAPBGA121]             | (3111)       |
| Freescale Semic. | MK10DX256       | [LQFP144]               | (2803)       |
| Freescale Semic. | MK10DX256xxx10  | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DX256xxx10  | [LQFP144]               | (2803)       |
| Freescale Semic. | MK10DX256xxx10  | [MAPBGA144]             | (2947)       |
| Freescale Semic. | MK10DX256xxx7   | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DX256xxx7   | (ISP-SWD)               | (138) (9997) |
| Freescale Semic. | MK10DX256xxx7   | [LQFP100]               | (2878)       |
| Freescale Semic. | MK10DX256xxx7   | [LQFP64]                | (2901)       |
| Freescale Semic. | MK10DX256xxx7   | [LQFP80]                | (2902)       |
| Freescale Semic. | MK10DX256xxx7   | [LQFP80] (SWD)          | (2902)       |
| Freescale Semic. | MK10DX256xxx7   | [MAPBGA121]             | (3111)       |
| Freescale Semic. | MK10DX256Zxxx10 | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DX256Zxxx10 | [LQFP144]               | (2803)       |
| Freescale Semic. | MK10DX256Zxxx10 | [MAPBGA144]             | (2947)       |
| Freescale Semic. | MK10DX32        | [QFN32]                 | (2919)       |
| Freescale Semic. | MK10DX32        | [QFN48]                 | (2920)       |
| Freescale Semic. | MK10DX32xxx5    | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DX32xxx5    | [LQFP48]                | (2921)       |
| Freescale Semic. | MK10DX32xxx5    | [LQFP64]                | (2901)       |
| Freescale Semic. | MK10DX32xxx5    | [MAPBGA64]              | (3107)       |
| Freescale Semic. | MK10DX64        | [QFN32]                 | (2919)       |
| Freescale Semic. | MK10DX64        | [QFN48]                 | (2920)       |
| Freescale Semic. | MK10DX64xxx5    | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DX64xxx5    | [LQFP48]                | (2921)       |
| Freescale Semic. | MK10DX64xxx5    | [LQFP64]                | (2901)       |
| Freescale Semic. | MK10DX64xxx5    | [MAPBGA64]              | (3107)       |
| Freescale Semic. | MK10DX64xxx7    | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10DX64xxx7    | [LQFP64]                | (2901)       |
| Freescale Semic. | MK10DX64xxx7    | [LQFP80]                | (2902)       |
| Freescale Semic. | MK10DX64xxx7    | [MAPBGA121]             | (3111)       |
| Freescale Semic. | MK10FN1M0       | [LQFP144]               | (2803)       |
| Freescale Semic. | MK10FN1M0xxx12  | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10FN1M0xxx12  | [LQFP144]               | (2803)       |
| Freescale Semic. | MK10FN1M0xxx12  | [MAPBGA144]             | (2947)       |
| Freescale Semic. | MK10FX512xxx12  | (ISP-EZP)               | (138) (9997) |
| Freescale Semic. | MK10FX512xxx12  | [LQFP144]               | (2803)       |

|                  |                 |                |              |
|------------------|-----------------|----------------|--------------|
| Freescale Semic. | MK10FX512xxx12  | [MAPBGA144]    | (2947)       |
| Freescale Semic. | MK11DN512Axxx5  | [LQFP80]       | (2902)       |
| Freescale Semic. | MK11DN512Axxx5  | [MAPBGA121]    | (3210)       |
| Freescale Semic. | MK11DN512xxx5   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK11DN512xxx5   | [LQFP80]       | (2902)       |
| Freescale Semic. | MK11DN512xxx5   | [MAPBGA121]    | (3210)       |
| Freescale Semic. | MK11DX128xxx5   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK11DX128xxx5   | [LQFP80]       | (2902)       |
| Freescale Semic. | MK11DX128xxx5   | [MAPBGA121]    | (3210)       |
| Freescale Semic. | MK11DX256Axxx5  | [LQFP80]       | (2902)       |
| Freescale Semic. | MK11DX256Axxx5  | [MAPBGA121]    | (3210)       |
| Freescale Semic. | MK11DX256xxx5   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK11DX256xxx5   | [LQFP80]       | (2902)       |
| Freescale Semic. | MK11DX256xxx5   | [MAPBGA121]    | (3210)       |
| Freescale Semic. | MK12DN512xxx5   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK12DN512xxx5   | [LQFP64]       | (2901)       |
| Freescale Semic. | MK12DN512xxx5   | [LQFP80]       | (2902)       |
| Freescale Semic. | MK12DN512xxx5   | [MAPBGA121]    | (3210)       |
| Freescale Semic. | MK12DX128xxx5   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK12DX128xxx5   | [LQFP48]       | (2921)       |
| Freescale Semic. | MK12DX128xxx5   | [LQFP64]       | (2901)       |
| Freescale Semic. | MK12DX128xxx5   | [LQFP80]       | (2902)       |
| Freescale Semic. | MK12DX128xxx5   | [MAPBGA121]    | (3210)       |
| Freescale Semic. | MK12DX256xxx5   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK12DX256xxx5   | [LQFP48]       | (2921)       |
| Freescale Semic. | MK12DX256xxx5   | [LQFP64]       | (2901)       |
| Freescale Semic. | MK12DX256xxx5   | [LQFP80]       | (2902)       |
| Freescale Semic. | MK12DX256xxx5   | [MAPBGA121]    | (3210)       |
| Freescale Semic. | MK20DN128       | [LQFP48]       | (2921)       |
| Freescale Semic. | MK20DN128       | [LQFP64]       | (2901)       |
| Freescale Semic. | MK20DN128       | [QFN32]        | (2919)       |
| Freescale Semic. | MK20DN128       | [QFN48]        | (2920)       |
| Freescale Semic. | MK20DN128xxx5   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK20DN128xxx5   | [LQFP64]       | (2901)       |
| Freescale Semic. | MK20DN128xxx5   | [MAPBGA64]     | (3107)       |
| Freescale Semic. | MK20DN32        | [LQFP48]       | (2921)       |
| Freescale Semic. | MK20DN32        | [QFN32]        | (2919)       |
| Freescale Semic. | MK20DN32        | [QFN48]        | (2920)       |
| Freescale Semic. | MK20DN32xxx5    | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK20DN32xxx5    | [LQFP64]       | (2901)       |
| Freescale Semic. | MK20DN32xxx5    | [MAPBGA64]     | (3107)       |
| Freescale Semic. | MK20DN512       | [LQFP144]      | (2803)       |
| Freescale Semic. | MK20DN512xxx10  | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK20DN512xxx10  | [LQFP100]      | (2878)       |
| Freescale Semic. | MK20DN512xxx10  | [LQFP144]      | (2803)       |
| Freescale Semic. | MK20DN512xxx10  | [LQFP80]       | (2902)       |
| Freescale Semic. | MK20DN512xxx10  | [MAPBGA121]    | (3111)       |
| Freescale Semic. | MK20DN512xxx10  | [MAPBGA144]    | (2947)       |
| Freescale Semic. | MK20DN512Zxxx10 | [LQFP100]      | (2878)       |
| Freescale Semic. | MK20DN512Zxxx10 | [LQFP144]      | (2803)       |
| Freescale Semic. | MK20DN512Zxxx10 | [LQFP80]       | (2902)       |
| Freescale Semic. | MK20DN512Zxxx10 | [MAPBGA121]    | (3111)       |
| Freescale Semic. | MK20DN512Zxxx10 | [MAPBGA144]    | (2947)       |
| Freescale Semic. | MK20DN64        | [LQFP48]       | (2921)       |
| Freescale Semic. | MK20DN64        | [QFN32]        | (2919)       |
| Freescale Semic. | MK20DN64        | [QFN48]        | (2920)       |
| Freescale Semic. | MK20DN64xxx5    | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK20DN64xxx5    | [LQFP64]       | (2901)       |
| Freescale Semic. | MK20DN64xxx5    | [MAPBGA64]     | (3107)       |
| Freescale Semic. | MK20DX128       | [LQFP100]      | (2878)       |
| Freescale Semic. | MK20DX128       | [LQFP48]       | (2921)       |
| Freescale Semic. | MK20DX128       | [LQFP64]       | (2901)       |
| Freescale Semic. | MK20DX128       | [QFN32]        | (2919)       |
| Freescale Semic. | MK20DX128       | [QFN48]        | (2920)       |
| Freescale Semic. | MK20DX128xxx10  | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK20DX128xxx10  | [LQFP144]      | (2803)       |
| Freescale Semic. | MK20DX128xxx5   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK20DX128xxx5   | [LQFP64]       | (2901)       |
| Freescale Semic. | MK20DX128xxx5   | [MAPBGA64]     | (3107)       |
| Freescale Semic. | MK20DX128xxx7   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK20DX128xxx7   | [LQFP100]      | (2878)       |
| Freescale Semic. | MK20DX128xxx7   | [LQFP64]       | (2901)       |
| Freescale Semic. | MK20DX128xxx7   | [LQFP80]       | (2902)       |
| Freescale Semic. | MK20DX128Zxxx10 | [LQFP144]      | (2803)       |
| Freescale Semic. | MK20DX256       | [LQFP144]      | (2803)       |
| Freescale Semic. | MK20DX256       | [LQFP80]       | (2902)       |
| Freescale Semic. | MK20DX256xxx10  | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK20DX256xxx10  | [LQFP100]      | (2878)       |
| Freescale Semic. | MK20DX256xxx10  | [LQFP144]      | (2803)       |
| Freescale Semic. | MK20DX256xxx10  | [LQFP80]       | (2902)       |
| Freescale Semic. | MK20DX256xxx10  | [MAPBGA144]    | (2947)       |
| Freescale Semic. | MK20DX256xxx7   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK20DX256xxx7   | (ISP-SWD)      | (138) (9997) |
| Freescale Semic. | MK20DX256xxx7   | [LQFP100]      | (2878)       |
| Freescale Semic. | MK20DX256xxx7   | [LQFP64]       | (2901)       |
| Freescale Semic. | MK20DX256xxx7   | [LQFP80]       | (2902)       |
| Freescale Semic. | MK20DX256xxx7   | [LQFP80] (SWD) | (2902)       |
| Freescale Semic. | MK20DX256Zxxx10 | [LQFP100]      | (2878)       |
| Freescale Semic. | MK20DX256Zxxx10 | [LQFP144]      | (2803)       |
| Freescale Semic. | MK20DX256Zxxx10 | [LQFP80]       | (2902)       |
| Freescale Semic. | MK20DX32        | [QFN32]        | (2919)       |
| Freescale Semic. | MK20DX32xxx5    | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK20DX32xxx5    | [LQFP64]       | (2901)       |
| Freescale Semic. | MK20DX64        | [QFN32]        | (2919)       |
| Freescale Semic. | MK20DX64xxx5    | [LQFP64]       | (2901)       |
| Freescale Semic. | MK20DX64xxx7    | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK20DX64xxx7    | [LQFP64]       | (2901)       |
| Freescale Semic. | MK20DX64xxx7    | [LQFP80]       | (2902)       |
| Freescale Semic. | MK20FN1M0       | [LQFP144]      | (2803)       |
| Freescale Semic. | MK20FN1M0xxx12  | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK20FN1M0xxx12  | [LQFP144]      | (2803)       |
| Freescale Semic. | MK20FN1M0xxx12  | [MAPBGA144]    | (2947)       |
| Freescale Semic. | MK20FX512xxx12  | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK20FX512xxx12  | [LQFP144]      | (2803)       |
| Freescale Semic. | MK21DN512Axxx5  | [LQFP80]       | (2902)       |
| Freescale Semic. | MK21DN512Axxx5  | [MAPBGA121]    | (3210)       |
| Freescale Semic. | MK21DN512xxx5   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK21DN512xxx5   | [LQFP80]       | (2902)       |
| Freescale Semic. | MK21DN512xxx5   | [MAPBGA121]    | (3210)       |
| Freescale Semic. | MK21DX128xxx5   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK21DX256Axxx5  | [LQFP80]       | (2902)       |
| Freescale Semic. | MK21DX256Axxx5  | [MAPBGA121]    | (3210)       |
| Freescale Semic. | MK21DX256xxx5   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK21DX256xxx5   | [LQFP80]       | (2902)       |
| Freescale Semic. | MK21DX256xxx5   | [MAPBGA121]    | (3210)       |
| Freescale Semic. | MK21FN1M0Axxx12 | [LQFP144]      | (2803)       |
| Freescale Semic. | MK21FN1M0Axxx12 | [MAPBGA121]    | (3111)       |
| Freescale Semic. | MK21FN1M0Axxx12 | [MAPBGA144]    | (2947)       |
| Freescale Semic. | MK21FN1M0xxx12  | [LQFP144]      | (2803)       |
| Freescale Semic. | MK21FN1M0xxx12  | [MAPBGA121]    | (3111)       |
| Freescale Semic. | MK21FN1M0xxx12  | [MAPBGA144]    | (2947)       |
| Freescale Semic. | MK21FX512Axxx12 | [LQFP144]      | (2803)       |
| Freescale Semic. | MK21FX512Axxx12 | [MAPBGA121]    | (3111)       |
| Freescale Semic. | MK21FX512xxx12  | [LQFP144]      | (2803)       |
| Freescale Semic. | MK21FX512xxx12  | [MAPBGA121]    | (3111)       |
| Freescale Semic. | MK22DN512xxx5   | (ISP-EZP)      | (138) (9997) |
| Freescale Semic. | MK22DN512xxx5   | [LQFP64]       | (2901)       |
| Freescale Semic. | MK22DN512xxx5   | [LQFP80]       | (2902)       |

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| Freescale Semic. | MK22DN512xxx5   | [MAPBGA121]     | (3210)       |
| Freescale Semic. | MK22DX128xxx5   | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK22DX128xxx5   | [LQFP48]        | (2921)       |
| Freescale Semic. | MK22DX128xxx5   | [LQFP64]        | (2901)       |
| Freescale Semic. | MK22DX256xxx5   | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK22DX256xxx5   | [LQFP48]        | (2921)       |
| Freescale Semic. | MK22DX256xxx5   | [MAPBGA121]     | (3210)       |
| Freescale Semic. | MK22FN128xxx10  | [LQFP100]       | (2878)       |
| Freescale Semic. | MK22FN128xxx10  | [LQFP64]        | (2901)       |
| Freescale Semic. | MK22FN128xxx10  | [MAPBGA64]      | (3107)       |
| Freescale Semic. | MK22FN128xxx10  | [XFBGA121]      | (3240)       |
| Freescale Semic. | MK22FN1M0Axxx12 | (ISP-SWD)       | (138) (9997) |
| Freescale Semic. | MK22FN1M0Axxx12 | [LQFP100]       | (2878)       |
| Freescale Semic. | MK22FN1M0Axxx12 | [LQFP144]       | (2803)       |
| Freescale Semic. | MK22FN1M0Axxx12 | [LQFP144] (SWD) | (2803)       |
| Freescale Semic. | MK22FN1M0Axxx12 | [MAPBGA121]     | (3111)       |
| Freescale Semic. | MK22FN1M0xxx12  | (ISP-SWD)       | (138) (9997) |
| Freescale Semic. | MK22FN1M0xxx12  | [LQFP100]       | (2878)       |
| Freescale Semic. | MK22FN1M0xxx12  | [LQFP144]       | (2803)       |
| Freescale Semic. | MK22FN1M0xxx12  | [LQFP144] (SWD) | (2803)       |
| Freescale Semic. | MK22FN1M0xxx12  | [LQFP64]        | (2901)       |
| Freescale Semic. | MK22FN1M0xxx12  | [LQFP80]        | (2902)       |
| Freescale Semic. | MK22FN1M0xxx12  | [MAPBGA121]     | (3111)       |
| Freescale Semic. | MK22FN1M0xxx12  | [MAPBGA144]     | (2947)       |
| Freescale Semic. | MK22FN256xxx12  | [LQFP100]       | (2878)       |
| Freescale Semic. | MK22FN256xxx12  | [LQFP64]        | (2901)       |
| Freescale Semic. | MK22FN256xxx12  | [MAPBGA64]      | (3107)       |
| Freescale Semic. | MK22FN256xxx12  | [XFBGA121]      | (3240)       |
| Freescale Semic. | MK22FN512xxx12  | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK22FN512xxx12  | [LQFP100]       | (2878)       |
| Freescale Semic. | MK22FN512xxx12  | [LQFP64]        | (2901)       |
| Freescale Semic. | MK22FN512xxx12  | [MAPBGA64]      | (3107)       |
| Freescale Semic. | MK22FN512xxx12  | [XFBGA121]      | (3240)       |
| Freescale Semic. | MK22FX512AxMC12 | [LFBGA121]      | (3111)       |
| Freescale Semic. | MK22FX512Axxx12 | [LQFP100]       | (2878)       |
| Freescale Semic. | MK22FX512Axxx12 | [LQFP80]        | (2902)       |
| Freescale Semic. | MK22FX512xxx12  | [LQFP100]       | (2878)       |
| Freescale Semic. | MK22FX512xxx12  | [LQFP80]        | (2902)       |
| Freescale Semic. | MK22FX512xxx12  | [MAPBGA121]     | (3111)       |
| Freescale Semic. | MK22FX512xxx12  | [MAPBGA144]     | (2947)       |
| Freescale Semic. | MK24FN1M0xxx12  | [LQFP100]       | (2878)       |
| Freescale Semic. | MK24FN1M0xxx12  | [LQFP144]       | (2803)       |
| Freescale Semic. | MK24FN1M0xxx12  | [XFBGA121]      | (3240)       |
| Freescale Semic. | MK24FN256xxx12  | [XFBGA121]      | (3240)       |
| Freescale Semic. | MK26FN2M0xxx18  | [LQFP144]       | (2803)       |
| Freescale Semic. | MK26FN2M0xxx18  | [MAPBGA144]     | (2947)       |
| Freescale Semic. | MK26FN2M0xxx18  | [MAPBGA169]     | (4058)       |
| Freescale Semic. | MK30DN512       | [LQFP144]       | (2803)       |
| Freescale Semic. | MK30DN512xxx10  | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK30DN512xxx10  | [LQFP100]       | (2878)       |
| Freescale Semic. | MK30DN512xxx10  | [LQFP144]       | (2803)       |
| Freescale Semic. | MK30DN512xxx10  | [LQFP80]        | (2902)       |
| Freescale Semic. | MK30DN512Zxxx10 | [LQFP144]       | (2803)       |
| Freescale Semic. | MK30DN512Zxxx10 | [LQFP80]        | (2902)       |
| Freescale Semic. | MK30DX128xxx10  | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK30DX128xxx10  | [LQFP144]       | (2803)       |
| Freescale Semic. | MK30DX128xxx7   | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK30DX128xxx7   | [LQFP100]       | (2878)       |
| Freescale Semic. | MK30DX128xxx7   | [LQFP64]        | (2901)       |
| Freescale Semic. | MK30DX128xxx7   | [LQFP80]        | (2902)       |
| Freescale Semic. | MK30DX256       | [LQFP144]       | (2803)       |
| Freescale Semic. | MK30DX256xxx10  | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK30DX256xxx10  | [LQFP144]       | (2803)       |
| Freescale Semic. | MK30DX256xxx7   | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK30DX256xxx7   | (ISP-SWD)       | (138) (9997) |
| Freescale Semic. | MK30DX256xxx7   | [LQFP100]       | (2878)       |
| Freescale Semic. | MK30DX256xxx7   | [LQFP64]        | (2901)       |
| Freescale Semic. | MK30DX256xxx7   | [LQFP80]        | (2902)       |
| Freescale Semic. | MK30DX256xxx7   | [LQFP80] (SWD)  | (2902)       |
| Freescale Semic. | MK30DX256xxx7   | [MAPBGA121]     | (3111)       |
| Freescale Semic. | MK30DX256Zxxx10 | [LQFP144]       | (2803)       |
| Freescale Semic. | MK30DX64xxx7    | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK30DX64xxx7    | [LQFP64]        | (2901)       |
| Freescale Semic. | MK30DX64xxx7    | [LQFP80]        | (2902)       |
| Freescale Semic. | MK40DN512       | [LQFP144]       | (2803)       |
| Freescale Semic. | MK40DN512xxx10  | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK40DN512xxx10  | [LQFP100]       | (2878)       |
| Freescale Semic. | MK40DN512xxx10  | [LQFP144]       | (2803)       |
| Freescale Semic. | MK40DN512xxx10  | [LQFP80]        | (2902)       |
| Freescale Semic. | MK40DN512xxx10  | [MAPBGA144]     | (2947)       |
| Freescale Semic. | MK40DN512Zxxx10 | [LQFP144]       | (2803)       |
| Freescale Semic. | MK40DN512Zxxx10 | [MAPBGA144]     | (2947)       |
| Freescale Semic. | MK40DX128xxx10  | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK40DX128xxx10  | [LQFP144]       | (2803)       |
| Freescale Semic. | MK40DX128xxx7   | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK40DX128xxx7   | [LQFP100]       | (2878)       |
| Freescale Semic. | MK40DX128xxx7   | [LQFP64]        | (2901)       |
| Freescale Semic. | MK40DX128xxx7   | [LQFP80]        | (2902)       |
| Freescale Semic. | MK40DX128Zxxx10 | [LQFP144]       | (2803)       |
| Freescale Semic. | MK40DX256       | [LQFP144]       | (2803)       |
| Freescale Semic. | MK40DX256xxx10  | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK40DX256xxx10  | [LQFP144]       | (2803)       |
| Freescale Semic. | MK40DX256xxx10  | [MAPBGA144]     | (2947)       |
| Freescale Semic. | MK40DX256xxx7   | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK40DX256xxx7   | (ISP-SWD)       | (138) (9997) |
| Freescale Semic. | MK40DX256xxx7   | [LQFP100]       | (2878)       |
| Freescale Semic. | MK40DX256xxx7   | [LQFP64]        | (2901)       |
| Freescale Semic. | MK40DX256xxx7   | [LQFP80]        | (2902)       |
| Freescale Semic. | MK40DX256xxx7   | [LQFP80] (SWD)  | (2902)       |
| Freescale Semic. | MK40DX256xxx7   | [MAPBGA121]     | (3111)       |
| Freescale Semic. | MK40DX256Zxxx10 | [LQFP144]       | (2803)       |
| Freescale Semic. | MK40DX256Zxxx10 | [MAPBGA144]     | (2947)       |
| Freescale Semic. | MK40DX64xxx7    | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK40DX64xxx7    | [LQFP80]        | (2902)       |
| Freescale Semic. | MK50DN512       | [LQFP144]       | (2803)       |
| Freescale Semic. | MK50DN512xxx10  | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK50DN512xxx10  | [MAPBGA121]     | (3111)       |
| Freescale Semic. | MK50DX256xxx10  | [LQFP100]       | (3162)       |
| Freescale Semic. | MK50DX256xxx10  | [MAPBGA121]     | (3111)       |
| Freescale Semic. | MK50DX256Zxxx10 | [LQFP100]       | (3162)       |
| Freescale Semic. | MK51DN256       | [LQFP144]       | (2803)       |
| Freescale Semic. | MK51DN512       | [LQFP144]       | (2803)       |
| Freescale Semic. | MK52DN512       | [LQFP144]       | (2803)       |
| Freescale Semic. | MK52DN512xxx10  | [MAPBGA144]     | (2947)       |
| Freescale Semic. | MK52DN512Zxxx10 | [MAPBGA144]     | (2947)       |
| Freescale Semic. | MK53DN512       | [LQFP144]       | (2803)       |
| Freescale Semic. | MK53DX256       | [LQFP144]       | (2803)       |
| Freescale Semic. | MK60DN256       | [LQFP144]       | (2803)       |
| Freescale Semic. | MK60DN256Zxxx10 | [LQFP100]       | (2878)       |
| Freescale Semic. | MK60DN512       | (ISP-EZP)       | (138) (9997) |
| Freescale Semic. | MK60DN512       | [LQFP144]       | (2803)       |
| Freescale Semic. | MK60DN512       | [MAPBGA144]     | (2947)       |
| Freescale Semic. | MK60DN512xxx10  | [LQFP100]       | (2878)       |
| Freescale Semic. | MK60DN512xxx10  | [LQFP144]       | (2803)       |
| Freescale Semic. | MK60DN512xxx10  | [MAPBGA121]     | (3111)       |
| Freescale Semic. | MK60DN512Zxxx10 | [LQFP100]       | (2878)       |
| Freescale Semic. | MK60DN512Zxxx10 | [LQFP144]       | (2803)       |
| Freescale Semic. | MK60DN512Zxxx10 | [MAPBGA121]     | (3111)       |

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| Freescale Semic. | MK60DN512Zxxx100 [LQFP144]  | (2803)       |
| Freescale Semic. | MK60DX256 (ISP-EZP)         | (138) (9997) |
| Freescale Semic. | MK60DX256 [LQFP144]         | (2803)       |
| Freescale Semic. | MK60DX256xxx10 [LQFP144]    | (2803)       |
| Freescale Semic. | MK60DX256xxx10 [MAPBGA121]  | (3111)       |
| Freescale Semic. | MK60DX256xxx10 [MAPBGA144]  | (2947)       |
| Freescale Semic. | MK60DX256Zxxx10 [MAPBGA144] | (2947)       |
| Freescale Semic. | MK60FN1M0 (ISP-EZP)         | (138) (9997) |
| Freescale Semic. | MK60FN1M0 [LQFP144]         | (2803)       |
| Freescale Semic. | MK60FX512xxx12 (ISP-EZP)    | (138) (9997) |
| Freescale Semic. | MK60FX512xxx12 [LQFP144]    | (2803)       |
| Freescale Semic. | MK60FX512xxx12 [MAPBGA144]  | (2947)       |
| Freescale Semic. | MK60FX512xxx15 (ISP-EZP)    | (138) (9997) |
| Freescale Semic. | MK60FX512xxx15 [LQFP144]    | (2803)       |
| Freescale Semic. | MK60FX512xxx15 [MAPBGA144]  | (2947)       |
| Freescale Semic. | MK61FN1M0xxx12 [MAPBGA144]  | (2947)       |
| Freescale Semic. | MK61FN1M0xxx12 [MAPBGA256]  | (2948)       |
| Freescale Semic. | MK61FN1M0xxx15 [MAPBGA144]  | (2947)       |
| Freescale Semic. | MK61FN1M0xxx15 [MAPBGA256]  | (2948)       |
| Freescale Semic. | MK61FX512xxx12 [MAPBGA256]  | (2948)       |
| Freescale Semic. | MK61FX512xxx15 [MAPBGA256]  | (2948)       |
| Freescale Semic. | MK64FN1M0xxx12 [LQFP100]    | (2878)       |
| Freescale Semic. | MK64FN1M0xxx12 [LQFP144]    | (2803)       |
| Freescale Semic. | MK64FN1M0xxx12 [MAPBGA144]  | (2947)       |
| Freescale Semic. | MK64FN1M0xxx12 [XFBGA121]   | (3240)       |
| Freescale Semic. | MK64FX512xxx12 [LQFP100]    | (2878)       |
| Freescale Semic. | MK64FX512xxx12 [LQFP144]    | (2803)       |
| Freescale Semic. | MK64FX512xxx12 [MAPBGA144]  | (2947)       |
| Freescale Semic. | MK64FX512xxx12 [XFBGA121]   | (3240)       |
| Freescale Semic. | MK65FN2M0xxx18 [MAPBGA169]  | (4058)       |
| Freescale Semic. | MK65FX1M0xxx18 [MAPBGA169]  | (4058)       |
| Freescale Semic. | MK66FN2M0xxx18 [LQFP144]    | (2803)       |
| Freescale Semic. | MK66FN2M0xxx18 [MAPBGA144]  | (2947)       |
| Freescale Semic. | MK66FX1M0xxx18 [LQFP144]    | (2803)       |
| Freescale Semic. | MK66FX1M0xxx18 [MAPBGA144]  | (2947)       |
| Freescale Semic. | MK70FN1M0 [MAPBGA256]       | (2948)       |
| Freescale Semic. | MK70FN1M0xxx12 (ISP-EZP)    | (138) (9997) |
| Freescale Semic. | MK70FN1M0xxx12 [MAPBGA256]  | (2948)       |
| Freescale Semic. | MK70FN1M0xxx15 (ISP-EZP)    | (138) (9997) |
| Freescale Semic. | MK70FN1M0xxx15 [MAPBGA256]  | (2948)       |
| Freescale Semic. | MK70FX512xxx12 (ISP-EZP)    | (138) (9997) |
| Freescale Semic. | MK70FX512xxx12 [MAPBGA256]  | (2948)       |
| Freescale Semic. | MK70FX512xxx15 (ISP-EZP)    | (138) (9997) |
| Freescale Semic. | MK70FX512xxx15 [MAPBGA256]  | (2948)       |
| Freescale Semic. | MKE02Z16xxx2 [LQFP32]       | (3124)       |
| Freescale Semic. | MKE02Z16xxx2 [LQFP44]       | (3208)       |
| Freescale Semic. | MKE02Z16xxx4 [LQFP32]       | (3124)       |
| Freescale Semic. | MKE02Z16xxx4 [QFN32]        | (4161)       |
| Freescale Semic. | MKE02Z32xxx2 [LQFP32]       | (3124)       |
| Freescale Semic. | MKE02Z32xxx2 [LQFP44]       | (3208)       |
| Freescale Semic. | MKE02Z32xxx4 [LQFP32]       | (3124)       |
| Freescale Semic. | MKE02Z32xxx4 [QFN32]        | (4161)       |
| Freescale Semic. | MKE02Z64xxx2 [LQFP32]       | (3124)       |
| Freescale Semic. | MKE02Z64xxx2 [LQFP44]       | (3208)       |
| Freescale Semic. | MKE02Z64xxx2 [LQFP64]       | (3212)       |
| Freescale Semic. | MKE02Z64xxx4 (ISP-SWD)      | (138) (9997) |
| Freescale Semic. | MKE02Z64xxx4 [LQFP32]       | (3124)       |
| Freescale Semic. | MKE02Z64xxx4 [LQFP44]       | (3208)       |
| Freescale Semic. | MKE02Z64xxx4 [LQFP64]       | (3212)       |
| Freescale Semic. | MKE02Z64xxx4 [QFN32]        | (4161)       |
| Freescale Semic. | MKE02Z64xxx4 [QFP64]        | (3213)       |
| Freescale Semic. | MKE04Z128xxx4 (ISP-SWD)     | (138) (9997) |
| Freescale Semic. | MKE04Z128xxx4 [LQFP44]      | (3208)       |
| Freescale Semic. | MKE04Z128xxx4 [LQFP64]      | (3212)       |
| Freescale Semic. | MKE04Z128xxx4 [LQFP80]      | (3823)       |
| Freescale Semic. | MKE04Z64xxx4 [LQFP44]       | (3208)       |
| Freescale Semic. | MKE04Z64xxx4 [LQFP80]       | (3823)       |
| Freescale Semic. | MKE04Z8xxx4 [QFN24]         | (3306)       |
| Freescale Semic. | MKE04Z8xxx4 [SOIC20]        | (3772)       |
| Freescale Semic. | MKE04Z8xxx4 [TSSOP16]       | (3438)       |
| Freescale Semic. | MKE06Z128xxx4 [LQFP44]      | (3208)       |
| Freescale Semic. | MKE06Z128xxx4 [LQFP64]      | (3212)       |
| Freescale Semic. | MKE06Z128xxx4 [LQFP80]      | (3823)       |
| Freescale Semic. | MKE06Z128xxx4 [QFP64]       | (3213)       |
| Freescale Semic. | MKE06Z64xxx4 [LQFP44]       | (3208)       |
| Freescale Semic. | MKE06Z64xxx4 [LQFP64]       | (3212)       |
| Freescale Semic. | MKE14F512xxx16 [LQFP100]    | (4516)       |
| Freescale Semic. | MKE14F512xxx16 [LQFP64]     | (3212)       |
| Freescale Semic. | MKE18F512xxx16 [LQFP100]    | (4516)       |
| Freescale Semic. | MKL02Z16 [QFN16]            | (3287)       |
| Freescale Semic. | MKL02Z16 [QFN24]            | (3306)       |
| Freescale Semic. | MKL02Z16 [QFN32]            | (2919)       |
| Freescale Semic. | MKL02Z32 (ISP-SWD)          | (138) (9997) |
| Freescale Semic. | MKL02Z32 [QFN16]            | (3287)       |
| Freescale Semic. | MKL02Z32 [QFN24]            | (3306)       |
| Freescale Semic. | MKL02Z32 [QFN32]            | (2919)       |
| Freescale Semic. | MKL02Z32 [WLCS20]           | (3204)       |
| Freescale Semic. | MKL02Z8 [QFN16]             | (3287)       |
| Freescale Semic. | MKL02Z8 [QFN24]             | (3306)       |
| Freescale Semic. | MKL03Z16 [QFN16]            | (3287)       |
| Freescale Semic. | MKL03Z16 [QFN24]            | (3306)       |
| Freescale Semic. | MKL03Z32 [QFN16]            | (3287)       |
| Freescale Semic. | MKL03Z32 [QFN24]            | (3306)       |
| Freescale Semic. | MKL03Z32 [WLCS20]           | (4779)       |
| Freescale Semic. | MKL03Z8 [QFN16]             | (3287)       |
| Freescale Semic. | MKL03Z8 [QFN24]             | (3306)       |
| Freescale Semic. | MKL04Z16 [LQFP32]           | (3124)       |
| Freescale Semic. | MKL04Z16 [LQFP48]           | (3333)       |
| Freescale Semic. | MKL04Z16 [QFN24]            | (3306)       |
| Freescale Semic. | MKL04Z16 [QFN32]            | (2919)       |
| Freescale Semic. | MKL04Z32 [LQFP32]           | (3124)       |
| Freescale Semic. | MKL04Z32 [LQFP48]           | (3333)       |
| Freescale Semic. | MKL04Z32 [QFN24]            | (3306)       |
| Freescale Semic. | MKL04Z32 [QFN32]            | (2919)       |
| Freescale Semic. | MKL04Z8 [LQFP32]            | (3124)       |
| Freescale Semic. | MKL04Z8 [QFN24]             | (3306)       |
| Freescale Semic. | MKL04Z8 [QFN32]             | (2919)       |
| Freescale Semic. | MKL05Z16 [LQFP32]           | (3124)       |
| Freescale Semic. | MKL05Z16 [LQFP48]           | (3333)       |
| Freescale Semic. | MKL05Z16 [QFN24]            | (3306)       |
| Freescale Semic. | MKL05Z16 [QFN32]            | (2919)       |
| Freescale Semic. | MKL05Z32 (ISP-SWD)          | (138) (9997) |
| Freescale Semic. | MKL05Z32 [LQFP32]           | (3124)       |
| Freescale Semic. | MKL05Z32 [LQFP48]           | (3333)       |
| Freescale Semic. | MKL05Z32 [QFN24]            | (3306)       |
| Freescale Semic. | MKL05Z32 [QFN32]            | (2919)       |
| Freescale Semic. | MKL05Z8 [LQFP32]            | (3124)       |
| Freescale Semic. | MKL05Z8 [QFN24]             | (3306)       |
| Freescale Semic. | MKL05Z8 [QFN32]             | (2919)       |
| Freescale Semic. | MKL14Z32 [LQFP64]           | (2901)       |
| Freescale Semic. | MKL14Z32 [LQFP80]           | (2902)       |
| Freescale Semic. | MKL14Z32 [QFN32]            | (2919)       |
| Freescale Semic. | MKL14Z32 [QFN48]            | (2920)       |
| Freescale Semic. | MKL14Z64 [LQFP64]           | (2901)       |
| Freescale Semic. | MKL14Z64 [LQFP80]           | (2902)       |
| Freescale Semic. | MKL14Z64 [QFN32]            | (2919)       |
| Freescale Semic. | MKL14Z64 [QFN48]            | (2920)       |
| Freescale Semic. | MKL15Z128 (ISP-SWD)         | (138) (9997) |



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| Freescale Semic. | MKL152128       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL152128       | [LQFP80]    | (2902)       |
| Freescale Semic. | MKL152128       | [QFN32]     | (2919)       |
| Freescale Semic. | MKL152128       | [QFN48]     | (2920)       |
| Freescale Semic. | MKL15232        | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL15232        | [LQFP80]    | (2902)       |
| Freescale Semic. | MKL15232        | [QFN32]     | (2919)       |
| Freescale Semic. | MKL15264        | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL15264        | [LQFP80]    | (2902)       |
| Freescale Semic. | MKL15264        | [QFN32]     | (2919)       |
| Freescale Semic. | MKL162128       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL162128       | [QFN32]     | (2919)       |
| Freescale Semic. | MKL162128       | [QFN48]     | (2920)       |
| Freescale Semic. | MKL162256       | (ISP-SWD)   | (138) (9997) |
| Freescale Semic. | MKL162256       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL162256       | [MAPBGA64]  | (3209)       |
| Freescale Semic. | MKL16232        | [QFN32]     | (2919)       |
| Freescale Semic. | MKL16232        | [QFN48]     | (2920)       |
| Freescale Semic. | MKL16264        | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL16264        | [QFN32]     | (2919)       |
| Freescale Semic. | MKL16264        | [QFN48]     | (2920)       |
| Freescale Semic. | MKL172128       | (ISP-SWD)   | (138) (9997) |
| Freescale Semic. | MKL172128       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL172128       | [MAPBGA64]  | (3209)       |
| Freescale Semic. | MKL172128       | [QFN32]     | (3354)       |
| Freescale Semic. | MKL172128       | [QFN48]     | (2920)       |
| Freescale Semic. | MKL172256       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL172256       | [MAPBGA64]  | (3209)       |
| Freescale Semic. | MKL172256       | [QFN32]     | (3354)       |
| Freescale Semic. | MKL172256       | [QFN48]     | (2920)       |
| Freescale Semic. | MKL17232        | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL17232        | [QFN32]     | (3354)       |
| Freescale Semic. | MKL17264        | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL17264        | [QFN32]     | (3354)       |
| Freescale Semic. | MKL24232        | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL24232        | [LQFP80]    | (2902)       |
| Freescale Semic. | MKL24232        | [QFN32]     | (2919)       |
| Freescale Semic. | MKL24264        | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL24264        | [LQFP80]    | (2902)       |
| Freescale Semic. | MKL24264        | [QFN32]     | (2919)       |
| Freescale Semic. | MKL252128       | (ISP-SWD)   | (138) (9997) |
| Freescale Semic. | MKL252128       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL252128       | [LQFP80]    | (2902)       |
| Freescale Semic. | MKL252128       | [QFN32]     | (2919)       |
| Freescale Semic. | MKL252128       | [QFN48]     | (2920)       |
| Freescale Semic. | MKL25232        | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL25232        | [LQFP80]    | (2902)       |
| Freescale Semic. | MKL25232        | [QFN32]     | (2919)       |
| Freescale Semic. | MKL25264        | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL25264        | [LQFP80]    | (2902)       |
| Freescale Semic. | MKL25264        | [QFN32]     | (2919)       |
| Freescale Semic. | MKL262128       | (ISP-SWD)   | (138) (9997) |
| Freescale Semic. | MKL262128       | [LQFP100]   | (2878)       |
| Freescale Semic. | MKL262128       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL262128       | [LQFP80]    | (2902)       |
| Freescale Semic. | MKL262128       | [QFN32]     | (2919)       |
| Freescale Semic. | MKL262128       | [QFN48]     | (2920)       |
| Freescale Semic. | MKL262256       | [LQFP100]   | (2878)       |
| Freescale Semic. | MKL262256       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL262256       | [MAPBGA121] | (3111)       |
| Freescale Semic. | MKL262256       | [MAPBGA64]  | (3209)       |
| Freescale Semic. | MKL26232        | [QFN48]     | (2920)       |
| Freescale Semic. | MKL26264        | (ISP-SWD)   | (138) (9997) |
| Freescale Semic. | MKL26264        | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL26264        | [QFN48]     | (2920)       |
| Freescale Semic. | MKL272128       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL272128       | [MAPBGA64]  | (3209)       |
| Freescale Semic. | MKL272128       | [QFN48]     | (2920)       |
| Freescale Semic. | MKL272256       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL272256       | [MAPBGA64]  | (3209)       |
| Freescale Semic. | MKL272256       | [QFN32]     | (3354)       |
| Freescale Semic. | MKL272256       | [QFN48]     | (2920)       |
| Freescale Semic. | MKL27232        | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL27232        | [QFN32]     | (3354)       |
| Freescale Semic. | MKL27264        | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL27264        | [QFN32]     | (3354)       |
| Freescale Semic. | MKL332128       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL332128       | [MAPBGA64]  | (3209)       |
| Freescale Semic. | MKL332256       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL332256       | [MAPBGA64]  | (3209)       |
| Freescale Semic. | MKL33264        | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL33264        | [LQFP80]    | (2902)       |
| Freescale Semic. | MKL362128       | (ISP-SWD)   | (138) (9997) |
| Freescale Semic. | MKL362128       | [LQFP100]   | (2878)       |
| Freescale Semic. | MKL362256       | (ISP-SWD)   | (138) (9997) |
| Freescale Semic. | MKL362256       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL362256       | [MAPBGA64]  | (3209)       |
| Freescale Semic. | MKL36264        | (ISP-SWD)   | (138) (9997) |
| Freescale Semic. | MKL36264        | [LQFP100]   | (2878)       |
| Freescale Semic. | MKL432128       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL432256       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL462128       | [LQFP100]   | (2878)       |
| Freescale Semic. | MKL462128       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL462128       | [MAPBGA121] | (3111)       |
| Freescale Semic. | MKL462256       | [LQFP100]   | (2878)       |
| Freescale Semic. | MKL462256       | [LQFP64]    | (2901)       |
| Freescale Semic. | MKL462256       | [MAPBGA121] | (3111)       |
| Freescale Semic. | MKM332128Axxx5  | [LQFP100]   | (3188)       |
| Freescale Semic. | MKM332128Axxx5  | [LQFP64]    | (3771)       |
| Freescale Semic. | MKM332128xxx5   | [LQFP100]   | (3188)       |
| Freescale Semic. | MKM332128xxx5   | [LQFP64]    | (3771)       |
| Freescale Semic. | MKM33264Axxx5   | [LQFP100]   | (3188)       |
| Freescale Semic. | MKM33264Axxx5   | [LQFP64]    | (3771)       |
| Freescale Semic. | MKM33264xxx5    | [LQFP100]   | (3188)       |
| Freescale Semic. | MKM33264xxx5    | [LQFP64]    | (3771)       |
| Freescale Semic. | MKM342128Axxx5  | [LQFP100]   | (3188)       |
| Freescale Semic. | MKM342128xxx5   | (ISP-SWD)   | (138) (9997) |
| Freescale Semic. | MKM342128xxx5   | [LQFP100]   | (3188)       |
| Freescale Semic. | MKM342256xxx7   | [LQFP100]   | (3188)       |
| Freescale Semic. | MKS20FN128xxx12 | [LQFP100]   | (4682)       |
| Freescale Semic. | MKS20FN256xxx12 | [LQFP100]   | (4682)       |
| Freescale Semic. | MKS20FN256xxx12 | [QFN48]     | (4601)       |
| Freescale Semic. | MKS22FN128xxx12 | [LQFP100]   | (4682)       |
| Freescale Semic. | MKS22FN256xxx12 | [LQFP100]   | (4682)       |
| Freescale Semic. | MKS22FN256xxx12 | [QFN48]     | (4601)       |
| Freescale Semic. | MKV102128xxx7   | [LQFP48]    | (2921)       |
| Freescale Semic. | MKV102128xxx7   | [LQFP64]    | (2901)       |
| Freescale Semic. | MKV102128xxx7   | [QFN32]     | (2919)       |
| Freescale Semic. | MKV10216xxx7    | [LQFP32]    | (3493)       |
| Freescale Semic. | MKV10216xxx7    | [LQFP48]    | (2921)       |
| Freescale Semic. | MKV10216xxx7    | [QFN32]     | (2919)       |
| Freescale Semic. | MKV10232xxx7    | [LQFP32]    | (3493)       |
| Freescale Semic. | MKV10232xxx7    | [LQFP48]    | (2921)       |
| Freescale Semic. | MKV10232xxx7    | [QFN32]     | (2919)       |
| Freescale Semic. | MKV10264xxx7    | [LQFP48]    | (2921)       |
| Freescale Semic. | MKV10264xxx7    | [LQFP64]    | (2901)       |
| Freescale Semic. | MKV10264xxx7    | [QFN32]     | (2919)       |
| Freescale Semic. | MKV112128xxx7   | [LQFP48]    | (2921)       |

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| Freescale Semic. | MKV11Z128xxx7   | [LQFP64]        | (2901)       |
| Freescale Semic. | MKV11Z128xxx7   | [QFN32]         | (2919)       |
| Freescale Semic. | MKV11Z64xxx7    | [LQFP48]        | (2921)       |
| Freescale Semic. | MKV11Z64xxx7    | [LQFP64]        | (2901)       |
| Freescale Semic. | MKV11Z64xxx7    | [QFN32]         | (2919)       |
| Freescale Semic. | MKV30F128xxx10  | [LQFP64]        | (2901)       |
| Freescale Semic. | MKV30F128xxx10  | [QFN32]         | (2919)       |
| Freescale Semic. | MKV30F64xxx10   | [LQFP64]        | (2901)       |
| Freescale Semic. | MKV30F64xxx10   | [QFN32]         | (2919)       |
| Freescale Semic. | MKV31F128xxx10  | [LQFP100] (E2P) | (2878)       |
| Freescale Semic. | MKV31F128xxx10  | [LQFP100] (SWD) | (2878)       |
| Freescale Semic. | MKV31F128xxx10  | [LQFP64] (E2P)  | (2901)       |
| Freescale Semic. | MKV31F256xxx12  | [LQFP100] (E2P) | (2878)       |
| Freescale Semic. | MKV31F256xxx12  | [LQFP100] (SWD) | (2878)       |
| Freescale Semic. | MKV31F256xxx12  | [LQFP64] (E2P)  | (2901)       |
| Freescale Semic. | MKV31F256xxx12  | [LQFP64] (SWD)  | (2901)       |
| Freescale Semic. | MKV31F512xxx12  | [LQFP100] (E2P) | (2878)       |
| Freescale Semic. | MKV31F512xxx12  | [LQFP100] (SWD) | (2878)       |
| Freescale Semic. | MKV31F512xxx12  | [LQFP64] (E2P)  | (2901)       |
| Freescale Semic. | MKV31F512xxx12  | [LQFP64] (SWD)  | (2901)       |
| Freescale Semic. | MKV46F128xxx16  | [LQFP100]       | (4683)       |
| Freescale Semic. | MKV46F256xxx16  | [LQFP100]       | (4683)       |
| Freescale Semic. | MKV56F512xLQ16  | [LQFP144]       | (4885)       |
| Freescale Semic. | MKV58F1M0xLL24  | [LQFP100]       | (4992)       |
| Freescale Semic. | MKW20Z160       | [QFN48]         | (4312)       |
| Freescale Semic. | MKW31Z512       | [QFN48]         | (4312)       |
| Freescale Semic. | MKW40Z160       | [QFN48]         | (4312)       |
| Freescale Semic. | MKW41Z512       | [QFN48]         | (4312)       |
| Freescale Semic. | MM908E425       | [SOIC54]        | (869)        |
| Freescale Semic. | MM908E621       | [SOIC54]        | (869)        |
| Freescale Semic. | MM908E622       | [SOIC54]        | (869)        |
| Freescale Semic. | MM908E624       | [SOIC54]        | (869)        |
| Freescale Semic. | MM908E625       | [SOIC54]        | (869)        |
| Freescale Semic. | MM908E626       | [SOIC54]        | (869)        |
| Freescale Semic. | MM912F634       | [LQFP48]        | (174)        |
| Freescale Semic. | MM921I638BM2EP  | [QFN48]         | (567)        |
| Freescale Semic. | MM921J638BM2EP  | [QFN48]         | (567)        |
| Freescale Semic. | MMPF0100NPAEP   | [QFN56]         | (3671)       |
| Freescale Semic. | MMPF0100NPA NES | [QFN56]         | (3671)       |
| Freescale Semic. | MMPF0100NPAZES  | (ISP)           | (138) (9997) |
| Freescale Semic. | MMPF0100NPAZES  | [QFN56]         | (3671)       |
| Freescale Semic. | MMPF0100NPEP    | [QFN56]         | (3671)       |
| Freescale Semic. | MMPF0200NPAEP   | [QFN56]         | (3671)       |
| Freescale Semic. | MMPF0200NPAZES  | [QFN56]         | (3671)       |
| Freescale Semic. | MPC5515S        | [LQFP176]       | (2831)       |
| Freescale Semic. | MPC5516E        | [LQFP176]       | (2831)       |
| Freescale Semic. | MPC5516S        | [LQFP176]       | (2831)       |
| Freescale Semic. | MPC5517E        | [LQFP176]       | (2831)       |
| Freescale Semic. | MPC5517S        | [LQFP176]       | (2831)       |
| Freescale Semic. | MPC5602B        | [LQFP100]       | (3831)       |
| Freescale Semic. | MPC5602B        | [LQFP64]        | (3163)       |
| Freescale Semic. | MPC5602C        | [LQFP100]       | (3831)       |
| Freescale Semic. | MPC5602C        | [LQFP64]        | (3163)       |
| Freescale Semic. | MPC5603B        | [LQFP100]       | (3831)       |
| Freescale Semic. | MPC5603B        | [LQFP64]        | (3163)       |
| Freescale Semic. | MPC5603C        | [LQFP100]       | (3831)       |
| Freescale Semic. | MPC5603C        | [LQFP64]        | (3163)       |
| Freescale Semic. | MPC5603P        | [LQFP100]       | (4501)       |
| Freescale Semic. | MPC5603P        | [LQFP144]       | (2990)       |
| Freescale Semic. | MPC5604B        | [LQFP100]       | (3831)       |
| Freescale Semic. | MPC5604B        | [LQFP64]        | (3163)       |
| Freescale Semic. | MPC5604C        | [LQFP100]       | (3831)       |
| Freescale Semic. | MPC5604C        | [LQFP64]        | (3163)       |
| Freescale Semic. | MPC5604E        | [LQFP64]        | (3408)       |
| Freescale Semic. | MPC5604P        | [LQFP100]       | (4501)       |
| Freescale Semic. | MPC5604P        | [LQFP144]       | (2990)       |
| Freescale Semic. | MPC5605B        | [LQFP100]       | (3831)       |
| Freescale Semic. | MPC5606B        | [LQFP100]       | (3831)       |
| Freescale Semic. | MPC5606B        | [LQFP144]       | (3714)       |
| Freescale Semic. | MPC5607B        | [LQFP100]       | (3831)       |
| Freescale Semic. | MPC5643L        | [LQFP144]       | (2990)       |
| Freescale Semic. | MPC5644B        | [LQFP208]       | (3675)       |
| Freescale Semic. | MPC5644C        | [LQFP208]       | (3675)       |
| Freescale Semic. | MPC5645B        | [LQFP208]       | (3675)       |
| Freescale Semic. | MPC5645C        | [LQFP208]       | (3675)       |
| Freescale Semic. | MPC5645S        | [LQFP208]       | (2946)       |
| Freescale Semic. | MPC5646B        | [LQFP208]       | (3675)       |
| Freescale Semic. | MPC5646C        | [LQFP208]       | (3675)       |
| Freescale Semic. | MPC5777C        | [MAPBGA416]     | (4261)       |
| Freescale Semic. | MWCT1001A       | [LQFP64]        | (3722)       |
| Freescale Semic. | MWCT1011        | [LQFP64]        | (3722)       |
| Freescale Semic. | MWCT1011A       | [LQFP64]        | (3722)       |
| Freescale Semic. | MWCT1012        | [QFN32]         | (4236)       |
| Freescale Semic. | MWCT1013        | [LQFP64]        | (3722)       |
| Freescale Semic. | MWCT1013A       | [LQFP64]        | (3722)       |
| Freescale Semic. | MWCT1101        | [LQFP64]        | (3722)       |
| Freescale Semic. | MWCT1111        | [LQFP64]        | (3722)       |
| Freescale Semic. | MWPR1516        | [QFN32]         | (4325)       |
| Freescale Semic. | PK60N512xxx100  | [LQFP144]       | (2803)       |
| Freescale Semic. | PK60X256        | [LQFP144]       | (2803)       |
| Freescale Semic. | PKL26Z128       | [LQFP100]       | (2878)       |
| Freescale Semic. | S553152QB4      | [TSSOP16]       | (1088)       |
| Freescale Semic. | S56F8013        | [LQFP32]        | (159)        |
| Freescale Semic. | S56F8365        | [LQFP128]       | (1029)       |
| Freescale Semic. | S68HC908AB32    | [QFP64]         | (115)        |
| Freescale Semic. | S68HC908GZ48    | [LQFP32]        | (159)        |
| Freescale Semic. | S68HC908GZ60    | [LQFP32]        | (159)        |
| Freescale Semic. | S68HC908GZ60    | [LQFP48]        | (174)        |
| Freescale Semic. | S68HC908RF2     | [LQFP32]        | (159)        |
| Freescale Semic. | S908AB32A       | [QFP64]         | (115)        |
| Freescale Semic. | S908AS60A       | [PLCC52]        | (111)        |
| Freescale Semic. | S908AS60A       | [QFP64]         | (115)        |
| Freescale Semic. | S908AZ32A       | [QFP64]         | (115)        |
| Freescale Semic. | S908AZ60A       | [QFP64]         | (115)        |
| Freescale Semic. | S908EY16        | [QFP32]         | (159)        |
| Freescale Semic. | S908EY16A       | [QFP32]         | (159)        |
| Freescale Semic. | S908EY8         | [QFP32]         | (159)        |
| Freescale Semic. | S908EY8A        | [QFP32]         | (159)        |
| Freescale Semic. | S908GR16        | [LQFP48]        | (174)        |
| Freescale Semic. | S908GR16A       | [LQFP32]        | (159)        |
| Freescale Semic. | S908GR16A       | [LQFP48]        | (174)        |
| Freescale Semic. | S908GR32A       | [LQFP32]        | (159)        |
| Freescale Semic. | S908GR32A       | [LQFP48]        | (174)        |
| Freescale Semic. | S908GR48A       | [LQFP48]        | (174)        |
| Freescale Semic. | S908GR60A       | [LQFP32]        | (159)        |
| Freescale Semic. | S908GR8         | [SOIC28]        | (51)         |
| Freescale Semic. | S908GR8A        | [LQFP32]        | (159)        |
| Freescale Semic. | S908GZ16        | [LQFP32]        | (159)        |
| Freescale Semic. | S908GZ16        | [LQFP48]        | (174)        |
| Freescale Semic. | S908GZ32        | [LQFP48]        | (174)        |
| Freescale Semic. | S908GZ32        | [QFP64]         | (479)        |
| Freescale Semic. | S908GZ48        | [LQFP32]        | (159)        |
| Freescale Semic. | S908GZ48        | [LQFP48]        | (174)        |
| Freescale Semic. | S908GZ48        | [QFP64]         | (479)        |
| Freescale Semic. | S908GZ60        | [LQFP32]        | (159)        |
| Freescale Semic. | S908GZ60        | [LQFP48]        | (174)        |
| Freescale Semic. | S908GZ60        | [QFP64]         | (479)        |
| Freescale Semic. | S908GZ8         | [LQFP48]        | (174)        |

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| Freescale Semic. | S908JK1E   | [SOIC20]       | (119)        |
| Freescale Semic. | S908QB4    | [SOIC16]       | (1060)       |
| Freescale Semic. | S908QB4    | [TSSOP16]      | (1088)       |
| Freescale Semic. | S908QB8    | [SOIC16]       | (1060)       |
| Freescale Semic. | S908QB8    | [TSSOP16]      | (1088)       |
| Freescale Semic. | S908QC16   | (ISP 5-wire)   | (138)        |
| Freescale Semic. | S908QC16   | (ISP all-wire) | (138)        |
| Freescale Semic. | S908QC16   | [TSSOP16]      | (1088)       |
| Freescale Semic. | S908QC16   | [TSSOP20]      | (1089)       |
| Freescale Semic. | S908QC16   | [TSSOP28]      | (172)        |
| Freescale Semic. | S908QC4    | [TSSOP20]      | (1089)       |
| Freescale Semic. | S908QC4    | [TSSOP28]      | (172)        |
| Freescale Semic. | S908QC8    | (ISP 5-wire)   | (138)        |
| Freescale Semic. | S908QC8    | (ISP all-wire) | (138)        |
| Freescale Semic. | S908QC8    | [TSSOP16]      | (1088)       |
| Freescale Semic. | S908QC8    | [TSSOP20]      | (1089)       |
| Freescale Semic. | S908QC8    | [TSSOP28]      | (172)        |
| Freescale Semic. | S908QY1    | [TSSOP16]      | (1088)       |
| Freescale Semic. | S908QY2    | [SOIC16]       | (1060)       |
| Freescale Semic. | S908QY2    | [TSSOP16]      | (1088)       |
| Freescale Semic. | S908QY2A   | [SOIC16]       | (1060)       |
| Freescale Semic. | S908QY2A   | [TSSOP16]      | (1088)       |
| Freescale Semic. | S908QY4    | [SOIC16]       | (1060)       |
| Freescale Semic. | S908QY4    | [TSSOP16]      | (1088)       |
| Freescale Semic. | S908QY4A   |                |              |
| Freescale Semic. | S908QY4A   | (ISP 5-wire)   | (138)        |
| Freescale Semic. | S908QY4A   | (ISP all-wire) | (138)        |
| Freescale Semic. | S908QY4A   | [SOIC16]       | (1060)       |
| Freescale Semic. | S908QY4A   | [TSSOP16]      | (1088)       |
| Freescale Semic. | S912D60A   | (ISP)          | (138)        |
| Freescale Semic. | S912D60A   | [QFP80]        | (955)        |
| Freescale Semic. | S912D60A   | [TQFP112]      | (953)        |
| Freescale Semic. | S912D60C   | (ISP)          | (138)        |
| Freescale Semic. | S912D60C   | [QFP80]        | (955)        |
| Freescale Semic. | S912D60C   | [TQFP112]      | (953)        |
| Freescale Semic. | S912D60P   | (ISP)          | (138)        |
| Freescale Semic. | S912D60P   | [QFP80]        | (955)        |
| Freescale Semic. | S912D60P   | [TQFP112]      | (953)        |
| Freescale Semic. | S912DG128  | (ISP)          | (138)        |
| Freescale Semic. | S912DG128  | [LQFP112]      | (699)        |
| Freescale Semic. | S912XB128  | [LQFP112]      | (699)        |
| Freescale Semic. | S912XB128  | [QFP80]        | (698)        |
| Freescale Semic. | S912XB256  | [LQFP112]      | (699)        |
| Freescale Semic. | S912XB256  | [QFP80]        | (698)        |
| Freescale Semic. | S912XD128  | (ISP)          | (138) (9997) |
| Freescale Semic. | S912XD128  | [LQFP112]      | (699)        |
| Freescale Semic. | S912XD128  | [QFP80]        | (698)        |
| Freescale Semic. | S912XD256  | (ISP)          | (138) (9997) |
| Freescale Semic. | S912XD256  | [LQFP112]      | (699)        |
| Freescale Semic. | S912XD256  | [LQFP144]      | (827)        |
| Freescale Semic. | S912XD256  | [QFP80]        | (698)        |
| Freescale Semic. | S912XD64   | [QFP80]        | (698)        |
| Freescale Semic. | S912XDG128 | (ISP)          | (138)        |
| Freescale Semic. | S912XDG128 | [LQFP112]      | (699)        |
| Freescale Semic. | S912XDG128 | [QFP80]        | (698)        |
| Freescale Semic. | S912XDP512 | (ISP)          | (138)        |
| Freescale Semic. | S912XDP512 | [LQFP112]      | (699)        |
| Freescale Semic. | S912XDP512 | [LQFP144]      | (827)        |
| Freescale Semic. | S912XDP512 | [QFP80]        | (698)        |
| Freescale Semic. | S912XDQ256 | [LQFP112]      | (699)        |
| Freescale Semic. | S912XDQ256 | [LQFP144]      | (827)        |
| Freescale Semic. | S912XDQ256 | [QFP80]        | (698)        |
| Freescale Semic. | S912XDT256 | (ISP)          | (138)        |
| Freescale Semic. | S912XDT256 | [LQFP112]      | (699)        |
| Freescale Semic. | S912XDT256 | [LQFP144]      | (827)        |
| Freescale Semic. | S912XDT256 | [QFP80]        | (698)        |
| Freescale Semic. | S912XDT384 | (ISP)          | (138)        |
| Freescale Semic. | S912XDT384 | [LQFP112]      | (699)        |
| Freescale Semic. | S912XDT384 | [LQFP144]      | (827)        |
| Freescale Semic. | S912XDT384 | [QFP80]        | (698)        |
| Freescale Semic. | S912XDT512 | (ISP)          | (138)        |
| Freescale Semic. | S912XDT512 | [LQFP112]      | (699)        |
| Freescale Semic. | S912XDT512 | [LQFP144]      | (827)        |
| Freescale Semic. | S912XDT512 | [QFP80]        | (698)        |
| Freescale Semic. | S912XEG128 | (ISP)          | (138)        |
| Freescale Semic. | S912XEG128 | [LQFP112]      | (699)        |
| Freescale Semic. | S912XEG128 | [QFP80]        | (698)        |
| Freescale Semic. | S912XEG384 | [LQFP144]      | (827)        |
| Freescale Semic. | S912XEG384 | [QFP80]        | (698)        |
| Freescale Semic. | S912XEP100 | (ISP)          | (138) (9997) |
| Freescale Semic. | S912XEP100 | [LQFP112]      | (699)        |
| Freescale Semic. | S912XEP100 | [LQFP144]      | (827)        |
| Freescale Semic. | S912XEP768 | [LQFP112]      | (699)        |
| Freescale Semic. | S912XEP768 | [LQFP144]      | (827)        |
| Freescale Semic. | S912XEQ384 | (ISP)          | (138)        |
| Freescale Semic. | S912XEQ384 | [LQFP112]      | (699)        |
| Freescale Semic. | S912XEQ384 | [LQFP144]      | (827)        |
| Freescale Semic. | S912XEQ384 | [QFP80]        | (698)        |
| Freescale Semic. | S912XEQ512 | (ISP)          | (138) (9997) |
| Freescale Semic. | S912XEQ512 | [LQFP112]      | (699)        |
| Freescale Semic. | S912XEQ512 | [LQFP144]      | (827)        |
| Freescale Semic. | S912XEQ512 | [QFP80]        | (698)        |
| Freescale Semic. | S912XET256 | (ISP)          | (138)        |
| Freescale Semic. | S912XET256 | [LQFP112]      | (699)        |
| Freescale Semic. | S912XET256 | [LQFP144]      | (827)        |
| Freescale Semic. | S912XET256 | [QFP80]        | (698)        |
| Freescale Semic. | S912XHY128 | (ISP)          | (138) (9997) |
| Freescale Semic. | S912XHY128 | [LQFP112]      | (2879)       |
| Freescale Semic. | S912XHY256 | (ISP)          | (138) (9997) |
| Freescale Semic. | S912XHY256 | [LQFP112]      | (2879)       |
| Freescale Semic. | S912XHZ256 | [LQFP112]      | (932)        |
| Freescale Semic. | S912XHZ256 | [LQFP144]      | (1327)       |
| Freescale Semic. | S912XHZ384 | (ISP)          | (138)        |
| Freescale Semic. | S912XHZ384 | [LQFP112]      | (932)        |
| Freescale Semic. | S912XHZ384 | [LQFP144]      | (1327)       |
| Freescale Semic. | S912XHZ512 | (ISP)          | (138)        |
| Freescale Semic. | S912XHZ512 | [LQFP112]      | (932)        |
| Freescale Semic. | S912XHZ512 | [LQFP144]      | (1327)       |
| Freescale Semic. | S912ZVC19  | [LQFP48]       | (4638)       |
| Freescale Semic. | S912ZVL12  | [LQFP32]       | (4041)       |
| Freescale Semic. | S912ZVL12  | [LQFP48]       | (4016)       |
| Freescale Semic. | S912ZVL64  | [LQFP32]       | (4041)       |
| Freescale Semic. | S912ZVL64  | [LQFP48]       | (4016)       |
| Freescale Semic. | S912ZVL96  | [LQFP32]       | (4041)       |
| Freescale Semic. | S912ZVL96  | [LQFP48]       | (4016)       |
| Freescale Semic. | S912ZVLA12 | [LQFP32]       | (4041)       |
| Freescale Semic. | S912ZVLA12 | [LQFP48]       | (4016)       |
| Freescale Semic. | S912ZVLA64 | [LQFP48]       | (4016)       |
| Freescale Semic. | S912ZVLA96 | [LQFP32]       | (4041)       |
| Freescale Semic. | S912ZVLA96 | [LQFP48]       | (4016)       |
| Freescale Semic. | S912ZVMC12 | [LQFP64]       | (3102)       |
| Freescale Semic. | S912ZVMC64 | [LQFP64]       | (3102)       |
| Freescale Semic. | S912ZVML12 | [LQFP64]       | (3102)       |
| Freescale Semic. | S912ZVML32 | [LQFP64]       | (3102)       |
| Freescale Semic. | S912ZVML64 | [LQFP64]       | (3102)       |
| Freescale Semic. | S9KEAZ128A | (ISP-SWD)      | (138) (9997) |
| Freescale Semic. | S9KEAZ128A | [LQFP64]       | (3212)       |
| Freescale Semic. | S9KEAZ128A | [LQFP80]       | (3823)       |

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|------------------|------------|-----------|---------------|
| Freescale Semic. | S9KEAZ64A  | [LQFP64]  | (3212)        |
| Freescale Semic. | S9KEAZ64A  | [LQFP80]  | (3823)        |
| Freescale Semic. | S9KEAZN16A | [LQFP32]  | (3124)        |
| Freescale Semic. | S9KEAZN16A | [LQFP64]  | (3212)        |
| Freescale Semic. | S9KEAZN32A | [LQFP32]  | (3124)        |
| Freescale Semic. | S9KEAZN32A | [LQFP64]  | (3212)        |
| Freescale Semic. | S9KEAZN64A | [LQFP32]  | (3124)        |
| Freescale Semic. | S9KEAZN64A | [LQFP64]  | (3212)        |
| Freescale Semic. | S9KEAZN8A  | [QFN24]   | (3306)        |
| Freescale Semic. | S9KEAZN8A  | [TSSOP16] | (3438)        |
| Freescale Semic. | S9S08AW16  | (ISP)     | (138)         |
| Freescale Semic. | S9S08AW16  | [LQFP44]  | (94)          |
| Freescale Semic. | S9S08AW16  | [QFN48]   | (567)         |
| Freescale Semic. | S9S08AW16A | (ISP)     | (138)         |
| Freescale Semic. | S9S08AW16A | [LQFP32]  | (159)         |
| Freescale Semic. | S9S08AW16A | [LQFP44]  | (94)          |
| Freescale Semic. | S9S08AW16A | [QFN48]   | (567)         |
| Freescale Semic. | S9S08AW32  | (ISP)     | (138)         |
| Freescale Semic. | S9S08AW32  | [LQFP44]  | (94)          |
| Freescale Semic. | S9S08AW32  | [LQFP64]  | (799)         |
| Freescale Semic. | S9S08AW32  | [QFN48]   | (567)         |
| Freescale Semic. | S9S08AW32  | [QFP64]   | (800)         |
| Freescale Semic. | S9S08AW48  | (ISP)     | (138)         |
| Freescale Semic. | S9S08AW48  | [LQFP44]  | (94)          |
| Freescale Semic. | S9S08AW48  | [LQFP64]  | (799)         |
| Freescale Semic. | S9S08AW48  | [QFN48]   | (567)         |
| Freescale Semic. | S9S08AW48  | [QFP64]   | (800)         |
| Freescale Semic. | S9S08AW60  | (ISP)     | (138)         |
| Freescale Semic. | S9S08AW60  | [LQFP44]  | (94)          |
| Freescale Semic. | S9S08AW60  | [LQFP64]  | (799)         |
| Freescale Semic. | S9S08AW60  | [QFN48]   | (567)         |
| Freescale Semic. | S9S08AW60  | [QFP64]   | (800)         |
| Freescale Semic. | S9S08AW8A  | (ISP)     | (138) (9997)  |
| Freescale Semic. | S9S08AW8A  | [LQFP32]  | (159)         |
| Freescale Semic. | S9S08DN16  | (ISP)     | (138)         |
| Freescale Semic. | S9S08DN16  | [LQFP32]  | (159)         |
| Freescale Semic. | S9S08DN16  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08DN32  | (ISP)     | (138)         |
| Freescale Semic. | S9S08DN32  | [LQFP32]  | (159)         |
| Freescale Semic. | S9S08DN32  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08DN32  | [LQFP64]  | (1100)        |
| Freescale Semic. | S9S08DN48  | (ISP)     | (138)         |
| Freescale Semic. | S9S08DN48  | [LQFP32]  | (159)         |
| Freescale Semic. | S9S08DN48  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08DN60  | (ISP)     | (138)         |
| Freescale Semic. | S9S08DN60  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08DN60  | [LQFP64]  | (1100)        |
| Freescale Semic. | S9S08DN60  | [LQFP64]  | (1100) (9999) |
| Freescale Semic. | S9S08DV16  | (ISP)     | (138)         |
| Freescale Semic. | S9S08DV16  | [LQFP32]  | (159)         |
| Freescale Semic. | S9S08DV16  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08DV32  | (ISP)     | (138)         |
| Freescale Semic. | S9S08DV32  | [LQFP32]  | (159)         |
| Freescale Semic. | S9S08DV32  | [LQFP64]  | (1100)        |
| Freescale Semic. | S9S08DV48  | (ISP)     | (138)         |
| Freescale Semic. | S9S08DV48  | [LQFP32]  | (159)         |
| Freescale Semic. | S9S08DV60  | (ISP)     | (138)         |
| Freescale Semic. | S9S08DV60  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08DV60  | [LQFP64]  | (1100)        |
| Freescale Semic. | S9S08DV96  | [LQFP100] | (1583)        |
| Freescale Semic. | S9S08DV96  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08DV96  | [LQFP64]  | (1100)        |
| Freescale Semic. | S9S08DZ128 | (ISP)     | (138)         |
| Freescale Semic. | S9S08DZ128 | [LQFP100] | (1583)        |
| Freescale Semic. | S9S08DZ128 | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08DZ128 | [LQFP64]  | (1100)        |
| Freescale Semic. | S9S08DZ16  | (ISP)     | (138)         |
| Freescale Semic. | S9S08DZ16  | [LQFP32]  | (159)         |
| Freescale Semic. | S9S08DZ16  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08DZ32  | (ISP)     | (138)         |
| Freescale Semic. | S9S08DZ32  | [LQFP32]  | (159)         |
| Freescale Semic. | S9S08DZ32  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08DZ32  | [LQFP64]  | (1100)        |
| Freescale Semic. | S9S08DZ48  | (ISP)     | (138)         |
| Freescale Semic. | S9S08DZ48  | [LQFP32]  | (159)         |
| Freescale Semic. | S9S08DZ48  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08DZ48  | [LQFP64]  | (1100)        |
| Freescale Semic. | S9S08DZ60  | (ISP)     | (138)         |
| Freescale Semic. | S9S08DZ60  | [LQFP32]  | (159)         |
| Freescale Semic. | S9S08DZ60  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08DZ60  | [LQFP64]  | (1100)        |
| Freescale Semic. | S9S08DZ96  | (ISP)     | (138)         |
| Freescale Semic. | S9S08DZ96  | [LQFP100] | (1583)        |
| Freescale Semic. | S9S08DZ96  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08DZ96  | [LQFP64]  | (1100)        |
| Freescale Semic. | S9S08EL16  | (ISP)     | (138)         |
| Freescale Semic. | S9S08EL16  | [TSSOP20] | (1089)        |
| Freescale Semic. | S9S08EL16  | [TSSOP28] | (172)         |
| Freescale Semic. | S9S08EL32  | (ISP)     | (138)         |
| Freescale Semic. | S9S08EL32  | [TSSOP20] | (1089)        |
| Freescale Semic. | S9S08EL32  | [TSSOP28] | (172)         |
| Freescale Semic. | S9S08LG16  | (ISP)     | (138) (9997)  |
| Freescale Semic. | S9S08LG16  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08LG16  | [LQFP64]  | (799)         |
| Freescale Semic. | S9S08LG32  | (ISP)     | (138)         |
| Freescale Semic. | S9S08LG32  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08LG32  | [LQFP64]  | (799)         |
| Freescale Semic. | S9S08LG32  | [LQFP80]  | (1528)        |
| Freescale Semic. | S9S08MP16  | (ISP)     | (138)         |
| Freescale Semic. | S9S08MP16  | [LQFP48]  | (174)         |
| Freescale Semic. | S9S08QD2   | (ISP)     | (138)         |
| Freescale Semic. | S9S08QD2   | [SOIC8]   | (950)         |
| Freescale Semic. | S9S08QD4   | (ISP)     | (138)         |
| Freescale Semic. | S9S08QD4   | [SOIC8]   | (950)         |
| Freescale Semic. | S9S08RN32  | [LQFP32]  | (4239)        |
| Freescale Semic. | S9S08SC4   | (ISP)     | (138)         |
| Freescale Semic. | S9S08SC4   | [TSSOP16] | (1088)        |
| Freescale Semic. | S9S08SG16  | (ISP)     | (138)         |
| Freescale Semic. | S9S08SG16  | [TSSOP16] | (1088)        |
| Freescale Semic. | S9S08SG16  | [TSSOP20] | (1089)        |
| Freescale Semic. | S9S08SG16  | [TSSOP28] | (172)         |
| Freescale Semic. | S9S08SG32  | (ISP)     | (138)         |
| Freescale Semic. | S9S08SG32  | [TSSOP16] | (1088)        |
| Freescale Semic. | S9S08SG32  | [TSSOP20] | (1089)        |
| Freescale Semic. | S9S08SG32  | [TSSOP28] | (172)         |
| Freescale Semic. | S9S08SG4   | (ISP)     | (138)         |
| Freescale Semic. | S9S08SG4   | [SOIC8]   | (950)         |
| Freescale Semic. | S9S08SG4   | [TSSOP16] | (1088)        |
| Freescale Semic. | S9S08SG4   | [TSSOP20] | (1089)        |
| Freescale Semic. | S9S08SG8   | (ISP)     | (138)         |
| Freescale Semic. | S9S08SG8   | [SOIC8]   | (950)         |
| Freescale Semic. | S9S08SG8   | [TSSOP16] | (1088)        |
| Freescale Semic. | S9S08SG8   | [TSSOP20] | (1089)        |
| Freescale Semic. | S9S08SL16  | (ISP)     | (138)         |
| Freescale Semic. | S9S08SL16  | [TSSOP20] | (1089)        |
| Freescale Semic. | S9S08SL16  | [TSSOP28] | (172)         |
| Freescale Semic. | S9S08SL8   | (ISP)     | (138)         |
| Freescale Semic. | S9S08SL8   | [TSSOP20] | (1089)        |

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| Freescale Semic. | S9S08SL8 [TSSOP28]   | (172)        |
| Freescale Semic. | S9S12B128 (ISP)      | (138)        |
| Freescale Semic. | S9S12B128 [LQFP112]  | (699)        |
| Freescale Semic. | S9S12B128 [QFP80]    | (698)        |
| Freescale Semic. | S9S12B64 (ISP)       | (138)        |
| Freescale Semic. | S9S12B64 [LQFP112]   | (699)        |
| Freescale Semic. | S9S12B64 [QFP80]     | (698)        |
| Freescale Semic. | S9S12B96 (ISP)       | (138)        |
| Freescale Semic. | S9S12B96 [QFP80]     | (698)        |
| Freescale Semic. | S9S12C128 (ISP)      | (138)        |
| Freescale Semic. | S9S12C128 [LQFP48]   | (174)        |
| Freescale Semic. | S9S12C128 [LQFP52]   | (801)        |
| Freescale Semic. | S9S12C128 [QFP80]    | (698)        |
| Freescale Semic. | S9S12C32 (ISP)       | (138)        |
| Freescale Semic. | S9S12C32 [LQFP48]    | (174)        |
| Freescale Semic. | S9S12C32 [LQFP52]    | (801)        |
| Freescale Semic. | S9S12C32 [QFP80]     | (698)        |
| Freescale Semic. | S9S12C64 (ISP)       | (138)        |
| Freescale Semic. | S9S12C64 [LQFP48]    | (174)        |
| Freescale Semic. | S9S12C64 [LQFP52]    | (801)        |
| Freescale Semic. | S9S12C64 [QFP80]     | (698)        |
| Freescale Semic. | S9S12C96 (ISP)       | (138)        |
| Freescale Semic. | S9S12C96 [LQFP48]    | (174)        |
| Freescale Semic. | S9S12C96 [LQFP52]    | (801)        |
| Freescale Semic. | S9S12C96 [QFP80]     | (698)        |
| Freescale Semic. | S9S12D32 (ISP)       | (138)        |
| Freescale Semic. | S9S12D32 [QFP80]     | (698)        |
| Freescale Semic. | S9S12D64 (ISP)       | (138)        |
| Freescale Semic. | S9S12D64 [LQFP112]   | (699)        |
| Freescale Semic. | S9S12D64 [QFP80]     | (698)        |
| Freescale Semic. | S9S12DB12 (ISP)      | (138)        |
| Freescale Semic. | S9S12DB12 [LQFP112]  | (699)        |
| Freescale Semic. | S9S12DB12 [QFP80]    | (1081)       |
| Freescale Semic. | S9S12DG12 (ISP)      | (138)        |
| Freescale Semic. | S9S12DG12 [LQFP112]  | (699)        |
| Freescale Semic. | S9S12DG12 [QFP80]    | (698)        |
| Freescale Semic. | S9S12DG25 (ISP)      | (138)        |
| Freescale Semic. | S9S12DG25 [LQFP112]  | (699)        |
| Freescale Semic. | S9S12DG25 [QFP80]    | (698)        |
| Freescale Semic. | S9S12DJ12 (ISP)      | (138)        |
| Freescale Semic. | S9S12DJ12 [LQFP112]  | (699)        |
| Freescale Semic. | S9S12DJ12 [QFP80]    | (698)        |
| Freescale Semic. | S9S12DJ25 (ISP)      | (138)        |
| Freescale Semic. | S9S12DJ25 [LQFP112]  | (699)        |
| Freescale Semic. | S9S12DJ25 [QFP80]    | (698)        |
| Freescale Semic. | S9S12DJ64 (ISP)      | (138)        |
| Freescale Semic. | S9S12DJ64 [QFP80]    | (698)        |
| Freescale Semic. | S9S12DP51 (ISP)      | (138)        |
| Freescale Semic. | S9S12DP51 [LQFP112]  | (699)        |
| Freescale Semic. | S9S12DT12 (ISP)      | (138) (9997) |
| Freescale Semic. | S9S12DT12 [LQFP112]  | (699)        |
| Freescale Semic. | S9S12DT25 (ISP)      | (138)        |
| Freescale Semic. | S9S12DT25 [LQFP112]  | (699)        |
| Freescale Semic. | S9S12DT25 [QFP80]    | (698)        |
| Freescale Semic. | S9S12G128 (ISP)      | (138)        |
| Freescale Semic. | S9S12G128 [LQFP100]  | (2945)       |
| Freescale Semic. | S9S12G128 [LQFP48]   | (174)        |
| Freescale Semic. | S9S12G128 [LQFP64]   | (2689)       |
| Freescale Semic. | S9S12G192 (ISP)      | (138) (9997) |
| Freescale Semic. | S9S12G192 [LQFP100]  | (2945)       |
| Freescale Semic. | S9S12G192 [LQFP48]   | (174)        |
| Freescale Semic. | S9S12G192 [LQFP64]   | (2689)       |
| Freescale Semic. | S9S12G240 (ISP)      | (138) (9997) |
| Freescale Semic. | S9S12G240 [LQFP100]  | (2945)       |
| Freescale Semic. | S9S12G240 [LQFP48]   | (174)        |
| Freescale Semic. | S9S12G240 [LQFP64]   | (2689)       |
| Freescale Semic. | S9S12G48 (ISP)       | (138) (9997) |
| Freescale Semic. | S9S12G48 [LQFP32]    | (159)        |
| Freescale Semic. | S9S12G48 [LQFP48]    | (174)        |
| Freescale Semic. | S9S12G48 [LQFP64]    | (2689)       |
| Freescale Semic. | S9S12G64 (ISP)       | (138) (9997) |
| Freescale Semic. | S9S12G64 [LQFP32]    | (159)        |
| Freescale Semic. | S9S12G64 [LQFP48]    | (174)        |
| Freescale Semic. | S9S12G64 [LQFP64]    | (2689)       |
| Freescale Semic. | S9S12G96 (ISP)       | (138)        |
| Freescale Semic. | S9S12G96 [LQFP100]   | (2945)       |
| Freescale Semic. | S9S12G96 [LQFP48]    | (174)        |
| Freescale Semic. | S9S12G96 [LQFP64]    | (2689)       |
| Freescale Semic. | S9S12GA128 (ISP)     | (138) (9997) |
| Freescale Semic. | S9S12GA128 [LQFP48]  | (174)        |
| Freescale Semic. | S9S12GA192 (ISP)     | (138) (9997) |
| Freescale Semic. | S9S12GA192 [LQFP100] | (2945)       |
| Freescale Semic. | S9S12GA192 [LQFP48]  | (174)        |
| Freescale Semic. | S9S12GA192 [LQFP64]  | (2689)       |
| Freescale Semic. | S9S12GA240 (ISP)     | (138) (9997) |
| Freescale Semic. | S9S12GA240 [LQFP100] | (2945)       |
| Freescale Semic. | S9S12GA240 [LQFP48]  | (174)        |
| Freescale Semic. | S9S12GA240 [LQFP64]  | (2689)       |
| Freescale Semic. | S9S12GA48 (ISP)      | (138) (9997) |
| Freescale Semic. | S9S12GA48 [LQFP48]   | (174)        |
| Freescale Semic. | S9S12GA48 [LQFP64]   | (2689)       |
| Freescale Semic. | S9S12GA64 (ISP)      | (138) (9997) |
| Freescale Semic. | S9S12GA64 [LQFP64]   | (2689)       |
| Freescale Semic. | S9S12GC32 (ISP)      | (138)        |
| Freescale Semic. | S9S12GC32 [QFP80]    | (698)        |
| Freescale Semic. | S9S12GN16 [LQFP32]   | (159)        |
| Freescale Semic. | S9S12GN16 [LQFP48]   | (174)        |
| Freescale Semic. | S9S12GN16 [TSSOP20]  | (1089)       |
| Freescale Semic. | S9S12GN32 (ISP)      | (138) (9997) |
| Freescale Semic. | S9S12GN32 [LQFP32]   | (159)        |
| Freescale Semic. | S9S12GN32 [LQFP48]   | (174)        |
| Freescale Semic. | S9S12GN32 [TSSOP20]  | (1089)       |
| Freescale Semic. | S9S12GN48 (ISP)      | (138) (9997) |
| Freescale Semic. | S9S12GN48 [LQFP32]   | (159)        |
| Freescale Semic. | S9S12GN48 [LQFP48]   | (174)        |
| Freescale Semic. | S9S12GN48 [LQFP64]   | (2689)       |
| Freescale Semic. | S9S12GNA16 [LQFP48]  | (174)        |
| Freescale Semic. | S9S12GNA32 [LQFP48]  | (174)        |
| Freescale Semic. | S9S12H128 (ISP)      | (138)        |
| Freescale Semic. | S9S12H128 [LQFP112]  | (932)        |
| Freescale Semic. | S9S12H128 [LQFP144]  | (1327)       |
| Freescale Semic. | S9S12H256 (ISP)      | (138)        |
| Freescale Semic. | S9S12H256 [LQFP112]  | (932)        |
| Freescale Semic. | S9S12H256 [LQFP144]  | (1327)       |
| Freescale Semic. | S9S12HA32 [LQFP100]  | (2618)       |
| Freescale Semic. | S9S12HA32 [LQFP64]   | (2689)       |
| Freescale Semic. | S9S12HA48 [LQFP100]  | (2618)       |
| Freescale Semic. | S9S12HY32 [LQFP100]  | (2618)       |
| Freescale Semic. | S9S12HY32 [LQFP64]   | (2689)       |
| Freescale Semic. | S9S12HY48 [LQFP100]  | (2618)       |
| Freescale Semic. | S9S12HY64 (ISP)      | (138) (9997) |
| Freescale Semic. | S9S12HY64 [LQFP100]  | (2618)       |
| Freescale Semic. | S9S12HY64 [LQFP64]   | (2689)       |
| Freescale Semic. | S9S12HZ128 (ISP)     | (138)        |
| Freescale Semic. | S9S12HZ128 [LQFP112] | (932)        |
| Freescale Semic. | S9S12HZ256 (ISP)     | (138)        |
| Freescale Semic. | S9S12HZ256 [LQFP112] | (932)        |
| Freescale Semic. | S9S12KG12 [LQFP112]  | (699)        |

|                  |                |             |              |
|------------------|----------------|-------------|--------------|
| Freescale Semic. | S9S12KG12      | [QFP80]     | (698)        |
| Freescale Semic. | S9S12P128      | [LQFP64]    | (2309)       |
| Freescale Semic. | S9S12P128      | [LQFP80]    | (698)        |
| Freescale Semic. | S9S12P128      | [QFN48]     | (567)        |
| Freescale Semic. | S9S12P32       | [LQFP64]    | (2309)       |
| Freescale Semic. | S9S12P32       | [LQFP80]    | (698)        |
| Freescale Semic. | S9S12P32       | [QFN48]     | (567)        |
| Freescale Semic. | S9S12P64       | [LQFP64]    | (2309)       |
| Freescale Semic. | S9S12P64       | [LQFP80]    | (698)        |
| Freescale Semic. | S9S12P64       | [QFN48]     | (567)        |
| Freescale Semic. | S9S12P96       | [LQFP64]    | (2309)       |
| Freescale Semic. | S9S12P96       | [LQFP80]    | (698)        |
| Freescale Semic. | S9S12P96       | [QFN48]     | (567)        |
| Freescale Semic. | S9S12Q12       | (ISP)       | (138)        |
| Freescale Semic. | S9S12Q12       | [LQFP48]    | (174)        |
| Freescale Semic. | S9S12Q12       | [LQFP52]    | (801)        |
| Freescale Semic. | S9S12Q12       | [QFP80]     | (698)        |
| Freescale Semic. | S9S12Q128      | (ISP)       | (138)        |
| Freescale Semic. | S9S12Q128      | [QFP80]     | (698)        |
| Freescale Semic. | S9S12Q32       | (ISP)       | (138)        |
| Freescale Semic. | S9S12Q32       | [LQFP48]    | (174)        |
| Freescale Semic. | S9S12Q64       | (ISP)       | (138)        |
| Freescale Semic. | S9S12Q64       | [LQFP48]    | (174)        |
| Freescale Semic. | S9S12Q96       | (ISP)       | (138)        |
| Freescale Semic. | S9S12Q96       | [LQFP52]    | (801)        |
| Freescale Semic. | S9S12Q96       | [QFP80]     | (698)        |
| Freescale Semic. | S9S12VR48      | [LQFP32]    | (2922)       |
| Freescale Semic. | S9S12VR64      | [LQFP32]    | (2922)       |
| Freescale Semic. | S9S12XA256     | (ISP)       | (138)        |
| Freescale Semic. | S9S12XA256     | [LQFP112]   | (699)        |
| Freescale Semic. | S9S12XA256     | [LQFP144]   | (827)        |
| Freescale Semic. | S9S12XA256     | [QFP80]     | (698)        |
| Freescale Semic. | S9S12XA512     | (ISP)       | (138)        |
| Freescale Semic. | S9S12XA512     | [LQFP112]   | (699)        |
| Freescale Semic. | S9S12XA512     | [LQFP144]   | (827)        |
| Freescale Semic. | S9S12XA512     | [QFP80]     | (698)        |
| Freescale Semic. | S9S12XDG128    | [LQFP112]   | (699)        |
| Freescale Semic. | S9S12XDQ256    | (ISP)       | (138)        |
| Freescale Semic. | S9S12XDT256    | [LQFP112]   | (699)        |
| Freescale Semic. | S9S12XDT512    | [LQFP112]   | (699)        |
| Freescale Semic. | S9S12XDT512    | [QFP80]     | (698)        |
| Freescale Semic. | S9S12XS128     | (ISP)       | (138) (9997) |
| Freescale Semic. | S9S12XS128     | [LQFP112]   | (699)        |
| Freescale Semic. | S9S12XS128     | [LQFP64]    | (2309)       |
| Freescale Semic. | S9S12XS128     | [QFP80]     | (698)        |
| Freescale Semic. | S9S12XS256     | (ISP)       | (138) (9997) |
| Freescale Semic. | S9S12XS256     | [LQFP112]   | (699)        |
| Freescale Semic. | S9S12XS256     | [LQFP64]    | (2309)       |
| Freescale Semic. | S9S12XS256     | [QFP80]     | (698)        |
| Freescale Semic. | S9S12XS64      | (ISP)       | (138) (9997) |
| Freescale Semic. | S9S12XS64      | [LQFP112]   | (699)        |
| Freescale Semic. | S9S12XS64      | [LQFP64]    | (2309)       |
| Freescale Semic. | S9S12XS64      | [QFP80]     | (698)        |
| Freescale Semic. | S9S12ZVL16     | [LQFP32]    | (4041)       |
| Freescale Semic. | S9S12ZVL16     | [LQFP48]    | (4016)       |
| Freescale Semic. | S9S12ZVL32     | (ISP)       | (138) (9997) |
| Freescale Semic. | S9S12ZVL32     | [LQFP32]    | (4041)       |
| Freescale Semic. | S9S12ZVL32     | [LQFP48]    | (4016)       |
| Freescale Semic. | S9S12ZVL8      | [LQFP32]    | (4041)       |
| Freescale Semic. | S9S12ZVL8      | [LQFP48]    | (4016)       |
| Freescale Semic. | S9S12ZVLS1     | [QFN32]     | (4089)       |
| Freescale Semic. | S9S12ZVLS3     | [QFN32]     | (4089)       |
| Freescale Semic. | SC510070       | [SOIC20]    | (119)        |
| Freescale Semic. | SC908LJ12      | [QFP64]     | (479)        |
| Freescale Semic. | SC9RS08KA1     |             |              |
| Freescale Semic. | SC9RS08KA1     | (ISP)       | (138)        |
| Freescale Semic. | SC9RS08KA1     | [DFN6]      | (1554)       |
| Freescale Semic. | SC9RS08KA1     | [SOIC8]     | (950)        |
| Freescale Semic. | SC9RS08KA2     |             |              |
| Freescale Semic. | SC9RS08KA2     | (ISP)       | (138)        |
| Freescale Semic. | SC9RS08KA2     | [DFN6]      | (1554)       |
| Freescale Semic. | SC9RS08KA2     | [SOIC8]     | (950)        |
| Freescale Semic. | SC9S08ER48     | [QFN40]     | (885) (9999) |
| Freescale Semic. | SKCL26Z128     | (ISP-SWD)   | (138) (9997) |
| Freescale Semic. | SKCL26Z128CLL4 | [LQFP100]   | (2878)       |
| Freescale Semic. | SPC5515S       | [LQFP176]   | (2831)       |
| Freescale Semic. | SPC5516E       | [LQFP176]   | (2831)       |
| Freescale Semic. | SPC5516S       | [LQFP176]   | (2831)       |
| Freescale Semic. | SPC5517E       | [LQFP176]   | (2831)       |
| Freescale Semic. | SPC5517S       | [LQFP176]   | (2831)       |
| Freescale Semic. | SPC5601D       | (ISP)       | (138) (9997) |
| Freescale Semic. | SPC5601D       | [LQFP100]   | (3831)       |
| Freescale Semic. | SPC5601D       | [LQFP64]    | (3163)       |
| Freescale Semic. | SPC5602B       | [LQFP100]   | (3831)       |
| Freescale Semic. | SPC5602B       | [LQFP144]   | (2880)       |
| Freescale Semic. | SPC5602B       | [LQFP64]    | (3163)       |
| Freescale Semic. | SPC5602C       | [LQFP100]   | (3831)       |
| Freescale Semic. | SPC5602C       | [LQFP64]    | (3163)       |
| Freescale Semic. | SPC5602D       | (ISP)       | (138) (9997) |
| Freescale Semic. | SPC5602D       | [LQFP100]   | (3831)       |
| Freescale Semic. | SPC5602D       | [LQFP64]    | (3163)       |
| Freescale Semic. | SPC5603B       | [LQFP100]   | (3831)       |
| Freescale Semic. | SPC5603B       | [LQFP144]   | (2880)       |
| Freescale Semic. | SPC5603B       | [LQFP64]    | (3163)       |
| Freescale Semic. | SPC5603C       | [LQFP100]   | (3831)       |
| Freescale Semic. | SPC5603C       | [LQFP64]    | (3163)       |
| Freescale Semic. | SPC5603P       | [LQFP100]   | (4501)       |
| Freescale Semic. | SPC5603P       | [LQFP144]   | (2990)       |
| Freescale Semic. | SPC5604B       | [LQFP100]   | (3831)       |
| Freescale Semic. | SPC5604B       | [LQFP144]   | (2880)       |
| Freescale Semic. | SPC5604B       | [LQFP64]    | (3163)       |
| Freescale Semic. | SPC5604C       | [LQFP100]   | (3831)       |
| Freescale Semic. | SPC5604C       | [LQFP64]    | (3163)       |
| Freescale Semic. | SPC5604E       | [LQFP64]    | (3408)       |
| Freescale Semic. | SPC5604P       | [LQFP100]   | (4501)       |
| Freescale Semic. | SPC5604P       | [LQFP144]   | (2990)       |
| Freescale Semic. | SPC5605B       | [LQFP100]   | (3831)       |
| Freescale Semic. | SPC5605B       | [LQFP144]   | (2880)       |
| Freescale Semic. | SPC5605B       | [LQFP176]   | (2805)       |
| Freescale Semic. | SPC5606B       | [LQFP100]   | (3831)       |
| Freescale Semic. | SPC5606B       | [LQFP144]   | (2880)       |
| Freescale Semic. | SPC5606B       | [LQFP176]   | (2805)       |
| Freescale Semic. | SPC5607B       | [LQFP100]   | (3831)       |
| Freescale Semic. | SPC5607B       | [LQFP176]   | (2805)       |
| Freescale Semic. | SPC5643L       | [LQFP144]   | (2990)       |
| Freescale Semic. | SPC5644B       | [LQFP208]   | (3675)       |
| Freescale Semic. | SPC5644C       | [LQFP208]   | (3675)       |
| Freescale Semic. | SPC5645B       | [LQFP208]   | (3675)       |
| Freescale Semic. | SPC5645C       | [LQFP208]   | (3675)       |
| Freescale Semic. | SPC5645S       | [LQFP208]   | (2946)       |
| Freescale Semic. | SPC5646B       | [LQFP208]   | (3675)       |
| Freescale Semic. | SPC5646C       | [LQFP208]   | (3675)       |
| Freescale Semic. | SPC5777C       | [MAPBGA416] | (4261)       |
| Freescale Semic. | XC68HC705B32   | [PLCC52]    | (110)        |
| Freescale Semic. | XC68HC705B32   | [SDIP56]    | (644)        |
| Freescale Semic. | XC68HC705P6    |             |              |
| Freescale Semic. | XC68HC711E9    | [CLCC52]    | (111)        |
| Freescale Semic. | XC705B32       | [SDIP56]    | (644)        |

|         |            |             |        |
|---------|------------|-------------|--------|
| Fremont | FT24C02    |             |        |
| Fremont | FT24C02    | (ISP)       | (138)  |
| Fremont | FT24C02    | [SOIC8]     | (950)  |
| Fremont | FT24C02    | [SOT23-5]   | (523)  |
| Fremont | FT24C02    | [TSSOP8]    | (121)  |
| Fremont | FT24C02A   |             |        |
| Fremont | FT24C02A   | (ISP)       | (138)  |
| Fremont | FT24C02A   | [DFN8]      | (2995) |
| Fremont | FT24C02A   | [MSOP8]     | (605)  |
| Fremont | FT24C02A   | [SOIC8]     | (950)  |
| Fremont | FT24C02A   | [SOT23-5]   | (523)  |
| Fremont | FT24C02A   | [TSSOP8]    | (121)  |
| Fremont | FT24C02A-5 |             |        |
| Fremont | FT24C02A-5 | (ISP)       | (138)  |
| Fremont | FT24C02A-5 | [SOIC8]     | (950)  |
| Fremont | FT24C02A-5 | [SOT23-5]   | (523)  |
| Fremont | FT24C02A-5 | [TSSOP8]    | (121)  |
| Fremont | FT24C02A-F |             |        |
| Fremont | FT24C02A-F | (ISP)       | (138)  |
| Fremont | FT24C02A-F | [DFN8-2x3]  | (2995) |
| Fremont | FT24C02A-F | [MSOP8]     | (605)  |
| Fremont | FT24C02A-F | [SOP8-150]  | (950)  |
| Fremont | FT24C02A-F | [SOT23-5]   | (523)  |
| Fremont | FT24C02A-F | [TSOT23-5]  | (523)  |
| Fremont | FT24C02A-F | [TSSOP8]    | (121)  |
| Fremont | FT24C02A-U |             |        |
| Fremont | FT24C02A-U | (ISP)       | (138)  |
| Fremont | FT24C02A-U | [DFN8-2x3]  | (2995) |
| Fremont | FT24C02A-U | [SOP8-150]  | (950)  |
| Fremont | FT24C02A-U | [SOT23-5]   | (523)  |
| Fremont | FT24C02A-U | [TSSOP8]    | (121)  |
| Fremont | FT24C04    |             |        |
| Fremont | FT24C04    | (ISP)       | (138)  |
| Fremont | FT24C04    | [SOIC8]     | (950)  |
| Fremont | FT24C04    | [SOT23-5]   | (523)  |
| Fremont | FT24C04    | [TSSOP8]    | (121)  |
| Fremont | FT24C04A   |             |        |
| Fremont | FT24C04A   | (ISP)       | (138)  |
| Fremont | FT24C04A   | [DFN8]      | (2995) |
| Fremont | FT24C04A   | [MSOP8]     | (605)  |
| Fremont | FT24C04A   | [SOIC8]     | (950)  |
| Fremont | FT24C04A   | [SOP8-150]  | (950)  |
| Fremont | FT24C04A   | [SOT23-5]   | (523)  |
| Fremont | FT24C04A   | [TSOT23-5]  | (523)  |
| Fremont | FT24C04A   | [TSSOP8]    | (121)  |
| Fremont | FT24C08    |             |        |
| Fremont | FT24C08    | (ISP)       | (138)  |
| Fremont | FT24C08    | [SOIC8]     | (950)  |
| Fremont | FT24C08    | [SOT23-5]   | (523)  |
| Fremont | FT24C08    | [TSSOP8]    | (121)  |
| Fremont | FT24C08A   |             |        |
| Fremont | FT24C08A   | (ISP)       | (138)  |
| Fremont | FT24C08A   | [DFN8]      | (2995) |
| Fremont | FT24C08A   | [MSOP8]     | (605)  |
| Fremont | FT24C08A   | [SOIC8]     | (950)  |
| Fremont | FT24C08A   | [SOP8-150]  | (950)  |
| Fremont | FT24C08A   | [SOT23-5]   | (523)  |
| Fremont | FT24C08A   | [TSOT23-5]  | (523)  |
| Fremont | FT24C08A   | [TSSOP8]    | (121)  |
| Fremont | FT24C1024A |             |        |
| Fremont | FT24C1024A | (ISP)       | (138)  |
| Fremont | FT24C1024A | [SOP8-150]  | (950)  |
| Fremont | FT24C128   |             |        |
| Fremont | FT24C128   | (ISP)       | (138)  |
| Fremont | FT24C128   | [SOIC8]     | (950)  |
| Fremont | FT24C128   | [TSSOP8]    | (121)  |
| Fremont | FT24C128A  |             |        |
| Fremont | FT24C128A  | (ISP)       | (138)  |
| Fremont | FT24C128A  | [DFN8-2x3]  | (2995) |
| Fremont | FT24C128A  | [MSOP8]     | (605)  |
| Fremont | FT24C128A  | [SOIC8]     | (950)  |
| Fremont | FT24C128A  | [SOP8-150]  | (950)  |
| Fremont | FT24C128A  | [TSSOP8]    | (121)  |
| Fremont | FT24C16    |             |        |
| Fremont | FT24C16    | (ISP)       | (138)  |
| Fremont | FT24C16    | [SOIC8]     | (950)  |
| Fremont | FT24C16    | [SOT23-5]   | (523)  |
| Fremont | FT24C16    | [TSSOP8]    | (121)  |
| Fremont | FT24C16A   |             |        |
| Fremont | FT24C16A   | (ISP)       | (138)  |
| Fremont | FT24C16A   | [DFN8]      | (2995) |
| Fremont | FT24C16A   | [MSOP8]     | (605)  |
| Fremont | FT24C16A   | [SOIC8]     | (950)  |
| Fremont | FT24C16A   | [SOP8-150]  | (950)  |
| Fremont | FT24C16A   | [SOT23-5]   | (523)  |
| Fremont | FT24C16A   | [TSOT23-5]  | (523)  |
| Fremont | FT24C16A   | [TSSOP8]    | (121)  |
| Fremont | FT24C256   |             |        |
| Fremont | FT24C256   | (ISP)       | (138)  |
| Fremont | FT24C256   | [SOIC8]     | (950)  |
| Fremont | FT24C256   | [TSSOP8]    | (121)  |
| Fremont | FT24C256A  |             |        |
| Fremont | FT24C256A  | (ISP)       | (138)  |
| Fremont | FT24C256A  | [MSOP8]     | (605)  |
| Fremont | FT24C256A  | [SOIC8]     | (950)  |
| Fremont | FT24C256A  | [SOP8-150]  | (950)  |
| Fremont | FT24C256A  | [TSSOP8]    | (121)  |
| Fremont | FT24C256A  | [UDFN8-2x3] | (4538) |
| Fremont | FT24C32    |             |        |
| Fremont | FT24C32    | (ISP)       | (138)  |
| Fremont | FT24C32    | [MSOP8]     | (605)  |
| Fremont | FT24C32    | [SOIC8]     | (950)  |
| Fremont | FT24C32    | [TSSOP8]    | (121)  |
| Fremont | FT24C32A   |             |        |
| Fremont | FT24C32A   | (ISP)       | (138)  |
| Fremont | FT24C32A   | [DFN8]      | (2995) |
| Fremont | FT24C32A   | [MSOP8]     | (605)  |
| Fremont | FT24C32A   | [SOIC8]     | (950)  |
| Fremont | FT24C32A   | [SOP8-150]  | (950)  |
| Fremont | FT24C32A   | [SOT23-5]   | (523)  |
| Fremont | FT24C32A   | [TSOT23-5]  | (523)  |
| Fremont | FT24C32A   | [TSSOP8]    | (121)  |
| Fremont | FT24C512   |             |        |
| Fremont | FT24C512   | (ISP)       | (138)  |
| Fremont | FT24C512   | [SOIC8]     | (950)  |
| Fremont | FT24C512   | [TSSOP8]    | (121)  |
| Fremont | FT24C512A  |             |        |
| Fremont | FT24C512A  | (ISP)       | (138)  |
| Fremont | FT24C512A  | [MSOP8]     | (605)  |
| Fremont | FT24C512A  | [SOIC8]     | (950)  |
| Fremont | FT24C512A  | [SOP8-150]  | (950)  |
| Fremont | FT24C512A  | [TSSOP8]    | (121)  |
| Fremont | FT24C512A  | [UDFN8-2x3] | (4538) |
| Fremont | FT24C512A  | [WSOP8-200] | (46)   |
| Fremont | FT24C64    |             |        |
| Fremont | FT24C64    | (ISP)       | (138)  |
| Fremont | FT24C64    | [MSOP8]     | (605)  |
| Fremont | FT24C64    | [SOIC8]     | (950)  |

|              |            |                       |             |
|--------------|------------|-----------------------|-------------|
| Fremont      | FT24C64    | [TSSOP8]              | (121)       |
| Fremont      | FT24C64A   |                       |             |
| Fremont      | FT24C64A   | (ISP)                 | (138)       |
| Fremont      | FT24C64A   | [DFN8]                | (2995)      |
| Fremont      | FT24C64A   | [MSOP8]               | (605)       |
| Fremont      | FT24C64A   | [SOIC8]               | (950)       |
| Fremont      | FT24C64A   | [SOP8-150]            | (950)       |
| Fremont      | FT24C64A   | [SOT23-5]             | (523)       |
| Fremont      | FT24C64A   | [TSOT23-5]            | (523)       |
| Fremont      | FT24C64A   | [TSSOP8]              | (121)       |
| Fremont      | FT24C64B   | (ISP)                 | (138)       |
| Fremont      | FT25080A   |                       |             |
| Fremont      | FT25080A   | (ISP)                 | (138)       |
| Fremont      | FT25080A   | [SOIC8]               | (950)       |
| Fremont      | FT25080A   | [TSSOP8]              | (121)       |
| Fremont      | FT25160A   |                       |             |
| Fremont      | FT25160A   | (ISP)                 | (138)       |
| Fremont      | FT25160A   | [SOIC8]               | (950)       |
| Fremont      | FT25160A   | [TSSOP8]              | (121)       |
| Fremont      | FT25320A   |                       |             |
| Fremont      | FT25320A   | (ISP)                 | (138)       |
| Fremont      | FT25320A   | [SOIC8]               | (950)       |
| Fremont      | FT25320A   | [TSSOP8]              | (121)       |
| Fremont      | FT25640A   |                       |             |
| Fremont      | FT25640A   | (ISP)                 | (138)       |
| Fremont      | FT25640A   | [SOIC8]               | (950)       |
| Fremont      | FT25640A   | [TSSOP8]              | (121)       |
| Fremont      | FT25C08A   |                       |             |
| Fremont      | FT25C08A   | (ISP)                 | (138)       |
| Fremont      | FT25C08A   | [SOIC8]               | (950)       |
| Fremont      | FT25C08A   | [TSSOP8]              | (121)       |
| Fremont      | FT25C16A   |                       |             |
| Fremont      | FT25C16A   | (ISP)                 | (138)       |
| Fremont      | FT25C16A   | [SOIC8]               | (950)       |
| Fremont      | FT25C16A   | [TSSOP8]              | (121)       |
| Fremont      | FT25C32A   |                       |             |
| Fremont      | FT25C32A   | (ISP)                 | (138)       |
| Fremont      | FT25C32A   | [SOIC8]               | (950)       |
| Fremont      | FT25C32A   | [TSSOP8]              | (121)       |
| Fremont      | FT25C64A   |                       |             |
| Fremont      | FT25C64A   | (ISP)                 | (138)       |
| Fremont      | FT25C64A   | [SOIC8]               | (950)       |
| Fremont      | FT25C64A   | [TSSOP8]              | (121)       |
| Fremont      | FT25H02    | (ISP)                 | (138)       |
| Fremont      | FT25H02    | [SOP8-150]            | (3094) (*1) |
| Fremont      | FT25H02    | [SOP8-200]            | (3087) (*1) |
| Fremont      | FT25H02    | [TSSOP8]              | (1388)      |
| Fremont      | FT25H02    | [VSOP8-200]           | (3087) (*1) |
| Fremont      | FT25H04    | (ISP)                 | (138)       |
| Fremont      | FT25H04    | [SOP8-150]            | (3094) (*1) |
| Fremont      | FT25H04    | [SOP8-200]            | (3087) (*1) |
| Fremont      | FT25H04    | [TSSOP8]              | (1388)      |
| Fremont      | FT25H04    | [VSOP8-200]           | (3087) (*1) |
| Fremont      | FT25H16    |                       |             |
| Fremont      | FT25H16    | [SOP8-150]            | (3095) (*1) |
| Fremont      | FT25H16    | [SOP8-150] (QuadSPI)  | (3095) (*1) |
| Fremont      | FT25H16    | [SOP8-200]            | (3088) (*1) |
| Fremont      | FT25H16    | [SOP8-200] (QuadSPI)  | (3088) (*1) |
| Fremont      | FT25H16    | [VSOP8-200]           | (3088) (*1) |
| Fremont      | FT25H16    | [VSOP8-200] (QuadSPI) | (3088) (*1) |
| Fremont      | FT25L02    | (ISP)                 | (138)       |
| Fremont      | FT25L02    | [SOP8-150]            | (3094) (*1) |
| Fremont      | FT25L02    | [SOP8-200]            | (3087) (*1) |
| Fremont      | FT25L02    | [TSSOP8]              | (1388)      |
| Fremont      | FT25L02    | [VSOP8-200]           | (3087) (*1) |
| Fremont      | FT25L04    | (ISP)                 | (138)       |
| Fremont      | FT25L04    | [SOP8-150]            | (3094) (*1) |
| Fremont      | FT25L04    | [SOP8-200]            | (3087) (*1) |
| Fremont      | FT25L04    | [TSSOP8]              | (1388)      |
| Fremont      | FT25L04    | [VSOP8-200]           | (3087) (*1) |
| Fremont      | FT34C04A   | (ISP)                 | (138)       |
| Fremont      | FT34C04A   | [SOP8-150]            | (950)       |
| Fremont      | FT34C04A   | [TSSOP8]              | (121)       |
| Fremont      | FT34C04A   | [UDFN8-2x3]           | (4538)      |
| Fremont      | FT93C46    | (x16)                 |             |
| Fremont      | FT93C46    | (x16) (ISP)           | (138)       |
| Fremont      | FT93C46    | (x16) [SOIC8]         | (950)       |
| Fremont      | FT93C46    | (x16) [TSSOP8]        | (121)       |
| Fremont      | FT93C46    | (x8)                  |             |
| Fremont      | FT93C46    | (x8) (ISP)            | (138)       |
| Fremont      | FT93C46    | (x8) [SOIC8]          | (950)       |
| Fremont      | FT93C46    | (x8) [TSSOP8]         | (121)       |
| Fremont      | FT93C46A   | (x16)                 |             |
| Fremont      | FT93C46A   | (x16) (ISP)           | (138)       |
| Fremont      | FT93C46A   | (x16) [SOIC8]         | (950)       |
| Fremont      | FT93C46A   | (x16) [TSSOP8]        | (121)       |
| Fremont      | FT93C46A   | (x8)                  |             |
| Fremont      | FT93C46A   | (x8) (ISP)            | (138)       |
| Fremont      | FT93C46A   | (x8) [SOIC8]          | (950)       |
| Fremont      | FT93C46A   | (x8) [TSSOP8]         | (121)       |
| Fremont      | FT93C46AR  | (x16) [SOIC8]         | (950)       |
| Fremont      | FT93C46AR  | (x8) [SOIC8]          | (950)       |
| Fremont      | FT93C46R   | (x16) [SOIC8]         | (950)       |
| Fremont      | FT93C46R   | (x8) [SOIC8]          | (950)       |
| Fremont      | FT93C56    | (x16)                 |             |
| Fremont      | FT93C56    | (x16) (ISP)           | (138)       |
| Fremont      | FT93C56    | (x16) [SOIC8]         | (950)       |
| Fremont      | FT93C56    | (x16) [TSSOP8]        | (121)       |
| Fremont      | FT93C56    | (x8)                  |             |
| Fremont      | FT93C56    | (x8) (ISP)            | (138)       |
| Fremont      | FT93C56    | (x8) [SOIC8]          | (950)       |
| Fremont      | FT93C56    | (x8) [TSSOP8]         | (121)       |
| Fremont      | FT93C56A   | (x16)                 |             |
| Fremont      | FT93C56A   | (x16) (ISP)           | (138)       |
| Fremont      | FT93C56A   | (x16) [SOIC8]         | (950)       |
| Fremont      | FT93C56A   | (x16) [TSSOP8]        | (121)       |
| Fremont      | FT93C56A   | (x8)                  |             |
| Fremont      | FT93C56A   | (x8) (ISP)            | (138)       |
| Fremont      | FT93C56A   | (x8) [SOIC8]          | (950)       |
| Fremont      | FT93C56A   | (x8) [TSSOP8]         | (121)       |
| Fremont      | FT93C66    | (x16)                 |             |
| Fremont      | FT93C66    | (x16) (ISP)           | (138)       |
| Fremont      | FT93C66    | (x16) [SOIC8]         | (950)       |
| Fremont      | FT93C66    | (x16) [TSSOP8]        | (121)       |
| Fremont      | FT93C66    | (x8)                  |             |
| Fremont      | FT93C66    | (x8) (ISP)            | (138)       |
| Fremont      | FT93C66    | (x8) [SOIC8]          | (950)       |
| Fremont      | FT93C66    | (x8) [TSSOP8]         | (121)       |
| Fremont      | FT93C66A   | (x16)                 |             |
| Fremont      | FT93C66A   | (x16) (ISP)           | (138)       |
| Fremont      | FT93C66A   | (x16) [SOIC8]         | (950)       |
| Fremont      | FT93C66A   | (x16) [TSSOP8]        | (121)       |
| Fremont      | FT93C66A   | (x8)                  |             |
| Fremont      | FT93C66A   | (x8) (ISP)            | (138)       |
| Fremont      | FT93C66A   | (x8) [SOIC8]          | (950)       |
| Fremont      | FT93C66A   | (x8) [TSSOP8]         | (121)       |
| Fresco Logic | FL7102-1Q0 | [QFN40]               | (4897)      |
| Fresco Logic | FL7102-2Q0 | [QFN40]               | (4897)      |



|                   |                       |        |
|-------------------|-----------------------|--------|
| FTDI Chip         | VNC1L [LQFP48]        | (1326) |
| FTDI Chip         | VNC1L-1A [LQFP48]     | (1326) |
| Fudan Microelect. | FM24C02               |        |
| Fudan Microelect. | FM24C02 (ISP)         | (138)  |
| Fudan Microelect. | FM24C02 [SOP8]        | (950)  |
| Fudan Microelect. | FM24C02 [TSSOP8]      | (121)  |
| Fudan Microelect. | FM24C02A              |        |
| Fudan Microelect. | FM24C02A (ISP)        | (138)  |
| Fudan Microelect. | FM24C02A [SOP8]       | (950)  |
| Fudan Microelect. | FM24C02A [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C02B              |        |
| Fudan Microelect. | FM24C02B (ISP)        | (138)  |
| Fudan Microelect. | FM24C02B [SOP8]       | (950)  |
| Fudan Microelect. | FM24C02B [TDFN8-2x3]  | (2995) |
| Fudan Microelect. | FM24C02B [TSOT23-5L]  | (523)  |
| Fudan Microelect. | FM24C02B [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C02C              |        |
| Fudan Microelect. | FM24C02C (ISP)        | (138)  |
| Fudan Microelect. | FM24C02C [SOP8]       | (950)  |
| Fudan Microelect. | FM24C02C [TSOT23-5]   | (523)  |
| Fudan Microelect. | FM24C02C [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C04               |        |
| Fudan Microelect. | FM24C04 (ISP)         | (138)  |
| Fudan Microelect. | FM24C04 [SOP8]        | (950)  |
| Fudan Microelect. | FM24C04 [TSSOP8]      | (121)  |
| Fudan Microelect. | FM24C04A              |        |
| Fudan Microelect. | FM24C04A (ISP)        | (138)  |
| Fudan Microelect. | FM24C04A [SOP8]       | (950)  |
| Fudan Microelect. | FM24C04A [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C04B              |        |
| Fudan Microelect. | FM24C04B (ISP)        | (138)  |
| Fudan Microelect. | FM24C04B [SOP8]       | (950)  |
| Fudan Microelect. | FM24C04B [TDFN8-2x3]  | (2995) |
| Fudan Microelect. | FM24C04B [TSOT23-5L]  | (523)  |
| Fudan Microelect. | FM24C04B [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C04D              |        |
| Fudan Microelect. | FM24C04D (ISP)        | (138)  |
| Fudan Microelect. | FM24C04D [SOP8]       | (950)  |
| Fudan Microelect. | FM24C04D [TSOT23-5]   | (523)  |
| Fudan Microelect. | FM24C04D [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C04D [UDFN8-2x3]  | (4538) |
| Fudan Microelect. | FM24C08               |        |
| Fudan Microelect. | FM24C08 (ISP)         | (138)  |
| Fudan Microelect. | FM24C08 [SOP8]        | (950)  |
| Fudan Microelect. | FM24C08 [TSSOP8]      | (121)  |
| Fudan Microelect. | FM24C08A              |        |
| Fudan Microelect. | FM24C08A (ISP)        | (138)  |
| Fudan Microelect. | FM24C08A [SOP8]       | (950)  |
| Fudan Microelect. | FM24C08A [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C08B              |        |
| Fudan Microelect. | FM24C08B (ISP)        | (138)  |
| Fudan Microelect. | FM24C08B [SOP8]       | (950)  |
| Fudan Microelect. | FM24C08B [TDFN8-2x3]  | (2995) |
| Fudan Microelect. | FM24C08B [TSOT23-5L]  | (523)  |
| Fudan Microelect. | FM24C08B [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C08D              |        |
| Fudan Microelect. | FM24C08D (ISP)        | (138)  |
| Fudan Microelect. | FM24C08D [SOP8]       | (950)  |
| Fudan Microelect. | FM24C08D [TSOT23-5]   | (523)  |
| Fudan Microelect. | FM24C08D [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C08D [UDFN8-2x3]  | (4538) |
| Fudan Microelect. | FM24C1024A            |        |
| Fudan Microelect. | FM24C1024A (ISP)      | (138)  |
| Fudan Microelect. | FM24C1024A [SOP8]     | (950)  |
| Fudan Microelect. | FM24C1024A [TSSOP8]   | (121)  |
| Fudan Microelect. | FM24C128A             |        |
| Fudan Microelect. | FM24C128A (ISP)       | (138)  |
| Fudan Microelect. | FM24C128A [SOP8]      | (950)  |
| Fudan Microelect. | FM24C128A [TSSOP8]    | (121)  |
| Fudan Microelect. | FM24C128D             |        |
| Fudan Microelect. | FM24C128D (ISP)       | (138)  |
| Fudan Microelect. | FM24C128D [SOP8]      | (950)  |
| Fudan Microelect. | FM24C128D [TDFN8-2x3] | (2995) |
| Fudan Microelect. | FM24C128D [TSSOP8]    | (121)  |
| Fudan Microelect. | FM24C16               |        |
| Fudan Microelect. | FM24C16 (ISP)         | (138)  |
| Fudan Microelect. | FM24C16 [SOP8]        | (950)  |
| Fudan Microelect. | FM24C16 [TSSOP8]      | (121)  |
| Fudan Microelect. | FM24C16A              |        |
| Fudan Microelect. | FM24C16A (ISP)        | (138)  |
| Fudan Microelect. | FM24C16A [SOP8]       | (950)  |
| Fudan Microelect. | FM24C16A [TDFN8]      | (2995) |
| Fudan Microelect. | FM24C16A [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C16B              |        |
| Fudan Microelect. | FM24C16B (ISP)        | (138)  |
| Fudan Microelect. | FM24C16B [SOP8]       | (950)  |
| Fudan Microelect. | FM24C16B [TDFN8-2x3]  | (2995) |
| Fudan Microelect. | FM24C16B [TSOT23-5L]  | (523)  |
| Fudan Microelect. | FM24C16B [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C16D              |        |
| Fudan Microelect. | FM24C16D (ISP)        | (138)  |
| Fudan Microelect. | FM24C16D [SOP8]       | (950)  |
| Fudan Microelect. | FM24C16D [TSOT23-5]   | (523)  |
| Fudan Microelect. | FM24C16D [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C16D [UDFN8-2x3]  | (4538) |
| Fudan Microelect. | FM24C256A             |        |
| Fudan Microelect. | FM24C256A (ISP)       | (138)  |
| Fudan Microelect. | FM24C256A [MSOP8]     | (605)  |
| Fudan Microelect. | FM24C256A [SOP8]      | (950)  |
| Fudan Microelect. | FM24C256A [TDFN8]     | (2995) |
| Fudan Microelect. | FM24C256A [TSSOP8]    | (121)  |
| Fudan Microelect. | FM24C256E             |        |
| Fudan Microelect. | FM24C256E (ISP)       | (138)  |
| Fudan Microelect. | FM24C256E [MSOP8]     | (605)  |
| Fudan Microelect. | FM24C256E [SOP8]      | (950)  |
| Fudan Microelect. | FM24C256E [TDFN8-2x3] | (2995) |
| Fudan Microelect. | FM24C256E [TSSOP8]    | (121)  |
| Fudan Microelect. | FM24C32A              |        |
| Fudan Microelect. | FM24C32A (ISP)        | (138)  |
| Fudan Microelect. | FM24C32A [SOP8]       | (950)  |
| Fudan Microelect. | FM24C32A [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C32D              |        |
| Fudan Microelect. | FM24C32D (ISP)        | (138)  |
| Fudan Microelect. | FM24C32D [SOP8]       | (950)  |
| Fudan Microelect. | FM24C32D [TDFN8-2x3]  | (2995) |
| Fudan Microelect. | FM24C32D [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C512A             |        |
| Fudan Microelect. | FM24C512A (ISP)       | (138)  |
| Fudan Microelect. | FM24C512A [SOP8]      | (950)  |
| Fudan Microelect. | FM24C512A [TSSOP8]    | (121)  |
| Fudan Microelect. | FM24C512D             |        |
| Fudan Microelect. | FM24C512D (ISP)       | (138)  |
| Fudan Microelect. | FM24C512D [SOP8]      | (950)  |
| Fudan Microelect. | FM24C512D [TSSOP8]    | (121)  |
| Fudan Microelect. | FM24C512D [UDFN8-2x3] | (4538) |
| Fudan Microelect. | FM24C64A              |        |
| Fudan Microelect. | FM24C64A (ISP)        | (138)  |
| Fudan Microelect. | FM24C64A [SOP8]       | (950)  |
| Fudan Microelect. | FM24C64A [TSSOP8]     | (121)  |
| Fudan Microelect. | FM24C64D              |        |

|                   |                              |             |
|-------------------|------------------------------|-------------|
| Fudan Microelect. | FM24C64D (ISP)               | (138)       |
| Fudan Microelect. | FM24C64D [SOP8]              | (950)       |
| Fudan Microelect. | FM24C64D [TDFN8-2x3]         | (2995)      |
| Fudan Microelect. | FM24C64D [TSSOP8]            | (121)       |
| Fudan Microelect. | FM24NC128T1 (ISP)            | (138)       |
| Fudan Microelect. | FM24NC128T1 [SOP8]           | (950)       |
| Fudan Microelect. | FM24NC128T1 [TDFN8]          | (2995)      |
| Fudan Microelect. | FM24NC128T1 [TSSOP8]         | (121)       |
| Fudan Microelect. | FM24NC128T2 (ISP)            | (138)       |
| Fudan Microelect. | FM24NC128T2 [SOP8]           | (950)       |
| Fudan Microelect. | FM24NC128T2 [TDFN8]          | (2995)      |
| Fudan Microelect. | FM24NC128T2 [TSSOP8]         | (121)       |
| Fudan Microelect. | FM24NC128T3 (ISP)            | (138)       |
| Fudan Microelect. | FM24NC128T3 [SOP8]           | (950)       |
| Fudan Microelect. | FM24NC128T3 [TDFN8]          | (2995)      |
| Fudan Microelect. | FM24NC128T3 [TSSOP8]         | (121)       |
| Fudan Microelect. | FM24NC32T1 (ISP)             | (138)       |
| Fudan Microelect. | FM24NC32T1 [SOP8]            | (950)       |
| Fudan Microelect. | FM24NC32T1 [TSSOP8]          | (121)       |
| Fudan Microelect. | FM24NC32T1 [UDFN8-2x3]       | (4538)      |
| Fudan Microelect. | FM24NC32T3 (ISP)             | (138)       |
| Fudan Microelect. | FM24NC32T3 [SOP8]            | (950)       |
| Fudan Microelect. | FM24NC32T3 [TSSOP8]          | (121)       |
| Fudan Microelect. | FM24NC32T3 [UDFN8-2x3]       | (4538)      |
| Fudan Microelect. | FM25080                      |             |
| Fudan Microelect. | FM25080 (ISP)                | (138)       |
| Fudan Microelect. | FM25080 [SOP8]               | (950)       |
| Fudan Microelect. | FM25080 [TDFN8-2x3]          | (2995)      |
| Fudan Microelect. | FM25080 [TSSOP8]             | (121)       |
| Fudan Microelect. | FM25128 (ISP)                | (138)       |
| Fudan Microelect. | FM25128 [SOP8]               | (950)       |
| Fudan Microelect. | FM25128 [TSSOP8]             | (121)       |
| Fudan Microelect. | FM25128 [UDFN8-2x3]          | (4538)      |
| Fudan Microelect. | FM25160                      |             |
| Fudan Microelect. | FM25160 (ISP)                | (138)       |
| Fudan Microelect. | FM25160 [SOP8]               | (950)       |
| Fudan Microelect. | FM25160 [TDFN8-2x3]          | (2995)      |
| Fudan Microelect. | FM25160 [TSSOP8]             | (121)       |
| Fudan Microelect. | FM25256 (ISP)                | (138)       |
| Fudan Microelect. | FM25256 [SOP8]               | (950)       |
| Fudan Microelect. | FM25256 [TSSOP8]             | (121)       |
| Fudan Microelect. | FM25256 [UDFN8-2x3]          | (4538)      |
| Fudan Microelect. | FM25320                      |             |
| Fudan Microelect. | FM25320 (ISP)                | (138)       |
| Fudan Microelect. | FM25320 [SOP8]               | (950)       |
| Fudan Microelect. | FM25320 [TDFN8-2x3]          | (2995)      |
| Fudan Microelect. | FM25320 [TSSOP8]             | (121)       |
| Fudan Microelect. | FM25512 (ISP)                | (138)       |
| Fudan Microelect. | FM25512 [SOP8]               | (950)       |
| Fudan Microelect. | FM25512 [TSSOP8]             | (121)       |
| Fudan Microelect. | FM25512 [UDFN8-2x3]          | (4538)      |
| Fudan Microelect. | FM25640                      |             |
| Fudan Microelect. | FM25640 (ISP)                | (138)       |
| Fudan Microelect. | FM25640 [SOP8]               | (950)       |
| Fudan Microelect. | FM25640 [TDFN8-2x3]          | (2995)      |
| Fudan Microelect. | FM25640 [TSSOP8]             | (121)       |
| Fudan Microelect. | FM25F005 (ISP)               | (138)       |
| Fudan Microelect. | FM25F005 [SOP8-150]          | (3095) (*1) |
| Fudan Microelect. | FM25F005 [SOP8-200]          | (3088) (*1) |
| Fudan Microelect. | FM25F005 [TDFN8]             | (3935) (*1) |
| Fudan Microelect. | FM25F005 [TSSOP8]            | (1388)      |
| Fudan Microelect. | FM25F01 (ISP)                | (138)       |
| Fudan Microelect. | FM25F01 [SOP8-150]           | (3095) (*1) |
| Fudan Microelect. | FM25F01 [SOP8-200]           | (3088) (*1) |
| Fudan Microelect. | FM25F01 [TDFN8]              | (3935) (*1) |
| Fudan Microelect. | FM25F02 (ISP)                | (138)       |
| Fudan Microelect. | FM25F02 [SOP8-150]           | (3095) (*1) |
| Fudan Microelect. | FM25F02 [SOP8-200]           | (3088) (*1) |
| Fudan Microelect. | FM25F02 [TDFN8]              | (3935) (*1) |
| Fudan Microelect. | FM25F02A (ISP)               | (138)       |
| Fudan Microelect. | FM25F02A [SOP8-150]          | (3095) (*1) |
| Fudan Microelect. | FM25F02A [SOP8-200]          | (3088) (*1) |
| Fudan Microelect. | FM25F02A [TDFN8]             | (3935) (*1) |
| Fudan Microelect. | FM25F02A [TSSOP8]            | (1388)      |
| Fudan Microelect. | FM25F04 (ISP)                | (138)       |
| Fudan Microelect. | FM25F04 [SOP8-150]           | (3095) (*1) |
| Fudan Microelect. | FM25F04 [SOP8-200]           | (3088) (*1) |
| Fudan Microelect. | FM25F04 [TDFN8]              | (3935) (*1) |
| Fudan Microelect. | FM25F04A (ISP)               | (138)       |
| Fudan Microelect. | FM25F04A [SOP8-150]          | (3095) (*1) |
| Fudan Microelect. | FM25F04A [SOP8-200]          | (3088) (*1) |
| Fudan Microelect. | FM25F04A [TDFN8]             | (3935) (*1) |
| Fudan Microelect. | FM25F04A [TSSOP8]            | (1388)      |
| Fudan Microelect. | FM25G01 [TDFN8]              | (4914) (*1) |
| Fudan Microelect. | FM25G01A [TDFN8]             | (4914) (*1) |
| Fudan Microelect. | FM25G01B [TDFN8]             | (4914) (*1) |
| Fudan Microelect. | FM25G02 [TDFN8]              | (4914) (*1) |
| Fudan Microelect. | FM25G02A [TDFN8]             | (4914) (*1) |
| Fudan Microelect. | FM25G02B [BGA24]             | (3128)      |
| Fudan Microelect. | FM25G02B [TDFN8]             | (4914) (*1) |
| Fudan Microelect. | FM25G02C [TDFN8]             | (4914) (*1) |
| Fudan Microelect. | FM25G04C [TDFN8]             | (4914) (*1) |
| Fudan Microelect. | FM25LS01 [TDFN8]             | (4971)      |
| Fudan Microelect. | FM25Q02 [SOP8-150]           | (3094) (*1) |
| Fudan Microelect. | FM25Q02 [SOP8-200]           | (3087) (*1) |
| Fudan Microelect. | FM25Q04 [SOP8-150]           | (3094) (*1) |
| Fudan Microelect. | FM25Q04 [SOP8-200]           | (3087) (*1) |
| Fudan Microelect. | FM25Q04 [TSSOP8]             | (1388)      |
| Fudan Microelect. | FM25Q08 (ISP)                | (138)       |
| Fudan Microelect. | FM25Q08 [SOP8-150]           | (3095) (*1) |
| Fudan Microelect. | FM25Q08 [SOP8-200]           | (3088) (*1) |
| Fudan Microelect. | FM25Q08 [TDFN8]              | (3097) (*1) |
| Fudan Microelect. | FM25Q08A (ISP)               | (138)       |
| Fudan Microelect. | FM25Q08A [SOP8-150]          | (3095) (*1) |
| Fudan Microelect. | FM25Q08A [SOP8-200]          | (3088) (*1) |
| Fudan Microelect. | FM25Q08A [TDFN8]             | (3097) (*1) |
| Fudan Microelect. | FM25Q128 [SOP8-150]          | (3094) (*1) |
| Fudan Microelect. | FM25Q128 [SOP8-200]          | (3088) (*1) |
| Fudan Microelect. | FM25Q16 (ISP)                | (138)       |
| Fudan Microelect. | FM25Q16 [SOP8-150]           | (3095) (*1) |
| Fudan Microelect. | FM25Q16 [SOP8-200]           | (3088) (*1) |
| Fudan Microelect. | FM25Q16 [TDFN8]              | (3097) (*1) |
| Fudan Microelect. | FM25Q16A [SOP8-150]          | (3094) (*1) |
| Fudan Microelect. | FM25Q16A [SOP8-200]          | (3087) (*1) |
| Fudan Microelect. | FM25Q32 (ISP)                | (138)       |
| Fudan Microelect. | FM25Q32 (QuadSPI) [SOP8-150] | (3095) (*1) |
| Fudan Microelect. | FM25Q32 (QuadSPI) [SOP8-200] | (3088) (*1) |
| Fudan Microelect. | FM25Q32 (QuadSPI) [TDFN8]    | (3097) (*1) |
| Fudan Microelect. | FM25Q32 [SOP8-150]           | (3095) (*1) |
| Fudan Microelect. | FM25Q32 [SOP8-200]           | (3088) (*1) |
| Fudan Microelect. | FM25Q32 [TDFN8]              | (3097) (*1) |
| Fudan Microelect. | FM25Q64 [BGA24]              | (3128)      |
| Fudan Microelect. | FM25Q64 [SOP8-200]           | (3087) (*1) |
| Fudan Microelect. | FM25S01 [TDFN8]              | (4914) (*1) |
| Fudan Microelect. | FM25S01A [TDFN8]             | (4914) (*1) |
| Fudan Microelect. | FM25S02 [TDFN8]              | (4914) (*1) |
| Fudan Microelect. | FM25S02A [TDFN8]             | (4914) (*1) |
| Fudan Microelect. | FM25W01 [SOP8-150]           | (3094) (*1) |

|                   |                    |                      |                    |
|-------------------|--------------------|----------------------|--------------------|
| Fudan Microelect. | FM25w02            | [SOP8-150]           | (3094) (*1)        |
| Fudan Microelect. | FM25w04            | [SOP8-150]           | (3094) (*1)        |
| Fudan Microelect. | FM25w128           | [SOP8-208]           | (3087) (9999) (*1) |
| Fudan Microelect. | FM25w128           | [SOP8-208] (QuadSPI) | (3087) (9999) (*1) |
| Fudan Microelect. | FM25w16            | [SOP8-150]           | (3094) (*1)        |
| Fudan Microelect. | FM25w32            | [SOP8-150]           | (3094) (*1)        |
| Fudan Microelect. | FM25w32            | [SOP8-200]           | (3088) (*1)        |
| Fudan Microelect. | FM29G01C           | [TSOP48]             | (3075)             |
| Fudan Microelect. | FM29G04C           | [TSOP48]             | (3075)             |
| Fudan Microelect. | FM34C04D           | [SOP8]               | (950)              |
| Fudan Microelect. | FM34C04D           | [TDFN8-2x3]          | (2995)             |
| Fudan Microelect. | FM34C04D           | [TSSOP8]             | (121)              |
| Fudan Microelect. | FM93C46            | (x16)                |                    |
| Fudan Microelect. | FM93C46            | (x16) (ISP)          | (138)              |
| Fudan Microelect. | FM93C46            | (x16) [SOP8]         | (950)              |
| Fudan Microelect. | FM93C46            | (x16) [TDFN8]        | (2995)             |
| Fudan Microelect. | FM93C46            | (x16) [TSSOP8]       | (121)              |
| Fudan Microelect. | FM93C46            | (x8)                 |                    |
| Fudan Microelect. | FM93C46            | (x8) (ISP)           | (138)              |
| Fudan Microelect. | FM93C46            | (x8) [SOP8]          | (950)              |
| Fudan Microelect. | FM93C46            | (x8) [TDFN8]         | (2995)             |
| Fudan Microelect. | FM93C46            | (x8) [TSSOP8]        | (121)              |
| Fudan Microelect. | FM93C46A           | (x16)                |                    |
| Fudan Microelect. | FM93C46A           | (x16) (ISP)          | (138)              |
| Fudan Microelect. | FM93C46A           | (x16) [SOP8]         | (950)              |
| Fudan Microelect. | FM93C46A           | (x16) [TDFN8-3x2]    | (2995)             |
| Fudan Microelect. | FM93C46A           | (x16) [TSSOP8]       | (121)              |
| Fudan Microelect. | FM93C46A           | (x8)                 |                    |
| Fudan Microelect. | FM93C46A           | (x8) (ISP)           | (138)              |
| Fudan Microelect. | FM93C46A           | (x8) [SOP8]          | (950)              |
| Fudan Microelect. | FM93C46A           | (x8) [TDFN8-3x2]     | (2995)             |
| Fudan Microelect. | FM93C46A           | (x8) [TSSOP8]        | (121)              |
| Fudan Microelect. | FM93C56            | (x16)                |                    |
| Fudan Microelect. | FM93C56            | (x16) (ISP)          | (138)              |
| Fudan Microelect. | FM93C56            | (x16) [SOP8]         | (950)              |
| Fudan Microelect. | FM93C56            | (x16) [TDFN8]        | (2995)             |
| Fudan Microelect. | FM93C56            | (x16) [TSSOP8]       | (121)              |
| Fudan Microelect. | FM93C56            | (x8)                 |                    |
| Fudan Microelect. | FM93C56            | (x8) (ISP)           | (138)              |
| Fudan Microelect. | FM93C56            | (x8) [SOP8]          | (950)              |
| Fudan Microelect. | FM93C56            | (x8) [TDFN8]         | (2995)             |
| Fudan Microelect. | FM93C56            | (x8) [TSSOP8]        | (121)              |
| Fudan Microelect. | FM93C56A           | (x16)                |                    |
| Fudan Microelect. | FM93C56A           | (x16) (ISP)          | (138)              |
| Fudan Microelect. | FM93C56A           | (x16) [SOP8]         | (950)              |
| Fudan Microelect. | FM93C56A           | (x16) [TDFN8-3x2]    | (2995)             |
| Fudan Microelect. | FM93C56A           | (x16) [TSSOP8]       | (121)              |
| Fudan Microelect. | FM93C56A           | (x8)                 |                    |
| Fudan Microelect. | FM93C56A           | (x8) (ISP)           | (138)              |
| Fudan Microelect. | FM93C56A           | (x8) [SOP8]          | (950)              |
| Fudan Microelect. | FM93C56A           | (x8) [TDFN8-3x2]     | (2995)             |
| Fudan Microelect. | FM93C56A           | (x8) [TSSOP8]        | (121)              |
| Fudan Microelect. | FM93C66            | (x16)                |                    |
| Fudan Microelect. | FM93C66            | (x16) (ISP)          | (138)              |
| Fudan Microelect. | FM93C66            | (x16) [SOP8]         | (950)              |
| Fudan Microelect. | FM93C66            | (x16) [TDFN8]        | (2995)             |
| Fudan Microelect. | FM93C66            | (x16) [TSSOP8]       | (121)              |
| Fudan Microelect. | FM93C66            | (x8)                 |                    |
| Fudan Microelect. | FM93C66            | (x8) (ISP)           | (138)              |
| Fudan Microelect. | FM93C66            | (x8) [SOP8]          | (950)              |
| Fudan Microelect. | FM93C66            | (x8) [TDFN8]         | (2995)             |
| Fudan Microelect. | FM93C66            | (x8) [TSSOP8]        | (121)              |
| Fudan Microelect. | FM93C66A           | (x16)                |                    |
| Fudan Microelect. | FM93C66A           | (x16) (ISP)          | (138)              |
| Fudan Microelect. | FM93C66A           | (x16) [SOP8]         | (950)              |
| Fudan Microelect. | FM93C66A           | (x16) [TDFN8-3x2]    | (2995)             |
| Fudan Microelect. | FM93C66A           | (x16) [TSSOP8]       | (121)              |
| Fudan Microelect. | FM93C66A           | (x8)                 |                    |
| Fudan Microelect. | FM93C66A           | (x8) (ISP)           | (138)              |
| Fudan Microelect. | FM93C66A           | (x8) [SOP8]          | (950)              |
| Fudan Microelect. | FM93C66A           | (x8) [TDFN8-3x2]     | (2995)             |
| Fudan Microelect. | FM93C66A           | (x8) [TSSOP8]        | (121)              |
| Fudan Microelect. | JFM29F4G08R        | [TSOP48]             | (3075)             |
| Fujiitsu          | MB7111L            |                      |                    |
| Fujiitsu          | MB7111L            | [SOIC16]             | (1055)             |
| Fujiitsu          | MB7112L            |                      |                    |
| Fujiitsu          | MB7112L            | [SOIC16]             | (1055)             |
| Fujiitsu          | MB7114E            |                      |                    |
| Fujiitsu          | MB7114H            |                      |                    |
| Fujiitsu          | MB7114L            |                      |                    |
| Fujiitsu          | MB7122E            |                      |                    |
| Fujiitsu          | MB7122H            |                      |                    |
| Fujiitsu          | MB7122L            |                      |                    |
| Fujiitsu          | MB7122Y            |                      |                    |
| Fujiitsu          | MB7134E            |                      |                    |
| Fujiitsu          | MB84VD21181AxxPBS  | [FBGA69]             | (530)              |
| Fujiitsu          | MB84VD21182AxxPBS  | [FBGA69]             | (530)              |
| Fujiitsu          | MB84VD21183AxxPBS  | [FBGA69]             | (530)              |
| Fujiitsu          | MB84VD21184AxxPBS  | [FBGA69]             | (530)              |
| Fujiitsu          | MB84VD21191AxxPBS  | [FBGA69]             | (530)              |
| Fujiitsu          | MB84VD21192AxxPBS  | [FBGA69]             | (530)              |
| Fujiitsu          | MB84VD21193AxxPBS  | [FBGA69]             | (530)              |
| Fujiitsu          | MB84VD21194AxxPBS  | [FBGA69]             | (530)              |
| Fujiitsu          | MB84VD22181ECxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22181EExxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22182EBxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22182ECxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22182EExxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22183EBxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22183ECxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22183EExxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22184EBxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22184ECxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22184EExxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22191ECxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22191EExxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22192EBxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22192ECxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22192EExxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22193EBxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22193ECxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22193EExxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22194EBxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22194ECxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD22194EExxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD23180FMxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB84VD23381FJxxPBS | [FBGA65]             | (721)              |
| Fujiitsu          | MB84VD23381HJxxPBS | [FBGA56]             | (722)              |
| Fujiitsu          | MB84VD23481FJxxPBS | [FBGA65]             | (721)              |
| Fujiitsu          | MB84VD23581FJxxPBS | [FBGA65]             | (721)              |
| Fujiitsu          | MB84VP24491HKxxPBS | [FBGA73]             | (531)              |
| Fujiitsu          | MB8516             |                      |                    |
| Fujiitsu          | MB8516H            |                      |                    |
| Fujiitsu          | MB8518             |                      | (2)                |
| Fujiitsu          | MB85R1001A         | [TSOP48]             | (2796)             |
| Fujiitsu          | MB85R1002A         | [TSOP48]             | (2796)             |
| Fujiitsu          | MB85R2001          | [TSOP48]             | (2796)             |
| Fujiitsu          | MB85R2002          | [TSOP48]             | (2796)             |

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| Fujitsu | MB85R256 [SOP28]              | (53)   |
| Fujitsu | MB85R256A [SOP28]             | (53)   |
| Fujitsu | MB85R256H [SOP28]             | (53)   |
| Fujitsu | MB85R256H [TSOP28]            | (54)   |
| Fujitsu | MB85R4001A [TSOP48]           | (2796) |
| Fujitsu | MB85R4002A [TSOP48]           | (2796) |
| Fujitsu | MB85R4M2T [TSOP44]            | (149)  |
| Fujitsu | MB85RC04V [ISP]               | (138)  |
| Fujitsu | MB85RC04V [SOP8]              | (950)  |
| Fujitsu | MB85RC128 [ISP]               | (138)  |
| Fujitsu | MB85RC128 [SOP8]              | (950)  |
| Fujitsu | MB85RC128A [ISP]              | (138)  |
| Fujitsu | MB85RC128A [SOP8]             | (950)  |
| Fujitsu | MB85RC16 [ISP]                | (138)  |
| Fujitsu | MB85RC16 [SOP8]               | (950)  |
| Fujitsu | MB85RC16V [ISP]               | (138)  |
| Fujitsu | MB85RC16V [SOP8]              | (950)  |
| Fujitsu | MB85RC1MT [ISP]               | (138)  |
| Fujitsu | MB85RC1MT [SOP8-FPT-8P-M02]   | (950)  |
| Fujitsu | MB85RC256V [ISP]              | (138)  |
| Fujitsu | MB85RC256V [SOP8-FPT-8P-M02]  | (950)  |
| Fujitsu | MB85RC256V [SOP8-FPT-8P-M08]  | (46)   |
| Fujitsu | MB85RC512T [ISP]              | (138)  |
| Fujitsu | MB85RC512T [SOP8-FPT-8P-M02]  | (950)  |
| Fujitsu | MB85RC64 [ISP]                | (138)  |
| Fujitsu | MB85RC64 [SOP8]               | (950)  |
| Fujitsu | MB85RC64A [ISP]               | (138)  |
| Fujitsu | MB85RC64A [SOP8]              | (950)  |
| Fujitsu | MB85RC64TA [ISP]              | (138)  |
| Fujitsu | MB85RC64TA [SON8-LCC-8P-M04]  | (2995) |
| Fujitsu | MB85RC64TA [SOP8-FPT-8P-M09]  | (950)  |
| Fujitsu | MB85RC64V [ISP]               | (138)  |
| Fujitsu | MB85RC64V [SOP8]              | (950)  |
| Fujitsu | MB85RF402 [ISP]               | (138)  |
| Fujitsu | MB85RF402 [TSOP16]            | (1088) |
| Fujitsu | MB85RS128A [ISP]              | (138)  |
| Fujitsu | MB85RS128A [SOP8]             | (950)  |
| Fujitsu | MB85RS128B [ISP]              | (138)  |
| Fujitsu | MB85RS128B [SOP8]             | (950)  |
| Fujitsu | MB85RS128TY [ISP]             | (138)  |
| Fujitsu | MB85RS128TY [SOP8-FPT-8P-M10] | (950)  |
| Fujitsu | MB85RS16 [ISP]                | (138)  |
| Fujitsu | MB85RS16 [SON8-LCC-8P-M04]    | (2995) |
| Fujitsu | MB85RS16 [SOP8]               | (950)  |
| Fujitsu | MB85RS16N [ISP]               | (138)  |
| Fujitsu | MB85RS16N [SON8-LCC-8P-M04]   | (2995) |
| Fujitsu | MB85RS16N [SOP8-FPT-8P-M02]   | (950)  |
| Fujitsu | MB85RS1MT [ISP]               | (138)  |
| Fujitsu | MB85RS1MT [SOP8]              | (950)  |
| Fujitsu | MB85RS256 [ISP]               | (138)  |
| Fujitsu | MB85RS256 [SOP8]              | (950)  |
| Fujitsu | MB85RS256A [ISP]              | (138)  |
| Fujitsu | MB85RS256A [SOP8]             | (950)  |
| Fujitsu | MB85RS256B [ISP]              | (138)  |
| Fujitsu | MB85RS256B [SOP8]             | (950)  |
| Fujitsu | MB85RS256TY [ISP]             | (138)  |
| Fujitsu | MB85RS256TY [SOP8-FPT-8P-M10] | (950)  |
| Fujitsu | MB85RS2MT                     |        |
| Fujitsu | MB85RS2MT [SOP8]              | (950)  |
| Fujitsu | MB85RS512T [ISP]              | (138)  |
| Fujitsu | MB85RS512T [SOP8-FPT-8P-M02]  | (950)  |
| Fujitsu | MB85RS64 [ISP]                | (138)  |
| Fujitsu | MB85RS64 [SOP8]               | (950)  |
| Fujitsu | MB85RS64A [ISP]               | (138)  |
| Fujitsu | MB85RS64A [SOP8]              | (950)  |
| Fujitsu | MB85RS64T [ISP]               | (138)  |
| Fujitsu | MB85RS64T [SON8-LCC-8P-M04]   | (2995) |
| Fujitsu | MB85RS64T [SOP8-FPT-8P-M02]   | (950)  |
| Fujitsu | MB85RS64V [ISP]               | (138)  |
| Fujitsu | MB85RS64V [SOP8]              | (950)  |
| Fujitsu | MB85RS64VY [ISP]              | (138)  |
| Fujitsu | MB85RS64VY [SOP8-FPT-8P-M10]  | (950)  |
| Fujitsu | MB89133APFM [QFP48]           | (329)  |
| Fujitsu | MB89F202RAP-G-SH [SDIP32]     | (2335) |
| Fujitsu | MB89F202RAP-SH [SDIP32]       | (2335) |
| Fujitsu | MB89F202RAYPFV [SSOP34]       | (2336) |
| Fujitsu | MB89F538-101PF [QFP64]        | (4054) |
| Fujitsu | MB89P131PFM [QFP48]           | (329)  |
| Fujitsu | MB89P135APFM [QFP48]          | (329)  |
| Fujitsu | MB89P147V1PF [QFP64]          | (331)  |
| Fujitsu | MB89P147V1P-SH [SDIP64]       | (330)  |
| Fujitsu | MB89P155APF [QFP80]           | (332)  |
| Fujitsu | MB89P155APFM [QFP80]          | (333)  |
| Fujitsu | MB89P155APFV [LQFP80]         | (334)  |
| Fujitsu | MB89P165PF [QFP80]            | (332)  |
| Fujitsu | MB89P165PFM [QFP80]           | (333)  |
| Fujitsu | MB89P165PFV [LQFP80]          | (334)  |
| Fujitsu | MB89P173PF [QFP48]            | (347)  |
| Fujitsu | MB89P175APF [QFP48]           | (347)  |
| Fujitsu | MB89P185PF [QFP64]            | (336)  |
| Fujitsu | MB89P185PFM [QFP64]           | (335)  |
| Fujitsu | MB89P195AP                    | (337)  |
| Fujitsu | MB89P195APF [SOP28]           | (338)  |
| Fujitsu | MB89P195P                     | (337)  |
| Fujitsu | MB89P195PF [SOP28]            | (338)  |
| Fujitsu | MB89P538 [BCC64]              | (339)  |
| Fujitsu | MB89P538 [QFP64-0.65mm]       | (144)  |
| Fujitsu | MB89P538 [QFP64-1.0mm]        | (143)  |
| Fujitsu | MB89P538 [SDIP64]             | (145)  |
| Fujitsu | MB89P558APFT [TQFP100]        | (341)  |
| Fujitsu | MB89P558APFV [LQFP100]        | (340)  |
| Fujitsu | MB89P568PF [QFP80]            | (343)  |
| Fujitsu | MB89P568PFM [QFP80]           | (344)  |
| Fujitsu | MB89P568PFV [LQFP80]          | (342)  |
| Fujitsu | MB89P585BPFV [QFP64]          | (345)  |
| Fujitsu | MB89P585BPFV [LQFP64]         | (345)  |
| Fujitsu | MB89P589BPFM [LQFP64]         | (346)  |
| Fujitsu | MB89P601PFV [LQFP48]          | (347)  |
| Fujitsu | MB89P625PF [QFP64]            | (349)  |
| Fujitsu | MB89P625PFM [QFP64]           | (348)  |
| Fujitsu | MB89P625P-SH [SDIP64]         | (146)  |
| Fujitsu | MB89P627PF [QFP64]            | (349)  |
| Fujitsu | MB89P627PFM [QFP64]           | (348)  |
| Fujitsu | MB89P627P-SH [SDIP64]         | (146)  |
| Fujitsu | MB89P637 [SDIP64]             | (146)  |
| Fujitsu | MB89P637PF [QFP64]            | (349)  |
| Fujitsu | MB89P637P-SH [SDIP64]         | (146)  |
| Fujitsu | MB89P647PF [QFP80]            | (350)  |
| Fujitsu | MB89P647PFM [QFP80]           | (351)  |
| Fujitsu | MB89P657APF [QFP100]          | (353)  |
| Fujitsu | MB89P657APFV [LQFP100]        | (352)  |
| Fujitsu | MB89P665PF [QFP64]            | (349)  |
| Fujitsu | MB89P665P-SH [SDIP64]         | (146)  |
| Fujitsu | MB89P677APF [QFP80]           | (350)  |
| Fujitsu | MB89P677PFM [QFP80]           | (351)  |
| Fujitsu | MB89P689PF [QFP100]           | (355)  |
| Fujitsu | MB89P817APF [QFP64]           | (349)  |
| Fujitsu | MB89P825PF [QFP80]            | (356)  |

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| Fujitsu | MB89P857PF [QFP64]       | (349)  |
| Fujitsu | MB89P857P-SH [SDIP64]    | (146)  |
| Fujitsu | MB89P899PF [QFP100]      | (355)  |
| Fujitsu | MB89P915P-SH [SDIP48]    | (329)  |
| Fujitsu | MB89P928 [QFP80]         | (179)  |
| Fujitsu | MB89P945PF [QFP48]       | (357)  |
| Fujitsu | MB89P955PFM [QFP64]      | (358)  |
| Fujitsu | MB89P965APF [QFP48]      | (361)  |
| Fujitsu | MB89P965APFM [QFP48]     | (360)  |
| Fujitsu | MB89P965APFV1 [LQFP48]   | (359)  |
| Fujitsu | MB89W665 [SDIP64]        | (354)  |
| Fujitsu | MB89W857CF [QFP64]       | (354)  |
| Fujitsu | MB90F342APF [QFP100]     | (1110) |
| Fujitsu | MB90F342APFV [LQFP100]   | (761)  |
| Fujitsu | MB90F342ASPF [QFP100]    | (1110) |
| Fujitsu | MB90F342ASPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F342CAPF [QFP100]    | (1110) |
| Fujitsu | MB90F342CAPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F342CASPF [QFP100]   | (1110) |
| Fujitsu | MB90F342CASPFV [LQFP100] | (761)  |
| Fujitsu | MB90F342CASPMC [LQFP100] | (761)  |
| Fujitsu | MB90F342CEPMC [LQFP100]  | (761)  |
| Fujitsu | MB90F342CESPMC [LQFP100] | (761)  |
| Fujitsu | MB90F342CPF [QFP100]     | (1110) |
| Fujitsu | MB90F342CPFV [LQFP100]   | (761)  |
| Fujitsu | MB90F342CSPF [QFP100]    | (1110) |
| Fujitsu | MB90F342CSPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F342EPMC [LQFP100]   | (761)  |
| Fujitsu | MB90F342ESPMC [LQFP100]  | (761)  |
| Fujitsu | MB90F342PF [QFP100]      | (1110) |
| Fujitsu | MB90F342PFV [LQFP100]    | (761)  |
| Fujitsu | MB90F342SPF [QFP100]     | (1110) |
| Fujitsu | MB90F342SPFV [LQFP100]   | (761)  |
| Fujitsu | MB90F345APF [QFP100]     | (1110) |
| Fujitsu | MB90F345APFV [LQFP100]   | (761)  |
| Fujitsu | MB90F345ASPF [QFP100]    | (1110) |
| Fujitsu | MB90F345ASPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F345CAPF [QFP100]    | (1110) |
| Fujitsu | MB90F345CAPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F345CASPF [QFP100]   | (1110) |
| Fujitsu | MB90F345CASPFV [LQFP100] | (761)  |
| Fujitsu | MB90F345CEPF [QFP100]    | (1110) |
| Fujitsu | MB90F345CEPMC [LQFP100]  | (761)  |
| Fujitsu | MB90F345CESPF [QFP100]   | (1110) |
| Fujitsu | MB90F345CESPMC [LQFP100] | (761)  |
| Fujitsu | MB90F345CPF [QFP100]     | (1110) |
| Fujitsu | MB90F345CPFV [LQFP100]   | (761)  |
| Fujitsu | MB90F345CSPF [QFP100]    | (1110) |
| Fujitsu | MB90F345CSPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F345EPF [QFP100]     | (1110) |
| Fujitsu | MB90F345EPMC [LQFP100]   | (761)  |
| Fujitsu | MB90F345ESPF [QFP100]    | (1110) |
| Fujitsu | MB90F345ESPMC [LQFP100]  | (761)  |
| Fujitsu | MB90F345PF [QFP100]      | (1110) |
| Fujitsu | MB90F345PFV [LQFP100]    | (761)  |
| Fujitsu | MB90F345SPF [QFP100]     | (1110) |
| Fujitsu | MB90F345SPFV [LQFP100]   | (761)  |
| Fujitsu | MB90F346APF [QFP100]     | (1110) |
| Fujitsu | MB90F346APFV [LQFP100]   | (761)  |
| Fujitsu | MB90F346ASPF [QFP100]    | (1110) |
| Fujitsu | MB90F346ASPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F346CAPF [QFP100]    | (1110) |
| Fujitsu | MB90F346CAPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F346CASPF [QFP100]   | (1110) |
| Fujitsu | MB90F346CASPFV [LQFP100] | (761)  |
| Fujitsu | MB90F346CPF [QFP100]     | (1110) |
| Fujitsu | MB90F346CPFV [LQFP100]   | (761)  |
| Fujitsu | MB90F346CSPF [QFP100]    | (1110) |
| Fujitsu | MB90F346CSPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F346PF [QFP100]      | (1110) |
| Fujitsu | MB90F346PFV [LQFP100]    | (761)  |
| Fujitsu | MB90F346SPF [QFP100]     | (1110) |
| Fujitsu | MB90F346SPFV [LQFP100]   | (761)  |
| Fujitsu | MB90F347APF [QFP100]     | (1110) |
| Fujitsu | MB90F347APFV [LQFP100]   | (761)  |
| Fujitsu | MB90F347ASPF [QFP100]    | (1110) |
| Fujitsu | MB90F347ASPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F347CAPF [QFP100]    | (1110) |
| Fujitsu | MB90F347CAPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F347CASPF [QFP100]   | (1110) |
| Fujitsu | MB90F347CASPFV [LQFP100] | (761)  |
| Fujitsu | MB90F347CPF [QFP100]     | (1110) |
| Fujitsu | MB90F347CPFV [LQFP100]   | (761)  |
| Fujitsu | MB90F347CSPF [QFP100]    | (1110) |
| Fujitsu | MB90F347CSPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F347PF [QFP100]      | (1110) |
| Fujitsu | MB90F347PFV [LQFP100]    | (761)  |
| Fujitsu | MB90F347SPF [QFP100]     | (1110) |
| Fujitsu | MB90F347SPFV [LQFP100]   | (761)  |
| Fujitsu | MB90F349APF [QFP100]     | (1110) |
| Fujitsu | MB90F349APFV [LQFP100]   | (761)  |
| Fujitsu | MB90F349ASPF [QFP100]    | (1110) |
| Fujitsu | MB90F349ASPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F349CAPF [QFP100]    | (1110) |
| Fujitsu | MB90F349CAPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F349CASPF [QFP100]   | (1110) |
| Fujitsu | MB90F349CASPFV [LQFP100] | (761)  |
| Fujitsu | MB90F349CASPMC [LQFP100] | (761)  |
| Fujitsu | MB90F349CEPMC [LQFP100]  | (761)  |
| Fujitsu | MB90F349CESPMC [LQFP100] | (761)  |
| Fujitsu | MB90F349CPF [QFP100]     | (1110) |
| Fujitsu | MB90F349CPFV [LQFP100]   | (761)  |
| Fujitsu | MB90F349CSPF [QFP100]    | (1110) |
| Fujitsu | MB90F349CSPFV [LQFP100]  | (761)  |
| Fujitsu | MB90F349EPMC [LQFP100]   | (761)  |
| Fujitsu | MB90F349ESPMC [LQFP100]  | (761)  |
| Fujitsu | MB90F349PF [QFP100]      | (1110) |
| Fujitsu | MB90F349PFV [LQFP100]    | (761)  |
| Fujitsu | MB90F349SPF [QFP100]     | (1110) |
| Fujitsu | MB90F349SPFV [LQFP100]   | (761)  |
| Fujitsu | MB90F351EPMC [LQFP64]    | (2267) |
| Fujitsu | MB90F351EPMC1 [LQFP64]   | (2586) |
| Fujitsu | MB90F351ESPMC [LQFP64]   | (2267) |
| Fujitsu | MB90F351ESPMC1 [LQFP64]  | (2586) |
| Fujitsu | MB90F351TEPMC [LQFP64]   | (2267) |
| Fujitsu | MB90F351TEPMC1 [LQFP64]  | (2586) |
| Fujitsu | MB90F351TESPMC [LQFP64]  | (2267) |
| Fujitsu | MB90F351TESPMC1 [LQFP64] | (2586) |
| Fujitsu | MB90F352APMC [LQFP64]    | (2267) |
| Fujitsu | MB90F352ASPMC [LQFP64]   | (2267) |
| Fujitsu | MB90F352EPMC [LQFP64]    | (2267) |
| Fujitsu | MB90F352EPMC1 [LQFP64]   | (2586) |
| Fujitsu | MB90F352ESPMC [LQFP64]   | (2267) |
| Fujitsu | MB90F352ESPMC1 [LQFP64]  | (2586) |
| Fujitsu | MB90F352PFM [LQFP64]     | (2267) |
| Fujitsu | MB90F352SPFM [LQFP64]    | (2267) |
| Fujitsu | MB90F352TAPMC [LQFP64]   | (2267) |

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| Fujitsu | MB90F352TASPMC [LQFP64]  | (2267) |
| Fujitsu | MB90F352TEPMC [LQFP64]   | (2267) |
| Fujitsu | MB90F352TEPMC1 [LQFP64]  | (2586) |
| Fujitsu | MB90F352TESPMC [LQFP64]  | (2267) |
| Fujitsu | MB90F352TESPMC1 [LQFP64] | (2586) |
| Fujitsu | MB90F356EPMC [LQFP64]    | (2267) |
| Fujitsu | MB90F356EPMC1 [LQFP64]   | (2586) |
| Fujitsu | MB90F356ESPMC [LQFP64]   | (2267) |
| Fujitsu | MB90F356ESPMC1 [LQFP64]  | (2586) |
| Fujitsu | MB90F356TEPMC [LQFP64]   | (2267) |
| Fujitsu | MB90F356TEPMC1 [LQFP64]  | (2586) |
| Fujitsu | MB90F356TESPMC [LQFP64]  | (2267) |
| Fujitsu | MB90F356TESPMC1 [LQFP64] | (2586) |
| Fujitsu | MB90F357APMC [LQFP64]    | (2267) |
| Fujitsu | MB90F357ASPMC [LQFP64]   | (2267) |
| Fujitsu | MB90F357EPMC [LQFP64]    | (2267) |
| Fujitsu | MB90F357EPMC1 [LQFP64]   | (2586) |
| Fujitsu | MB90F357ESPMC [LQFP64]   | (2267) |
| Fujitsu | MB90F357ESPMC1 [LQFP64]  | (2586) |
| Fujitsu | MB90F357TAPMC [LQFP64]   | (2267) |
| Fujitsu | MB90F357TASPMC [LQFP64]  | (2267) |
| Fujitsu | MB90F357TEPMC [LQFP64]   | (2267) |
| Fujitsu | MB90F357TEPMC1 [LQFP64]  | (2586) |
| Fujitsu | MB90F357TESPMC [LQFP64]  | (2267) |
| Fujitsu | MB90F357TESPMC1 [LQFP64] | (2586) |
| Fujitsu | MB90F362EPMT [LQFP48]    | (174)  |
| Fujitsu | MB90F362ESPMT [LQFP48]   | (174)  |
| Fujitsu | MB90F362TEPMT [LQFP48]   | (174)  |
| Fujitsu | MB90F362TESPMT [LQFP48]  | (174)  |
| Fujitsu | MB90F367EPMT [LQFP48]    | (2585) |
| Fujitsu | MB90F367ESPMT [LQFP48]   | (2585) |
| Fujitsu | MB90F367TEPMT [LQFP48]   | (2585) |
| Fujitsu | MB90F367TESPMT [LQFP48]  | (2585) |
| Fujitsu | MB90F387PMT [LQFP48]     | (2585) |
| Fujitsu | MB90F387SPMT [LQFP48]    | (174)  |
| Fujitsu | MB90F394H [LQFP120]      | (2579) |
| Fujitsu | MB90F394HA [LQFP120]     | (2579) |
| Fujitsu | MB90F395H [LQFP120]      | (2579) |
| Fujitsu | MB90F395HA [LQFP120]     | (2579) |
| Fujitsu | MB90F423GAPF [QFP100]    | (941)  |
| Fujitsu | MB90F423GCPF [QFP100]    | (941)  |
| Fujitsu | MB90F428GAPF [QFP100]    | (941)  |
| Fujitsu | MB90F428GCPF [QFP100]    | (941)  |
| Fujitsu | MB90F438LPF [QFP100]     | (2671) |
| Fujitsu | MB90F438LPFR [QFP100]    | (2671) |
| Fujitsu | MB90F438LSPF [QFP100]    | (2671) |
| Fujitsu | MB90F438LSPFR [QFP100]   | (2671) |
| Fujitsu | MB90F439PF [QFP100]      | (2671) |
| Fujitsu | MB90F439PFR [QFP100]     | (2671) |
| Fujitsu | MB90F439SPF [QFP100]     | (2671) |
| Fujitsu | MB90F439SPFR [QFP100]    | (2671) |
| Fujitsu | MB90F455PMT [LQFP48]     | (2585) |
| Fujitsu | MB90F455SPMT [LQFP48]    | (174)  |
| Fujitsu | MB90F456PMT [LQFP48]     | (2585) |
| Fujitsu | MB90F456SPMT [LQFP48]    | (174)  |
| Fujitsu | MB90F457PMT [LQFP48]     | (2585) |
| Fujitsu | MB90F457SPMT [LQFP48]    | (174)  |
| Fujitsu | MB90F462A (ISP)          | (138)  |
| Fujitsu | MB90F462APF [QFP64]      | (629)  |
| Fujitsu | MB90F462APFM [LQFP64]    | (628)  |
| Fujitsu | MB90F462AP-SH [SDIP64]   | (630)  |
| Fujitsu | MB90F462PF [QFP64]       | (629)  |
| Fujitsu | MB90F462PFM [LQFP64]     | (628)  |
| Fujitsu | MB90F462P-SH [SDIP64]    | (630)  |
| Fujitsu | MB90F482PF [QFP100]      | (2630) |
| Fujitsu | MB90F482PFV [LQFP100]    | (2631) |
| Fujitsu | MB90F497GPF [QFP64]      | (629)  |
| Fujitsu | MB90F497GPFM [LQFP64]    | (628)  |
| Fujitsu | MB90F497GPMC [LQFP64]    | (628)  |
| Fujitsu | MB90F498GPF [QFP64]      | (629)  |
| Fujitsu | MB90F498GPFM [LQFP64]    | (628)  |
| Fujitsu | MB90F498GPMC [LQFP64]    | (628)  |
| Fujitsu | MB90F543GPF [QFP100]     | (941)  |
| Fujitsu | MB90F543GSPF [QFP100]    | (941)  |
| Fujitsu | MB90F543PF [QFP100]      | (941)  |
| Fujitsu | MB90F546GPF [QFP100]     | (941)  |
| Fujitsu | MB90F546GPFV [LQFP100]   | (607)  |
| Fujitsu | MB90F546GSPF [QFP100]    | (941)  |
| Fujitsu | MB90F546GSPFV [LQFP100]  | (607)  |
| Fujitsu | MB90F548GHDS [QFP100]    | (2671) |
| Fujitsu | MB90F548LPF [QFP100]     | (941)  |
| Fujitsu | MB90F548GLSPF [QFP100]   | (941)  |
| Fujitsu | MB90F548GPF [QFP100]     | (941)  |
| Fujitsu | MB90F548GSPF [QFP100]    | (941)  |
| Fujitsu | MB90F548GSPMC [LQFP100]  | (607)  |
| Fujitsu | MB90F549GPF [QFP100]     | (941)  |
| Fujitsu | MB90F549GSPF [QFP100]    | (941)  |
| Fujitsu | MB90F553APF [QFP100]     | (2671) |
| Fujitsu | MB90F562BP [SDIP64]      | (630)  |
| Fujitsu | MB90F562BPF [QFP64]      | (629)  |
| Fujitsu | MB90F562BPFM [LQFP64]    | (628)  |
| Fujitsu | MB90F562BPMC [LQFP64]    | (628)  |
| Fujitsu | MB90F562LP [SDIP64]      | (630)  |
| Fujitsu | MB90F562LPFM [LQFP64]    | (628)  |
| Fujitsu | MB90F562P [SDIP64]       | (630)  |
| Fujitsu | MB90F562PF [QFP64]       | (629)  |
| Fujitsu | MB90F562PFM [LQFP64]     | (628)  |
| Fujitsu | MB90F591APF [QFP100]     | (941)  |
| Fujitsu | MB90F591GPF [QFP100]     | (941)  |
| Fujitsu | MB90F591PF [QFP100]      | (941)  |
| Fujitsu | MB90F594APF [QFP100]     | (941)  |
| Fujitsu | MB90F594GPF [QFP100]     | (941)  |
| Fujitsu | MB90F594PF [QFP100]      | (941)  |
| Fujitsu | MB90F598GPF [QFP100]     | (941)  |
| Fujitsu | MB90F598PF [QFP100]      | (941)  |
| Fujitsu | MB90F804-101PF [QFP100]  | (2755) |
| Fujitsu | MB90F804-201PF [QFP100]  | (2755) |
| Fujitsu | MB90F823APF [QFP80]      | (2887) |
| Fujitsu | MB90F823BPMC1 [LQFP80]   | (4042) |
| Fujitsu | MB90F867EPF [QFP100]     | (738)  |
| Fujitsu | MB90F867EPMC [LQFP100]   | (761)  |
| Fujitsu | MB90F867ESPF [QFP100]    | (738)  |
| Fujitsu | MB90F867ESPMC [LQFP100]  | (761)  |
| Fujitsu | MB90F947APF [QFP100]     | (738)  |
| Fujitsu | MB90F947PF [QFP100]      | (738)  |
| Fujitsu | MB90F949APF [QFP100]     | (738)  |
| Fujitsu | MB90F949PF [QFP100]      | (738)  |
| Fujitsu | MB90F962PMT [LQFP48]     | (2585) |
| Fujitsu | MB90F962SPMT [LQFP48]    | (2585) |
| Fujitsu | MB90F967PMT [LQFP48]     | (2585) |
| Fujitsu | MB90F967SPMT [LQFP48]    | (2585) |
| Fujitsu | MB90P214BPF [QFP80]      | (370)  |
| Fujitsu | MB90P214PF [QFP80]       | (370)  |
| Fujitsu | MB90P224BPF [QFP120]     | (371)  |
| Fujitsu | MB90P224PF [QFP120]      | (371)  |
| Fujitsu | MB90P623APFV [LQFP100]   | (362)  |
| Fujitsu | MB90P634APFV [LQFP100]   | (362)  |
| Fujitsu | MB90P641APF [QFP100]     | (364)  |

|          |                               |              |
|----------|-------------------------------|--------------|
| Fujiitsu | MB90P641APFV [LQFP100]        | (363)        |
| Fujiitsu | MB90P653APF [QFP100]          | (365)        |
| Fujiitsu | MB90P653APFV [LQFP100]        | (362)        |
| Fujiitsu | MB90P663AP [SDIP64]           | (366)        |
| Fujiitsu | MB90P663APF [QFP64]           | (367)        |
| Fujiitsu | MB90P673PF [QFP80]            | (369)        |
| Fujiitsu | MB90P673PFV [LQFP80]          | (368)        |
| Fujiitsu | MB90P678PF [QFP100]           | (365)        |
| Fujiitsu | MB90P678PFV [LQFP100]         | (362)        |
| Fujiitsu | MB91F109PF [QFP100]           | (4600)       |
| Fujiitsu | MB91F362GAPFVS [QFP208]       | (5034)       |
| Fujiitsu | MB91F362GBPFVS [QFP208]       | (5034)       |
| Fujiitsu | MB91F366GAPMT [LQFP120]       | (1220)       |
| Fujiitsu | MB91F366GBPMT [LQFP120]       | (1220)       |
| Fujiitsu | MB91F368GBPMT [LQFP120]       | (1220)       |
| Fujiitsu | MB91F369GAPQS1 [QFP160]       | (4834)       |
| Fujiitsu | MB91F376GPMT [LQFP120]        | (1246)       |
| Fujiitsu | MB91F376GSPMC3 [LQFP120]      | (1246)       |
| Fujiitsu | MB91F467DAPFV [QFP208]        | (2285)       |
| Fujiitsu | MB91F467DBPFV [QFP208]        | (2285)       |
| Fujiitsu | MB91F482 (ISP)                | (138)        |
| Fujiitsu | MB91F575BHPMC [LQFP144]       | (4344)       |
| Fujiitsu | MB91F575BHSPMC [LQFP144]      | (4344)       |
| Fujiitsu | MB91F575BHSPMC1 [LQFP144]     | (4343)       |
| Fujiitsu | MB91F575BPMC [LQFP144]        | (4344)       |
| Fujiitsu | MB91F575BSPMC [LQFP144]       | (4344)       |
| Fujiitsu | MB91F575BSPMC1 [LQFP144]      | (4343)       |
| Fujiitsu | MB91F575CHPMC [LQFP144]       | (4344)       |
| Fujiitsu | MB91F575CHSBPMC [LQFP144]     | (4344)       |
| Fujiitsu | MB91F575CPMC [LQFP144]        | (4344)       |
| Fujiitsu | MB91F575CSPMC [LQFP144]       | (4344)       |
| Fujiitsu | MB91F577BHPMC [LQFP144]       | (4344)       |
| Fujiitsu | MB91F577BHSPMC [LQFP144]      | (4344)       |
| Fujiitsu | MB91F577BHSPMC1 [LQFP144]     | (4343)       |
| Fujiitsu | MB91F577BPMC [LQFP144]        | (4344)       |
| Fujiitsu | MB91F577BSPMC [LQFP144]       | (4344)       |
| Fujiitsu | MB91F577BSPMC1 [LQFP144]      | (4343)       |
| Fujiitsu | MB91F577CHPMC [LQFP144]       | (4344)       |
| Fujiitsu | MB91F577CHSPMC [LQFP144]      | (4344)       |
| Fujiitsu | MB91F577CPMC [LQFP144]        | (4344)       |
| Fujiitsu | MB91F577CSPMC [LQFP144]       | (4344)       |
| Fujiitsu | MB91F578CHPMC [LQFP144]       | (4344)       |
| Fujiitsu | MB91F578CHPMC1 [LQFP144]      | (4343)       |
| Fujiitsu | MB91F578CHSPMC [LQFP144]      | (4344)       |
| Fujiitsu | MB91F578CHSPMC1 [LQFP144]     | (4343)       |
| Fujiitsu | MB91F578CPMC [LQFP144]        | (4344)       |
| Fujiitsu | MB91F578CPMC1 [LQFP144]       | (4343)       |
| Fujiitsu | MB91F578CSPMC [LQFP144]       | (4344)       |
| Fujiitsu | MB91F578CSPMC1 [LQFP144]      | (4343)       |
| Fujiitsu | MB91F579CHPMC [LQFP144]       | (4344)       |
| Fujiitsu | MB91F579CHPMC1 [LQFP144]      | (4343)       |
| Fujiitsu | MB91F579CHSPMC [LQFP144]      | (4344)       |
| Fujiitsu | MB91F579CHSPMC1 [LQFP144]     | (4343)       |
| Fujiitsu | MB91F579CPMC [LQFP144]        | (4344)       |
| Fujiitsu | MB91F579CPMC1 [LQFP144]       | (4343)       |
| Fujiitsu | MB91F579CSPMC [LQFP144]       | (4344)       |
| Fujiitsu | MB91F579CSPMC1 [LQFP144]      | (4343)       |
| Fujiitsu | MB95F108AHSPFM [LQFP64]       | (1018)       |
| Fujiitsu | MB95F108AHSPFV (CS1) [LQFP64] | (1019)       |
| Fujiitsu | MB95F108AHSPFV [LQFP64]       | (1019)       |
| Fujiitsu | MB95F108AHWPFM [LQFP64]       | (1018)       |
| Fujiitsu | MB95F108AHWPFV [LQFP64]       | (1019)       |
| Fujiitsu | MB95F108AJSPFM [LQFP64]       | (1018)       |
| Fujiitsu | MB95F108AKSPFM [LQFP64]       | (1018)       |
| Fujiitsu | MB95F108AKSPFV [LQFP64]       | (1019)       |
| Fujiitsu | MB95F108AKWPFM (CS1) [LQFP64] | (1018)       |
| Fujiitsu | MB95F108AKWPFM [LQFP64]       | (1018)       |
| Fujiitsu | MB95F108AKWPFV [LQFP64]       | (1019)       |
| Fujiitsu | MB95F108ATSPFM [LQFP64]       | (1018)       |
| Fujiitsu | MB95F108ATSPFV [LQFP64]       | (1019)       |
| Fujiitsu | MB95F108ATWPFM [LQFP64]       | (1018)       |
| Fujiitsu | MB95F108ATWPFV [LQFP64]       | (1019)       |
| Fujiitsu | MB95F116JSPMC [LQFP52]        | (2403)       |
| Fujiitsu | MB95F116JWPMC [LQFP52]        | (2403)       |
| Fujiitsu | MB95F116MASPMC [LQFP52]       | (2403)       |
| Fujiitsu | MB95F116MAWPMC [LQFP52]       | (2403)       |
| Fujiitsu | MB95F116MSPMC [LQFP52]        | (2403)       |
| Fujiitsu | MB95F116MWPMC [LQFP52]        | (2403)       |
| Fujiitsu | MB95F116NASPMC [LQFP52]       | (2403)       |
| Fujiitsu | MB95F116NAWPMC [LQFP52]       | (2403)       |
| Fujiitsu | MB95F116NSPMC [LQFP52]        | (2403)       |
| Fujiitsu | MB95F116NWPMC [LQFP52]        | (2403)       |
| Fujiitsu | MB95F118ASPMT [LQFP48]        | (2587)       |
| Fujiitsu | MB95F118ASPV2 [QFN48]         | (2588)       |
| Fujiitsu | MB95F118AWPMT [LQFP48]        | (2587)       |
| Fujiitsu | MB95F118AWPV2 [QFN48]         | (2588)       |
| Fujiitsu | MB95F118BSPMT [LQFP48]        | (2587)       |
| Fujiitsu | MB95F118BSPV2 [QFN48]         | (2588)       |
| Fujiitsu | MB95F118BWPMT [LQFP48]        | (2587)       |
| Fujiitsu | MB95F118BWPV2 [QFN48]         | (2588)       |
| Fujiitsu | MB95F118JSPMC [LQFP52]        | (2403)       |
| Fujiitsu | MB95F118JWPMC [LQFP52]        | (2403)       |
| Fujiitsu | MB95F118MSPMC [LQFP52]        | (2403)       |
| Fujiitsu | MB95F118MWPMC [LQFP52]        | (2403)       |
| Fujiitsu | MB95F118NSPMC [LQFP52]        | (2403)       |
| Fujiitsu | MB95F118NWPMC [LQFP52]        | (2403)       |
| Fujiitsu | MB95F128JBPMC [LQFP100]       | (1166)       |
| Fujiitsu | MB95F128MBPMC [LQFP100]       | (1166)       |
| Fujiitsu | MB95F128NBPMC [LQFP100]       | (1166)       |
| Fujiitsu | MB95F136 (ISP)                | (138) (9999) |
| Fujiitsu | MB95F136 [SOP28]              | (53)         |
| Fujiitsu | MB95F136 [SSOP30]             | (1113)       |
| Fujiitsu | MB95F146SPMC [LQFP32]         | (2672)       |
| Fujiitsu | MB95F146WPMC [LQFP32]         | (2672)       |
| Fujiitsu | MB95F156JPMC [LQFP52]         | (2629)       |
| Fujiitsu | MB95F156JPMT [LQFP48]         | (2628)       |
| Fujiitsu | MB95F156MPMC [LQFP52]         | (2629)       |
| Fujiitsu | MB95F156MPMT [LQFP48]         | (2628)       |
| Fujiitsu | MB95F156NPMC [LQFP52]         | (2629)       |
| Fujiitsu | MB95F156NPMT [LQFP48]         | (2628)       |
| Fujiitsu | MB95F202H (ISP)               | (138) (9997) |
| Fujiitsu | MB95F202HP [SDIP24]           | (2359)       |
| Fujiitsu | MB95F202HPF [SOP20]           | (2358)       |
| Fujiitsu | MB95F202K (ISP)               | (138) (9997) |
| Fujiitsu | MB95F202KP [SDIP24]           | (2359)       |
| Fujiitsu | MB95F202KPF [SOP20]           | (2358)       |
| Fujiitsu | MB95F203H (ISP)               | (138) (9997) |
| Fujiitsu | MB95F203HP [SDIP24]           | (2359)       |
| Fujiitsu | MB95F203HPF [SOP20]           | (2358)       |
| Fujiitsu | MB95F203K (ISP)               | (138) (9997) |
| Fujiitsu | MB95F203KP [SDIP24]           | (2359)       |
| Fujiitsu | MB95F203KPF [SOP20]           | (2358)       |
| Fujiitsu | MB95F204H (ISP)               | (138) (9997) |
| Fujiitsu | MB95F204HP [SDIP24]           | (2359)       |
| Fujiitsu | MB95F204HPF [SOP20]           | (2358)       |
| Fujiitsu | MB95F204K (ISP)               | (138) (9997) |
| Fujiitsu | MB95F204KP [SDIP24]           | (2359)       |
| Fujiitsu | MB95F204KPF [SOP20]           | (2358)       |

|          |                        |              |
|----------|------------------------|--------------|
| Fujiitsu | MB95F212H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F212HPF [SOP8]     | (2356)       |
| Fujiitsu | MB95F212HPH [DIP8]     | (2357)       |
| Fujiitsu | MB95F212K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F212KPF [SOP8]     | (2356)       |
| Fujiitsu | MB95F212KPH [DIP8]     | (2357)       |
| Fujiitsu | MB95F213H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F213HPF [SOP8]     | (2356)       |
| Fujiitsu | MB95F213HPH [DIP8]     | (2357)       |
| Fujiitsu | MB95F213K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F213KPF [SOP8]     | (2356)       |
| Fujiitsu | MB95F213KPH [DIP8]     | (2357)       |
| Fujiitsu | MB95F214H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F214HPF [SOP8]     | (2356)       |
| Fujiitsu | MB95F214HPH [DIP8]     | (2357)       |
| Fujiitsu | MB95F214K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F214KPF [SOP8]     | (2356)       |
| Fujiitsu | MB95F214KPH [DIP8]     | (2357)       |
| Fujiitsu | MB95F222H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F222HPF [SOP16]    | (2334)       |
| Fujiitsu | MB95F222HPH [DIP16]    | (2338)       |
| Fujiitsu | MB95F222K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F222KPF [SOP16]    | (2334)       |
| Fujiitsu | MB95F222KPH [DIP16]    | (2338)       |
| Fujiitsu | MB95F223H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F223HPF [SOP16]    | (2334)       |
| Fujiitsu | MB95F223HPH [DIP16]    | (2338)       |
| Fujiitsu | MB95F223K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F223KPF [SOP16]    | (2334)       |
| Fujiitsu | MB95F223KPH [DIP16]    | (2338)       |
| Fujiitsu | MB95F262H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F262HP [SDIP24]    | (2359)       |
| Fujiitsu | MB95F262HPF [SOP20]    | (2358)       |
| Fujiitsu | MB95F262HPFT [TSSOP20] | (2360)       |
| Fujiitsu | MB95F262HWQN [QFN32]   | (2361)       |
| Fujiitsu | MB95F262K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F262KP [SDIP24]    | (2359)       |
| Fujiitsu | MB95F262KPF [SOP20]    | (2358)       |
| Fujiitsu | MB95F262KPFT [TSSOP20] | (2360)       |
| Fujiitsu | MB95F262KWQN [QFN32]   | (2361)       |
| Fujiitsu | MB95F263H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F263HP [SDIP24]    | (2359)       |
| Fujiitsu | MB95F263HPF [SOP20]    | (2358)       |
| Fujiitsu | MB95F263HPFT [TSSOP20] | (2360)       |
| Fujiitsu | MB95F263HWQN [QFN32]   | (2361)       |
| Fujiitsu | MB95F263K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F263KP [SDIP24]    | (2359)       |
| Fujiitsu | MB95F263KPF [SOP20]    | (2358)       |
| Fujiitsu | MB95F263KPFT [TSSOP20] | (2360)       |
| Fujiitsu | MB95F263KWQN [QFN32]   | (2361)       |
| Fujiitsu | MB95F264H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F264HP [SDIP24]    | (2359)       |
| Fujiitsu | MB95F264HPF [SOP20]    | (2358)       |
| Fujiitsu | MB95F264HPFT [TSSOP20] | (2360)       |
| Fujiitsu | MB95F264HWQN [QFN32]   | (2361)       |
| Fujiitsu | MB95F264K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F264KP [SDIP24]    | (2359)       |
| Fujiitsu | MB95F264KPF [SOP20]    | (2358)       |
| Fujiitsu | MB95F264KPFT [TSSOP20] | (2360)       |
| Fujiitsu | MB95F264KWQN [QFN32]   | (2361)       |
| Fujiitsu | MB95F272H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F272HPF [SOP8]     | (2356)       |
| Fujiitsu | MB95F272HPH [DIP8]     | (2357)       |
| Fujiitsu | MB95F272K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F272KPF [SOP8]     | (2356)       |
| Fujiitsu | MB95F272KPH [DIP8]     | (2357)       |
| Fujiitsu | MB95F273H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F273HPF [SOP8]     | (2356)       |
| Fujiitsu | MB95F273HPH [DIP8]     | (2357)       |
| Fujiitsu | MB95F273K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F273KPF [SOP8]     | (2356)       |
| Fujiitsu | MB95F273KPH [DIP8]     | (2357)       |
| Fujiitsu | MB95F274H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F274HPF [SOP8]     | (2356)       |
| Fujiitsu | MB95F274HPH [DIP8]     | (2357)       |
| Fujiitsu | MB95F274K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F274KPF [SOP8]     | (2356)       |
| Fujiitsu | MB95F274KPH [DIP8]     | (2357)       |
| Fujiitsu | MB95F282H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F282HPF [SOP16]    | (2334)       |
| Fujiitsu | MB95F282HPH [DIP16]    | (2338)       |
| Fujiitsu | MB95F282HWQN [QFN32]   | (2337)       |
| Fujiitsu | MB95F282K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F282KPF [SOP16]    | (2334)       |
| Fujiitsu | MB95F282KPH [DIP16]    | (2338)       |
| Fujiitsu | MB95F282KWQN [QFN32]   | (2337)       |
| Fujiitsu | MB95F283H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F283HPF [SOP16]    | (2334)       |
| Fujiitsu | MB95F283HPH [DIP16]    | (2338)       |
| Fujiitsu | MB95F283HWQN [QFN32]   | (2337)       |
| Fujiitsu | MB95F283K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F283KPF [SOP16]    | (2334)       |
| Fujiitsu | MB95F283KPH [DIP16]    | (2338)       |
| Fujiitsu | MB95F283KWQN [QFN32]   | (2337)       |
| Fujiitsu | MB95F284H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F284HPF [SOP16]    | (2334)       |
| Fujiitsu | MB95F284HPH [DIP16]    | (2338)       |
| Fujiitsu | MB95F284HWQN [QFN32]   | (2337)       |
| Fujiitsu | MB95F284K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F284KPF [SOP16]    | (2334)       |
| Fujiitsu | MB95F284KPH [DIP16]    | (2338)       |
| Fujiitsu | MB95F284KWQN [QFN32]   | (2337)       |
| Fujiitsu | MB95F314E (ISP)        | (138) (9997) |
| Fujiitsu | MB95F314EPMC [LQFP80]  | (2425)       |
| Fujiitsu | MB95F314L (ISP)        | (138) (9997) |
| Fujiitsu | MB95F314LPMC [LQFP80]  | (2425)       |
| Fujiitsu | MB95F316E (ISP)        | (138) (9997) |
| Fujiitsu | MB95F316EPMC [LQFP80]  | (2425)       |
| Fujiitsu | MB95F316L (ISP)        | (138) (9997) |
| Fujiitsu | MB95F316LPMC [LQFP80]  | (2425)       |
| Fujiitsu | MB95F318E (ISP)        | (138) (9997) |
| Fujiitsu | MB95F318EPMC [LQFP80]  | (2425)       |
| Fujiitsu | MB95F318L (ISP)        | (138) (9997) |
| Fujiitsu | MB95F318LPMC [LQFP80]  | (2425)       |
| Fujiitsu | MB95F332H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F332HP [SDIP32]    | (2401)       |
| Fujiitsu | MB95F332HPMC [LQFP32]  | (2402)       |
| Fujiitsu | MB95F332HWQN [QFN32]   | (2362)       |
| Fujiitsu | MB95F332K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F332KP [SDIP32]    | (2401)       |
| Fujiitsu | MB95F332KPMC [LQFP32]  | (2402)       |
| Fujiitsu | MB95F332KWQN [QFN32]   | (2362)       |
| Fujiitsu | MB95F333H (ISP)        | (138) (9997) |
| Fujiitsu | MB95F333HP [SDIP32]    | (2401)       |
| Fujiitsu | MB95F333HPMC [LQFP32]  | (2402)       |
| Fujiitsu | MB95F333HWQN [QFN32]   | (2362)       |
| Fujiitsu | MB95F333K (ISP)        | (138) (9997) |
| Fujiitsu | MB95F333KP [SDIP32]    | (2401)       |



|         |               |           |              |
|---------|---------------|-----------|--------------|
| Fujitsu | MB95F333KPMC  | [LQFP32]  | (2402)       |
| Fujitsu | MB95F333KWQN  | [QFN32]   | (2362)       |
| Fujitsu | MB95F334H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F334HP    | [SDIP32]  | (2401)       |
| Fujitsu | MB95F334HPMC  | [LQFP32]  | (2402)       |
| Fujitsu | MB95F334HWQN  | [QFN32]   | (2362)       |
| Fujitsu | MB95F334K     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F334KP    | [SDIP32]  | (2401)       |
| Fujitsu | MB95F334KPMC  | [LQFP32]  | (2402)       |
| Fujitsu | MB95F334KWQN  | [QFN32]   | (2362)       |
| Fujitsu | MB95F352E     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F352EPF   | [SOP24]   | (1062)       |
| Fujitsu | MB95F352EPFT  | [TSSOP24] | (1090)       |
| Fujitsu | MB95F352EWQN  | [QFN32]   | (2400)       |
| Fujitsu | MB95F352L     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F352LPF   | [SOP24]   | (1062)       |
| Fujitsu | MB95F352LPFT  | [TSSOP24] | (1090)       |
| Fujitsu | MB95F352LWQN  | [QFN32]   | (2400)       |
| Fujitsu | MB95F353E     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F353EPF   | [SOP24]   | (1062)       |
| Fujitsu | MB95F353EPFT  | [TSSOP24] | (1090)       |
| Fujitsu | MB95F353EWQN  | [QFN32]   | (2400)       |
| Fujitsu | MB95F353L     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F353LPF   | [SOP24]   | (1062)       |
| Fujitsu | MB95F353LPFT  | [TSSOP24] | (1090)       |
| Fujitsu | MB95F353LWQN  | [QFN32]   | (2400)       |
| Fujitsu | MB95F354E     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F354EPF   | [SOP24]   | (1062)       |
| Fujitsu | MB95F354EPFT  | [TSSOP24] | (1090)       |
| Fujitsu | MB95F354EWQN  | [QFN32]   | (2400)       |
| Fujitsu | MB95F354L     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F354LPF   | [SOP24]   | (1062)       |
| Fujitsu | MB95F354LPFT  | [TSSOP24] | (1090)       |
| Fujitsu | MB95F354LWQN  | [QFN32]   | (2400)       |
| Fujitsu | MB95F374E     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F374EPMC1 | [LQFP64]  | (2426)       |
| Fujitsu | MB95F374EPMC2 | [LQFP64]  | (2427)       |
| Fujitsu | MB95F374L     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F374LPMC1 | [LQFP64]  | (2426)       |
| Fujitsu | MB95F374LPMC2 | [LQFP64]  | (2427)       |
| Fujitsu | MB95F376E     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F376EPMC1 | [LQFP64]  | (2426)       |
| Fujitsu | MB95F376EPMC2 | [LQFP64]  | (2427)       |
| Fujitsu | MB95F376L     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F376LPMC1 | [LQFP64]  | (2426)       |
| Fujitsu | MB95F376LPMC2 | [LQFP64]  | (2427)       |
| Fujitsu | MB95F378E     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F378EPMC1 | [LQFP64]  | (2426)       |
| Fujitsu | MB95F378EPMC2 | [LQFP64]  | (2427)       |
| Fujitsu | MB95F378L     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F378LPMC1 | [LQFP64]  | (2426)       |
| Fujitsu | MB95F378LPMC2 | [LQFP64]  | (2427)       |
| Fujitsu | MB95F394H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F394HPMC  | [LQFP48]  | (2580)       |
| Fujitsu | MB95F394HPMC1 | [LQFP52]  | (2956)       |
| Fujitsu | MB95F394HWQN  | [QFN48]   | (2581)       |
| Fujitsu | MB95F394K     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F394KPMC  | [LQFP48]  | (2580)       |
| Fujitsu | MB95F394KPMC1 | [LQFP52]  | (2956)       |
| Fujitsu | MB95F394KWQN  | [QFN48]   | (2581)       |
| Fujitsu | MB95F396H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F396HPMC  | [LQFP48]  | (2580)       |
| Fujitsu | MB95F396HPMC1 | [LQFP52]  | (2956)       |
| Fujitsu | MB95F396HWQN  | [QFN48]   | (2581)       |
| Fujitsu | MB95F396K     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F396KPMC  | [LQFP48]  | (2580)       |
| Fujitsu | MB95F396KPMC1 | [LQFP52]  | (2956)       |
| Fujitsu | MB95F396KWQN  | [QFN48]   | (2581)       |
| Fujitsu | MB95F398H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F398HPMC  | [LQFP48]  | (2580)       |
| Fujitsu | MB95F398HPMC1 | [LQFP52]  | (2956)       |
| Fujitsu | MB95F398HWQN  | [QFN48]   | (2581)       |
| Fujitsu | MB95F398K     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F398KPMC  | [LQFP48]  | (2580)       |
| Fujitsu | MB95F398KPMC1 | [LQFP52]  | (2956)       |
| Fujitsu | MB95F398KWQN  | [QFN48]   | (2581)       |
| Fujitsu | MB95F414H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F414HPMC  | [LQFP80]  | (2582)       |
| Fujitsu | MB95F414K     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F414KPMC  | [LQFP80]  | (2582)       |
| Fujitsu | MB95F416H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F416HPMC  | [LQFP80]  | (2582)       |
| Fujitsu | MB95F416K     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F416KPMC  | [LQFP80]  | (2582)       |
| Fujitsu | MB95F418H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F418HPMC  | [LQFP80]  | (2582)       |
| Fujitsu | MB95F418K     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F418KPMC  | [LQFP80]  | (2582)       |
| Fujitsu | MB95F432H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F432HP    | [SDIP32]  | (2401)       |
| Fujitsu | MB95F432HPMC  | [LQFP32]  | (2402)       |
| Fujitsu | MB95F432K     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F432KP    | [SDIP32]  | (2401)       |
| Fujitsu | MB95F432KPMC  | [LQFP32]  | (2402)       |
| Fujitsu | MB95F433H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F433HP    | [SDIP32]  | (2401)       |
| Fujitsu | MB95F433HPMC  | [LQFP32]  | (2402)       |
| Fujitsu | MB95F433K     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F433KP    | [SDIP32]  | (2401)       |
| Fujitsu | MB95F433KPMC  | [LQFP32]  | (2402)       |
| Fujitsu | MB95F434H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F434HP    | [SDIP32]  | (2401)       |
| Fujitsu | MB95F434HPMC  | [LQFP32]  | (2402)       |
| Fujitsu | MB95F434K     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F434KP    | [SDIP32]  | (2401)       |
| Fujitsu | MB95F434KPMC  | [LQFP32]  | (2402)       |
| Fujitsu | MB95F474H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F474HPMC1 | [LQFP64]  | (2583)       |
| Fujitsu | MB95F474HPMC2 | [LQFP64]  | (2584)       |
| Fujitsu | MB95F474K     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F474KPMC1 | [LQFP64]  | (2583)       |
| Fujitsu | MB95F474KPMC2 | [LQFP64]  | (2584)       |
| Fujitsu | MB95F476H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F476HPMC1 | [LQFP64]  | (2583)       |
| Fujitsu | MB95F476HPMC2 | [LQFP64]  | (2584)       |
| Fujitsu | MB95F476K     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F476KPMC1 | [LQFP64]  | (2583)       |
| Fujitsu | MB95F476KPMC2 | [LQFP64]  | (2584)       |
| Fujitsu | MB95F478H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F478HPMC1 | [LQFP64]  | (2583)       |
| Fujitsu | MB95F478HPMC2 | [LQFP64]  | (2584)       |
| Fujitsu | MB95F478K     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F478KPMC1 | [LQFP64]  | (2583)       |
| Fujitsu | MB95F478KPMC2 | [LQFP64]  | (2584)       |
| Fujitsu | MB95F562H     | (ISP)     | (138) (9997) |
| Fujitsu | MB95F562HNPF  | [SOP20]   | (2358)       |
| Fujitsu | MB95F562HNPF  | [TSSOP20] | (2360)       |
| Fujitsu | MB95F562HNWQN | [QFN32]   | (2361)       |

|         |                         |              |
|---------|-------------------------|--------------|
| Fujitsu | MB95F562HPF [SOP20]     | (2358)       |
| Fujitsu | MB95F562HPFT [TSSOP20]  | (2360)       |
| Fujitsu | MB95F562HWQN [QFN32]    | (2361)       |
| Fujitsu | MB95F562K (ISP)         | (138) (9997) |
| Fujitsu | MB95F562KNPF [SOP20]    | (2358)       |
| Fujitsu | MB95F562KNPFT [TSSOP20] | (2360)       |
| Fujitsu | MB95F562KNWQN [QFN32]   | (2361)       |
| Fujitsu | MB95F562KPF [SOP20]     | (2358)       |
| Fujitsu | MB95F562KPFT [TSSOP20]  | (2360)       |
| Fujitsu | MB95F562KWQN [QFN32]    | (2361)       |
| Fujitsu | MB95F563H (ISP)         | (138) (9997) |
| Fujitsu | MB95F563HNPF [SOP20]    | (2358)       |
| Fujitsu | MB95F563HNPFT [TSSOP20] | (2360)       |
| Fujitsu | MB95F563HNWQN [QFN32]   | (2361)       |
| Fujitsu | MB95F563HPF [SOP20]     | (2358)       |
| Fujitsu | MB95F563HPFT [TSSOP20]  | (2360)       |
| Fujitsu | MB95F563HWQN [QFN32]    | (2361)       |
| Fujitsu | MB95F563K (ISP)         | (138) (9997) |
| Fujitsu | MB95F563KNPF [SOP20]    | (2358)       |
| Fujitsu | MB95F563KNPFT [TSSOP20] | (2360)       |
| Fujitsu | MB95F563KNWQN [QFN32]   | (2361)       |
| Fujitsu | MB95F563KPF [SOP20]     | (2358)       |
| Fujitsu | MB95F563KPFT [TSSOP20]  | (2360)       |
| Fujitsu | MB95F563KWQN [QFN32]    | (2361)       |
| Fujitsu | MB95F564H (ISP)         | (138) (9997) |
| Fujitsu | MB95F564HNPF [SOP20]    | (2358)       |
| Fujitsu | MB95F564HNPFT [TSSOP20] | (2360)       |
| Fujitsu | MB95F564HNWQN [QFN32]   | (2361)       |
| Fujitsu | MB95F564HPF [SOP20]     | (2358)       |
| Fujitsu | MB95F564HPFT [TSSOP20]  | (2360)       |
| Fujitsu | MB95F564HWQN [QFN32]    | (2361)       |
| Fujitsu | MB95F564K (ISP)         | (138) (9997) |
| Fujitsu | MB95F564KNPF [SOP20]    | (2358)       |
| Fujitsu | MB95F564KNPFT [TSSOP20] | (2360)       |
| Fujitsu | MB95F564KNWQN [QFN32]   | (2361)       |
| Fujitsu | MB95F564KPF [SOP20]     | (2358)       |
| Fujitsu | MB95F564KPFT [TSSOP20]  | (2360)       |
| Fujitsu | MB95F564KWQN [QFN32]    | (2361)       |
| Fujitsu | MB95F572H (ISP)         | (138) (9997) |
| Fujitsu | MB95F572HNPF [SOP8]     | (2356)       |
| Fujitsu | MB95F572HPF [SOP8]      | (2356)       |
| Fujitsu | MB95F572K (ISP)         | (138) (9997) |
| Fujitsu | MB95F572KNPF [SOP8]     | (2356)       |
| Fujitsu | MB95F572KPF [SOP8]      | (2356)       |
| Fujitsu | MB95F573H (ISP)         | (138) (9997) |
| Fujitsu | MB95F573HNPF [SOP8]     | (2356)       |
| Fujitsu | MB95F573HPF [SOP8]      | (2356)       |
| Fujitsu | MB95F573K (ISP)         | (138) (9997) |
| Fujitsu | MB95F573KNPF [SOP8]     | (2356)       |
| Fujitsu | MB95F573KPF [SOP8]      | (2356)       |
| Fujitsu | MB95F574H (ISP)         | (138) (9997) |
| Fujitsu | MB95F574HNPF [SOP8]     | (2356)       |
| Fujitsu | MB95F574HPF [SOP8]      | (2356)       |
| Fujitsu | MB95F574K (ISP)         | (138) (9997) |
| Fujitsu | MB95F574KNPF [SOP8]     | (2356)       |
| Fujitsu | MB95F574KPF [SOP8]      | (2356)       |
| Fujitsu | MB95F582H (ISP)         | (138) (9997) |
| Fujitsu | MB95F582HNPF [SOP16]    | (2938)       |
| Fujitsu | MB95F582HNPFT [TSSOP16] | (2939)       |
| Fujitsu | MB95F582HNWQN [QFN32]   | (2337)       |
| Fujitsu | MB95F582HPF [SOP16]     | (2938)       |
| Fujitsu | MB95F582HPFT [TSSOP16]  | (2939)       |
| Fujitsu | MB95F582HWQN [QFN32]    | (2337)       |
| Fujitsu | MB95F582K (ISP)         | (138) (9997) |
| Fujitsu | MB95F582KNPF [SOP16]    | (2938)       |
| Fujitsu | MB95F582KNPFT [TSSOP16] | (2939)       |
| Fujitsu | MB95F582KNWQN [QFN32]   | (2337)       |
| Fujitsu | MB95F582KPF [SOP16]     | (2938)       |
| Fujitsu | MB95F582KPFT [TSSOP16]  | (2939)       |
| Fujitsu | MB95F582KWQN [QFN32]    | (2337)       |
| Fujitsu | MB95F583H (ISP)         | (138) (9997) |
| Fujitsu | MB95F583HNPF [SOP16]    | (2938)       |
| Fujitsu | MB95F583HNPFT [TSSOP16] | (2939)       |
| Fujitsu | MB95F583HNWQN [QFN32]   | (2337)       |
| Fujitsu | MB95F583HPF [SOP16]     | (2938)       |
| Fujitsu | MB95F583HPFT [TSSOP16]  | (2939)       |
| Fujitsu | MB95F583HWQN [QFN32]    | (2337)       |
| Fujitsu | MB95F583K (ISP)         | (138) (9997) |
| Fujitsu | MB95F583KNPF [SOP16]    | (2938)       |
| Fujitsu | MB95F583KNPFT [TSSOP16] | (2939)       |
| Fujitsu | MB95F583KNWQN [QFN32]   | (2337)       |
| Fujitsu | MB95F583KPF [SOP16]     | (2938)       |
| Fujitsu | MB95F583KPFT [TSSOP16]  | (2939)       |
| Fujitsu | MB95F583KWQN [QFN32]    | (2337)       |
| Fujitsu | MB95F584H (ISP)         | (138) (9997) |
| Fujitsu | MB95F584HNPF [SOP16]    | (2938)       |
| Fujitsu | MB95F584HNPFT [TSSOP16] | (2939)       |
| Fujitsu | MB95F584HNWQN [QFN32]   | (2337)       |
| Fujitsu | MB95F584HPF [SOP16]     | (2938)       |
| Fujitsu | MB95F584HPFT [TSSOP16]  | (2939)       |
| Fujitsu | MB95F584HWQN [QFN32]    | (2337)       |
| Fujitsu | MB95F584K (ISP)         | (138) (9997) |
| Fujitsu | MB95F584KNPF [SOP16]    | (2938)       |
| Fujitsu | MB95F584KNPFT [TSSOP16] | (2939)       |
| Fujitsu | MB95F584KNWQN [QFN32]   | (2337)       |
| Fujitsu | MB95F584KPF [SOP16]     | (2938)       |
| Fujitsu | MB95F584KPFT [TSSOP16]  | (2939)       |
| Fujitsu | MB95F584KWQN [QFN32]    | (2337)       |
| Fujitsu | MB95F632H (ISP)         | (138) (9997) |
| Fujitsu | MB95F632HNP [SDIP32]    | (2886)       |
| Fujitsu | MB95F632HNPMC [LQFP32]  | (2402)       |
| Fujitsu | MB95F632HNWQN [QFN32]   | (2362)       |
| Fujitsu | MB95F632HP [SDIP32]     | (2886)       |
| Fujitsu | MB95F632HPMC [LQFP32]   | (2402)       |
| Fujitsu | MB95F632HWQN [QFN32]    | (2362)       |
| Fujitsu | MB95F632K (ISP)         | (138) (9997) |
| Fujitsu | MB95F632KNP [SDIP32]    | (2886)       |
| Fujitsu | MB95F632KNPMC [LQFP32]  | (2402)       |
| Fujitsu | MB95F632KNWQN [QFN32]   | (2362)       |
| Fujitsu | MB95F632KP [SDIP32]     | (2886)       |
| Fujitsu | MB95F632KPMC [LQFP32]   | (2402)       |
| Fujitsu | MB95F632KWQN [QFN32]    | (2362)       |
| Fujitsu | MB95F633H (ISP)         | (138) (9997) |
| Fujitsu | MB95F633HNP [SDIP32]    | (2886)       |
| Fujitsu | MB95F633HNPMC [LQFP32]  | (2402)       |
| Fujitsu | MB95F633HNWQN [QFN32]   | (2362)       |
| Fujitsu | MB95F633HP [SDIP32]     | (2886)       |
| Fujitsu | MB95F633HPMC [LQFP32]   | (2402)       |
| Fujitsu | MB95F633HWQN [QFN32]    | (2362)       |
| Fujitsu | MB95F633K (ISP)         | (138) (9997) |
| Fujitsu | MB95F633KNP [SDIP32]    | (2886)       |
| Fujitsu | MB95F633KNPMC [LQFP32]  | (2402)       |
| Fujitsu | MB95F633KNWQN [QFN32]   | (2362)       |
| Fujitsu | MB95F633KP [SDIP32]     | (2886)       |
| Fujitsu | MB95F633KPMC [LQFP32]   | (2402)       |
| Fujitsu | MB95F633KWQN [QFN32]    | (2362)       |
| Fujitsu | MB95F634H (ISP)         | (138) (9997) |
| Fujitsu | MB95F634HNP [SDIP32]    | (2886)       |

|          |                         |              |
|----------|-------------------------|--------------|
| Fujiitsu | MB95F634HNPMC [LQFP32]  | (2402)       |
| Fujiitsu | MB95F634HNWQN [QFN32]   | (2362)       |
| Fujiitsu | MB95F634HP [SDIP32]     | (2886)       |
| Fujiitsu | MB95F634HPMC [LQFP32]   | (2402)       |
| Fujiitsu | MB95F634HWQN [QFN32]    | (2362)       |
| Fujiitsu | MB95F634K (ISP)         | (138) (9997) |
| Fujiitsu | MB95F634KNP [SDIP32]    | (2886)       |
| Fujiitsu | MB95F634KNPMC [LQFP32]  | (2402)       |
| Fujiitsu | MB95F634KNWQN [QFN32]   | (2362)       |
| Fujiitsu | MB95F634KP [SDIP32]     | (2886)       |
| Fujiitsu | MB95F634KPMC [LQFP32]   | (2402)       |
| Fujiitsu | MB95F634KWQN [QFN32]    | (2362)       |
| Fujiitsu | MB95F636H (ISP)         | (138) (9997) |
| Fujiitsu | MB95F636HNP [SDIP32]    | (2886)       |
| Fujiitsu | MB95F636HNPMC [LQFP32]  | (2402)       |
| Fujiitsu | MB95F636HNWQN [QFN32]   | (2362)       |
| Fujiitsu | MB95F636HP [SDIP32]     | (2886)       |
| Fujiitsu | MB95F636HPMC [LQFP32]   | (2402)       |
| Fujiitsu | MB95F636HWQN [QFN32]    | (2362)       |
| Fujiitsu | MB95F636K (ISP)         | (138) (9997) |
| Fujiitsu | MB95F636KNP [SDIP32]    | (2886)       |
| Fujiitsu | MB95F636KNPMC [LQFP32]  | (2402)       |
| Fujiitsu | MB95F636KNWQN [QFN32]   | (2362)       |
| Fujiitsu | MB95F636KP [SDIP32]     | (2886)       |
| Fujiitsu | MB95F636KPMC [LQFP32]   | (2402)       |
| Fujiitsu | MB95F636KWQN [QFN32]    | (2362)       |
| Fujiitsu | MB95F652E (ISP)         | (138) (9997) |
| Fujiitsu | MB95F652ENPF [SOP24]    | (2958)       |
| Fujiitsu | MB95F652ENPFT [TSSOP24] | (2957)       |
| Fujiitsu | MB95F652ENWQN [QFN32]   | (2959)       |
| Fujiitsu | MB95F652EPF [SOP24]     | (2958)       |
| Fujiitsu | MB95F652EPFT [TSSOP24]  | (2957)       |
| Fujiitsu | MB95F652EWQN [QFN32]    | (2959)       |
| Fujiitsu | MB95F652L (ISP)         | (138) (9997) |
| Fujiitsu | MB95F652LNPF [SOP24]    | (2958)       |
| Fujiitsu | MB95F652LNPFT [TSSOP24] | (2957)       |
| Fujiitsu | MB95F652LNWQN [QFN32]   | (2959)       |
| Fujiitsu | MB95F652LPF [SOP24]     | (2958)       |
| Fujiitsu | MB95F652LPFT [TSSOP24]  | (2957)       |
| Fujiitsu | MB95F652LWQN [QFN32]    | (2959)       |
| Fujiitsu | MB95F653E (ISP)         | (138) (9997) |
| Fujiitsu | MB95F653ENPF [SOP24]    | (2958)       |
| Fujiitsu | MB95F653ENPFT [TSSOP24] | (2957)       |
| Fujiitsu | MB95F653ENWQN [QFN32]   | (2959)       |
| Fujiitsu | MB95F653EPF [SOP24]     | (2958)       |
| Fujiitsu | MB95F653EPFT [TSSOP24]  | (2957)       |
| Fujiitsu | MB95F653EWQN [QFN32]    | (2959)       |
| Fujiitsu | MB95F653L (ISP)         | (138) (9997) |
| Fujiitsu | MB95F653LNPF [SOP24]    | (2958)       |
| Fujiitsu | MB95F653LNPFT [TSSOP24] | (2957)       |
| Fujiitsu | MB95F653LNWQN [QFN32]   | (2959)       |
| Fujiitsu | MB95F653LPF [SOP24]     | (2958)       |
| Fujiitsu | MB95F653LPFT [TSSOP24]  | (2957)       |
| Fujiitsu | MB95F653LWQN [QFN32]    | (2959)       |
| Fujiitsu | MB95F654E (ISP)         | (138) (9997) |
| Fujiitsu | MB95F654ENPF [SOP24]    | (2958)       |
| Fujiitsu | MB95F654ENPFT [TSSOP24] | (2957)       |
| Fujiitsu | MB95F654ENWQN [QFN32]   | (2959)       |
| Fujiitsu | MB95F654EPF [SOP24]     | (2958)       |
| Fujiitsu | MB95F654EPFT [TSSOP24]  | (2957)       |
| Fujiitsu | MB95F654EWQN [QFN32]    | (2959)       |
| Fujiitsu | MB95F654L (ISP)         | (138) (9997) |
| Fujiitsu | MB95F654LNPF [SOP24]    | (2958)       |
| Fujiitsu | MB95F654LNPFT [TSSOP24] | (2957)       |
| Fujiitsu | MB95F654LNWQN [QFN32]   | (2959)       |
| Fujiitsu | MB95F654LPF [SOP24]     | (2958)       |
| Fujiitsu | MB95F654LPFT [TSSOP24]  | (2957)       |
| Fujiitsu | MB95F654LWQN [QFN32]    | (2959)       |
| Fujiitsu | MB95F656E (ISP)         | (138) (9997) |
| Fujiitsu | MB95F656ENPF [SOP24]    | (2958)       |
| Fujiitsu | MB95F656ENPFT [TSSOP24] | (2957)       |
| Fujiitsu | MB95F656ENWQN [QFN32]   | (2959)       |
| Fujiitsu | MB95F656EPF [SOP24]     | (2958)       |
| Fujiitsu | MB95F656EPFT [TSSOP24]  | (2957)       |
| Fujiitsu | MB95F656EWQN [QFN32]    | (2959)       |
| Fujiitsu | MB95F656L (ISP)         | (138) (9997) |
| Fujiitsu | MB95F656LNPF [SOP24]    | (2958)       |
| Fujiitsu | MB95F656LNPFT [TSSOP24] | (2957)       |
| Fujiitsu | MB95F656LNWQN [QFN32]   | (2959)       |
| Fujiitsu | MB95F656LPF [SOP24]     | (2958)       |
| Fujiitsu | MB95F656LPFT [TSSOP24]  | (2957)       |
| Fujiitsu | MB95F656LWQN [QFN32]    | (2959)       |
| Fujiitsu | MB95F694K (ISP)         | (138) (9997) |
| Fujiitsu | MB95F694KPMC [LQFP48]   | (2580)       |
| Fujiitsu | MB95F694KPMC1 [LQFP52]  | (2956)       |
| Fujiitsu | MB95F694KWQN [QFN48]    | (2581)       |
| Fujiitsu | MB95F696K (ISP)         | (138) (9997) |
| Fujiitsu | MB95F696KPMC [LQFP48]   | (2580)       |
| Fujiitsu | MB95F696KPMC1 [LQFP52]  | (2956)       |
| Fujiitsu | MB95F696KWQN [QFN48]    | (2581)       |
| Fujiitsu | MB95F698K (ISP)         | (138) (9997) |
| Fujiitsu | MB95F698KPMC [LQFP48]   | (2580)       |
| Fujiitsu | MB95F698KPMC1 [LQFP52]  | (2956)       |
| Fujiitsu | MB95F698KWQN [QFN48]    | (2581)       |
| Fujiitsu | MB95F714E (ISP)         | (138) (9997) |
| Fujiitsu | MB95F714EPMC [LQFP80]   | (2582)       |
| Fujiitsu | MB95F714L (ISP)         | (138) (9997) |
| Fujiitsu | MB95F714LPMC [LQFP80]   | (2582)       |
| Fujiitsu | MB95F716E (ISP)         | (138) (9997) |
| Fujiitsu | MB95F716EPMC [LQFP80]   | (2582)       |
| Fujiitsu | MB95F716L (ISP)         | (138) (9997) |
| Fujiitsu | MB95F716LPMC [LQFP80]   | (2582)       |
| Fujiitsu | MB95F718E (ISP)         | (138) (9997) |
| Fujiitsu | MB95F718EPMC [LQFP80]   | (2582)       |
| Fujiitsu | MB95F718L (ISP)         | (138) (9997) |
| Fujiitsu | MB95F718LPMC [LQFP80]   | (2582)       |
| Fujiitsu | MB95F774E (ISP)         | (138) (9997) |
| Fujiitsu | MB95F774EPMC1 [LQFP64]  | (2583)       |
| Fujiitsu | MB95F774EPMC2 [LQFP64]  | (2584)       |
| Fujiitsu | MB95F774L (ISP)         | (138) (9997) |
| Fujiitsu | MB95F774LPMC1 [LQFP64]  | (2583)       |
| Fujiitsu | MB95F774LPMC2 [LQFP64]  | (2584)       |
| Fujiitsu | MB95F776E (ISP)         | (138) (9997) |
| Fujiitsu | MB95F776EPMC1 [LQFP64]  | (2583)       |
| Fujiitsu | MB95F776EPMC2 [LQFP64]  | (2584)       |
| Fujiitsu | MB95F776L (ISP)         | (138) (9997) |
| Fujiitsu | MB95F776LPMC1 [LQFP64]  | (2583)       |
| Fujiitsu | MB95F776LPMC2 [LQFP64]  | (2584)       |
| Fujiitsu | MB95F778E (ISP)         | (138) (9997) |
| Fujiitsu | MB95F778EPMC1 [LQFP64]  | (2583)       |
| Fujiitsu | MB95F778EPMC2 [LQFP64]  | (2584)       |
| Fujiitsu | MB95F778L (ISP)         | (138) (9997) |
| Fujiitsu | MB95F778LPMC1 [LQFP64]  | (2583)       |
| Fujiitsu | MB95F778LPMC2 [LQFP64]  | (2584)       |
| Fujiitsu | MB95F814K (ISP)         | (138) (9997) |
| Fujiitsu | MB95F814KPMC [LQFP64]   | (3109)       |
| Fujiitsu | MB95F814KPMC1 [LQFP64]  | (3108)       |
| Fujiitsu | MB95F816K (ISP)         | (138) (9997) |

|         |                                 |              |
|---------|---------------------------------|--------------|
| Fujitsu | MB95F816KPMC [LQFP64]           | (3109)       |
| Fujitsu | MB95F816KPMC1 [LQFP64]          | (3108)       |
| Fujitsu | MB95F818K (ISP)                 | (138) (9997) |
| Fujitsu | MB95F818KPMC [LQFP64]           | (3109)       |
| Fujitsu | MB95F818KPMC1 [LQFP64]          | (3108)       |
| Fujitsu | MB95F856K (ISP)                 | (138) (9997) |
| Fujitsu | MB95F856KPF [SOP24]             | (2961)       |
| Fujitsu | MB95F856KPFT [TSSOP24]          | (2960)       |
| Fujitsu | MB95F866K (ISP)                 | (138) (9997) |
| Fujitsu | MB95F866KPMC [LQFP32]           | (3040)       |
| Fujitsu | MB95F876K (ISP)                 | (138) (9997) |
| Fujitsu | MB95F876KPMC [LQFP48]           | (2962)       |
| Fujitsu | MB96F313RSA [LQFP48]            | (1531)       |
| Fujitsu | MB96F313RSB [LQFP48]            | (1531)       |
| Fujitsu | MB96F313RWA [LQFP48]            | (1531)       |
| Fujitsu | MB96F313RWB [LQFP48]            | (1531)       |
| Fujitsu | MB96F313YSA [LQFP48]            | (1531)       |
| Fujitsu | MB96F313YSB [LQFP48]            | (1531)       |
| Fujitsu | MB96F313YWA [LQFP48]            | (1531)       |
| Fujitsu | MB96F313YWB [LQFP48]            | (1531)       |
| Fujitsu | MB96F315 (ISP)                  | (138) (9999) |
| Fujitsu | MB96F315 (ISP) (asynch. USART2) | (138) (9999) |
| Fujitsu | MB96F315RSA [LQFP48]            | (1531)       |
| Fujitsu | MB96F315RSB [LQFP48]            | (1531)       |
| Fujitsu | MB96F315RWA [LQFP48]            | (1531)       |
| Fujitsu | MB96F315RWB [LQFP48]            | (1531)       |
| Fujitsu | MB96F315YSA [LQFP48]            | (1531)       |
| Fujitsu | MB96F315YSB [LQFP48]            | (1531)       |
| Fujitsu | MB96F315YWA [LQFP48]            | (1531)       |
| Fujitsu | MB96F315YWB [LQFP48]            | (1531)       |
| Fujitsu | MB96F346ASBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F346ASBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F346AWBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F346AWBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F346RSBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F346RSBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F346RWBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F346RWBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F346YSBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F346YSBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F346YWBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F346YWBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F347ASBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F347ASBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F347AWBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F347AWBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F347RSBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F347RSBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F347RWBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F347RWBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F347YSBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F347YSBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F347YWBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F347YWBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F348ASBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F348ASBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F348AWBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F348AWBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F348RSBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F348RSBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F348RWBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F348RWBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F348YSBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F348YSBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F348YWBPMC [LQFP100]        | (2673)       |
| Fujitsu | MB96F348YWBPQC [QFP100]         | (2710)       |
| Fujitsu | MB96F353ASBPMC [LQFP64]         | (2633)       |
| Fujitsu | MB96F353ASBPMC1 [LQFP64]        | (2632)       |
| Fujitsu | MB96F353AWBPMC [LQFP64]         | (2633)       |
| Fujitsu | MB96F353AWBPMC1 [LQFP64]        | (2632)       |
| Fujitsu | MB96F353RSBPMC [LQFP64]         | (2633)       |
| Fujitsu | MB96F353RSBPMC1 [LQFP64]        | (2632)       |
| Fujitsu | MB96F353RWBPMC [LQFP64]         | (2633)       |
| Fujitsu | MB96F353RWBPMC1 [LQFP64]        | (2632)       |
| Fujitsu | MB96F355 (ISP) (asynch. USART2) | (138) (9999) |
| Fujitsu | MB96F355ASBPMC [LQFP64]         | (2633)       |
| Fujitsu | MB96F355ASBPMC1 [LQFP64]        | (2632)       |
| Fujitsu | MB96F355AWBPMC [LQFP64]         | (2633)       |
| Fujitsu | MB96F355AWBPMC1 [LQFP64]        | (2632)       |
| Fujitsu | MB96F355RSBPMC [LQFP64]         | (2633)       |
| Fujitsu | MB96F355RSBPMC1 [LQFP64]        | (2632)       |
| Fujitsu | MB96F355RWBPMC [LQFP64]         | (2633)       |
| Fujitsu | MB96F355RWBPMC1 [LQFP64]        | (2632)       |
| Fujitsu | MB96F356 (ISP) (asynch. USART2) | (138) (9999) |
| Fujitsu | MB96F356ASBPMC [LQFP64]         | (2633)       |
| Fujitsu | MB96F356ASBPMC1 [LQFP64]        | (2632)       |
| Fujitsu | MB96F356AWBPMC [LQFP64]         | (2633)       |
| Fujitsu | MB96F356AWBPMC1 [LQFP64]        | (2632)       |
| Fujitsu | MB96F356RSBPMC [LQFP64]         | (2633)       |
| Fujitsu | MB96F356RSBPMC1 [LQFP64]        | (2632)       |
| Fujitsu | MB96F356RWBPMC [LQFP64]         | (2633)       |
| Fujitsu | MB96F356RWBPQC1 [LQFP64]        | (2632)       |
| Fujitsu | MB96F356YBPMC [LQFP64]          | (2633)       |
| Fujitsu | MB96F356YBPMC1 [LQFP64]         | (2632)       |
| Fujitsu | MB96F356YWBPMC [LQFP64]         | (2633)       |
| Fujitsu | MB96F356YWBPMC1 [LQFP64]        | (2632)       |
| Fujitsu | MB96F378HSBPMC [LQFP144]        | (2684)       |
| Fujitsu | MB96F378HSBPMC1 [LQFP144]       | (2711)       |
| Fujitsu | MB96F378HWPBPMC [LQFP144]       | (2684)       |
| Fujitsu | MB96F378HWPBPMC1 [LQFP144]      | (2711)       |
| Fujitsu | MB96F378TSBPMC [LQFP144]        | (2684)       |
| Fujitsu | MB96F378TSBPMC1 [LQFP144]       | (2711)       |
| Fujitsu | MB96F378TWBPMC [LQFP144]        | (2684)       |
| Fujitsu | MB96F378TWBPMC1 [LQFP144]       | (2711)       |
| Fujitsu | MB96F385RSA [LQFP120]           | (1040)       |
| Fujitsu | MB96F385RSB [LQFP120]           | (1040)       |
| Fujitsu | MB96F385RWA [LQFP120]           | (1040)       |
| Fujitsu | MB96F385RWB [LQFP120]           | (1040)       |
| Fujitsu | MB96F385YSA [LQFP120]           | (1040)       |
| Fujitsu | MB96F385YWB [LQFP120]           | (1040)       |
| Fujitsu | MB96F386RSA [LQFP120]           | (1040)       |
| Fujitsu | MB96F386RSB [LQFP120]           | (1040)       |
| Fujitsu | MB96F386RSC [LQFP120]           | (1040)       |
| Fujitsu | MB96F386RWA [LQFP120]           | (1040)       |
| Fujitsu | MB96F386RWB [LQFP120]           | (1040)       |
| Fujitsu | MB96F386YSB [LQFP120]           | (1040)       |
| Fujitsu | MB96F386YWB [LQFP120]           | (1040)       |
| Fujitsu | MB96F387RSA [LQFP120]           | (1040)       |
| Fujitsu | MB96F387RSB [LQFP120]           | (1040)       |
| Fujitsu | MB96F387RWA [LQFP120]           | (1040)       |
| Fujitsu | MB96F387RWB [LQFP120]           | (1040)       |
| Fujitsu | MB96F387YSB [LQFP120]           | (1040)       |
| Fujitsu | MB96F387YWB [LQFP120]           | (1040)       |
| Fujitsu | MB96F395RSA [LQFP100]           | (2398)       |
| Fujitsu | MB96F395RSB [LQFP100]           | (2398)       |
| Fujitsu | MB96F395RWA [LQFP100]           | (2398)       |
| Fujitsu | MB96F395RWB [LQFP100]           | (2398)       |
| Fujitsu | MB96F395YSA [LQFP100]           | (2398)       |

|         |                                  |              |
|---------|----------------------------------|--------------|
| Fujitsu | MB96F395yWA [LQFP100]            | (2398)       |
| Fujitsu | MB96F612ABPMC [LQFP48]           | (2936)       |
| Fujitsu | MB96F612RBPMP [LQFP48]           | (2936)       |
| Fujitsu | MB96F613ABPMC [LQFP48]           | (2936)       |
| Fujitsu | MB96F613R (ISP) (asynch. USART2) | (138) (9999) |
| Fujitsu | MB96F613RBPMP [LQFP48]           | (2936)       |
| Fujitsu | MB96F615ABPMC [LQFP48]           | (2936)       |
| Fujitsu | MB96F615RBPMP [LQFP48]           | (2936)       |
| Fujitsu | MB96F622ABPMC [LQFP64]           | (2935)       |
| Fujitsu | MB96F622ABPMC1 [LQFP64]          | (2928)       |
| Fujitsu | MB96F622RBPMP [LQFP64]           | (2935)       |
| Fujitsu | MB96F622RBPMP1 [LQFP64]          | (2928)       |
| Fujitsu | MB96F623ABPMC [LQFP64]           | (2935)       |
| Fujitsu | MB96F623ABPMC1 [LQFP64]          | (2928)       |
| Fujitsu | MB96F623RBPMP [LQFP64]           | (2935)       |
| Fujitsu | MB96F623RBPMP1 [LQFP64]          | (2928)       |
| Fujitsu | MB96F625ABPMC [LQFP64]           | (2935)       |
| Fujitsu | MB96F625ABPMC1 [LQFP64]          | (2928)       |
| Fujitsu | MB96F625RBPMP [LQFP64]           | (2935)       |
| Fujitsu | MB96F625RBPMP1 [LQFP64]          | (2928)       |
| Fujitsu | MB96F633ABPMC [LQFP80]           | (3041)       |
| Fujitsu | MB96F633RBPMP [LQFP80]           | (3041)       |
| Fujitsu | MB96F635ABPMC [LQFP80]           | (3041)       |
| Fujitsu | MB96F635RBPMP [LQFP80]           | (3041)       |
| Fujitsu | MB96F636RBPMP [LQFP80]           | (3041)       |
| Fujitsu | MB96F637RBPMP [LQFP80]           | (3041)       |
| Fujitsu | MB96F643ABPMC [LQFP100]          | (3012)       |
| Fujitsu | MB96F643RBPMP [LQFP100]          | (3012)       |
| Fujitsu | MB96F645ABPMC [LQFP100]          | (3012)       |
| Fujitsu | MB96F645RBPMP [LQFP100]          | (3012)       |
| Fujitsu | MB96F646RBPMP [LQFP100]          | (3012)       |
| Fujitsu | MB96F647RBPMP [LQFP100]          | (3012)       |
| Fujitsu | MB96F653ABPMC [LQFP120]          | (3023)       |
| Fujitsu | MB96F653RBPMP [LQFP120]          | (3023)       |
| Fujitsu | MB96F655ABPMC [LQFP120]          | (3023)       |
| Fujitsu | MB96F655RBPMP [LQFP120]          | (3023)       |
| Fujitsu | MB96F656RBPMP [LQFP120]          | (3023)       |
| Fujitsu | MB96F657RBPMP [LQFP120]          | (3023)       |
| Fujitsu | MB96F673ABPMC [LQFP64]           | (2627)       |
| Fujitsu | MB96F673ABPMC1 [LQFP64]          | (3035)       |
| Fujitsu | MB96F673RAPMP [LQFP64]           | (2627)       |
| Fujitsu | MB96F673RBPMP [LQFP64]           | (2627)       |
| Fujitsu | MB96F673RBPMP1 [LQFP64]          | (3035)       |
| Fujitsu | MB96F675ABPMC [LQFP64]           | (2627)       |
| Fujitsu | MB96F675ABPMC1 [LQFP64]          | (3035)       |
| Fujitsu | MB96F675RAPMP [LQFP64]           | (2627)       |
| Fujitsu | MB96F675RBPMP [LQFP64]           | (2627)       |
| Fujitsu | MB96F675RBPMP1 [LQFP64]          | (3035)       |
| Fujitsu | MB96F683ABPMC [LQFP80]           | (2608)       |
| Fujitsu | MB96F683RAPMP [LQFP80]           | (2608)       |
| Fujitsu | MB96F683RBPMP [LQFP80]           | (2608)       |
| Fujitsu | MB96F685ABPMC [LQFP80]           | (2608)       |
| Fujitsu | MB96F685RAPMP [LQFP80]           | (2608)       |
| Fujitsu | MB96F685RBPMP [LQFP80]           | (2608)       |
| Fujitsu | MB96F693ABPMC [LQFP100]          | (3012)       |
| Fujitsu | MB96F693RBPMP [LQFP100]          | (3012)       |
| Fujitsu | MB96F695ABPMC [LQFP100]          | (3012)       |
| Fujitsu | MB96F695RBPMP [LQFP100]          | (3012)       |
| Fujitsu | MB96F696RBPMP [LQFP100]          | (3012)       |
| Fujitsu | MB96F6A5ABPMC [LQFP120]          | (3023)       |
| Fujitsu | MB96F6A5RBPMP [LQFP120]          | (3023)       |
| Fujitsu | MB96F6A6RBPMP [LQFP120]          | (3023)       |
| Fujitsu | MB96F6B5ABPMC [LQFP100]          | (3012)       |
| Fujitsu | MB96F6B5RBPMP [LQFP100]          | (3012)       |
| Fujitsu | MB96F6B6RBPMP [LQFP100]          | (3012)       |
| Fujitsu | MB96F6C5ABPMC [LQFP120]          | (3023)       |
| Fujitsu | MB96F6C5RBPMP [LQFP120]          | (3023)       |
| Fujitsu | MB96F6C6RBPMP [LQFP120]          | (3023)       |
| Fujitsu | MB9AF111KPMC [LQFP48]            | (2963)       |
| Fujitsu | MB9AF111KPMC1 [LQFP52]           | (3039)       |
| Fujitsu | MB9AF111KQN [QFN48]              | (3049)       |
| Fujitsu | MB9AF111LAPMP [LQFP64]           | (2937)       |
| Fujitsu | MB9AF111LAPMP1 [LQFP64]          | (2683)       |
| Fujitsu | MB9AF111LPMC [LQFP64]            | (2937)       |
| Fujitsu | MB9AF111LPMC1 [LQFP64]           | (2683)       |
| Fujitsu | MB9AF111MAPMP [LQFP80]           | (2729)       |
| Fujitsu | MB9AF111MPMP [LQFP80]            | (2729)       |
| Fujitsu | MB9AF111NAPF [QFP100]            | (3332)       |
| Fujitsu | MB9AF111NAPMP [LQFP100]          | (2399)       |
| Fujitsu | MB9AF111NPMMP [LQFP100]          | (2399)       |
| Fujitsu | MB9AF112KPMC [LQFP48]            | (2963)       |
| Fujitsu | MB9AF112KPMC1 [LQFP52]           | (3039)       |
| Fujitsu | MB9AF112KQN [QFN48]              | (3049)       |
| Fujitsu | MB9AF112LAPMP [LQFP64]           | (2937)       |
| Fujitsu | MB9AF112LAPMP1 [LQFP64]          | (2683)       |
| Fujitsu | MB9AF112LPMC [LQFP64]            | (2937)       |
| Fujitsu | MB9AF112LPMC1 [LQFP64]           | (2683)       |
| Fujitsu | MB9AF112MAPMP [LQFP80]           | (2729)       |
| Fujitsu | MB9AF112MPMP [LQFP80]            | (2729)       |
| Fujitsu | MB9AF112NAPF [QFP100]            | (3332)       |
| Fujitsu | MB9AF112NAPMP [LQFP100]          | (2399)       |
| Fujitsu | MB9AF112NPMMP [LQFP100]          | (2399)       |
| Fujitsu | MB9AF114LAPMP [LQFP64]           | (2937)       |
| Fujitsu | MB9AF114LAPMP1 [LQFP64]          | (2683)       |
| Fujitsu | MB9AF114MAPMP [LQFP80]           | (2729)       |
| Fujitsu | MB9AF114NAPF [QFP100]            | (3332)       |
| Fujitsu | MB9AF114NAPMP [LQFP100]          | (2399)       |
| Fujitsu | MB9AF116NAPMP [LQFP100]          | (2987)       |
| Fujitsu | MB9AF116NPMMP [LQFP100]          | (2987)       |
| Fujitsu | MB9AF121KPMC [LQFP48]            | (2963)       |
| Fujitsu | MB9AF121KPMC1 [LQFP52]           | (3039)       |
| Fujitsu | MB9AF121KWQN [QFN48]             | (3049)       |
| Fujitsu | MB9AF121LPMC [LQFP64]            | (2937)       |
| Fujitsu | MB9AF121LPMC1 [LQFP64]           | (2683)       |
| Fujitsu | MB9AF121LWQN [QFN64]             | (4425)       |
| Fujitsu | MB9AF131KAPMP [LQFP48]           | (2963)       |
| Fujitsu | MB9AF131LAPMP [LQFP64]           | (2937)       |
| Fujitsu | MB9AF131LAPMP1 [LQFP64]          | (2683)       |
| Fujitsu | MB9AF132KAPMP [LQFP48]           | (2963)       |
| Fujitsu | MB9AF132LAPMP [LQFP64]           | (2937)       |
| Fujitsu | MB9AF132LAPMP1 [LQFP64]          | (2683)       |
| Fujitsu | MB9AF141LAPMP [LQFP64]           | (2937)       |
| Fujitsu | MB9AF141LAPMP1 [LQFP64]          | (2683)       |
| Fujitsu | MB9AF141MABGL [PFBGA96]          | (4533)       |
| Fujitsu | MB9AF141MAPMP [LQFP80]           | (2729)       |
| Fujitsu | MB9AF141NAPMP [LQFP100]          | (2987)       |
| Fujitsu | MB9AF141NAPQC [QFP100]           | (3332)       |
| Fujitsu | MB9AF142LAPMP [LQFP64]           | (2937)       |
| Fujitsu | MB9AF142LAPMP1 [LQFP64]          | (2683)       |
| Fujitsu | MB9AF142MABGL [PFBGA96]          | (4533)       |
| Fujitsu | MB9AF142MAPMP [LQFP80]           | (2729)       |
| Fujitsu | MB9AF142NAPMP [LQFP100]          | (2987)       |
| Fujitsu | MB9AF142NAPQC [QFP100]           | (3332)       |
| Fujitsu | MB9AF144LAPMP [LQFP64]           | (2937)       |
| Fujitsu | MB9AF144LAPMP1 [LQFP64]          | (2683)       |
| Fujitsu | MB9AF144MABGL [PFBGA96]          | (4533)       |
| Fujitsu | MB9AF144MAPMP [LQFP80]           | (2729)       |
| Fujitsu | MB9AF144NAPMP [LQFP100]          | (2987)       |

|          |                |            |        |
|----------|----------------|------------|--------|
| Fujiitsu | MB9AF144NAPQC  | [QFP100]   | (3332) |
| Fujiitsu | MB9AF154NPMC   | [LQFP100]  | (2987) |
| Fujiitsu | MB9AF154RPMC   | [LQFP120]  | (3672) |
| Fujiitsu | MB9AF155NPMC   | [LQFP100]  | (2987) |
| Fujiitsu | MB9AF155RPMC   | [LQFP120]  | (3672) |
| Fujiitsu | MB9AF156NPMC   | [LQFP100]  | (2987) |
| Fujiitsu | MB9AF156RPMC   | [LQFP120]  | (3672) |
| Fujiitsu | MB9AF311KPMC   | [LQFP48]   | (2963) |
| Fujiitsu | MB9AF311KPMC1  | [LQFP52]   | (3039) |
| Fujiitsu | MB9AF311KQN    | [QFN48]    | (3049) |
| Fujiitsu | MB9AF311LAPMC  | [LQFP64]   | (2937) |
| Fujiitsu | MB9AF311LAPMC1 | [LQFP64]   | (2683) |
| Fujiitsu | MB9AF311LPMC   | [LQFP64]   | (2937) |
| Fujiitsu | MB9AF311LPMC1  | [LQFP64]   | (2683) |
| Fujiitsu | MB9AF311MAPMC  | [LQFP80]   | (2729) |
| Fujiitsu | MB9AF311MPMC   | [LQFP80]   | (2729) |
| Fujiitsu | MB9AF311NAPF   | [QFP100]   | (3332) |
| Fujiitsu | MB9AF311NAPMC  | [LQFP100]  | (2399) |
| Fujiitsu | MB9AF311NPMC   | [LQFP100]  | (2399) |
| Fujiitsu | MB9AF312KPMC   | [LQFP48]   | (2963) |
| Fujiitsu | MB9AF312KPMC1  | [LQFP52]   | (3039) |
| Fujiitsu | MB9AF312KQN    | [QFN48]    | (3049) |
| Fujiitsu | MB9AF312LAPMC  | [LQFP64]   | (2937) |
| Fujiitsu | MB9AF312LAPMC1 | [LQFP64]   | (2683) |
| Fujiitsu | MB9AF312LPMC   | [LQFP64]   | (2937) |
| Fujiitsu | MB9AF312LPMC1  | [LQFP64]   | (2683) |
| Fujiitsu | MB9AF312MAPMC  | [LQFP80]   | (2729) |
| Fujiitsu | MB9AF312MPMC   | [LQFP80]   | (2729) |
| Fujiitsu | MB9AF312NAPF   | [QFP100]   | (3332) |
| Fujiitsu | MB9AF312NAPMC  | [LQFP100]  | (2399) |
| Fujiitsu | MB9AF312NPMC   | [LQFP100]  | (2399) |
| Fujiitsu | MB9AF314LAPMC  | [LQFP64]   | (2937) |
| Fujiitsu | MB9AF314LAPMC1 | [LQFP64]   | (2683) |
| Fujiitsu | MB9AF314LPMC   | [LQFP64]   | (2937) |
| Fujiitsu | MB9AF314LPMC1  | [LQFP64]   | (2683) |
| Fujiitsu | MB9AF314MAPMC  | [LQFP80]   | (2729) |
| Fujiitsu | MB9AF314MPMC   | [LQFP80]   | (2729) |
| Fujiitsu | MB9AF314NAPF   | [QFP100]   | (3332) |
| Fujiitsu | MB9AF314NAPMC  | [LQFP100]  | (2399) |
| Fujiitsu | MB9AF314NPMC   | [LQFP100]  | (2399) |
| Fujiitsu | MB9AF316NAPMC  | [LQFP100]  | (2987) |
| Fujiitsu | MB9AF341LAPMC  | [LQFP64]   | (2937) |
| Fujiitsu | MB9AF341LAPMC1 | [LQFP64]   | (2683) |
| Fujiitsu | MB9AF341MABGL  | [PFBGA96]  | (4533) |
| Fujiitsu | MB9AF341MAPMC  | [LQFP80]   | (2729) |
| Fujiitsu | MB9AF341NAPMC  | [LQFP100]  | (2987) |
| Fujiitsu | MB9AF341NAPQC  | [QFP100]   | (3332) |
| Fujiitsu | MB9AF342LAPMC  | [LQFP64]   | (2937) |
| Fujiitsu | MB9AF342LAPMC1 | [LQFP64]   | (2683) |
| Fujiitsu | MB9AF342MABGL  | [PFBGA96]  | (4533) |
| Fujiitsu | MB9AF342MAPMC  | [LQFP80]   | (2729) |
| Fujiitsu | MB9AF342NAPMC  | [LQFP100]  | (2987) |
| Fujiitsu | MB9AF342NAPQC  | [QFP100]   | (3332) |
| Fujiitsu | MB9AF344LAPMC  | [LQFP64]   | (2937) |
| Fujiitsu | MB9AF344LAPMC1 | [LQFP64]   | (2683) |
| Fujiitsu | MB9AF344MABGL  | [PFBGA96]  | (4533) |
| Fujiitsu | MB9AF344MAPMC  | [LQFP80]   | (2729) |
| Fujiitsu | MB9AF344NAPMC  | [LQFP100]  | (2987) |
| Fujiitsu | MB9AF344NAPQC  | [QFP100]   | (3332) |
| Fujiitsu | MB9AF421KPMC   | [LQFP48]   | (2963) |
| Fujiitsu | MB9AF421KPMC1  | [LQFP52]   | (3039) |
| Fujiitsu | MB9AF421KWQN   | [QFN48]    | (3049) |
| Fujiitsu | MB9AF421LPMC   | [LQFP64]   | (2937) |
| Fujiitsu | MB9AF421LPMC1  | [LQFP64]   | (2683) |
| Fujiitsu | MB9AF421LWQN   | [QFN64]    | (4425) |
| Fujiitsu | MB9AFA311LPMC  | [LQFP64]   | (2937) |
| Fujiitsu | MB9AFA311LPMC1 | [LQFP64]   | (2683) |
| Fujiitsu | MB9AFA31MPMC1  | [LQFP80]   | (3215) |
| Fujiitsu | MB9AFA32LPMC   | [LQFP64]   | (2937) |
| Fujiitsu | MB9AFA32LPMC1  | [LQFP64]   | (2683) |
| Fujiitsu | MB9AFA32MPMC1  | [LQFP80]   | (3215) |
| Fujiitsu | MB9AFA41LBPMC  | [LQFP64]   | (2937) |
| Fujiitsu | MB9AFA41LBPMC1 | [LQFP64]   | (2683) |
| Fujiitsu | MB9AFA41LBQN   | [QFN64]    | (4425) |
| Fujiitsu | MB9AFA41MBBGL  | [PFBGA96]  | (4533) |
| Fujiitsu | MB9AFA41MBPMC  | [LQFP80]   | (2729) |
| Fujiitsu | MB9AFA41MBPMC1 | [LQFP80]   | (3215) |
| Fujiitsu | MB9AFA41NBBGL  | [PFBGA112] | (3154) |
| Fujiitsu | MB9AFA41NBPNC  | [LQFP100]  | (2987) |
| Fujiitsu | MB9AFA42LBPMC  | [LQFP64]   | (2937) |
| Fujiitsu | MB9AFA42LBPMC1 | [LQFP64]   | (2683) |
| Fujiitsu | MB9AFA42LBQN   | [QFN64]    | (4425) |
| Fujiitsu | MB9AFA42MBBGL  | [PFBGA96]  | (4533) |
| Fujiitsu | MB9AFA42MBPMC  | [LQFP80]   | (2729) |
| Fujiitsu | MB9AFA42MBPMC1 | [LQFP80]   | (3215) |
| Fujiitsu | MB9AFA42NBBGL  | [PFBGA112] | (3154) |
| Fujiitsu | MB9AFA42NBPNC  | [LQFP100]  | (2987) |
| Fujiitsu | MB9AFA44LBPMC  | [LQFP64]   | (2937) |
| Fujiitsu | MB9AFA44LBPMC1 | [LQFP64]   | (2683) |
| Fujiitsu | MB9AFA44LBQN   | [QFN64]    | (4425) |
| Fujiitsu | MB9AFA44MBBGL  | [PFBGA96]  | (4533) |
| Fujiitsu | MB9AFA44MBPMC  | [LQFP80]   | (2729) |
| Fujiitsu | MB9AFA44MBPMC1 | [LQFP80]   | (3215) |
| Fujiitsu | MB9AFA44NBBGL  | [PFBGA112] | (3154) |
| Fujiitsu | MB9AFA44NBPNC  | [LQFP100]  | (2987) |
| Fujiitsu | MB9AFB41LAPMC  | [LQFP64]   | (2937) |
| Fujiitsu | MB9AFB41LAPMC1 | [LQFP64]   | (2683) |
| Fujiitsu | MB9AFB41MAPMC  | [LQFP80]   | (2729) |
| Fujiitsu | MB9AFB41NAPMC  | [LQFP100]  | (2987) |
| Fujiitsu | MB9AFB42LAPMC  | [LQFP64]   | (2937) |
| Fujiitsu | MB9AFB42LAPMC1 | [LQFP64]   | (2683) |
| Fujiitsu | MB9AFB42MAPMC  | [LQFP80]   | (2729) |
| Fujiitsu | MB9AFB42NAPMC  | [LQFP100]  | (2987) |
| Fujiitsu | MB9AFB44LAPMC  | [LQFP64]   | (2937) |
| Fujiitsu | MB9AFB44LAPMC1 | [LQFP64]   | (2683) |
| Fujiitsu | MB9AFB44MAPMC  | [LQFP80]   | (2729) |
| Fujiitsu | MB9AFB44NAPMC  | [LQFP100]  | (2987) |
| Fujiitsu | MB9BF104NBGL   | [PFBGA112] | (3303) |
| Fujiitsu | MB9BF104NPMC   | [LQFP100]  | (2399) |
| Fujiitsu | MB9BF104RPMC   | [LQFP120]  | (2363) |
| Fujiitsu | MB9BF105NBGL   | [PFBGA112] | (3303) |
| Fujiitsu | MB9BF105NPMC   | [LQFP100]  | (2399) |
| Fujiitsu | MB9BF105RPMC   | [LQFP120]  | (2363) |
| Fujiitsu | MB9BF106NBGL   | [PFBGA112] | (3303) |
| Fujiitsu | MB9BF106NPMC   | [LQFP100]  | (2399) |
| Fujiitsu | MB9BF106RPMC   | [LQFP120]  | (2363) |
| Fujiitsu | MB9BF112NBGL   | [PFBGA112] | (3154) |
| Fujiitsu | MB9BF112NPMC   | [LQFP100]  | (2987) |
| Fujiitsu | MB9BF112NPQC   | [QFP100]   | (3332) |
| Fujiitsu | MB9BF112RPMC   | [LQFP120]  | (3672) |
| Fujiitsu | MB9BF114NBGL   | [PFBGA112] | (3154) |
| Fujiitsu | MB9BF114NPMC   | [LQFP100]  | (2987) |
| Fujiitsu | MB9BF114NPQC   | [QFP100]   | (3332) |
| Fujiitsu | MB9BF114RPMC   | [LQFP120]  | (3672) |
| Fujiitsu | MB9BF115NBGL   | [PFBGA112] | (3154) |
| Fujiitsu | MB9BF115NPMC   | [LQFP100]  | (2987) |
| Fujiitsu | MB9BF115NPQC   | [QFP100]   | (3332) |
| Fujiitsu | MB9BF115RPMC   | [LQFP120]  | (3672) |

|         |                    |            |              |
|---------|--------------------|------------|--------------|
| Fujitsu | MB9BF116NBGL       | [PFBGA112] | (3154)       |
| Fujitsu | MB9BF116NPMC       | [LQFP100]  | (2987)       |
| Fujitsu | MB9BF116NPQC       | [QFP100]   | (3332)       |
| Fujitsu | MB9BF116RPMC       | [LQFP120]  | (3672)       |
| Fujitsu | MB9BF116SPMC       | [LQFP144]  | (3157)       |
| Fujitsu | MB9BF116TBGL       | [PFBGA192] | (3155)       |
| Fujitsu | MB9BF116TPMC       | [LQFP176]  | (3156)       |
| Fujitsu | MB9BF117SPMC       | [LQFP144]  | (3157)       |
| Fujitsu | MB9BF117TBGL       | [PFBGA192] | (3155)       |
| Fujitsu | MB9BF117TPMC       | [LQFP176]  | (3156)       |
| Fujitsu | MB9BF118SPMC       | [LQFP144]  | (3157)       |
| Fujitsu | MB9BF118TBGL       | [PFBGA192] | (3155)       |
| Fujitsu | MB9BF118TPMC       | [LQFP176]  | (3156)       |
| Fujitsu | MB9BF121KPMC       | [LQFP48]   | (2963)       |
| Fujitsu | MB9BF121LPMC       | [LQFP64]   | (2937)       |
| Fujitsu | MB9BF121LPMC1      | [LQFP64]   | (2683)       |
| Fujitsu | MB9BF121MBGL       | [PFBGA96]  | (4817)       |
| Fujitsu | MB9BF121MPMC       | [LQFP80]   | (4113)       |
| Fujitsu | MB9BF122KPMC       | [LQFP48]   | (2963)       |
| Fujitsu | MB9BF122LPMC       | [LQFP64]   | (2937)       |
| Fujitsu | MB9BF122LPMC1      | [LQFP64]   | (2683)       |
| Fujitsu | MB9BF122MBGL       | [PFBGA96]  | (4817)       |
| Fujitsu | MB9BF122MPMC       | [LQFP80]   | (4113)       |
| Fujitsu | MB9BF124KPMC       | [LQFP48]   | (2963)       |
| Fujitsu | MB9BF124LPMC       | [LQFP64]   | (2937)       |
| Fujitsu | MB9BF124LPMC1      | [LQFP64]   | (2683)       |
| Fujitsu | MB9BF124MBGL       | [PFBGA96]  | (4817)       |
| Fujitsu | MB9BF124MPMC       | [LQFP80]   | (4113)       |
| Fujitsu | MB9BF166NPMC       | [LQFP100]  | (4019)       |
| Fujitsu | MB9BF166RPMC       | [LQFP120]  | (3826)       |
| Fujitsu | MB9BF167NPMC       | [LQFP100]  | (4019)       |
| Fujitsu | MB9BF167RPMC       | [LQFP120]  | (3826)       |
| Fujitsu | MB9BF168NPMC       | [LQFP100]  | (4019)       |
| Fujitsu | MB9BF168RPMC       | [LQFP120]  | (3826)       |
| Fujitsu | MB9BF216SPMC       | [LQFP144]  | (3157)       |
| Fujitsu | MB9BF216TBGL       | [PFBGA192] | (3155)       |
| Fujitsu | MB9BF216TPMC       | [LQFP176]  | (3156)       |
| Fujitsu | MB9BF217SPMC       | [LQFP144]  | (3157)       |
| Fujitsu | MB9BF217TBGL       | [PFBGA192] | (3155)       |
| Fujitsu | MB9BF217TPMC       | [LQFP176]  | (3156)       |
| Fujitsu | MB9BF218SPMC       | [LQFP144]  | (3157)       |
| Fujitsu | MB9BF218TBGL       | [PFBGA192] | (3155)       |
| Fujitsu | MB9BF218TPMC       | [LQFP176]  | (3156)       |
| Fujitsu | MB9BF304NBGL       | [PFBGA112] | (3303)       |
| Fujitsu | MB9BF304NPMC       | [LQFP100]  | (2399)       |
| Fujitsu | MB9BF304RPMC       | [LQFP120]  | (2363)       |
| Fujitsu | MB9BF305NBGL       | [PFBGA112] | (3303)       |
| Fujitsu | MB9BF305NPMC       | [LQFP100]  | (2399)       |
| Fujitsu | MB9BF305RPMC       | [LQFP120]  | (2363)       |
| Fujitsu | MB9BF306NBGL       | [PFBGA112] | (3303)       |
| Fujitsu | MB9BF306NPMC       | [LQFP100]  | (2399)       |
| Fujitsu | MB9BF306RPMC       | [LQFP120]  | (2363)       |
| Fujitsu | MB9BF312NBGL       | [PFBGA112] | (3154)       |
| Fujitsu | MB9BF312NPMC       | [LQFP100]  | (2987)       |
| Fujitsu | MB9BF312NPQC       | [QFP100]   | (3332)       |
| Fujitsu | MB9BF312RPMC       | [LQFP120]  | (3672)       |
| Fujitsu | MB9BF314NBGL       | [PFBGA112] | (3154)       |
| Fujitsu | MB9BF314NPMC       | [LQFP100]  | (2987)       |
| Fujitsu | MB9BF314NPQC       | [QFP100]   | (3332)       |
| Fujitsu | MB9BF314RPMC       | [LQFP120]  | (3672)       |
| Fujitsu | MB9BF315NBGL       | [PFBGA112] | (3154)       |
| Fujitsu | MB9BF315NPMC       | [LQFP100]  | (2987)       |
| Fujitsu | MB9BF315NPQC       | [QFP100]   | (3332)       |
| Fujitsu | MB9BF315RPMC       | [LQFP120]  | (3672)       |
| Fujitsu | MB9BF316NBGL       | [PFBGA112] | (3154)       |
| Fujitsu | MB9BF316NPMC       | [LQFP100]  | (2987)       |
| Fujitsu | MB9BF316NPQC       | [QFP100]   | (3332)       |
| Fujitsu | MB9BF316RPMC       | [LQFP120]  | (3672)       |
| Fujitsu | MB9BF316SPMC       | [LQFP144]  | (3157)       |
| Fujitsu | MB9BF316TBGL       | [PFBGA192] | (3155)       |
| Fujitsu | MB9BF316TPMC       | [LQFP176]  | (3156)       |
| Fujitsu | MB9BF317SPMC       | [LQFP144]  | (3157)       |
| Fujitsu | MB9BF317TBGL       | [PFBGA192] | (3155)       |
| Fujitsu | MB9BF317TPMC       | [LQFP176]  | (3156)       |
| Fujitsu | MB9BF318SPMC       | [LQFP144]  | (3157)       |
| Fujitsu | MB9BF318TBGL       | [PFBGA192] | (3155)       |
| Fujitsu | MB9BF318TPMC       | [LQFP176]  | (3156)       |
| Fujitsu | MB9BF321KPMC       | [LQFP48]   | (2963)       |
| Fujitsu | MB9BF321LPMC       | [LQFP64]   | (2937)       |
| Fujitsu | MB9BF321LPMC1      | [LQFP64]   | (2683)       |
| Fujitsu | MB9BF321MBGL       | [PFBGA96]  | (4817)       |
| Fujitsu | MB9BF321MPMC       | [LQFP80]   | (4113)       |
| Fujitsu | MB9BF322KPMC       | [LQFP48]   | (2963)       |
| Fujitsu | MB9BF322LPMC       | [LQFP64]   | (2937)       |
| Fujitsu | MB9BF322LPMC1      | [LQFP64]   | (2683)       |
| Fujitsu | MB9BF322MBGL       | [PFBGA96]  | (4817)       |
| Fujitsu | MB9BF322MPMC       | [LQFP80]   | (4113)       |
| Fujitsu | MB9BF324KPMC       | [LQFP48]   | (2963)       |
| Fujitsu | MB9BF324LPMC       | [LQFP64]   | (2937)       |
| Fujitsu | MB9BF324LPMC1      | [LQFP64]   | (2683)       |
| Fujitsu | MB9BF324MBGL       | [PFBGA96]  | (4817)       |
| Fujitsu | MB9BF324MPMC       | [LQFP80]   | (4113)       |
| Fujitsu | MB9BF366NPMC       | [LQFP100]  | (4019)       |
| Fujitsu | MB9BF366RPMC       | [LQFP120]  | (3826)       |
| Fujitsu | MB9BF367NPMC       | [LQFP100]  | (4019)       |
| Fujitsu | MB9BF367RPMC       | [LQFP120]  | (3826)       |
| Fujitsu | MB9BF368NPMC       | [LQFP100]  | (4019)       |
| Fujitsu | MB9BF368RPMC       | [LQFP120]  | (3826)       |
| Fujitsu | MB9BF404NBGL       | [PFBGA112] | (3303)       |
| Fujitsu | MB9BF404NPMC       | [LQFP100]  | (2399)       |
| Fujitsu | MB9BF404RPMC       | [LQFP120]  | (2363)       |
| Fujitsu | MB9BF405NBGL       | [PFBGA112] | (3303)       |
| Fujitsu | MB9BF405NPMC       | [LQFP100]  | (2399)       |
| Fujitsu | MB9BF405RPMC       | [LQFP120]  | (2363)       |
| Fujitsu | MB9BF406NBGL       | [PFBGA112] | (3303)       |
| Fujitsu | MB9BF406NPMC       | [LQFP100]  | (2399)       |
| Fujitsu | MB9BF406RPMC       | [LQFP120]  | (2363)       |
| Fujitsu | MB9BF412NBGL       | [PFBGA112] | (3154)       |
| Fujitsu | MB9BF412NPMC       | [LQFP100]  | (2987)       |
| Fujitsu | MB9BF412NPQC       | [QFP100]   | (3332)       |
| Fujitsu | MB9BF412RPMC       | [LQFP120]  | (3672)       |
| Fujitsu | MB9BF414NBGL       | [PFBGA112] | (3154)       |
| Fujitsu | MB9BF414NPMC       | [LQFP100]  | (2987)       |
| Fujitsu | MB9BF414NPQC       | [QFP100]   | (3332)       |
| Fujitsu | MB9BF414RPMC       | [LQFP120]  | (3672)       |
| Fujitsu | MB9BF415NBGL       | [PFBGA112] | (3154)       |
| Fujitsu | MB9BF415NPMC       | [LQFP100]  | (2987)       |
| Fujitsu | MB9BF415NPQC       | [QFP100]   | (3332)       |
| Fujitsu | MB9BF415RPMC       | [LQFP120]  | (3672)       |
| Fujitsu | MB9BF416 (ISP-SPI) |            | (138) (9997) |
| Fujitsu | MB9BF416NBGL       | [PFBGA112] | (3154)       |
| Fujitsu | MB9BF416NPMC       | [LQFP100]  | (2987)       |
| Fujitsu | MB9BF416NPQC       | [QFP100]   | (3332)       |
| Fujitsu | MB9BF416RPMC       | [LQFP120]  | (3672)       |
| Fujitsu | MB9BF416SPMC       | [LQFP144]  | (3157)       |
| Fujitsu | MB9BF416TBGL       | [PFBGA192] | (3155)       |
| Fujitsu | MB9BF416TPMC       | [LQFP176]  | (3156)       |
| Fujitsu | MB9BF417SPMC       | [LQFP144]  | (3157)       |

|         |               |            |        |
|---------|---------------|------------|--------|
| Fujitsu | MB9BF417TBGL  | [PFBGA192] | (3155) |
| Fujitsu | MB9BF417TPMC  | [LQFP176]  | (3156) |
| Fujitsu | MB9BF418SPMC  | [LQFP144]  | (3157) |
| Fujitsu | MB9BF418TBGL  | [PFBGA192] | (3155) |
| Fujitsu | MB9BF418TPMC  | [LQFP176]  | (3156) |
| Fujitsu | MB9BF466NPMC  | [LQFP100]  | (4019) |
| Fujitsu | MB9BF466RPMC  | [LQFP120]  | (3826) |
| Fujitsu | MB9BF467NPMC  | [LQFP100]  | (4019) |
| Fujitsu | MB9BF467RPMC  | [LQFP120]  | (3826) |
| Fujitsu | MB9BF468NPMC  | [LQFP100]  | (4019) |
| Fujitsu | MB9BF468RPMC  | [LQFP120]  | (3826) |
| Fujitsu | MB9BF504NBGL  | [PFBGA112] | (3303) |
| Fujitsu | MB9BF504NPMC  | [LQFP100]  | (2399) |
| Fujitsu | MB9BF504RPMC  | [LQFP120]  | (2363) |
| Fujitsu | MB9BF505NBGL  | [PFBGA112] | (3303) |
| Fujitsu | MB9BF505NPMC  | [LQFP100]  | (2399) |
| Fujitsu | MB9BF505RPMC  | [LQFP120]  | (2363) |
| Fujitsu | MB9BF506NBGL  | [PFBGA112] | (3303) |
| Fujitsu | MB9BF506NPMC  | [LQFP100]  | (2399) |
| Fujitsu | MB9BF506RPMC  | [LQFP120]  | (2363) |
| Fujitsu | MB9BF512NBGL  | [PFBGA112] | (3154) |
| Fujitsu | MB9BF512NPMC  | [LQFP100]  | (2987) |
| Fujitsu | MB9BF512NPQC  | [QFP100]   | (3332) |
| Fujitsu | MB9BF512RPMC  | [LQFP120]  | (3672) |
| Fujitsu | MB9BF514NBGL  | [PFBGA112] | (3154) |
| Fujitsu | MB9BF514NPMC  | [LQFP100]  | (2987) |
| Fujitsu | MB9BF514NPQC  | [QFP100]   | (3332) |
| Fujitsu | MB9BF514RPMC  | [LQFP120]  | (3672) |
| Fujitsu | MB9BF515NBGL  | [PFBGA112] | (3154) |
| Fujitsu | MB9BF515NPMC  | [LQFP100]  | (2987) |
| Fujitsu | MB9BF515NPQC  | [QFP100]   | (3332) |
| Fujitsu | MB9BF515RPMC  | [LQFP120]  | (3672) |
| Fujitsu | MB9BF516NBGL  | [PFBGA112] | (3154) |
| Fujitsu | MB9BF516NPMC  | [LQFP100]  | (2987) |
| Fujitsu | MB9BF516NPQC  | [QFP100]   | (3332) |
| Fujitsu | MB9BF516RPMC  | [LQFP120]  | (3672) |
| Fujitsu | MB9BF516SPMC  | [LQFP144]  | (3157) |
| Fujitsu | MB9BF516TBGL  | [PFBGA192] | (3155) |
| Fujitsu | MB9BF516TPMC  | [LQFP176]  | (3156) |
| Fujitsu | MB9BF517SPMC  | [LQFP144]  | (3157) |
| Fujitsu | MB9BF517TBGL  | [PFBGA192] | (3155) |
| Fujitsu | MB9BF517TPMC  | [LQFP176]  | (3156) |
| Fujitsu | MB9BF518SPMC  | [LQFP144]  | (3157) |
| Fujitsu | MB9BF518TBGL  | [PFBGA192] | (3155) |
| Fujitsu | MB9BF518TPMC  | [LQFP176]  | (3156) |
| Fujitsu | MB9BF521KPMC  | [LQFP48]   | (2963) |
| Fujitsu | MB9BF521LPMC  | [LQFP64]   | (2937) |
| Fujitsu | MB9BF521LPMC1 | [LQFP64]   | (2683) |
| Fujitsu | MB9BF521MBGL  | [PFBGA96]  | (4817) |
| Fujitsu | MB9BF521MPMC  | [LQFP80]   | (4113) |
| Fujitsu | MB9BF522KPMC  | [LQFP48]   | (2963) |
| Fujitsu | MB9BF522LPMC  | [LQFP64]   | (2937) |
| Fujitsu | MB9BF522LPMC1 | [LQFP64]   | (2683) |
| Fujitsu | MB9BF522MBGL  | [PFBGA96]  | (4817) |
| Fujitsu | MB9BF522MPMC  | [LQFP80]   | (4113) |
| Fujitsu | MB9BF524KPMC  | [LQFP48]   | (2963) |
| Fujitsu | MB9BF524LPMC  | [LQFP64]   | (2937) |
| Fujitsu | MB9BF524LPMC1 | [LQFP64]   | (2683) |
| Fujitsu | MB9BF524MBGL  | [PFBGA96]  | (4817) |
| Fujitsu | MB9BF524MPMC  | [LQFP80]   | (4113) |
| Fujitsu | MB9BF564KPMC  | [LQFP48]   | (3635) |
| Fujitsu | MB9BF564KQN   | [QFN48]    | (4055) |
| Fujitsu | MB9BF564LPMC1 | [LQFP64]   | (3169) |
| Fujitsu | MB9BF565KPMC  | [LQFP48]   | (3635) |
| Fujitsu | MB9BF565KQN   | [QFN48]    | (4055) |
| Fujitsu | MB9BF565LPMC1 | [LQFP64]   | (3169) |
| Fujitsu | MB9BF566KPMC  | [LQFP48]   | (3635) |
| Fujitsu | MB9BF566KQN   | [QFN48]    | (4055) |
| Fujitsu | MB9BF566LPMC1 | [LQFP64]   | (3169) |
| Fujitsu | MB9BF566NPMC  | [LQFP100]  | (4019) |
| Fujitsu | MB9BF566RPMC  | [LQFP120]  | (3826) |
| Fujitsu | MB9BF567NPMC  | [LQFP100]  | (4019) |
| Fujitsu | MB9BF567RPMC  | [LQFP120]  | (3826) |
| Fujitsu | MB9BF568NPMC  | [LQFP100]  | (4019) |
| Fujitsu | MB9BF568RPMC  | [LQFP120]  | (3826) |
| Fujitsu | MB9BF616SPMC  | [LQFP144]  | (3157) |
| Fujitsu | MB9BF616TBGL  | [PFBGA192] | (3155) |
| Fujitsu | MB9BF616TPMC  | [LQFP176]  | (3156) |
| Fujitsu | MB9BF617SPMC  | [LQFP144]  | (3157) |
| Fujitsu | MB9BF617TBGL  | [PFBGA192] | (3155) |
| Fujitsu | MB9BF617TPMC  | [LQFP176]  | (3156) |
| Fujitsu | MB9BF618SPMC  | [LQFP144]  | (3157) |
| Fujitsu | MB9BF618TBGL  | [PFBGA192] | (3155) |
| Fujitsu | MB9BF618TPMC  | [LQFP176]  | (3156) |
| Fujitsu | MBL8049N      |            |        |
| Fujitsu | MBL8049N      |            |        |
| Fujitsu | MBL8742N      |            |        |
| Fujitsu | MBL8748N      |            |        |
| Fujitsu | MBL8749N      |            |        |
| Fujitsu | MBM2212       |            |        |
| Fujitsu | MBM27128      |            |        |
| Fujitsu | MBM2716       |            |        |
| Fujitsu | MBM2716H      |            |        |
| Fujitsu | MBM27256      |            |        |
| Fujitsu | MBM27256      | [LCC32]    | (561)  |
| Fujitsu | MBM2732       |            |        |
| Fujitsu | MBM2732A      |            |        |
| Fujitsu | MBM2764       |            |        |
| Fujitsu | MBM27C1000    |            |        |
| Fujitsu | MBM27C1001    |            |        |
| Fujitsu | MBM27C1001A   |            |        |
| Fujitsu | MBM27C1024    |            |        |
| Fujitsu | MBM27C1028    |            |        |
| Fujitsu | MBM27C128     |            |        |
| Fujitsu | MBM27C128     | [PLCC32]   | (59)   |
| Fujitsu | MBM27C128P    |            |        |
| Fujitsu | MBM27C2000    |            |        |
| Fujitsu | MBM27C2048    |            |        |
| Fujitsu | MBM27C256     |            |        |
| Fujitsu | MBM27C256     | [LCC32]    | (561)  |
| Fujitsu | MBM27C256A    |            |        |
| Fujitsu | MBM27C256A    | [LCC32]    | (561)  |
| Fujitsu | MBM27C256AP   |            |        |
| Fujitsu | MBM27C256AP   | [SOIC28]   | (53)   |
| Fujitsu | MBM27C256H    |            |        |
| Fujitsu | MBM27C256H    | [LCC32]    | (561)  |
| Fujitsu | MBM27C32      |            |        |
| Fujitsu | MBM27C32A     |            |        |
| Fujitsu | MBM27C4001    |            |        |
| Fujitsu | MBM27C4096    |            |        |
| Fujitsu | MBM27C4096    | [PLCC44]   | (67)   |
| Fujitsu | MBM27C512     |            |        |
| Fujitsu | MBM27C512     | [LCC32]    | (561)  |
| Fujitsu | MBM27C512P    |            |        |
| Fujitsu | MBM27C64      |            |        |
| Fujitsu | MBM28C256     |            |        |
| Fujitsu | MBM28C64      |            |        |
| Fujitsu | MBM28C65      |            |        |



|          |                            |        |
|----------|----------------------------|--------|
| Fujiitsu | MBM28F010                  |        |
| Fujiitsu | MBM28F010 [PLCC32]         | (1399) |
| Fujiitsu | MBM28F010 [R-TSOP32]       | (1415) |
| Fujiitsu | MBM28F010 [TSOP32]         | (1414) |
| Fujiitsu | MBM29BS12DHxxPBT [FBGA80]  | (841)  |
| Fujiitsu | MBM29BS32LFxxPBT [FBGA60]  | (840)  |
| Fujiitsu | MBM29BT32LFxxPBT [FBGA60]  | (840)  |
| Fujiitsu | MBM29DD640E [FBGA63]       | (1279) |
| Fujiitsu | MBM29DD640E [R-TSOP48]     | (1352) |
| Fujiitsu | MBM29DD640E [TSOP48]       | (1346) |
| Fujiitsu | MBM29DL161BD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL161BD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL161BDxxPBT [FBGA48] | (533)  |
| Fujiitsu | MBM29DL161BE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL161BE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL161BExxPBT [FBGA48] | (760)  |
| Fujiitsu | MBM29DL161TD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL161TD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL161TDxxPBT [FBGA48] | (533)  |
| Fujiitsu | MBM29DL161TE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL161TE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL161TExxPBT [FBGA48] | (760)  |
| Fujiitsu | MBM29DL162BD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL162BD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL162BDxxPBT [FBGA48] | (533)  |
| Fujiitsu | MBM29DL162BE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL162BE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL162BExxPBT [FBGA48] | (760)  |
| Fujiitsu | MBM29DL162TD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL162TD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL162TDxxPBT [FBGA48] | (533)  |
| Fujiitsu | MBM29DL162TE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL162TE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL162TExxPBT [FBGA48] | (760)  |
| Fujiitsu | MBM29DL163BD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL163BD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL163BDxxPBT [FBGA48] | (533)  |
| Fujiitsu | MBM29DL163BE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL163BE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL163BExxPBT [FBGA48] | (760)  |
| Fujiitsu | MBM29DL163TD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL163TD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL163TDxxPBT [FBGA48] | (533)  |
| Fujiitsu | MBM29DL163TE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL163TE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL163TExxPBT [FBGA48] | (760)  |
| Fujiitsu | MBM29DL164BD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL164BD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL164BDxxPBT [FBGA48] | (533)  |
| Fujiitsu | MBM29DL164BE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL164BE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL164BExxPBT [FBGA48] | (760)  |
| Fujiitsu | MBM29DL164TD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL164TD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL164TDxxPBT [FBGA48] | (533)  |
| Fujiitsu | MBM29DL164TE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL164TE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL164TExxPBT [FBGA48] | (760)  |
| Fujiitsu | MBM29DL321BD [FBGA57]      | (999)  |
| Fujiitsu | MBM29DL321BD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL321BD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL321BE [FBGA63]      | (1316) |
| Fujiitsu | MBM29DL321BE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL321BE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL321TD [FBGA57]      | (999)  |
| Fujiitsu | MBM29DL321TD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL321TD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL321TE [FBGA63]      | (1316) |
| Fujiitsu | MBM29DL321TE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL321TE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL322BD [FBGA57]      | (999)  |
| Fujiitsu | MBM29DL322BD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL322BD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL322BE [FBGA63]      | (1316) |
| Fujiitsu | MBM29DL322BE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL322BE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL322TD [FBGA57]      | (999)  |
| Fujiitsu | MBM29DL322TD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL322TD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL322TE [FBGA63]      | (1316) |
| Fujiitsu | MBM29DL322TE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL322TE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL323BD [FBGA57]      | (999)  |
| Fujiitsu | MBM29DL323BD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL323BD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL323BE [FBGA63]      | (1316) |
| Fujiitsu | MBM29DL323BE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL323BE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL323TD [FBGA57]      | (999)  |
| Fujiitsu | MBM29DL323TD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL323TD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL323TE [FBGA63]      | (1316) |
| Fujiitsu | MBM29DL323TE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL323TE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL324BD [FBGA57]      | (999)  |
| Fujiitsu | MBM29DL324BD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL324BD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL324BE [FBGA63]      | (1316) |
| Fujiitsu | MBM29DL324BE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL324BE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL324TD [FBGA57]      | (999)  |
| Fujiitsu | MBM29DL324TD [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL324TD [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL324TE [FBGA63]      | (1316) |
| Fujiitsu | MBM29DL324TE [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL324TE [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL32BF [TSOP48]       | (1346) |
| Fujiitsu | MBM29DL32BFxxPBT [FBGA48]  | (537)  |
| Fujiitsu | MBM29DL32TF [TSOP48]       | (1346) |
| Fujiitsu | MBM29DL32TFxxPBT [FBGA48]  | (537)  |
| Fujiitsu | MBM29DL348F [TSOP48]       | (1346) |
| Fujiitsu | MBM29DL348FxxPBT [FBGA48]  | (537)  |
| Fujiitsu | MBM29DL34TF [TSOP48]       | (1346) |
| Fujiitsu | MBM29DL34TFxxPBT [FBGA48]  | (537)  |
| Fujiitsu | MBM29DL400BC [FBGA48]      | (760)  |
| Fujiitsu | MBM29DL400BC [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL400BC [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL400TC [FBGA48]      | (760)  |
| Fujiitsu | MBM29DL400TC [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL400TC [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL640E [FBGA63]       | (1279) |
| Fujiitsu | MBM29DL640E [R-TSOP48]     | (1352) |
| Fujiitsu | MBM29DL640E [TSOP48]       | (1346) |
| Fujiitsu | MBM29DL64DF [TSOP48]       | (1346) |
| Fujiitsu | MBM29DL64DFxxPBT [FBGA48]  | (533)  |
| Fujiitsu | MBM29DL800BA [R-TSOP48]    | (1352) |
| Fujiitsu | MBM29DL800BA [TSOP48]      | (1346) |
| Fujiitsu | MBM29DL800BAXxPBT [FBGA48] | (537)  |

|         |                                |        |
|---------|--------------------------------|--------|
| Fujitsu | MBM29DL800BAXXPBT-SF2 [FBGA48] | (537)  |
| Fujitsu | MBM29DL800TA [R-TSOP48]        | (1352) |
| Fujitsu | MBM29DL800TA [TSOP48]          | (1346) |
| Fujitsu | MBM29DL800TAXXPBT [FBGA48]     | (537)  |
| Fujitsu | MBM29DL800TAXXPBT-SF2 [FBGA48] | (537)  |
| Fujitsu | MBM29F002B [PLCC32]            | (1399) |
| Fujitsu | MBM29F002B [R-TSOP32]          | (1415) |
| Fujitsu | MBM29F002B [TSOP32]            | (1414) |
| Fujitsu | MBM29F002BC [PLCC32]           | (1399) |
| Fujitsu | MBM29F002BC [R-TSOP32]         | (1415) |
| Fujitsu | MBM29F002BC [TSOP32]           | (1414) |
| Fujitsu | MBM29F002SB [R-TSOP40]         | (1373) |
| Fujitsu | MBM29F002SB [TSOP40]           | (1368) |
| Fujitsu | MBM29F002ST [R-TSOP40]         | (1373) |
| Fujitsu | MBM29F002ST [TSOP40]           | (1368) |
| Fujitsu | MBM29F002T [PLCC32]            | (1399) |
| Fujitsu | MBM29F002T [R-TSOP32]          | (1415) |
| Fujitsu | MBM29F002T [TSOP32]            | (1414) |
| Fujitsu | MBM29F002TC [PLCC32]           | (1399) |
| Fujitsu | MBM29F002TC [R-TSOP32]         | (1415) |
| Fujitsu | MBM29F002TC [TSOP32]           | (1414) |
| Fujitsu | MBM29F004BC [PLCC32]           | (1384) |
| Fujitsu | MBM29F004BC [TSOP32]           | (1381) |
| Fujitsu | MBM29F004TC [PLCC32]           | (1384) |
| Fujitsu | MBM29F004TC [TSOP32]           | (1381) |
| Fujitsu | MBM29F016 [R-TSOP48]           | (1354) |
| Fujitsu | MBM29F016 [TSOP48]             | (1350) |
| Fujitsu | MBM29F016A [R-TSOP48]          | (1354) |
| Fujitsu | MBM29F016A [TSOP48]            | (1350) |
| Fujitsu | MBM29F017A [R-TSOP48]          | (1354) |
| Fujitsu | MBM29F017A [TSOP48]            | (1350) |
| Fujitsu | MBM29F033C [R-TSOP40]          | (1374) |
| Fujitsu | MBM29F033C [TSOP40]            | (1369) |
| Fujitsu | MBM29F040A [PLCC32]            | (1384) |
| Fujitsu | MBM29F040A [R-TSOP32]          | (1383) |
| Fujitsu | MBM29F040A [TSOP32]            | (1381) |
| Fujitsu | MBM29F040C [PLCC32]            | (1384) |
| Fujitsu | MBM29F040C [R-TSOP32]          | (1383) |
| Fujitsu | MBM29F040C [TSOP32]            | (1381) |
| Fujitsu | MBM29F080A [PSOP44]            | (1357) |
| Fujitsu | MBM29F080A [TSOP40]            | (1369) |
| Fujitsu | MBM29F080A [TSOP48]            | (1350) |
| Fujitsu | MBM29F160BE [R-TSOP48]         | (1352) |
| Fujitsu | MBM29F160BE [TSOP48]           | (1346) |
| Fujitsu | MBM29F160TE [R-TSOP48]         | (1352) |
| Fujitsu | MBM29F160TE [TSOP48]           | (1346) |
| Fujitsu | MBM29F200BA [PSOP44]           | (1356) |
| Fujitsu | MBM29F200BA [R-TSOP48]         | (1352) |
| Fujitsu | MBM29F200BA [TSOP48]           | (1346) |
| Fujitsu | MBM29F200BC [PSOP44]           | (1356) |
| Fujitsu | MBM29F200BC [R-TSOP48]         | (1352) |
| Fujitsu | MBM29F200BC [TSOP48]           | (1346) |
| Fujitsu | MBM29F200TA [PSOP44]           | (1356) |
| Fujitsu | MBM29F200TA [R-TSOP48]         | (1352) |
| Fujitsu | MBM29F200TA [TSOP48]           | (1346) |
| Fujitsu | MBM29F200TC [PSOP44]           | (1356) |
| Fujitsu | MBM29F200TC [R-TSOP48]         | (1352) |
| Fujitsu | MBM29F200TC [TSOP48]           | (1346) |
| Fujitsu | MBM29F400BA [PSOP44]           | (1356) |
| Fujitsu | MBM29F400BA [R-TSOP48]         | (1352) |
| Fujitsu | MBM29F400BA [TSOP48]           | (1346) |
| Fujitsu | MBM29F400BC [PSOP44]           | (1356) |
| Fujitsu | MBM29F400BC [R-TSOP48]         | (1352) |
| Fujitsu | MBM29F400BC [TSOP48]           | (1346) |
| Fujitsu | MBM29F400TA [PSOP44]           | (1356) |
| Fujitsu | MBM29F400TA [R-TSOP48]         | (1352) |
| Fujitsu | MBM29F400TA [TSOP48]           | (1346) |
| Fujitsu | MBM29F400TC [PSOP44]           | (1356) |
| Fujitsu | MBM29F400TC [R-TSOP48]         | (1352) |
| Fujitsu | MBM29F400TC [TSOP48]           | (1346) |
| Fujitsu | MBM29F800BA [PSOP44]           | (1356) |
| Fujitsu | MBM29F800BA [R-TSOP48]         | (1352) |
| Fujitsu | MBM29F800BA [TSOP48]           | (1346) |
| Fujitsu | MBM29F800TA [PSOP44]           | (1356) |
| Fujitsu | MBM29F800TA [R-TSOP48]         | (1352) |
| Fujitsu | MBM29F800TA [TSOP48]           | (1346) |
| Fujitsu | MBM29FS12DHxxPBT [FBGA80]      | (841)  |
| Fujitsu | MBM29LV001BC [PLCC32]          | (1399) |
| Fujitsu | MBM29LV001BC [R-TSOP32]        | (1415) |
| Fujitsu | MBM29LV001BC [TSOP32]          | (1414) |
| Fujitsu | MBM29LV001TC [PLCC32]          | (1399) |
| Fujitsu | MBM29LV001TC [R-TSOP32]        | (1415) |
| Fujitsu | MBM29LV001TC [TSOP32]          | (1414) |
| Fujitsu | MBM29LV002B [R-TSOP40]         | (1373) |
| Fujitsu | MBM29LV002B [TSOP40]           | (1368) |
| Fujitsu | MBM29LV002BC [R-TSOP40]        | (1373) |
| Fujitsu | MBM29LV002BC [TSOP40]          | (1368) |
| Fujitsu | MBM29LV002T [R-TSOP40]         | (1373) |
| Fujitsu | MBM29LV002T [TSOP40]           | (1368) |
| Fujitsu | MBM29LV002TC [R-TSOP40]        | (1373) |
| Fujitsu | MBM29LV002TC [TSOP40]          | (1368) |
| Fujitsu | MBM29LV004B [TSOP40]           | (1368) |
| Fujitsu | MBM29LV004BC [TSOP40]          | (1368) |
| Fujitsu | MBM29LV004T [TSOP40]           | (1368) |
| Fujitsu | MBM29LV004TC [TSOP40]          | (1368) |
| Fujitsu | MBM29LV008BA [R-TSOP40]        | (1373) |
| Fujitsu | MBM29LV008BA [TSOP40]          | (1368) |
| Fujitsu | MBM29LV008TA [R-TSOP40]        | (1373) |
| Fujitsu | MBM29LV008TA [TSOP40]          | (1368) |
| Fujitsu | MBM29LV016B [R-TSOP40]         | (1373) |
| Fujitsu | MBM29LV016B [TSOP40]           | (1368) |
| Fujitsu | MBM29LV016T [R-TSOP40]         | (1373) |
| Fujitsu | MBM29LV016T [TSOP40]           | (1368) |
| Fujitsu | MBM29LV017 [R-TSOP40]          | (1373) |
| Fujitsu | MBM29LV017 [TSOP40]            | (1368) |
| Fujitsu | MBM29LV017xxPBT [FBGA48]       | (533)  |
| Fujitsu | MBM29LV080 [TSOP40]            | (1368) |
| Fujitsu | MBM29LV080A [TSOP40]           | (1368) |
| Fujitsu | MBM29LV160B [FBGA48]           | (533)  |
| Fujitsu | MBM29LV160B [R-TSOP48]         | (1352) |
| Fujitsu | MBM29LV160B [TSOP48]           | (1346) |
| Fujitsu | MBM29LV160BE [FBGA48]          | (760)  |
| Fujitsu | MBM29LV160BE [R-TSOP48]        | (1352) |
| Fujitsu | MBM29LV160BE [TSOP48]          | (1346) |
| Fujitsu | MBM29LV160BM [TSOP48]          | (1346) |
| Fujitsu | MBM29LV160BMxxPBT [FBGA48]     | (760)  |
| Fujitsu | MBM29LV160T [FBGA48]           | (533)  |
| Fujitsu | MBM29LV160T [R-TSOP48]         | (1352) |
| Fujitsu | MBM29LV160T [TSOP48]           | (1346) |
| Fujitsu | MBM29LV160TE [FBGA48]          | (760)  |
| Fujitsu | MBM29LV160TE [R-TSOP48]        | (1352) |
| Fujitsu | MBM29LV160TE [TSOP48]          | (1346) |
| Fujitsu | MBM29LV160TM [TSOP48]          | (1346) |
| Fujitsu | MBM29LV160TMxxPBT [FBGA48]     | (760)  |
| Fujitsu | MBM29LV200BC [PSOP44]          | (1356) |
| Fujitsu | MBM29LV200BC [R-TSOP48]        | (1352) |
| Fujitsu | MBM29LV200BC [TSOP48]          | (1346) |
| Fujitsu | MBM29LV200TC [PSOP44]          | (1356) |

|           |                   |                   |        |
|-----------|-------------------|-------------------|--------|
| Fujitsu   | MBM29LV200TC      | [R-TSOP48]        | (1352) |
| Fujitsu   | MBM29LV200TC      | [TSOP48]          | (1346) |
| Fujitsu   | MBM29LV320BE      | [R-TSOP48]        | (1352) |
| Fujitsu   | MBM29LV320BE      | [TSOP48]          | (1346) |
| Fujitsu   | MBM29LV320TE      | [R-TSOP48]        | (1352) |
| Fujitsu   | MBM29LV320TE      | [TSOP48]          | (1346) |
| Fujitsu   | MBM29LV400B       | [PSOP44]          | (1356) |
| Fujitsu   | MBM29LV400B       | [R-TSOP48]        | (1352) |
| Fujitsu   | MBM29LV400B       | [TSOP48]          | (1346) |
| Fujitsu   | MBM29LV400BC      | [FBGA48]          | (760)  |
| Fujitsu   | MBM29LV400BC      | [PSOP44]          | (1356) |
| Fujitsu   | MBM29LV400BC      | [R-TSOP48]        | (1352) |
| Fujitsu   | MBM29LV400BC      | [TSOP48]          | (1346) |
| Fujitsu   | MBM29LV400T       | [PSOP44]          | (1356) |
| Fujitsu   | MBM29LV400T       | [R-TSOP48]        | (1352) |
| Fujitsu   | MBM29LV400T       | [TSOP48]          | (1346) |
| Fujitsu   | MBM29LV400TC      | [FBGA48]          | (760)  |
| Fujitsu   | MBM29LV400TC      | [PSOP44]          | (1356) |
| Fujitsu   | MBM29LV400TC      | [R-TSOP48]        | (1352) |
| Fujitsu   | MBM29LV400TC      | [TSOP48]          | (1346) |
| Fujitsu   | MBM29LV650UE      | [R-TSOP48]        | (1352) |
| Fujitsu   | MBM29LV650UE      | [TSOP48]          | (1346) |
| Fujitsu   | MBM29LV651UE      | [R-TSOP48]        | (1352) |
| Fujitsu   | MBM29LV651UE      | [TSOP48]          | (1346) |
| Fujitsu   | MBM29LV652UE      | [FBGA63]          | (1279) |
| Fujitsu   | MBM29LV800BA      | [FBGA48]          | (537)  |
| Fujitsu   | MBM29LV800BA      | [PSOP44]          | (1356) |
| Fujitsu   | MBM29LV800BA      | [R-TSOP48]        | (1352) |
| Fujitsu   | MBM29LV800BA      | [TSOP48]          | (1346) |
| Fujitsu   | MBM29LV800BE      | [TSOP48]          | (1346) |
| Fujitsu   | MBM29LV800BExxPBT | [FBGA48]          | (760)  |
| Fujitsu   | MBM29LV800TA      | [FBGA48]          | (537)  |
| Fujitsu   | MBM29LV800TA      | [PSOP44]          | (1356) |
| Fujitsu   | MBM29LV800TA      | [R-TSOP48]        | (1352) |
| Fujitsu   | MBM29LV800TA      | [TSOP48]          | (1346) |
| Fujitsu   | MBM29LV800TE      | [TSOP48]          | (1346) |
| Fujitsu   | MBM29LV800TExxPBT | [FBGA48]          | (760)  |
| Fujitsu   | MBM29PL12LM       | [FBGA80]          | (1296) |
| Fujitsu   | MBM29PL12LM       | [TSOP56]          | (3080) |
| Fujitsu   | MBM29PL160BD      | [PSOP44]          | (1356) |
| Fujitsu   | MBM29PL160BD      | [R-TSOP48]        | (1355) |
| Fujitsu   | MBM29PL160BD      | [TSOP48]          | (1348) |
| Fujitsu   | MBM29PL160TD      | [PSOP44]          | (1356) |
| Fujitsu   | MBM29PL160TD      | [R-TSOP48]        | (1355) |
| Fujitsu   | MBM29PL160TD      | [TSOP48]          | (1348) |
| Fujitsu   | MBM29PL3200BE     | [SSOP90]          | (472)  |
| Fujitsu   | MBM29PL3200TE     | [SSOP90]          | (472)  |
| Fujitsu   | MBM29PL32BM       | [TSOP48]          | (1346) |
| Fujitsu   | MBM29PL32BMxxPBT  | [FBGA48]          | (760)  |
| Fujitsu   | MBM29PL32TM       | [TSOP48]          | (1346) |
| Fujitsu   | MBM29PL32TMxxPBT  | [FBGA48]          | (760)  |
| Fujitsu   | MBM29PL64LM       | [FBGA80]          | (1317) |
| Fujitsu   | MBM29PL64LM       | [TSOP48]          | (1346) |
| Fujitsu   | MBM29PL64LM       | [TSOP56]          | (3080) |
| Fujitsu   | MBM29PL65LM       | [TSOP48]          | (1346) |
| Fujitsu   | MBM29QM12DH60PCN  | [FBGA80]          | (842)  |
| Fujitsu   | MBM29QM12DH60PCN  | [TSOP56]          | (1406) |
| Fujitsu   | MBM29SL800BD      | [FBGA48]          | (537)  |
| Fujitsu   | MBM29SL800BD      | [TSOP48]          | (1346) |
| Fujitsu   | MBM29SL800BExxPBT | [FBGA48]          | (849)  |
| Fujitsu   | MBM29SL800BExxPW  | [SCSP45]          | (889)  |
| Fujitsu   | MBM29SL800TD      | [FBGA48]          | (537)  |
| Fujitsu   | MBM29SL800TD      | [TSOP48]          | (1346) |
| Fujitsu   | MBM29SL800TExxPBT | [FBGA48]          | (849)  |
| Fujitsu   | MBM29SL800TExxPW  | [SCSP45]          | (889)  |
| Fujitsu   | MBM29XL12DF       | [SSOP90]          | (472)  |
| Gatelevel | GM24LC02B         |                   |        |
| Gatelevel | GM24LC02B         | (ISP)             | (138)  |
| Gatelevel | GM24LC02B         | [SOIC8]           | (950)  |
| Gatelevel | GM24LC02B         | [TSSOP8]          | (121)  |
| Gatelevel | GM24LC04B         |                   |        |
| Gatelevel | GM24LC04B         | (ISP)             | (138)  |
| Gatelevel | GM24LC04B         | [SOIC8]           | (950)  |
| Gatelevel | GM24LC08B         |                   |        |
| Gatelevel | GM24LC08B         | (ISP)             | (138)  |
| Gatelevel | GM24LC08B         | [SOIC8]           | (950)  |
| Gatelevel | GM24LC16B         |                   |        |
| Gatelevel | GM24LC16B         | (ISP)             | (138)  |
| Gatelevel | GM24LC16B         | [SOIC8]           | (950)  |
| Gencore   | GC49C501G0        | [SOIC20 (JEDEC)]  | (119)  |
| Gencore   | GC49C501G0        | [SOIC20 (Narrow)] | (1055) |
| Gencore   | GC49C501G0        | [SOIC24]          | (1062) |
| Gencore   | GC49C501G0        | [SOIC8]           | (950)  |
| Gencore   | GC49C501G0        | [SPDIP8]          |        |
| Gencore   | GC87C510A0        | [SOIC14]          | (951)  |
| Gencore   | GC87C510A0        | [SOIC16]          | (44)   |
| Gencore   | GC87C510A0        | [SOIC20]          | (119)  |
| Gencore   | GC87C510A0        | [SOIC8]           | (950)  |
| Gencore   | GC87C510A0        | [SPDIP14]         |        |
| Gencore   | GC87C510A0        | [SPDIP16]         |        |
| Gencore   | GC87C510A0        | [SPDIP20]         |        |
| Gencore   | GC87C510A0        | [SPDIP8]          |        |
| Gencore   | GC87C510A0        | [TSSOP16]         | (1088) |
| Gencore   | GC87C510A1        | [SOIC8]           | (950)  |
| Gencore   | GC87C510A1        | [SPDIP8]          |        |
| Gencore   | GC87C520A0        |                   |        |
| Gencore   | GC87C520A0        | [LQFP44]          | (94)   |
| Gencore   | GC87C520A0        | [PLCC44]          | (67)   |
| Gencore   | GC87C520G0        |                   |        |
| Gencore   | GC87C520G0        | [LQFP44]          | (94)   |
| Gencore   | GC87C520G0        | [PLCC44]          | (67)   |
| Gencore   | GC89C541A0        |                   |        |
| Gencore   | GC89C541A0        | [LQFP64]          | (597)  |
| Gencore   | GC89C541A0        | [MQFP44]          | (108)  |
| Gencore   | GC89C541A0        | [PLCC44]          | (67)   |
| Gencore   | GC89C541A0        | [PQFP44]          | (106)  |
| Gencore   | GC89C541A0        | [SDIP64]          | (600)  |
| Gencore   | GC89C541A0        | [TQFP100]         | (599)  |
| Gencore   | GC89C541A0        | [TQFP44]          | (94)   |
| Gencore   | GC89C541A0        | [TQFP64]          | (597)  |
| Gencore   | GC89C541A0        | [TQFP80]          | (598)  |
| Gencore   | GC89C541G0        |                   |        |
| Gencore   | GC89C541G0        | [LQFP64]          | (597)  |
| Gencore   | GC89C541G0        | [MQFP44]          | (108)  |
| Gencore   | GC89C541G0        | [PLCC44]          | (67)   |
| Gencore   | GC89C541G0        | [PQFP44]          | (106)  |
| Gencore   | GC89C541G0        | [SDIP64]          | (600)  |
| Gencore   | GC89C541G0        | [TQFP100]         | (599)  |
| Gencore   | GC89C541G0        | [TQFP44]          | (94)   |
| Gencore   | GC89C541G0        | [TQFP64]          | (597)  |
| Gencore   | GC89C541G0        | [TQFP80]          | (598)  |
| Gencore   | GC89C581A0        |                   |        |
| Gencore   | GC89C581A0        | [LQFP64]          | (597)  |
| Gencore   | GC89C581A0        | [MQFP44]          | (108)  |
| Gencore   | GC89C581A0        | [PLCC44]          | (67)   |
| Gencore   | GC89C581A0        | [PQFP44]          | (106)  |
| Gencore   | GC89C581A0        | [SDIP64]          | (600)  |
| Gencore   | GC89C581A0        | [TQFP100]         | (599)  |

|                    |                                 |           |             |
|--------------------|---------------------------------|-----------|-------------|
| Gencore            | GC89C581A0                      | [TQFP44]  | (94)        |
| Gencore            | GC89C581A0                      | [TQFP64]  | (597)       |
| Gencore            | GC89C581A0                      | [TQFP80]  | (598)       |
| Gencore            | GC89C581G0                      |           |             |
| Gencore            | GC89C581G0                      | [LQFP64]  | (597)       |
| Gencore            | GC89C581G0                      | [MQFP44]  | (108)       |
| Gencore            | GC89C581G0                      | [PLCC44]  | (67)        |
| Gencore            | GC89C581G0                      | [PQFP44]  | (106)       |
| Gencore            | GC89C581G0                      | [SDIP64]  | (600)       |
| Gencore            | GC89C581G0                      | [TQFP100] | (599)       |
| Gencore            | GC89C581G0                      | [TQFP44]  | (94)        |
| Gencore            | GC89C581G0                      | [TQFP64]  | (597)       |
| Gencore            | GC89C581G0                      | [TQFP80]  | (598)       |
| Gencore            | GC89C591A0                      |           |             |
| Gencore            | GC89C591A0                      | [LQFP64]  | (597)       |
| Gencore            | GC89C591A0                      | [MQFP44]  | (108)       |
| Gencore            | GC89C591A0                      | [PLCC44]  | (67)        |
| Gencore            | GC89C591A0                      | [PQFP44]  | (106)       |
| Gencore            | GC89C591A0                      | [SDIP64]  | (600)       |
| Gencore            | GC89C591A0                      | [TQFP100] | (599)       |
| Gencore            | GC89C591A0                      | [TQFP44]  | (94)        |
| Gencore            | GC89C591A0                      | [TQFP64]  | (597)       |
| Gencore            | GC89C591A0                      | [TQFP80]  | (598)       |
| Gencore            | GC89C591G0                      |           |             |
| Gencore            | GC89C591G0                      | [LQFP64]  | (597)       |
| Gencore            | GC89C591G0                      | [MQFP44]  | (108)       |
| Gencore            | GC89C591G0                      | [PLCC44]  | (67)        |
| Gencore            | GC89C591G0                      | [PQFP44]  | (106)       |
| Gencore            | GC89C591G0                      | [SDIP64]  | (600)       |
| Gencore            | GC89C591G0                      | [TQFP100] | (599)       |
| Gencore            | GC89C591G0                      | [TQFP44]  | (94)        |
| Gencore            | GC89C591G0                      | [TQFP64]  | (597)       |
| Gencore            | GC89C591G0                      | [TQFP80]  | (598)       |
| Gencore            | GC89L541A0                      | [LQFP44]  | (94)        |
| Gencore            | GC89L541A0                      | [MLF32]   | (221)       |
| Gencore            | GC89L541A0                      | [MQFP44]  | (108)       |
| Gencore            | GC89L541A0                      | [PQFP44]  | (106)       |
| Gencore            | GC89L541A0                      | [QFN32]   | (221)       |
| Gencore            | GC89L541A0                      | [QFP44]   | (108)       |
| Gencore            | GC89L581A0                      | [LQFP44]  | (94)        |
| Gencore            | GC89L581A0                      | [MLF32]   | (221)       |
| Gencore            | GC89L581A0                      | [MQFP44]  | (108)       |
| Gencore            | GC89L581A0                      | [PQFP44]  | (106)       |
| Gencore            | GC89L581A0                      | [QFN32]   | (221)       |
| Gencore            | GC89L581A0                      | [QFP44]   | (108)       |
| Gencore            | GC89L591A0                      | [LQFP44]  | (94)        |
| Gencore            | GC89L591A0                      | [MLF32]   | (221)       |
| Gencore            | GC89L591A0                      | [MQFP44]  | (108)       |
| Gencore            | GC89L591A0                      | [PQFP44]  | (106)       |
| Gencore            | GC89L591A0                      | [QFN32]   | (221)       |
| Gencore            | GC89L591A0                      | [QFP44]   | (108)       |
| General Instrument | 27256                           |           |             |
| General Instrument | 27C128                          |           |             |
| General Instrument | 27C256                          |           |             |
| General Instrument | 27C256                          | [PLCC32]  | (59)        |
| General Instrument | 27C512                          |           |             |
| General Instrument | 27C512                          | [PLCC32]  | (59)        |
| General Instrument | 27C513                          |           |             |
| General Instrument | 27C64                           |           |             |
| General Instrument | 27HC64                          |           |             |
| General Instrument | 27HC64L                         |           |             |
| General Instrument | 28C04                           |           |             |
| General Instrument | 28C04F                          |           |             |
| General Instrument | 28C16/F                         |           |             |
| General Instrument | 28C16/F                         | [PLCC32]  | (59)        |
| General Instrument | 28C17/F                         |           |             |
| General Instrument | 28C17/F                         | [PLCC32]  | (59)        |
| General Instrument | 28C64/F                         |           |             |
| General Instrument | 28C64/F                         | [PLCC32]  | (59)        |
| General Instrument | 28C64X                          |           |             |
| General Instrument | 28C64X                          | [PLCC32]  | (59)        |
| General Instrument | BAW574252                       |           |             |
| General Instrument | ER5901                          |           | (1544)      |
| General Instrument | ER5911                          |           |             |
| General Instrument | ER5911 (ISP)                    |           | (138)       |
| General Instrument | ER5911 (x8)                     |           |             |
| General Instrument | ER5911 (x8) (ISP)               |           | (138)       |
| General Instrument | ER5912                          |           |             |
| General Instrument | ER5912 (ISP)                    |           | (138)       |
| General Instrument | ER59256                         |           |             |
| General Instrument | GI5911                          |           |             |
| General Instrument | GI5911 (ISP)                    |           | (138)       |
| General Instrument | GI59C11                         |           |             |
| General Instrument | GI59C11 (ISP)                   |           | (138)       |
| General Instrument | GI59C12                         |           |             |
| General Instrument | GI59C12 (ISP)                   |           | (138)       |
| General Instrument | GI8572                          |           |             |
| Generalplus        | GPM8F1019A                      | [SSOP30]  | (2732)      |
| Generalplus        | GPM8F1033A                      | [SSOP30]  | (2732)      |
| Generalplus        | GPM8F1065A                      | [SSOP30]  | (2732)      |
| Generalplus        | GPM8F1129A                      | [SSOP30]  | (2732)      |
| Generalplus        | GPR25L005B (ISP)                |           | (138)       |
| Generalplus        | GPR25L005B [SOP8]               |           | (3095) (*1) |
| Generalplus        | GPR25L005E [SOP8]               |           | (3095) (*1) |
| Generalplus        | GPR25L010B (ISP)                |           | (138)       |
| Generalplus        | GPR25L010B [SOP8]               |           | (3095) (*1) |
| Generalplus        | GPR25L011E (ISP)                |           | (138)       |
| Generalplus        | GPR25L011E [SOP8-150]           |           | (3095) (*1) |
| Generalplus        | GPR25L020B (ISP)                |           | (138)       |
| Generalplus        | GPR25L020B [SOP8]               |           | (3095) (*1) |
| Generalplus        | GPR25L021BV (ISP)               |           | (138)       |
| Generalplus        | GPR25L021BV [SOP8-150]          |           | (3095) (*1) |
| Generalplus        | GPR25L040B (ISP)                |           | (138)       |
| Generalplus        | GPR25L040B [SOP8]               |           | (3095) (*1) |
| Generalplus        | GPR25L041B (ISP)                |           | (138)       |
| Generalplus        | GPR25L041B [SOP8-150]           |           | (3095) (*1) |
| Generalplus        | GPR25L0805E (ISP)               |           | (138)       |
| Generalplus        | GPR25L0805E [SOP8-200]          |           | (3088) (*1) |
| Generalplus        | GPR25L080B (ISP)                |           | (138)       |
| Generalplus        | GPR25L080B [SOP8]               |           | (3095) (*1) |
| Generalplus        | GPR25L081B (ISP)                |           | (138)       |
| Generalplus        | GPR25L081B [SOP8-150]           |           | (3095) (*1) |
| Generalplus        | GPR25L12805F [SOP8] (Quad I/O)  |           | (3088) (*1) |
| Generalplus        | GPR25L128A (ISP)                |           | (138)       |
| Generalplus        | GPR25L128A [SOP16]              |           | (3101) (*1) |
| Generalplus        | GPR25L1603E (ISP)               |           | (138)       |
| Generalplus        | GPR25L1603E [SOP8]              |           | (3088) (*1) |
| Generalplus        | GPR25L1605E (ISP)               |           | (138)       |
| Generalplus        | GPR25L1605E [SOP8]              |           | (3088) (*1) |
| Generalplus        | GPR25L160B [SOP16]              |           | (3101) (*1) |
| Generalplus        | GPR25L161B (ISP)                |           | (138)       |
| Generalplus        | GPR25L161B [SOP8-150]           |           | (3095) (*1) |
| Generalplus        | GPR25L162B (ISP)                |           | (138)       |
| Generalplus        | GPR25L162B [SOP8-150]           |           | (3095) (*1) |
| Generalplus        | GPR25L25605F [SOP16] (Quad I/O) |           | (3101) (*1) |
| Generalplus        | GPR25L3205E (ISP)               |           | (138)       |
| Generalplus        | GPR25L3205E [SOP8]              |           | (3088) (*1) |

|                   |                           |             |
|-------------------|---------------------------|-------------|
| Generalplus       | GPR25L320A [SOP16]        | (3101) (*1) |
| Generalplus       | GPR25L321B (ISP)          | (138)       |
| Generalplus       | GPR25L321B [SOP8-200]     | (3088) (*1) |
| Generalplus       | GPR25L322B (ISP)          | (138)       |
| Generalplus       | GPR25L322B [SOP8]         | (3088) (*1) |
| Generalplus       | GPR25L6404E (ISP)         | (138)       |
| Generalplus       | GPR25L6404E [SOP16]       | (3101) (*1) |
| Generalplus       | GPR25L6405E (ISP)         | (138)       |
| Generalplus       | GPR25L6405E [SOP8]        | (3088) (*1) |
| Generalplus       | GPR25L640A [SOP16]        | (3101) (*1) |
| Generalplus       | GPR25L641B (ISP)          | (138)       |
| Generalplus       | GPR25L641B [SOP16]        | (3101) (*1) |
| Generalplus       | GPR25L642B (ISP)          | (138)       |
| Generalplus       | GPR25L642B [SOP8]         | (3088) (*1) |
| Generalplus       | MD25D40 [SOP8-150]        | (3095) (*1) |
| Generic-EPROM     | 27128 (21v/6v/Intel)      |             |
| Generic-EPROM     | 27128 [PLCC32]            | (59)        |
| Generic-EPROM     | 27128A (12.5v/6v/Intel)   |             |
| Generic-EPROM     | 27128A [PLCC32]           | (59)        |
| Generic-EPROM     | 2716 (25v/5v/STD)         |             |
| Generic-EPROM     | 2716A (21v/5v/STD)        |             |
| Generic-EPROM     | 2716B (12.5v/6v/Intel)    |             |
| Generic-EPROM     | 27256 (21v/6v/Intel)      |             |
| Generic-EPROM     | 27256 [PLCC32]            | (59)        |
| Generic-EPROM     | 27256A (12.5v/6v/Intel)   |             |
| Generic-EPROM     | 27256A [PLCC32]           | (59)        |
| Generic-EPROM     | 2732 (25v/5v/STD)         |             |
| Generic-EPROM     | 2732A (21v/5v/STD)        |             |
| Generic-EPROM     | 2732B (12.5v/6v/Intel)    |             |
| Generic-EPROM     | 27512 (21v/6v/Intel)      |             |
| Generic-EPROM     | 27512 [PLCC32]            | (59)        |
| Generic-EPROM     | 27512A (12.5v/6v/Intel)   |             |
| Generic-EPROM     | 27512A [PLCC32]           | (59)        |
| Generic-EPROM     | 2764 (21v/6v/Intel)       |             |
| Generic-EPROM     | 2764 [PLCC32]             | (59)        |
| Generic-EPROM     | 2764A (12.5v/6v/Intel)    |             |
| Generic-EPROM     | 2764A [PLCC32]            | (59)        |
| Generic-EPROM     | 27C010 (12.75v/6.25v/QP)  |             |
| Generic-EPROM     | 27C010 [PLCC32]           | (59)        |
| Generic-EPROM     | 27C020 (12.75v/6.25v/QP)  |             |
| Generic-EPROM     | 27C020 [PLCC32]           | (59)        |
| Generic-EPROM     | 27C040 (12.75v/6.25v/QP)  |             |
| Generic-EPROM     | 27C040 [PLCC32]           | (59)        |
| Generic-EPROM     | 27C080 (12.75v/6.25v/QP)  |             |
| Generic-EPROM     | 27C080 [PLCC32]           | (59)        |
| Generic-EPROM     | 27C100 (12.75v/6.25v/QP)  |             |
| Generic-EPROM     | 27C100 [PLCC32]           | (59)        |
| Generic-EPROM     | 27C1024 [PLCC44]          | (67)        |
| Generic-EPROM     | 27C1024 (12.75v/6.25v/QP) |             |
| Generic-EPROM     | 27C128 (12.75v/6.25v/QP)  |             |
| Generic-EPROM     | 27C128 [PLCC32]           | (59)        |
| Generic-EPROM     | 27C2048 [PLCC44]          | (67)        |
| Generic-EPROM     | 27C2048 (12.75v/6.25v/QP) |             |
| Generic-EPROM     | 27C210 (12.75v/6.25v/QP)  |             |
| Generic-EPROM     | 27C220 (12.75v/6.25v/QP)  |             |
| Generic-EPROM     | 27C240 (12.75v/6.25v/QP)  |             |
| Generic-EPROM     | 27C256 (12.75v/6.25v/QP)  |             |
| Generic-EPROM     | 27C256 [PLCC32]           | (59)        |
| Generic-EPROM     | 27C4096 [PLCC44]          | (67)        |
| Generic-EPROM     | 27C4096 (12.75v/6.25v/QP) |             |
| Generic-EPROM     | 27C512 (12.75v/6.25v/QP)  |             |
| Generic-EPROM     | 27C512 [PLCC32]           | (59)        |
| Generic-EPROM     | 27C64 (12.75v/6.25v/QP)   |             |
| Generic-EPROM     | 27C64 [PLCC32]            | (59)        |
| Genitop           | GT16G80                   |             |
| Genitop           | GT16G80 (ISP)             | (138)       |
| Genitop           | GT16G80 [SOP8-208]        | (3088) (*1) |
| Genitop           | GT25Q16A (ISP)            | (138)       |
| Genitop           | GT25Q16A [SOP8-150]       | (3095) (*1) |
| Genitop           | GT25Q16A [SOP8-208]       | (3088) (*1) |
| Genitop           | GT25Q32A (ISP)            | (138)       |
| Genitop           | GT25Q32A [SOP8-150]       | (3095) (*1) |
| Genitop           | GT25Q32A [SOP8-208]       | (3088) (*1) |
| Genitop           | GT25Q80A (ISP)            | (138)       |
| Genitop           | GT25Q80A [SOP8-150]       | (3095) (*1) |
| Genitop           | GT25Q80A [SOP8-208]       | (3088) (*1) |
| Genitop           | GT30L24M1W                |             |
| Genitop           | GT30L24M1W (ISP)          | (138)       |
| Genitop           | GT30L24M1W [SOP8-208]     | (3088) (*1) |
| Genitop           | GT31L24M1W                |             |
| Genitop           | GT31L24M1W (ISP)          | (138)       |
| Genitop           | GT31L24M1W [SOP8-208]     | (3088) (*1) |
| Genitop           | GT31L24M1W [TFBGA24 6x8]  | (1268) (*1) |
| Genitop           | GT31L24M1W [WS0N8]        | (3097) (*1) |
| Genitop           | GT32G16                   |             |
| Genitop           | GT32G16 (ISP)             | (138)       |
| Genitop           | GT32G16 [SOP8-208]        | (3088) (*1) |
| Genitop           | GT32G16 [TFBGA24 6x8]     | (1268) (*1) |
| Genitop           | GT32G16 [WS0N8]           | (3097) (*1) |
| Genitop           | GT32G40                   |             |
| Genitop           | GT32G40 (ISP)             | (138)       |
| Genitop           | GT32G40 [SOP8-208]        | (3088) (*1) |
| Genitop           | GT32G40 [TFBGA24 6x8]     | (1268) (*1) |
| Genitop           | GT32G40 [WS0N8]           | (3097) (*1) |
| Genitop           | GT32L24F02 (ISP)          | (138)       |
| Genitop           | GT32L24F02 [SOP8-150]     | (3095) (*1) |
| Genitop           | GT32L24F02 [SOP8-208]     | (3088) (*1) |
| Genitop           | GT32L24F02 [TSSOP8]       | (1388)      |
| Genitop           | GT32L24M01                |             |
| Genitop           | GT32L24M01 (ISP)          | (138)       |
| Genitop           | GT32L24M01 [SOP8-208]     | (3088) (*1) |
| Genitop           | GT32L24M01 [TFBGA24 6x8]  | (1268) (*1) |
| Genitop           | GT32L24M01 [WS0N8]        | (3097) (*1) |
| Genitop           | GT32L32M0                 |             |
| Genitop           | GT32L32M0 (ISP)           | (138)       |
| Genitop           | GT32L32M0 [BGA24 6x8]     | (1268) (*1) |
| Genitop           | GT32L32M0 [SOP16]         | (3101) (*1) |
| Genitop           | GT32L32M0 [SOP8-208]      | (3088) (*1) |
| Genitop           | GT32L32M0 [WS0N8]         | (3097) (*1) |
| Genitop           | GT40G10 (ISP)             | (138)       |
| Genitop           | GT40G10 [SOP8-150]        | (3095) (*1) |
| Genitop           | GT40G10 [SOP8-208]        | (3088) (*1) |
| Genitop           | GT40G10 [TSSOP8]          | (1388)      |
| Genitop           | GT64G80                   |             |
| Genitop           | GT64G80 (ISP)             | (138)       |
| Genitop           | GT64G80 [BGA24 6x8]       | (1268) (*1) |
| Genitop           | GT64G80 [SOP16]           | (3101) (*1) |
| Genitop           | GT64G80 [SOP8-208]        | (3088) (*1) |
| Genitop           | GT64G80 [WS0N8]           | (3097) (*1) |
| Genustion         | G29FXW1281H1TE [TSOP56]   | (3079)      |
| Genustion         | G29FXW1281L1TE [TSOP56]   | (3079)      |
| Genustion         | G29FXW2571H1TE [TSOP56]   | (3079)      |
| Genustion         | G29FXW2571L1TE [TSOP56]   | (3079)      |
| Giantec Semicond. | GT24C01 (ISP)             | (138)       |
| Giantec Semicond. | GT24C01 [SOIC8]           | (950)       |
| Giantec Semicond. | GT24C01 [TSSOP8]          | (121)       |
| Giantec Semicond. | GT24C01 [UDFN8]           | (4538)      |
| Giantec Semicond. | GT24C02                   |             |

|                   |                       |        |
|-------------------|-----------------------|--------|
| Giantec Semicond. | GT24C02 (ISP)         | (138)  |
| Giantec Semicond. | GT24C02 [MSOP8]       | (605)  |
| Giantec Semicond. | GT24C02 [SOIC8]       | (950)  |
| Giantec Semicond. | GT24C02 [TSSOP8]      | (121)  |
| Giantec Semicond. | GT24C02 [UDFN8]       | (4538) |
| Giantec Semicond. | GT24C02A              |        |
| Giantec Semicond. | GT24C02A (ISP)        | (138)  |
| Giantec Semicond. | GT24C02A [MSOP8]      | (605)  |
| Giantec Semicond. | GT24C02A [SOIC8-150]  | (950)  |
| Giantec Semicond. | GT24C02A [SOT23-5]    | (523)  |
| Giantec Semicond. | GT24C02A [TSSOP8]     | (121)  |
| Giantec Semicond. | GT24C02A [UDFN8-2x3]  | (4538) |
| Giantec Semicond. | GT24C04               |        |
| Giantec Semicond. | GT24C04 (ISP)         | (138)  |
| Giantec Semicond. | GT24C04 [SOIC8]       | (950)  |
| Giantec Semicond. | GT24C04 [TSSOP8]      | (121)  |
| Giantec Semicond. | GT24C04 [UDFN8]       | (4538) |
| Giantec Semicond. | GT24C08 (ISP)         | (138)  |
| Giantec Semicond. | GT24C08 [SOIC8]       | (950)  |
| Giantec Semicond. | GT24C08 [TSSOP8]      | (121)  |
| Giantec Semicond. | GT24C08 [UDFN8]       | (4538) |
| Giantec Semicond. | GT24C08A (ISP)        | (138)  |
| Giantec Semicond. | GT24C08A [MSOP8]      | (605)  |
| Giantec Semicond. | GT24C08A [SOIC8]      | (950)  |
| Giantec Semicond. | GT24C08A [TSSOP8]     | (121)  |
| Giantec Semicond. | GT24C08A [UDFN8]      | (4538) |
| Giantec Semicond. | GT24C1024 (ISP)       | (138)  |
| Giantec Semicond. | GT24C1024 [SOIC8]     | (950)  |
| Giantec Semicond. | GT24C1024 [TSSOP8]    | (121)  |
| Giantec Semicond. | GT24C128 (ISP)        | (138)  |
| Giantec Semicond. | GT24C128 [SOIC8]      | (950)  |
| Giantec Semicond. | GT24C128 [TSSOP8]     | (121)  |
| Giantec Semicond. | GT24C128 [UDFN8]      | (4538) |
| Giantec Semicond. | GT24C128A (ISP)       | (138)  |
| Giantec Semicond. | GT24C128A [SOIC8]     | (950)  |
| Giantec Semicond. | GT24C128A [TSSOP8]    | (121)  |
| Giantec Semicond. | GT24C128A [UDFN8]     | (4538) |
| Giantec Semicond. | GT24C128B (ISP)       | (138)  |
| Giantec Semicond. | GT24C128B [MSOP8]     | (605)  |
| Giantec Semicond. | GT24C128B [SOIC8-150] | (950)  |
| Giantec Semicond. | GT24C128B [TSSOP8]    | (121)  |
| Giantec Semicond. | GT24C128B [UDFN8-2x3] | (4538) |
| Giantec Semicond. | GT24C128D             |        |
| Giantec Semicond. | GT24C128D (ISP)       | (138)  |
| Giantec Semicond. | GT24C128D [MSOP8]     | (605)  |
| Giantec Semicond. | GT24C128D [SOIC8]     | (950)  |
| Giantec Semicond. | GT24C128D [SOT23-5]   | (523)  |
| Giantec Semicond. | GT24C128D [TSSOP8]    | (121)  |
| Giantec Semicond. | GT24C128D [UDFN8-2x3] | (4538) |
| Giantec Semicond. | GT24C16 (ISP)         | (138)  |
| Giantec Semicond. | GT24C16 [SOIC8]       | (950)  |
| Giantec Semicond. | GT24C16 [TSSOP8]      | (121)  |
| Giantec Semicond. | GT24C16 [UDFN8]       | (4538) |
| Giantec Semicond. | GT24C16A (ISP)        | (138)  |
| Giantec Semicond. | GT24C16A [SOIC8]      | (950)  |
| Giantec Semicond. | GT24C16A [TSSOP8]     | (121)  |
| Giantec Semicond. | GT24C16A [UDFN8]      | (4538) |
| Giantec Semicond. | GT24C256 (ISP)        | (138)  |
| Giantec Semicond. | GT24C256 [SOIC8]      | (950)  |
| Giantec Semicond. | GT24C256 [TSSOP8]     | (121)  |
| Giantec Semicond. | GT24C256 [UDFN8]      | (4538) |
| Giantec Semicond. | GT24C256A (ISP)       | (138)  |
| Giantec Semicond. | GT24C256A [MSOP8]     | (605)  |
| Giantec Semicond. | GT24C256A [SOIC8]     | (950)  |
| Giantec Semicond. | GT24C256A [TSSOP8]    | (121)  |
| Giantec Semicond. | GT24C256A [UDFN8-2x3] | (4538) |
| Giantec Semicond. | GT24C32 (ISP)         | (138)  |
| Giantec Semicond. | GT24C32 [MSOP8]       | (605)  |
| Giantec Semicond. | GT24C32 [SOIC8]       | (950)  |
| Giantec Semicond. | GT24C32 [TSSOP8]      | (121)  |
| Giantec Semicond. | GT24C32 [UDFN8]       | (4538) |
| Giantec Semicond. | GT24C32A (ISP)        | (138)  |
| Giantec Semicond. | GT24C32A [MSOP8]      | (605)  |
| Giantec Semicond. | GT24C32A [SOIC8]      | (950)  |
| Giantec Semicond. | GT24C32A [TSSOP8]     | (121)  |
| Giantec Semicond. | GT24C32A [UDFN8]      | (4538) |
| Giantec Semicond. | GT24C32B (ISP)        | (138)  |
| Giantec Semicond. | GT24C32B [MSOP8]      | (605)  |
| Giantec Semicond. | GT24C32B [SOIC8-150]  | (950)  |
| Giantec Semicond. | GT24C32B [TSSOP8]     | (121)  |
| Giantec Semicond. | GT24C32B [UDFN8-2x3]  | (4538) |
| Giantec Semicond. | GT24C512 (ISP)        | (138)  |
| Giantec Semicond. | GT24C512 [SOIC8]      | (950)  |
| Giantec Semicond. | GT24C512 [TSSOP8]     | (121)  |
| Giantec Semicond. | GT24C512A (ISP)       | (138)  |
| Giantec Semicond. | GT24C512A [SOIC8-150] | (950)  |
| Giantec Semicond. | GT24C512A [TSSOP8]    | (121)  |
| Giantec Semicond. | GT24C512A [UDFN8-2x3] | (4538) |
| Giantec Semicond. | GT24C512B (ISP)       | (138)  |
| Giantec Semicond. | GT24C512B [SOIC8-150] | (950)  |
| Giantec Semicond. | GT24C512B [TSSOP8]    | (121)  |
| Giantec Semicond. | GT24C512B [UDFN8-2x3] | (4538) |
| Giantec Semicond. | GT24C64 (ISP)         | (138)  |
| Giantec Semicond. | GT24C64 [MSOP8]       | (605)  |
| Giantec Semicond. | GT24C64 [SOIC8]       | (950)  |
| Giantec Semicond. | GT24C64 [TSSOP8]      | (121)  |
| Giantec Semicond. | GT24C64 [UDFN8]       | (4538) |
| Giantec Semicond. | GT25C01 (ISP)         | (138)  |
| Giantec Semicond. | GT25C01 [SOIC8]       | (950)  |
| Giantec Semicond. | GT25C01 [TSSOP8]      | (121)  |
| Giantec Semicond. | GT25C01 [UDFN8]       | (4538) |
| Giantec Semicond. | GT25C02 (ISP)         | (138)  |
| Giantec Semicond. | GT25C02 [SOIC8]       | (950)  |
| Giantec Semicond. | GT25C02 [TSSOP8]      | (121)  |
| Giantec Semicond. | GT25C02 [UDFN8]       | (4538) |
| Giantec Semicond. | GT25C04 (ISP)         | (138)  |
| Giantec Semicond. | GT25C04 [SOIC8]       | (950)  |
| Giantec Semicond. | GT25C04 [TSSOP8]      | (121)  |
| Giantec Semicond. | GT25C04 [UDFN8]       | (4538) |
| Giantec Semicond. | GT25C08 (ISP)         | (138)  |
| Giantec Semicond. | GT25C08 [SOIC8]       | (950)  |
| Giantec Semicond. | GT25C08 [TSSOP8]      | (121)  |
| Giantec Semicond. | GT25C08 [UDFN8]       | (4538) |
| Giantec Semicond. | GT25C128 (ISP)        | (138)  |
| Giantec Semicond. | GT25C128 [SOIC8]      | (950)  |
| Giantec Semicond. | GT25C128 [TSSOP8]     | (121)  |
| Giantec Semicond. | GT25C128 [UDFN8]      | (4538) |
| Giantec Semicond. | GT25C128A (ISP)       | (138)  |
| Giantec Semicond. | GT25C128A [SOIC8-150] | (950)  |
| Giantec Semicond. | GT25C128A [TSSOP8]    | (121)  |
| Giantec Semicond. | GT25C128A [UDFN8-2x3] | (4538) |
| Giantec Semicond. | GT25C16 (ISP)         | (138)  |
| Giantec Semicond. | GT25C16 [SOIC8]       | (950)  |
| Giantec Semicond. | GT25C16 [TSSOP8]      | (121)  |
| Giantec Semicond. | GT25C16 [UDFN8]       | (4538) |
| Giantec Semicond. | GT25C256 (ISP)        | (138)  |
| Giantec Semicond. | GT25C256 [SOIC8]      | (950)  |
| Giantec Semicond. | GT25C256 [TSSOP8]     | (121)  |

|                   |                         |             |
|-------------------|-------------------------|-------------|
| Giantec Semicond. | GT25C256 [UDFN8-2x3]    | (4538)      |
| Giantec Semicond. | GT25C32 (ISP)           | (138)       |
| Giantec Semicond. | GT25C32 [SOIC8]         | (950)       |
| Giantec Semicond. | GT25C32 [TSSOP8]        | (121)       |
| Giantec Semicond. | GT25C32 [UDFN8]         | (4538)      |
| Giantec Semicond. | GT25C32A (ISP)          | (138)       |
| Giantec Semicond. | GT25C32A [SOIC8]        | (950)       |
| Giantec Semicond. | GT25C32A [TSSOP8]       | (121)       |
| Giantec Semicond. | GT25C32A [UDFN8]        | (4538)      |
| Giantec Semicond. | GT25C64 (ISP)           | (138)       |
| Giantec Semicond. | GT25C64 [SOIC8]         | (950)       |
| Giantec Semicond. | GT25C64 [TSSOP8]        | (121)       |
| Giantec Semicond. | GT25C64 [UDFN8]         | (4538)      |
| Giantec Semicond. | GT34C02 (ISP)           | (138)       |
| Giantec Semicond. | GT34C02 [SOIC8]         | (950)       |
| Giantec Semicond. | GT34C02 [TSSOP8]        | (121)       |
| Giantec Semicond. | GT34C02 [UDFN8]         | (4538)      |
| Giantec Semicond. | GT34C02A (ISP)          | (138)       |
| Giantec Semicond. | GT34C02A [SOIC8]        | (950)       |
| Giantec Semicond. | GT34C02A [TSSOP8]       | (121)       |
| Giantec Semicond. | GT34C02A [UDFN8]        | (4538)      |
| Giantec Semicond. | GT34C02B (ISP)          | (138)       |
| Giantec Semicond. | GT34C02B [SOIC8]        | (950)       |
| Giantec Semicond. | GT34C02B [TSSOP8]       | (121)       |
| Giantec Semicond. | GT34C02B [UDFN8-2x3]    | (4538)      |
| Giantec Semicond. | GT34C04 [SOIC8]         | (950)       |
| Giantec Semicond. | GT34C04 [TSSOP8]        | (121)       |
| Giantec Semicond. | GT34C04 [UDFN8-2x3]     | (4538)      |
| Giantec Semicond. | GT34TS02 (ISP)          | (138)       |
| Giantec Semicond. | GT34TS02 [UDFN8]        | (4538)      |
| Giantec Semicond. | GT34TS02B (ISP)         | (138)       |
| Giantec Semicond. | GT34TS02B [UDFN8-2x3]   | (4538)      |
| Giantec Semicond. | GT34TS04 (ISP)          | (138)       |
| Giantec Semicond. | GT34TS04 [UDFN8-2x3]    | (4538)      |
| Giantec Semicond. | GT34TS04A (ISP)         | (138)       |
| Giantec Semicond. | GT34TS04A [UDFN8-2x3]   | (4538)      |
| Giantec Semicond. | GT93C46 (x16) (ISP)     | (138)       |
| Giantec Semicond. | GT93C46 (x16) [MSOP8]   | (605)       |
| Giantec Semicond. | GT93C46 (x16) [SOIC8]   | (950)       |
| Giantec Semicond. | GT93C46 (x16) [TSSOP8]  | (121)       |
| Giantec Semicond. | GT93C46 (x16) [UDFN8]   | (4538)      |
| Giantec Semicond. | GT93C46 (x8) (ISP)      | (138)       |
| Giantec Semicond. | GT93C46 (x8) [MSOP8]    | (605)       |
| Giantec Semicond. | GT93C46 (x8) [SOIC8]    | (950)       |
| Giantec Semicond. | GT93C46 (x8) [TSSOP8]   | (121)       |
| Giantec Semicond. | GT93C46 (x8) [UDFN8]    | (4538)      |
| Giantec Semicond. | GT93C46A (x16) (ISP)    | (138)       |
| Giantec Semicond. | GT93C46A (x16) [MSOP8]  | (605)       |
| Giantec Semicond. | GT93C46A (x16) [SOIC8]  | (950)       |
| Giantec Semicond. | GT93C46A (x16) [TSSOP8] | (121)       |
| Giantec Semicond. | GT93C46A (x16) [UDFN8]  | (4538)      |
| Giantec Semicond. | GT93C46A (x8) (ISP)     | (138)       |
| Giantec Semicond. | GT93C46A (x8) [MSOP8]   | (605)       |
| Giantec Semicond. | GT93C46A (x8) [SOIC8]   | (950)       |
| Giantec Semicond. | GT93C46A (x8) [TSSOP8]  | (121)       |
| Giantec Semicond. | GT93C46A (x8) [UDFN8]   | (4538)      |
| Giantec Semicond. | GT93C56 (x16) (ISP)     | (138)       |
| Giantec Semicond. | GT93C56 (x16) [MSOP8]   | (605)       |
| Giantec Semicond. | GT93C56 (x16) [SOIC8]   | (950)       |
| Giantec Semicond. | GT93C56 (x16) [TSSOP8]  | (121)       |
| Giantec Semicond. | GT93C56 (x16) [UDFN8]   | (4538)      |
| Giantec Semicond. | GT93C56 (x8) (ISP)      | (138)       |
| Giantec Semicond. | GT93C56 (x8) [MSOP8]    | (605)       |
| Giantec Semicond. | GT93C56 (x8) [SOIC8]    | (950)       |
| Giantec Semicond. | GT93C56 (x8) [TSSOP8]   | (121)       |
| Giantec Semicond. | GT93C56 (x8) [UDFN8]    | (4538)      |
| Giantec Semicond. | GT93C56A (x16) (ISP)    | (138)       |
| Giantec Semicond. | GT93C56A (x16) [MSOP8]  | (605)       |
| Giantec Semicond. | GT93C56A (x16) [SOIC8]  | (950)       |
| Giantec Semicond. | GT93C56A (x16) [TSSOP8] | (121)       |
| Giantec Semicond. | GT93C56A (x16) [UDFN8]  | (4538)      |
| Giantec Semicond. | GT93C56A (x8) (ISP)     | (138)       |
| Giantec Semicond. | GT93C56A (x8) [MSOP8]   | (605)       |
| Giantec Semicond. | GT93C56A (x8) [SOIC8]   | (950)       |
| Giantec Semicond. | GT93C56A (x8) [TSSOP8]  | (121)       |
| Giantec Semicond. | GT93C56A (x8) [UDFN8]   | (4538)      |
| Giantec Semicond. | GT93C66 (x16) (ISP)     | (138)       |
| Giantec Semicond. | GT93C66 (x16) [MSOP8]   | (605)       |
| Giantec Semicond. | GT93C66 (x16) [SOIC8]   | (950)       |
| Giantec Semicond. | GT93C66 (x16) [TSSOP8]  | (121)       |
| Giantec Semicond. | GT93C66 (x16) [UDFN8]   | (4538)      |
| Giantec Semicond. | GT93C66 (x8) (ISP)      | (138)       |
| Giantec Semicond. | GT93C66 (x8) [MSOP8]    | (605)       |
| Giantec Semicond. | GT93C66 (x8) [SOIC8]    | (950)       |
| Giantec Semicond. | GT93C66 (x8) [TSSOP8]   | (121)       |
| Giantec Semicond. | GT93C66 (x8) [UDFN8]    | (4538)      |
| Giantec Semicond. | GT93C66A (x16) (ISP)    | (138)       |
| Giantec Semicond. | GT93C66A (x16) [MSOP8]  | (605)       |
| Giantec Semicond. | GT93C66A (x16) [SOIC8]  | (950)       |
| Giantec Semicond. | GT93C66A (x16) [TSSOP8] | (121)       |
| Giantec Semicond. | GT93C66A (x16) [UDFN8]  | (4538)      |
| Giantec Semicond. | GT93C66A (x8) (ISP)     | (138)       |
| Giantec Semicond. | GT93C66A (x8) [MSOP8]   | (605)       |
| Giantec Semicond. | GT93C66A (x8) [SOIC8]   | (950)       |
| Giantec Semicond. | GT93C66A (x8) [TSSOP8]  | (121)       |
| Giantec Semicond. | GT93C66A (x8) [UDFN8]   | (4538)      |
| Giantec Semicond. | GT93C76 (x16) (ISP)     | (138)       |
| Giantec Semicond. | GT93C76 (x16) [MSOP8]   | (605)       |
| Giantec Semicond. | GT93C76 (x16) [SOIC8]   | (950)       |
| Giantec Semicond. | GT93C76 (x16) [TSSOP8]  | (121)       |
| Giantec Semicond. | GT93C76 (x16) [UDFN8]   | (4538)      |
| Giantec Semicond. | GT93C76 (x8) (ISP)      | (138)       |
| Giantec Semicond. | GT93C76 (x8) [MSOP8]    | (605)       |
| Giantec Semicond. | GT93C76 (x8) [SOIC8]    | (950)       |
| Giantec Semicond. | GT93C76 (x8) [TSSOP8]   | (121)       |
| Giantec Semicond. | GT93C76 (x8) [UDFN8]    | (4538)      |
| Giantec Semicond. | GT93C86 (x16) (ISP)     | (138)       |
| Giantec Semicond. | GT93C86 (x16) [MSOP8]   | (605)       |
| Giantec Semicond. | GT93C86 (x16) [SOIC8]   | (950)       |
| Giantec Semicond. | GT93C86 (x16) [TSSOP8]  | (121)       |
| Giantec Semicond. | GT93C86 (x16) [UDFN8]   | (4538)      |
| Giantec Semicond. | GT93C86 (x8) (ISP)      | (138)       |
| Giantec Semicond. | GT93C86 (x8) [MSOP8]    | (605)       |
| Giantec Semicond. | GT93C86 (x8) [SOIC8]    | (950)       |
| Giantec Semicond. | GT93C86 (x8) [TSSOP8]   | (121)       |
| Giantec Semicond. | GT93C86 (x8) [UDFN8]    | (4538)      |
| GigaDevice Semic. | GD25B127D [SOP8-208]    | (3087) (*1) |
| GigaDevice Semic. | GD25B127D [VSOP8-200]   | (3087) (*1) |
| GigaDevice Semic. | GD25B127D [WSON8 5x6]   | (4117) (*1) |
| GigaDevice Semic. | GD25B127D [WSON8 8x6]   | (3926) (*1) |
| GigaDevice Semic. | GD25B128C               |             |
| GigaDevice Semic. | GD25B128C (ISP)         | (138)       |
| GigaDevice Semic. | GD25B128C [SOP8-208]    | (3088) (*1) |
| GigaDevice Semic. | GD25B128C [TFBGA24 6x8] | (1268) (*1) |
| GigaDevice Semic. | GD25B128C [WSON8]       | (3097) (*1) |
| GigaDevice Semic. | GD25B16B                |             |
| GigaDevice Semic. | GD25B16B (ISP)          | (138)       |
| GigaDevice Semic. | GD25B16B [SOP16]        | (3101) (*1) |

|            |         |             |                         |        |      |
|------------|---------|-------------|-------------------------|--------|------|
| GigaDevice | Semi.c. | GD25B16B    | [SOP16] (QuadSPI)       | (3101) | (*1) |
| GigaDevice | Semi.c. | GD25B16B    | [SOP8-208]              | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25B16B    | [SOP8-208] (QuadSPI)    | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25B16B    | [TFBGA24 6x8]           | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25B16B    | [TFBGA24 6x8] (QuadSPI) | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25B16B    | [WSON8 6x5] (QuadSPI)   | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25B16B    | [WSON8]                 | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25B256D   | [SOP16] (QuadSPI)       | (3100) | (*1) |
| GigaDevice | Semi.c. | GD25B256D   | [WSON8 8x6] (QuadSPI)   | (3926) | (*1) |
| GigaDevice | Semi.c. | GD25B32B    |                         |        |      |
| GigaDevice | Semi.c. | GD25B32B    | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25B32B    | [SOP16]                 | (3101) | (*1) |
| GigaDevice | Semi.c. | GD25B32B    | [SOP16] (QuadSPI)       | (3101) | (*1) |
| GigaDevice | Semi.c. | GD25B32B    | [SOP8-208]              | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25B32B    | [SOP8-208] (QuadSPI)    | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25B32B    | [TFBGA24 6x8]           | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25B32B    | [TFBGA24 6x8] (QuadSPI) | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25B32B    | [WSON8 6x5] (QuadSPI)   | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25B32B    | [WSON8]                 | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25B32C    |                         |        |      |
| GigaDevice | Semi.c. | GD25B32C    | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25B32C    | [SOP8-208]              | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25B64B    |                         |        |      |
| GigaDevice | Semi.c. | GD25B64B    | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25B64B    | [SOP16]                 | (3101) | (*1) |
| GigaDevice | Semi.c. | GD25B64B    | [SOP16] (QuadSPI)       | (3101) | (*1) |
| GigaDevice | Semi.c. | GD25B64B    | [SOP8-208]              | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25B64B    | [SOP8-208] (QuadSPI)    | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25B64B    | [TFBGA24 6x8]           | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25B64B    | [TFBGA24 6x8] (QuadSPI) | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25B64B    | [WSON8 6x5] (QuadSPI)   | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25B64B    | [WSON8]                 | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25B64C    | [SOP8-208]              | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25D05B    | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25D05B    | [SOP8-150]              | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25D05B    | [TSSOP8]                | (1388) |      |
| GigaDevice | Semi.c. | GD25D05B    | [USON8]                 | (3935) | (*1) |
| GigaDevice | Semi.c. | GD25D05C    | [SOP8-150]              | (3094) | (*1) |
| GigaDevice | Semi.c. | GD25D10B    | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25D10B    | [SOP8-150]              | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25D10B    | [TSSOP8]                | (1388) |      |
| GigaDevice | Semi.c. | GD25D10B    | [USON8]                 | (3935) | (*1) |
| GigaDevice | Semi.c. | GD25D10C    | [SOP8-150]              | (3094) | (*1) |
| GigaDevice | Semi.c. | GD25D20C    | [SOP8-150]              | (3094) | (*1) |
| GigaDevice | Semi.c. | GD25D40C    | [SOP8-150]              | (3094) | (*1) |
| GigaDevice | Semi.c. | GD25D80C    | [SOP8-208]              | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25E16B    |                         |        |      |
| GigaDevice | Semi.c. | GD25E16B    | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25E16B    | [SOP8L]                 | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25E32B    | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25E32B    | [SOP8-208]              | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25E32B    | [SOP8-208] (QuadSPI)    | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25E32E    | [SOP8-208]              | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25E32E    | [SOP8-208] (QuadSPI)    | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25E40     | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25E40     | [SOP8-150]              | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25E64B    |                         |        |      |
| GigaDevice | Semi.c. | GD25E64B    | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25E64B    | [QuadSPI] [BGA24 6x8]   | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25E64B    | [QuadSPI] [WSON8]       | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25E64B    | [BGA24 6x8]             | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25E64B    | [SOP16]                 | (3101) | (*1) |
| GigaDevice | Semi.c. | GD25E64B    | [SOP8-208]              | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25E64B    | [SOP8-208] (QuadSPI)    | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25E64B    | [WSON8]                 | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25E80     | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25E80     | [SOP8-200]              | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25F40     |                         |        |      |
| GigaDevice | Semi.c. | GD25F40     | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25F40     | [SOP8-200]              | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25F80     |                         |        |      |
| GigaDevice | Semi.c. | GD25F80     | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25F80     | [SOP8-200]              | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25LB128C  | [SOP8]                  | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25LB128C  | [WSON8 8x6]             | (4117) | (*1) |
| GigaDevice | Semi.c. | GD25LB128D  | [SOP8-208]              | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25LB128D  | [VSOP8-200]             | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25LB128D  | [WSON8 5x6]             | (4117) | (*1) |
| GigaDevice | Semi.c. | GD25LB256E  | [SOP16]                 | (3100) | (*1) |
| GigaDevice | Semi.c. | GD25LB256E  | [SOP16] (QuadSPI)       | (3100) | (*1) |
| GigaDevice | Semi.c. | GD25LB256E  | [WSON8 8x6]             | (4881) | (*1) |
| GigaDevice | Semi.c. | GD25LB256E  | [WSON8 8x6] (QuadSPI)   | (4881) | (*1) |
| GigaDevice | Semi.c. | GD25LB64C   | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25LB64C   | [TSOP8-208]             | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25LB64C   | [VSOP8-200]             | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25LB64C   | [WSON8 5x6]             | (4117) | (*1) |
| GigaDevice | Semi.c. | GD25LD20C   | [USON8 2x3]             | (3934) | (*1) |
| GigaDevice | Semi.c. | GD25LH32D   | [USON8 4x3]             | (2430) |      |
| GigaDevice | Semi.c. | GD25LQ05B   | [USON8 3x2]             | (3935) | (*1) |
| GigaDevice | Semi.c. | GD25LQ10B   | [SOP8-150]              | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25LQ10B   | [USON8 3x2]             | (3935) | (*1) |
| GigaDevice | Semi.c. | GD25LQ128   | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25LQ128   | [WSON8 8x6]             | (3053) | (*1) |
| GigaDevice | Semi.c. | GD25LQ128C  | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25LQ128C  | [TSOP8-208]             | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25LQ128C  | [VSOP8-200]             | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25LQ128C  | [WSON8 5x6]             | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25LQ128C  | [WSON8 8x6]             | (3053) | (*1) |
| GigaDevice | Semi.c. | GD25LQ128D  | [SOP8-208]              | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25LQ128D  | [VSOP8-200]             | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25LQ128D  | [WSON8 5x6]             | (4117) | (*1) |
| GigaDevice | Semi.c. | GD25LQ128D  | [WSON8 8x6]             | (3926) | (*1) |
| GigaDevice | Semi.c. | GD25LQ16    | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25LQ16    | [SOP8-150]              | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25LQ16    | [SOP8-208]              | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25LQ16    | [USON8 4x3]             | (2430) |      |
| GigaDevice | Semi.c. | GD25LQ16    | [VSOP8-150]             | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25LQ16    | [VSOP8-200]             | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25LQ16    | [WSON8 5x6]             | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25LQ16    | [WSON8 8x6]             | (3053) | (*1) |
| GigaDevice | Semi.c. | GD25LQ20B   | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25LQ20B   | [SOP8-150]              | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25LQ20B   | [USON8 3x2]             | (3934) | (*1) |
| GigaDevice | Semi.c. | GD25LQ256C  | [SOP16]                 | (3101) | (*1) |
| GigaDevice | Semi.c. | GD25LQ256C  | [WSON8 5x6]             | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25LQ256C  | [WSON8 8x6]             | (3053) | (*1) |
| GigaDevice | Semi.c. | GD25LQ256CB | [TFBGA24]               | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25LQ256CZ | [TFBGA24]               | (1343) |      |
| GigaDevice | Semi.c. | GD25LQ256D  | [WSON8 5x6]             | (4117) | (*1) |
| GigaDevice | Semi.c. | GD25LQ256D  | [WSON8 5x6] (QuadSPI)   | (4882) | (*1) |
| GigaDevice | Semi.c. | GD25LQ256D  | [WSON8 8x6] (QuadSPI)   | (3053) | (*1) |
| GigaDevice | Semi.c. | GD25LQ32    | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25LQ32    | [WSON8]                 | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25LQ32    | [WSON8] (QuadSPI)       | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25LQ32D   | [SOIC8-208]             | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25LQ32D   | [USON8 4x3]             | (2430) |      |
| GigaDevice | Semi.c. | GD25LQ40    | (ISP)                   | (138)  |      |
| GigaDevice | Semi.c. | GD25LQ40    | [SOP8-150]              | (3095) | (*1) |



|            |         |            |                       |        |      |
|------------|---------|------------|-----------------------|--------|------|
| GigaDevice | Semi.c. | GD25LQ40   | [SOP8-208]            | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25LQ40   | [USON8 3x2]           | (3935) | (*1) |
| GigaDevice | Semi.c. | GD25LQ40   | [USON8 4x3]           | (2430) |      |
| GigaDevice | Semi.c. | GD25LQ40   | [VSOP8-150]           | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25LQ40   | [VSOP8-200]           | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25LQ40   | [WSON8 5x6]           | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25LQ40B  | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25LQ40B  | [SOP8-150]            | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25LQ40B  | [USON8 3x2]           | (3935) | (*1) |
| GigaDevice | Semi.c. | GD25LQ40C  | [SOP8-150]            | (3094) | (*1) |
| GigaDevice | Semi.c. | GD25LQ40C  | [SOP8-208]            | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25LQ64B  | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25LQ64B  | [TSOP8]               | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25LQ64B  | [WSON8]               | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25LQ64B  | [WSON8] (QuadSPI)     | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25LQ64C  | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25LQ64C  | [SOP8-208] (QuadSPI)  | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25LQ64C  | [TSOP8-208]           | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25LQ64C  | [USON8 4x4]           | (3233) |      |
| GigaDevice | Semi.c. | GD25LQ64C  | [VSOP8-200]           | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25LQ64C  | [WSON8 5x6]           | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80   | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25LQ80   | [SOP8-150]            | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80   | [SOP8-208]            | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80   | [USON8 4x3]           | (2430) |      |
| GigaDevice | Semi.c. | GD25LQ80   | [VSOP8-150]           | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80   | [VSOP8-200]           | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80   | [WSON8]               | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80B  | [SOP8-150]            | (3094) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80B  | [SOP8-208]            | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80B  | [USON8 3x2]           | (3935) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80B  | [VSOP8-150]           | (3094) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80B  | [VSOP8-200]           | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80C  | [SOP8-150]            | (3094) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80C  | [SOP8-208]            | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80C  | [USON8 2x3]           | (3934) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80C  | [VSOP8-150]           | (3094) | (*1) |
| GigaDevice | Semi.c. | GD25LQ80C  | [VSOP8-200]           | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25LT256E | [SOP16]               | (3100) | (*1) |
| GigaDevice | Semi.c. | GD25LT256E | [SOP16] (QuadSPI)     | (3100) | (*1) |
| GigaDevice | Semi.c. | GD25LX256E | [TFBGA24]             | (3122) |      |
| GigaDevice | Semi.c. | GD25LX256E | [TFBGA24] (Octa I/O)  | (3122) |      |
| GigaDevice | Semi.c. | GD25M21B   | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25M21B   | [SOP8-150]            | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25M41B   | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25M41B   | [SOP8-150]            | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25Q10    | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25Q10    | [SOP8-150]            | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25Q10    | [SOP8-150] (DualSPI)  | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25Q10    | [SOP8-208]            | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q10    | [SOP8-208] (DualSPI)  | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q10    | [TSSOP8]              | (1388) |      |
| GigaDevice | Semi.c. | GD25Q10    | [TSSOP8] (DualSPI)    | (1388) |      |
| GigaDevice | Semi.c. | GD25Q10    | [USON8]               | (3935) | (*1) |
| GigaDevice | Semi.c. | GD25Q10    | [USON8] (DualSPI)     | (3935) | (*1) |
| GigaDevice | Semi.c. | GD25Q10    | [WSON8]               | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25Q10    | [WSON8] (DualSPI)     | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25Q127C  | [SOP16]               | (3100) | (*1) |
| GigaDevice | Semi.c. | GD25Q127C  | [SOP16] (QuadSPI)     | (3100) | (*1) |
| GigaDevice | Semi.c. | GD25Q127C  | [SOP8-208]            | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25Q127C  | [SOP8-208] (QuadSPI)  | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25Q127C  | [VSOP8-200] (QuadSPI) | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25Q127C  | [WSON8 5x6]           | (4117) | (*1) |
| GigaDevice | Semi.c. | GD25Q127C  | [WSON8 5x6] (QuadSPI) | (4117) | (*1) |
| GigaDevice | Semi.c. | GD25Q127C  | [WSON8 8x6] (QuadSPI) | (3053) | (*1) |
| GigaDevice | Semi.c. | GD25Q128B  | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25Q128B  | [SOP16]               | (3101) | (*1) |
| GigaDevice | Semi.c. | GD25Q128B  | [SOP16] (QuadSPI)     | (3101) | (*1) |
| GigaDevice | Semi.c. | GD25Q128B  | [SOP8] (QuadSPI)      | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25Q128B  | [TFBGA24]             | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25Q128B  | [TFBGA24] (QuadSPI)   | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25Q128B  | [WSON8]               | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25Q128C  |                       |        |      |
| GigaDevice | Semi.c. | GD25Q128C  | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25Q128C  | [SOP16]               | (3101) | (*1) |
| GigaDevice | Semi.c. | GD25Q128C  | [SOP16] (QuadSPI)     | (3101) | (*1) |
| GigaDevice | Semi.c. | GD25Q128C  | [SOP8-208]            | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q128C  | [SOP8-208] (QuadSPI)  | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q128C  | [TFBGA24 6x8]         | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25Q128C  | [TFBGA24] (QuadSPI)   | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25Q128C  | [VSOP8-200]           | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q128C  | [VSOP8-200] (QuadSPI) | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q128C  | [WSON8 8x6]           | (3053) | (*1) |
| GigaDevice | Semi.c. | GD25Q128C  | [WSON8 8x6] (QuadSPI) | (3053) | (*1) |
| GigaDevice | Semi.c. | GD25Q128C  | [WSON8]               | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25Q16    |                       |        |      |
| GigaDevice | Semi.c. | GD25Q16    | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25Q16    | [SOP8-150]            | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25Q16    | [SOP8-150] (DualSPI)  | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25Q16    | [SOP8-150] (QuadSPI)  | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25Q16    | [SOP8-200]            | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q16    | [SOP8-200] (DualSPI)  | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q16    | [SOP8-200] (QuadSPI)  | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q16B   |                       |        |      |
| GigaDevice | Semi.c. | GD25Q16B   | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25Q16B   | [SOP16]               | (3101) | (*1) |
| GigaDevice | Semi.c. | GD25Q16B   | [SOP8-150]            | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25Q16B   | [SOP8-150] (DualSPI)  | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25Q16B   | [SOP8-208]            | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q16B   | [SOP8-208] (DualSPI)  | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q16B   | [TFBGA24 6x8]         | (1268) | (*1) |
| GigaDevice | Semi.c. | GD25Q16B   | [TSOP8-200]           | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q16B   | [USON8 4x4]           | (3099) | (*1) |
| GigaDevice | Semi.c. | GD25Q16B   | [WSON8]               | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25Q16C   | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25Q16C   | [SOP8-150]            | (3094) | (*1) |
| GigaDevice | Semi.c. | GD25Q16C   | [SOP8-208]            | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q16C   | [USON8 3x2]           | (3934) | (*1) |
| GigaDevice | Semi.c. | GD25Q16C   | [USON8 3x4]           | (2430) |      |
| GigaDevice | Semi.c. | GD25Q16C   | [WSON8 5x6]           | (4117) | (*1) |
| GigaDevice | Semi.c. | GD25Q16E   | [SOP8-208]            | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25Q16E   | [SOP8-208] (QuadSPI)  | (3087) | (*1) |
| GigaDevice | Semi.c. | GD25Q20    | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25Q20    | [SOP8-150]            | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25Q20    | [SOP8-150] (DualSPI)  | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25Q20    | [SOP8-208]            | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q20    | [SOP8-208] (DualSPI)  | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q20    | [TSSOP8]              | (1388) |      |
| GigaDevice | Semi.c. | GD25Q20    | [TSSOP8] (DualSPI)    | (1388) |      |
| GigaDevice | Semi.c. | GD25Q20    | [USON8]               | (3935) | (*1) |
| GigaDevice | Semi.c. | GD25Q20    | [USON8] (DualSPI)     | (3935) | (*1) |
| GigaDevice | Semi.c. | GD25Q20    | [WSON8]               | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25Q20    | [WSON8] (DualSPI)     | (3097) | (*1) |
| GigaDevice | Semi.c. | GD25Q20B   | (ISP)                 | (138)  |      |
| GigaDevice | Semi.c. | GD25Q20B   | [SOP8-150]            | (3095) | (*1) |
| GigaDevice | Semi.c. | GD25Q20B   | [SOP8-208]            | (3088) | (*1) |
| GigaDevice | Semi.c. | GD25Q20B   | [TSSOP8]              | (1388) |      |
| GigaDevice | Semi.c. | GD25Q20B   | [USON8]               | (3935) | (*1) |

|            |        |             |                              |             |
|------------|--------|-------------|------------------------------|-------------|
| GigaDevice | SemiC. | GD25Q20C    | [SOP8-150]                   | (3094) (*1) |
| GigaDevice | SemiC. | GD25Q21B    | (ISP)                        | (138)       |
| GigaDevice | SemiC. | GD25Q21B    | [SOP8-150]                   | (3095) (*1) |
| GigaDevice | SemiC. | GD25Q21B    | [SOP8-208]                   | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q21B    | [TSSOP8]                     | (1388)      |
| GigaDevice | SemiC. | GD25Q21B    | [USON8]                      | (3935) (*1) |
| GigaDevice | SemiC. | GD25Q256C   | (ISP)                        | (138)       |
| GigaDevice | SemiC. | GD25Q256C   | [SOP16]                      | (3101) (*1) |
| GigaDevice | SemiC. | GD25Q256C   | [SOP16] (QuadSPI)            | (3101) (*1) |
| GigaDevice | SemiC. | GD25Q256C   | [WSON8 8x6]                  | (3053) (*1) |
| GigaDevice | SemiC. | GD25Q256C   | [WSON8 8x6] (QuadSPI)        | (3053) (*1) |
| GigaDevice | SemiC. | GD25Q256CB  | [TFBGA24]                    | (1268) (*1) |
| GigaDevice | SemiC. | GD25Q256CB  | [TFBGA24] (QuadSPI)          | (1343) (*1) |
| GigaDevice | SemiC. | GD25Q256CZ  | [TFBGA24]                    | (1343) (*1) |
| GigaDevice | SemiC. | GD25Q256CZ  | [TFBGA24] (QuadSPI)          | (1268) (*1) |
| GigaDevice | SemiC. | GD25Q256D   | [SOP16]                      | (3100) (*1) |
| GigaDevice | SemiC. | GD25Q256D   | [SOP16] (QuadSPI)            | (3100) (*1) |
| GigaDevice | SemiC. | GD25Q256D   | [WSON8 8x6]                  | (3926) (*1) |
| GigaDevice | SemiC. | GD25Q256D   | [WSON8 8x6] (QuadSPI)        | (3926) (*1) |
| GigaDevice | SemiC. | GD25Q32     |                              |             |
| GigaDevice | SemiC. | GD25Q32     | (ISP)                        | (138)       |
| GigaDevice | SemiC. | GD25Q32     | (QuadSPI) [SOP8-150]         | (3095) (*1) |
| GigaDevice | SemiC. | GD25Q32     | (QuadSPI) [SOP8-200]         | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q32     | [SOP8-150]                   | (3095) (*1) |
| GigaDevice | SemiC. | GD25Q32     | [SOP8-200]                   | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q32B    |                              |             |
| GigaDevice | SemiC. | GD25Q32B    | (ISP)                        | (138)       |
| GigaDevice | SemiC. | GD25Q32B    | (QuadSPI) [SOP8-150]         | (3095) (*1) |
| GigaDevice | SemiC. | GD25Q32B    | (QuadSPI) [WSON8]            | (3097) (*1) |
| GigaDevice | SemiC. | GD25Q32B    | [SOP8-208]                   | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q32B    | [SOP8-208] (QuadSPI)         | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q32B    | [TFBGA24 6x8]                | (1268) (*1) |
| GigaDevice | SemiC. | GD25Q32B    | [VSOP8-200]                  | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q32B    | [WSON8]                      | (3097) (*1) |
| GigaDevice | SemiC. | GD25Q32C    |                              |             |
| GigaDevice | SemiC. | GD25Q32C    | (ISP)                        | (138)       |
| GigaDevice | SemiC. | GD25Q32C    | [SOP8-208]                   | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q32C    | [SOP8-208] (LGE_DIS)         | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q32C    | [SOP8-208] (QuadSPI)         | (3087) (*1) |
| GigaDevice | SemiC. | GD25Q32C    | [VSOP8-200]                  | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q32C    | [VSOP8-200] (QuadSPI)        | (3087) (*1) |
| GigaDevice | SemiC. | GD25Q32C    | [WSON8 5x6]                  | (3097) (*1) |
| GigaDevice | SemiC. | GD25Q32C    | [WSON8] (QuadSPI)            | (4117) (*1) |
| GigaDevice | SemiC. | GD25Q32CB   | [TFBGA24]                    | (1268) (*1) |
| GigaDevice | SemiC. | GD25Q32CZ   | [TFBGA24]                    | (1343) (*1) |
| GigaDevice | SemiC. | GD25Q40     | (ISP)                        | (138)       |
| GigaDevice | SemiC. | GD25Q40     | [SOP8-150]                   | (3095) (*1) |
| GigaDevice | SemiC. | GD25Q40     | [SOP8-150] (DualSPI)         | (3095) (*1) |
| GigaDevice | SemiC. | GD25Q40     | [SOP8-208]                   | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q40     | [SOP8-208] (DualSPI)         | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q40     | [TSSOP8]                     | (1388)      |
| GigaDevice | SemiC. | GD25Q40     | [TSSOP8] (DualSPI)           | (1388)      |
| GigaDevice | SemiC. | GD25Q40     | [USON8]                      | (3935) (*1) |
| GigaDevice | SemiC. | GD25Q40     | [USON8] (DualSPI)            | (3935) (*1) |
| GigaDevice | SemiC. | GD25Q40     | [WSON8]                      | (3097) (*1) |
| GigaDevice | SemiC. | GD25Q40     | [WSON8] (DualSPI)            | (3097) (*1) |
| GigaDevice | SemiC. | GD25Q40B    | (ISP)                        | (138)       |
| GigaDevice | SemiC. | GD25Q40B    | [SOP8-150]                   | (3095) (*1) |
| GigaDevice | SemiC. | GD25Q40B    | [SOP8-208]                   | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q40B    | [TSSOP8]                     | (1388)      |
| GigaDevice | SemiC. | GD25Q40B    | [USON8]                      | (3935) (*1) |
| GigaDevice | SemiC. | GD25Q40C    | [SOP8-150]                   | (3094) (*1) |
| GigaDevice | SemiC. | GD25Q40C    | [SOP8-208]                   | (3087) (*1) |
| GigaDevice | SemiC. | GD25Q41B    | (ISP)                        | (138)       |
| GigaDevice | SemiC. | GD25Q41B    | [SOP8-150]                   | (3095) (*1) |
| GigaDevice | SemiC. | GD25Q41B    | [SOP8-208]                   | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q41B    | [TSSOP8]                     | (1388)      |
| GigaDevice | SemiC. | GD25Q41B    | [USON8]                      | (3935) (*1) |
| GigaDevice | SemiC. | GD25Q512    | (ISP)                        | (138)       |
| GigaDevice | SemiC. | GD25Q512    | [SOP8-150]                   | (3095) (*1) |
| GigaDevice | SemiC. | GD25Q512    | [SOP8-150] (DualSPI)         | (3095) (*1) |
| GigaDevice | SemiC. | GD25Q512    | [SOP8-208]                   | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q512    | [SOP8-208] (DualSPI)         | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q512    | [TSSOP8]                     | (1388)      |
| GigaDevice | SemiC. | GD25Q512    | [TSSOP8] (DualSPI)           | (1388)      |
| GigaDevice | SemiC. | GD25Q512    | [USON8]                      | (3935) (*1) |
| GigaDevice | SemiC. | GD25Q512    | [USON8] (DualSPI)            | (3935) (*1) |
| GigaDevice | SemiC. | GD25Q512    | [WSON8]                      | (3097) (*1) |
| GigaDevice | SemiC. | GD25Q512    | [WSON8] (DualSPI)            | (3097) (*1) |
| GigaDevice | SemiC. | GD25Q512MC  | [SOP16]                      | (3101) (*1) |
| GigaDevice | SemiC. | GD25Q512MC  | [SOP16] (QuadSPI)            | (3101) (*1) |
| GigaDevice | SemiC. | GD25Q512MC  | [WSON8 8x6]                  | (3053) (*1) |
| GigaDevice | SemiC. | GD25Q512MC  | [WSON8 8x6] (QuadSPI)        | (3053) (*1) |
| GigaDevice | SemiC. | GD25Q512MCB | [TFBGA24]                    | (1268) (*1) |
| GigaDevice | SemiC. | GD25Q512MCB | [TFBGA24] (QuadSPI)          | (1343) (*1) |
| GigaDevice | SemiC. | GD25Q512MCZ | [TFBGA24]                    | (1343) (*1) |
| GigaDevice | SemiC. | GD25Q512MCZ | [TFBGA24] (QuadSPI)          | (1268) (*1) |
| GigaDevice | SemiC. | GD25Q64B    |                              |             |
| GigaDevice | SemiC. | GD25Q64B    | (ISP)                        | (138)       |
| GigaDevice | SemiC. | GD25Q64B    | (QuadSPI) [BGA24 6x8]        | (1268) (*1) |
| GigaDevice | SemiC. | GD25Q64B    | (QuadSPI) [WSON8]            | (3097) (*1) |
| GigaDevice | SemiC. | GD25Q64B    | [BGA24 6x8]                  | (1268) (*1) |
| GigaDevice | SemiC. | GD25Q64B    | [SOP16]                      | (3101) (*1) |
| GigaDevice | SemiC. | GD25Q64B    | [SOP8-208]                   | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q64B    | [SOP8-208] (QuadSPI)         | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q64B    | [WSON8]                      | (3097) (*1) |
| GigaDevice | SemiC. | GD25Q64C    |                              |             |
| GigaDevice | SemiC. | GD25Q64C    | (ISP)                        | (138)       |
| GigaDevice | SemiC. | GD25Q64C    | [SOP16]                      | (3101) (*1) |
| GigaDevice | SemiC. | GD25Q64C    | [SOP16] (QuadSPI)            | (3101) (*1) |
| GigaDevice | SemiC. | GD25Q64C    | [SOP8-208]                   | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q64C    | [SOP8-208] (QuadSPI)         | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q64C    | [TFBGA24 6x8]                | (1268) (*1) |
| GigaDevice | SemiC. | GD25Q64C    | [TFBGA24] (QuadSPI)          | (1268) (*1) |
| GigaDevice | SemiC. | GD25Q64C    | [WSON8 5x6]                  | (3097) (*1) |
| GigaDevice | SemiC. | GD25Q64C    | [WSON8 5x6] (QuadSPI)        | (3097) (*1) |
| GigaDevice | SemiC. | GD25Q80     |                              |             |
| GigaDevice | SemiC. | GD25Q80     | (ISP)                        | (138)       |
| GigaDevice | SemiC. | GD25Q80     | [SOP8-150]                   | (3095) (*1) |
| GigaDevice | SemiC. | GD25Q80     | [SOP8-150] (QuadSPI)         | (3095) (*1) |
| GigaDevice | SemiC. | GD25Q80     | [SOP8-200]                   | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q80     | [SOP8-200] (DualSPI)         | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q80     | [SOP8-200] (QuadSPI)         | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q80B    |                              |             |
| GigaDevice | SemiC. | GD25Q80B    | (ISP)                        | (138)       |
| GigaDevice | SemiC. | GD25Q80B    | [SOP8-150]                   | (3095) (*1) |
| GigaDevice | SemiC. | GD25Q80B    | [SOP8-208]                   | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q80B    | [USON8]                      | (3935) (*1) |
| GigaDevice | SemiC. | GD25Q80C    | [SOP8-150]                   | (3094) (*1) |
| GigaDevice | SemiC. | GD25Q80C    | [SOP8-208]                   | (3088) (*1) |
| GigaDevice | SemiC. | GD25Q80C    | [USON8 3x2]                  | (3934) (*1) |
| GigaDevice | SemiC. | GD25Q80E    | [SOP8-150]                   | (3094) (*1) |
| GigaDevice | SemiC. | GD25Q80E    | [SOP8-150] (QuadSPI)         | (3094) (*1) |
| GigaDevice | SemiC. | GD25Q80E    | [SOP8-208]                   | (3087) (*1) |
| GigaDevice | SemiC. | GD25Q80E    | [SOP8-208] (QuadSPI)         | (3087) (*1) |
| GigaDevice | SemiC. | GD25S512MD  | [SOP16] (QuadSPI) (Die0)     | (3100) (*1) |
| GigaDevice | SemiC. | GD25S512MD  | [SOP16] (QuadSPI) (Die1)     | (3100) (*1) |
| GigaDevice | SemiC. | GD25S512MD  | [WSON8 8x6] (QuadSPI) (Die0) | (3926) (*1) |

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|            |        |                   |                      |                     |
|------------|--------|-------------------|----------------------|---------------------|
| GigaDevice | SemiC. | GD32F405ZGT       | [LQFP144]            | (4048) (9999)       |
| GigaDevice | SemiC. | GD32F405ZK        | (ISP-JTAG CHAIN)     | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F405ZK        | (ISP-JTAG)           | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F405ZK        | (ISP-SWD)            | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F405ZKT       | [LQFP144]            | (4048) (9999)       |
| GigaDevice | SemiC. | GD32F407IE        | (ISP-JTAG CHAIN)     | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407IE        | (ISP-JTAG)           | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407IE        | (ISP-SWD)            | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407IEH       | [BGA176]             | (2870) (9999)       |
| GigaDevice | SemiC. | GD32F407IG        | (ISP-JTAG CHAIN)     | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407IG        | (ISP-JTAG)           | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407IG        | (ISP-SWD)            | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407IGH       | [BGA176]             | (2870) (9999)       |
| GigaDevice | SemiC. | GD32F407IK        | (ISP-JTAG CHAIN)     | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407IK        | (ISP-JTAG)           | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407IK        | (ISP-SWD)            | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407IKH       | [BGA176]             | (2870) (9999)       |
| GigaDevice | SemiC. | GD32F407RE        | (ISP-JTAG CHAIN)     | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407RE        | (ISP-JTAG)           | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407RE        | (ISP-SWD)            | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407RET       | [LQFP64]             | (3045) (9999)       |
| GigaDevice | SemiC. | GD32F407RG        | (ISP-JTAG CHAIN)     | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407RG        | (ISP-JTAG)           | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407RG        | (ISP-SWD)            | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407RGT       | [LQFP64]             | (3045) (9999)       |
| GigaDevice | SemiC. | GD32F407RK        | (ISP-JTAG CHAIN)     | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407RK        | (ISP-JTAG)           | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407RK        | (ISP-SWD)            | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407RKT       | [LQFP64]             | (3045) (9999)       |
| GigaDevice | SemiC. | GD32F407VE        | (ISP-JTAG CHAIN)     | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407VE        | (ISP-JTAG)           | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407VE        | (ISP-SWD)            | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407VEH       | [BGA100]             | (4536) (9999)       |
| GigaDevice | SemiC. | GD32F407VET       | [LQFP100]            | (3484) (9999)       |
| GigaDevice | SemiC. | GD32F407VG        | (ISP-JTAG CHAIN)     | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407VG        | (ISP-JTAG)           | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407VG        | (ISP-SWD)            | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407VGH       | [BGA100]             | (4536) (9999)       |
| GigaDevice | SemiC. | GD32F407VGT       | [LQFP100]            | (3484) (9999)       |
| GigaDevice | SemiC. | GD32F407VK        | (ISP-JTAG CHAIN)     | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407VK        | (ISP-JTAG)           | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407VK        | (ISP-SWD)            | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407VKH       | [BGA100]             | (4536) (9999)       |
| GigaDevice | SemiC. | GD32F407VKT       | [LQFP100]            | (3484) (9999)       |
| GigaDevice | SemiC. | GD32F407ZE        | (ISP-JTAG CHAIN)     | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407ZE        | (ISP-JTAG)           | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407ZE        | (ISP-SWD)            | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407ZET       | [LQFP144]            | (4048) (9999)       |
| GigaDevice | SemiC. | GD32F407ZG        | (ISP-JTAG CHAIN)     | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407ZG        | (ISP-JTAG)           | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407ZG        | (ISP-SWD)            | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407ZGT       | [LQFP144]            | (4048) (9999)       |
| GigaDevice | SemiC. | GD32F407ZK        | (ISP-JTAG CHAIN)     | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407ZK        | (ISP-JTAG)           | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407ZK        | (ISP-SWD)            | (138) (9997) (9999) |
| GigaDevice | SemiC. | GD32F407ZKT       | [LQFP144]            | (4048) (9999)       |
| GigaDevice | SemiC. | GD32FFPRTG        | (ISP-JTAG CHAIN)     | (138) (9997)        |
| GigaDevice | SemiC. | GD32FFPRTG        | (ISP-JTAG)           | (138) (9997)        |
| GigaDevice | SemiC. | GD32FFPRTG        | (ISP-SWD)            | (138) (9997)        |
| GigaDevice | SemiC. | GD32FFPRTGU       | [QFN36]              | (2404)              |
| GigaDevice | SemiC. | GD5F1GQ4RA9IG     | [LGA8]               | (4970)              |
| GigaDevice | SemiC. | GD5F1GQ4RB9IG     | [LGA8]               | (4970)              |
| GigaDevice | SemiC. | GD5F1GQ4RB9IG     | [WSON8]              | (4970)              |
| GigaDevice | SemiC. | GD5F1GQ4RC9IG     | [LGA8]               | (4970)              |
| GigaDevice | SemiC. | GD5F1GQ4RCYIG     | [WSON8]              | (4970)              |
| GigaDevice | SemiC. | GD5F1GQ4RE9IG     | [LGA8]               | (4970)              |
| GigaDevice | SemiC. | GD5F1GQ4RF9IG     | [LGA8]               | (4970)              |
| GigaDevice | SemiC. | GD5F1GQ4UAYIG     | [WSON8]              | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F1GQ4UBYIG     | [WSON8]              | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F1GQ4UBZIG     | [TFBGA24]            | (3128)              |
| GigaDevice | SemiC. | GD5F1GQ4UCYIG     | [WSON8]              | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F1GQ4UCZIG     | [TFBGA24]            | (3128)              |
| GigaDevice | SemiC. | GD5F1GQ4UEYIG     | [WSON8]              | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F1GQ4UEYIH     | [WSON8]              | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F1GQ4UFYIG     | [WSON8]              | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F2GQ4RB9IG     | [LGA8]               | (4970)              |
| GigaDevice | SemiC. | GD5F2GQ4RB9IG     | [WSON8]              | (4970)              |
| GigaDevice | SemiC. | GD5F2GQ4RC9IG     | [LGA8]               | (4970)              |
| GigaDevice | SemiC. | GD5F2GQ4RE9IG     | [LGA8]               | (4970)              |
| GigaDevice | SemiC. | GD5F2GQ4RF9IG     | [LGA8]               | (4970)              |
| GigaDevice | SemiC. | GD5F2GQ4UAYIG     | [WSON8]              | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F2GQ4UB9IG     | [LGA8]               | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F2GQ4UB9IH     | [LGA8]               | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F2GQ4UBYIG     | [WSON8]              | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F2GQ4UBZIG     | [TFBGA24]            | (3128)              |
| GigaDevice | SemiC. | GD5F2GQ4UC9IG     | [LGA8]               | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F2GQ4UCYIG     | [WSON8]              | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F2GQ4UCZIG     | [TFBGA24]            | (3128)              |
| GigaDevice | SemiC. | GD5F2GQ4UE9IG     | [LGA8]               | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F2GQ4UF9IG     | [LGA8]               | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F4GQ4RCYIG     | [WSON8]              | (4970)              |
| GigaDevice | SemiC. | GD5F4GQ4UAYIG     | [WSON8]              | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F4GQ4UBYIG     | [WSON8]              | (4913) (*1)         |
| GigaDevice | SemiC. | GD5F4GQ4UCYIG     | [WSON8]              | (4913) (*1)         |
| GigaDevice | SemiC. | GD9E4M00YNI       | [VFBGA153]           | (3148) (*1)         |
| GigaDevice | SemiC. | GD9E8M00YNI       | [FBGA153]            | (3148) (*1)         |
| GigaDevice | SemiC. | GD9FU1G8F2A       | [TSOP48]             | (1266) (*1)         |
| GigaDevice | SemiC. | GD9FU1G8F2A       | [TSOP48] (64B spare) | (1266) (*1)         |
| GigaDevice | SemiC. | GD9FU1G8F3A       | [TSOP48]             | (3075)              |
| GigaDevice | SemiC. | MD25D16           |                      |                     |
| GigaDevice | SemiC. | MD25D16           | (ISP)                | (138)               |
| GigaDevice | SemiC. | MD25D16           | [SOP8-150]           | (3095) (*1)         |
| GigaDevice | SemiC. | MD25D16           | [SOP8-208]           | (3088) (*1)         |
| GigaDevice | SemiC. | MD25D16B          | (ISP)                | (138)               |
| GigaDevice | SemiC. | MD25D16B          | [SOP8-208]           | (3088) (*1)         |
| GigaDevice | SemiC. | MD25D40           |                      |                     |
| GigaDevice | SemiC. | MD25D40           | (ISP)                | (138)               |
| GigaDevice | SemiC. | MD25D40           | [SOP8-208]           | (3088) (*1)         |
| GigaDevice | SemiC. | MD25D80           |                      |                     |
| GigaDevice | SemiC. | MD25D80           | (ISP)                | (138)               |
| GigaDevice | SemiC. | MD25D80           | [SOP8-150]           | (3095) (*1)         |
| GigaDevice | SemiC. | MD25D80           | [SOP8-208]           | (3088) (*1)         |
| GigaDevice | SemiC. | MD25Q16C          | [SOP8-150]           | (3094) (*1)         |
| GigaDevice | SemiC. | MD5N01G51MGD1BRB  | [BGA130]             | (3309)              |
| GigaDevice | SemiC. | MD5N01G51MSD1BRB  | [BGA130]             | (2571) (*1)         |
| GigaDevice | SemiC. | MD5N02G01GHD2ARPG | [TFBGA162]           | (3366)              |
| GigaDevice | SemiC. | S64M80Gx          | [SOP8-208]           | (3088) (*1)         |
| GMT        |        | AU0-G1422.29      | [QFN32]              | (1294)              |
| GMT        |        | CS801-B-G         | [QFN24]              | (731)               |
| GMT        |        | CS902-A-G         | [QFN40]              | (3135)              |
| GMT        |        | G1572             | [QFN32]              | (1294)              |
| GMT        |        | G1632             | [QFN32]              | (1294)              |
| GMT        |        | G2510             | [TQFN40]             | (3183)              |
| GMT        |        | G2510S            | [TQFN40]             | (3183)              |
| GMT        |        | G2531             | [TQFN40]             | (3183)              |
| GMT        |        | G5567S            | [QFN40]              | (3136)              |
| GMT        |        | G7311D            | (ISP)                | (138) (9997)        |
| GMT        |        | G7311D            | [SSOP16]             | (2326)              |

|                    |                          |              |
|--------------------|--------------------------|--------------|
| GMT                | G7317 (ISP)              | (138) (9997) |
| GMT                | G7317 [TQFN16]           | (883)        |
| GMT                | G7327 (ISP)              | (138) (9997) |
| GMT                | G7327 [TQFN20]           | (1398)       |
| GMT                | HX1572 [QFN32]           | (1294)       |
| GMT                | KB5675 [QFN40]           | (3136)       |
| Goal Semiconductor | VRS1000-xA               |              |
| Goal Semiconductor | VRS1000-xA [PLCC44]      | (67)         |
| Goal Semiconductor | VRS1000-xA [QFP44]       | (108)        |
| Goal Semiconductor | VRS1100-xA               |              |
| Goal Semiconductor | VRS1100-xA [PLCC44]      | (67)         |
| Goal Semiconductor | VRS1100-xA [QFP44]       | (108)        |
| Goal Semiconductor | VRS540-xA                |              |
| Goal Semiconductor | VRS540-xA [PLCC44]       | (67)         |
| Goal Semiconductor | VRS540-xA [QFP44]        | (108)        |
| Goal Semiconductor | VRS550-xA                |              |
| Goal Semiconductor | VRS550-xA [PLCC44]       | (67)         |
| Goal Semiconductor | VRS550-xA [QFP44]        | (108)        |
| Goal Semiconductor | VRS560-xA                |              |
| Goal Semiconductor | VRS560-xA [PLCC44]       | (67)         |
| Goal Semiconductor | VRS560-xA [QFP44]        | (108)        |
| Goal Semiconductor | VRS570-xA                |              |
| Goal Semiconductor | VRS570-xA [PLCC44]       | (67)         |
| Goal Semiconductor | VRS570-xA [QFP44]        | (108)        |
| Goal Semiconductor | VRS580-xA                |              |
| Goal Semiconductor | VRS580-xA [PLCC44]       | (67)         |
| Goal Semiconductor | VRS580-xA [QFP44]        | (108)        |
| Goal Semiconductor | VRS700-xA                |              |
| Goal Semiconductor | VRS700-xA [PLCC44]       | (67)         |
| Goal Semiconductor | VRS700-xA [QFP44]        | (108)        |
| Goal Semiconductor | VRS900-xA                |              |
| Goal Semiconductor | VRS900-xA [PLCC44]       | (67)         |
| Goal Semiconductor | VRS900-xA [QFP44]        | (108)        |
| Goldstar (LGS)     | GMS87C1102               |              |
| Goldstar (LGS)     | GMS87C1102 [SOIC16]      | (1060)       |
| Goldstar (LGS)     | GMS87C1202               |              |
| Goldstar (LGS)     | GMS87C1202 [SOIC20]      | (119)        |
| Goldstar (LGS)     | GMS97C1051               |              |
| Goldstar (LGS)     | GMS97C1051 [SOP20]       | (119)        |
| Goldstar (LGS)     | GMS97C2051               |              |
| Goldstar (LGS)     | GMS97C2051 [SOP20]       | (119)        |
| Goldstar (LGS)     | GMS97C51                 |              |
| Goldstar (LGS)     | GMS97C51 [MQFP44]        | (108)        |
| Goldstar (LGS)     | GMS97C51 [PLCC44]        | (67)         |
| Goldstar (LGS)     | GMS97C52                 |              |
| Goldstar (LGS)     | GMS97C52 [MQFP44]        | (108)        |
| Goldstar (LGS)     | GMS97C52 [PLCC44]        | (67)         |
| Goldstar (LGS)     | GMS97C54                 |              |
| Goldstar (LGS)     | GMS97C54 [MQFP44]        | (108)        |
| Goldstar (LGS)     | GMS97C54 [PLCC44]        | (67)         |
| Goldstar (LGS)     | GMS97C56                 |              |
| Goldstar (LGS)     | GMS97C56 [MQFP44]        | (108)        |
| Goldstar (LGS)     | GMS97C56 [PLCC44]        | (67)         |
| Goldstar (LGS)     | GMS97C58                 |              |
| Goldstar (LGS)     | GMS97C58 [MQFP44]        | (108)        |
| Goldstar (LGS)     | GMS97C58 [PLCC44]        | (67)         |
| Goldstar (LGS)     | GMS97L1051               |              |
| Goldstar (LGS)     | GMS97L1051 [SOP20]       | (119)        |
| Goldstar (LGS)     | GMS97L2051               |              |
| Goldstar (LGS)     | GMS97L2051 [SOP20]       | (119)        |
| Goldstar (LGS)     | GMS97L51                 |              |
| Goldstar (LGS)     | GMS97L51 [MQFP44]        | (108)        |
| Goldstar (LGS)     | GMS97L51 [PLCC44]        | (67)         |
| Goldstar (LGS)     | GMS97L52                 |              |
| Goldstar (LGS)     | GMS97L52 [MQFP44]        | (108)        |
| Goldstar (LGS)     | GMS97L52 [PLCC44]        | (67)         |
| Goldstar (LGS)     | GMS97L54                 |              |
| Goldstar (LGS)     | GMS97L54 [MQFP44]        | (108)        |
| Goldstar (LGS)     | GMS97L54 [PLCC44]        | (67)         |
| Goldstar (LGS)     | GMS97L56                 |              |
| Goldstar (LGS)     | GMS97L56 [MQFP44]        | (108)        |
| Goldstar (LGS)     | GMS97L56 [PLCC44]        | (67)         |
| Goldstar (LGS)     | GMS97L58                 |              |
| Goldstar (LGS)     | GMS97L58 [MQFP44]        | (108)        |
| Goldstar (LGS)     | GMS97L58 [PLCC44]        | (67)         |
| Gould              | PEEL18CV8                |              |
| Gould              | PEEL18CV8 [PLCC20]       | (47)         |
| Gould              | PEEL18CV8 [SOIC20]       | (119)        |
| Gould              | PEEL18CV8 [TSSOP20]      | (1089)       |
| Gould              | PEEL22CV10               |              |
| Gould              | PEEL22CV10 [PLCC28]      | (48)         |
| Gould              | PEEL22CV10 [SOIC24]      | (1062)       |
| Gould              | PEEL22CV10 [TSSOP24]     | (1090)       |
| Gould              | PEEL22CV10A              |              |
| Gould              | PEEL22CV10A [PLCC28]     | (48)         |
| Gould              | PEEL22CV10A [SOIC24]     | (1062)       |
| Gould              | PEEL22CV10A [TSSOP24]    | (1090)       |
| Gould              | PEEL22CV10A+             |              |
| Gould              | PEEL22CV10A+ [PLCC28]    | (48)         |
| Gould              | PEEL22CV10A+ [SOIC24]    | (1062)       |
| Gould              | PEEL22CV10A+ [TSSOP24]   | (1090)       |
| Gould              | PEEL22CV10A++            |              |
| Gould              | PEEL22CV10A++ [PLCC28]   | (48)         |
| Gould              | PEEL22CV10A++ [SOIC24]   | (1062)       |
| Gould              | PEEL22CV10A++ [TSSOP24]  | (1090)       |
| Gould              | PEEL22CV10AZ+            |              |
| Gould              | PEEL22CV10AZ+ [PLCC28]   | (48)         |
| Gould              | PEEL22CV10AZ+ [SOIC24]   | (1062)       |
| Gould              | PEEL22CV10AZ+ [TSSOP24]  | (1090)       |
| Gould              | PEEL22CV10AZ++           |              |
| Gould              | PEEL22CV10AZ++ [PLCC28]  | (48)         |
| Gould              | PEEL22CV10AZ++ [SOIC24]  | (1062)       |
| Gould              | PEEL22CV10AZ++ [TSSOP24] | (1090)       |
| Gould              | PEEL22CV10Z              |              |
| Gould              | PEEL22CV10Z [PLCC28]     | (48)         |
| Gould              | PEEL22CV10Z [SOIC24]     | (1062)       |
| Gould              | PEEL22CV10Z [TSSOP24]    | (1090)       |
| Gould              | PEEL22LV10AZ+            |              |
| Gould              | PEEL22LV10AZ+ [PLCC28]   | (48)         |
| Gould              | PEEL22LV10AZ+ [SOIC24]   | (1062)       |
| Gould              | PEEL22LV10AZ+ [TSSOP24]  | (1090)       |
| Gould              | PEEL22LV10AZ++           |              |
| Gould              | PEEL22LV10AZ++ [PLCC28]  | (48)         |
| Gould              | PEEL22LV10AZ++ [SOIC24]  | (1062)       |
| Gould              | PEEL22LV10AZ++ [TSSOP24] | (1090)       |
| Gould              | S93C46                   |              |
| Gould              | S93C46 (ISP)             | (138)        |
| Green Engine       | GE24C01                  |              |
| Green Engine       | GE24C01 (ISP)            | (138)        |
| Green Engine       | GE24C01 [SOP8]           | (950)        |
| Green Engine       | GE24C01 [TSSOP8]         | (121)        |
| Green Engine       | GE24C02                  |              |
| Green Engine       | GE24C02 (ISP)            | (138)        |
| Green Engine       | GE24C02 [SOP8]           | (950)        |
| Green Engine       | GE24C02 [TSSOP8]         | (121)        |
| Green Engine       | GE24C04                  |              |
| Green Engine       | GE24C04 (ISP)            | (138)        |
| Green Engine       | GE24C04 [SOP8]           | (950)        |

|                  |                             |             |
|------------------|-----------------------------|-------------|
| Green Engine     | GE24C04 [TSSOP8]            | (121)       |
| Greenliant       | GLS27SF010                  |             |
| Greenliant       | GLS27SF010 [PLCC32]         | (59)        |
| Greenliant       | GLS27SF010 [TSOP32]         | (56)        |
| Greenliant       | GLS27SF020                  |             |
| Greenliant       | GLS27SF020 [PLCC32]         | (59)        |
| Greenliant       | GLS27SF020 [TSOP32]         | (56)        |
| Greenliant       | GLS27SF512 [PLCC32]         | (59)        |
| Greenliant       | GLS27SF512 [TSOP32]         | (56)        |
| Greenliant       | GLS29EE010                  |             |
| Greenliant       | GLS29EE010 [PLCC32]         | (1399)      |
| Greenliant       | GLS29EE010 [TSOP32 8x14]    | (1412)      |
| Greenliant       | GLS29EE010 [TSOP32 8x20]    | (1414)      |
| Greenliant       | GLS29EE512                  |             |
| Greenliant       | GLS29EE512 [PLCC32]         | (1399)      |
| Greenliant       | GLS29EE512 [TSOP32]         | (1414)      |
| Greenliant       | GLS29SF020 [PLCC32]         | (1399)      |
| Greenliant       | GLS29SF020 [TSOP32]         | (1412)      |
| Greenliant       | GLS29SF040 [PLCC32]         | (1384)      |
| Greenliant       | GLS29SF040 [TSOP32]         | (1377)      |
| Greenliant       | GLS29VF020 [PLCC32]         | (1399)      |
| Greenliant       | GLS29VF020 [TSOP32]         | (1412)      |
| Greenliant       | GLS29VF040 [PLCC32]         | (1384)      |
| Greenliant       | GLS29VF040 [TSOP32]         | (1377)      |
| Greenliant       | GLS34HF3244 [LFBGA56]       | (604)       |
| Greenliant       | GLS34HF3244 [LFBGA62]       | (596)       |
| Greenliant       | GLS34HF3282 [LFBGA56]       | (604)       |
| Greenliant       | GLS34HF3282 [LFBGA62]       | (596)       |
| Greenliant       | GLS34HF3284 [LFBGA56]       | (604)       |
| Greenliant       | GLS34HF3284 [LFBGA62]       | (596)       |
| Greenliant       | GLS34HF32A4 [LFBGA56]       | (604)       |
| Greenliant       | GLS34HF32A4 [LFBGA62]       | (596)       |
| Greenliant       | GLS34WA1601xxxMVJ [VFBGA44] | (1054)      |
| Greenliant       | GLS34WA1602xxxMVJ [VFBGA44] | (1054)      |
| Greenliant       | GLS36VF1601E [TFBGA48]      | (760)       |
| Greenliant       | GLS36VF1601E [TSOP48]       | (1346)      |
| Greenliant       | GLS36VF1601G [LFBGA56]      | (604)       |
| Greenliant       | GLS36VF1601G [TFBGA48]      | (760)       |
| Greenliant       | GLS36VF1601G [TSOP48]       | (1346)      |
| Greenliant       | GLS36VF1602E [TFBGA48]      | (760)       |
| Greenliant       | GLS36VF1602E [TSOP48]       | (1346)      |
| Greenliant       | GLS36VF3203 [TFBGA48]       | (760)       |
| Greenliant       | GLS36VF3203 [TSOP48]        | (1346)      |
| Greenliant       | GLS36VF3204 [TFBGA48]       | (760)       |
| Greenliant       | GLS36VF3204 [TSOP48]        | (1346)      |
| Greenliant       | GLS37VF010                  |             |
| Greenliant       | GLS37VF010 [PLCC32]         | (1399)      |
| Greenliant       | GLS37VF010 [TSOP32]         | (1412)      |
| Greenliant       | GLS37VF020                  |             |
| Greenliant       | GLS37VF020 [PLCC32]         | (1399)      |
| Greenliant       | GLS37VF020 [TSOP32]         | (1412)      |
| Greenliant       | GLS37VF040                  |             |
| Greenliant       | GLS37VF040 [PLCC32]         | (1384)      |
| Greenliant       | GLS37VF040 [TSOP32]         | (1377)      |
| Greenliant       | GLS85VM1004A-M [LBGA100]    | (3113) (*1) |
| Greenliant       | GLS85VM1004P-S [LBGA100]    | (3113) (*1) |
| Greenliant       | GLS85VM1008A-M [LBGA100]    | (3113) (*1) |
| Greenliant       | GLS85VM1008C-M [LBGA100]    | (3113) (*1) |
| Greenliant       | GLS85VM1008C-M [LFBGA153]   | (3147) (*1) |
| Greenliant       | GLS85VM1016A-M [LBGA100]    | (3113) (*1) |
| Greenliant       | GLS85VM1016C-M [LBGA100]    | (3113) (*1) |
| Greenliant       | GLS85VM1016C-M [LFBGA153]   | (3147) (*1) |
| Greenliant       | GLS85VM1032A-M [LBGA100]    | (3113) (*1) |
| Greenliant       | GLS85VM1032C-M [LBGA100]    | (3113) (*1) |
| Greenliant       | GLS85VM1032C-M [LFBGA153]   | (3147) (*1) |
| Greenliant       | GLS85VM1064C-M [LBGA100]    | (3113) (*1) |
| Greenliant       | GLS85VM1064C-M [LFBGA153]   | (3147) (*1) |
| Greenliant       | GLS85VM1128C-M [LBGA100]    | (3113) (*1) |
| GreenPeak        | GP510C40 [QFN40]            | (2721)      |
| GreenPeak        | GP510P40 [QFN40]            | (2721)      |
| GreenPeak        | GP540C40GP [QFN40]          | (2721)      |
| GreenPeak        | GP540C56GP [QFN56]          | (2722)      |
| GreenPeak        | GP541C40 [QFN40]            | (2721)      |
| GreenPeak        | GP541C56 [QFN56]            | (2722)      |
| GreenPeak        | GP561C40GP [QFN40]          | (2721)      |
| GreenPeak        | GP561C40UE [QFN40]          | (2721)      |
| GreenPeak        | GP561C56GP [QFN56]          | (2722)      |
| GreenPeak        | GP565NJCG [QFN40]           | (3406)      |
| GreenPeak        | GP590C40 [QFN40]            | (2721)      |
| GreenPeak        | GP590C56 [QFN56]            | (2722)      |
| GreenPeak        | GP691MJCG [QFN32]           | (3405)      |
| Greenwich Instr. | GR12881                     |             |
| Greenwich Instr. | GR12882                     |             |
| Greenwich Instr. | GR12883                     |             |
| Greenwich Instr. | GR27010                     |             |
| Greenwich Instr. | GR27128                     |             |
| Greenwich Instr. | GR27256                     |             |
| Greenwich Instr. | GR27512                     |             |
| Greenwich Instr. | GR27513                     |             |
| Greenwich Instr. | GR2764                      |             |
| Greenwich Instr. | GR281                       |             |
| Greenwich Instr. | GR3281                      |             |
| Greenwich Instr. | GR881                       |             |
| Grundig          | GRM003                      |             |
| Grundig          | GRM003 (ISP)                | (138)       |
| Grundig          | GRN007                      |             |
| GTM              | GP24BC01                    |             |
| GTM              | GP24BC01 (ISP)              | (138)       |
| GTM              | GP24BC02                    |             |
| GTM              | GP24BC02 (ISP)              | (138)       |
| GTM              | GP24BC04                    |             |
| GTM              | GP24BC04 (ISP)              | (138)       |
| GTM              | GP24BC08                    |             |
| GTM              | GP24BC08 (ISP)              | (138)       |
| GTM              | GP24BC16                    |             |
| GTM              | GP24BC16 (ISP)              | (138)       |
| GTM              | GSC24BC01 (ISP)             | (138)       |
| GTM              | GSC24BC01 [SOP8]            | (950)       |
| GTM              | GSC24BC02 (ISP)             | (138)       |
| GTM              | GSC24BC02 [SOP8]            | (950)       |
| GTM              | GSC24BC04 (ISP)             | (138)       |
| GTM              | GSC24BC04 [SOP8]            | (950)       |
| GTM              | GSC24BC08 (ISP)             | (138)       |
| GTM              | GSC24BC08 [SOP8]            | (950)       |
| GTM              | GSC24BC16 (ISP)             | (138)       |
| GTM              | GSC24BC16 [SOP8]            | (950)       |
| GTM              | GSC93BC46 (x16) (ISP)       | (138)       |
| GTM              | GSC93BC46 (x8) (ISP)        | (138)       |
| GTM              | GSC93BC46A (x16) [SOP8]     | (950)       |
| GTM              | GSC93BC46A (x8) [SOP8]      | (950)       |
| GTM              | GSC93BC46B (x16) [SOP8]     | (950)       |
| GTM              | GSC93BC46B (x8) [SOP8]      | (950)       |
| GTM              | GSC93BC56 (x16) (ISP)       | (138)       |
| GTM              | GSC93BC56 (x8) (ISP)        | (138)       |
| GTM              | GSC93BC56A (x16) [SOP8]     | (950)       |
| GTM              | GSC93BC56A (x8) [SOP8]      | (950)       |
| GTM              | GSC93BC56B (x16) [SOP8]     | (950)       |
| GTM              | GSC93BC56B (x8) [SOP8]      | (950)       |

|             |                           |        |
|-------------|---------------------------|--------|
| GTM         | GSC93BC66 (x16) (ISP)     | (138)  |
| GTM         | GSC93BC66 (x8) (ISP)      | (138)  |
| GTM         | GSC93BC66A (x16) [SOP8]   | (950)  |
| GTM         | GSC93BC66A (x8) [SOP8]    | (950)  |
| GTM         | GSC93BC66B (x16) [SOP8]   | (950)  |
| GTM         | GSC93BC66B (x8) [SOP8]    | (950)  |
| H&M Semi    | HM24C02                   |        |
| H&M Semi    | HM24C02 (ISP)             | (138)  |
| H&M Semi    | HM24C02 [DFN8-2x3]        | (2995) |
| H&M Semi    | HM24C02 [SOP8]            | (950)  |
| H&M Semi    | HM24C02 [SOT23-5]         | (523)  |
| H&M Semi    | HM24C02 [TSOT23-5]        | (523)  |
| H&M Semi    | HM24C02 [TSSOP8]          | (121)  |
| H&M Semi    | HM24C04                   |        |
| H&M Semi    | HM24C04 (ISP)             | (138)  |
| H&M Semi    | HM24C04 [DFN8-2x3]        | (2995) |
| H&M Semi    | HM24C04 [SOP8]            | (950)  |
| H&M Semi    | HM24C04 [TSSOP8]          | (121)  |
| H&M Semi    | HM24C08                   |        |
| H&M Semi    | HM24C08 (ISP)             | (138)  |
| H&M Semi    | HM24C08 [DFN8-2x3]        | (2995) |
| H&M Semi    | HM24C08 [SOP8]            | (950)  |
| H&M Semi    | HM24C08 [TSSOP8]          | (121)  |
| H&M Semi    | HM24C128                  |        |
| H&M Semi    | HM24C128 (ISP)            | (138)  |
| H&M Semi    | HM24C128 [SOP8]           | (950)  |
| H&M Semi    | HM24C128 [TSSOP8]         | (121)  |
| H&M Semi    | HM24C16                   |        |
| H&M Semi    | HM24C16 (ISP)             | (138)  |
| H&M Semi    | HM24C16 [DFN8-2x3]        | (2995) |
| H&M Semi    | HM24C16 [SOP8]            | (950)  |
| H&M Semi    | HM24C16 [TSSOP8]          | (121)  |
| H&M Semi    | HM24C256                  |        |
| H&M Semi    | HM24C256 (ISP)            | (138)  |
| H&M Semi    | HM24C256 [SOP8]           | (950)  |
| H&M Semi    | HM24C256 [TSSOP8]         | (121)  |
| H&M Semi    | HM24C32                   |        |
| H&M Semi    | HM24C32 (ISP)             | (138)  |
| H&M Semi    | HM24C32 [DFN8-2x3]        | (2995) |
| H&M Semi    | HM24C32 [SOP8]            | (950)  |
| H&M Semi    | HM24C32 [TSSOP8]          | (121)  |
| H&M Semi    | HM24C512                  |        |
| H&M Semi    | HM24C512 (ISP)            | (138)  |
| H&M Semi    | HM24C512 [SOP8]           | (950)  |
| H&M Semi    | HM24C512 [TSSOP8]         | (121)  |
| H&M Semi    | HM24C64                   |        |
| H&M Semi    | HM24C64 (ISP)             | (138)  |
| H&M Semi    | HM24C64 [DFN8-2x3]        | (2995) |
| H&M Semi    | HM24C64 [SOP8]            | (950)  |
| H&M Semi    | HM24C64 [TSSOP8]          | (121)  |
| H&M Semi    | HM93C46 (x16)             |        |
| H&M Semi    | HM93C46 (x16) (ISP)       | (138)  |
| H&M Semi    | HM93C46 (x16) [TSSOP8]    | (121)  |
| H&M Semi    | HM93C46 (x16) [SOIC8-150] | (950)  |
| H&M Semi    | HM93C46 (x8)              |        |
| H&M Semi    | HM93C46 (x8) (ISP)        | (138)  |
| H&M Semi    | HM93C46 (x8) [SOIC8-150]  | (950)  |
| H&M Semi    | HM93C46 (x8) [TSSOP8]     | (121)  |
| H&M Semi    | HM93C56 (x16)             |        |
| H&M Semi    | HM93C56 (x16) (ISP)       | (138)  |
| H&M Semi    | HM93C56 (x16) [TSSOP8]    | (121)  |
| H&M Semi    | HM93C56 (x16) [SOIC8-150] | (950)  |
| H&M Semi    | HM93C56 (x8)              |        |
| H&M Semi    | HM93C56 (x8) (ISP)        | (138)  |
| H&M Semi    | HM93C56 (x8) [SOIC8-150]  | (950)  |
| H&M Semi    | HM93C56 (x8) [TSSOP8]     | (121)  |
| H&M Semi    | HM93C66 (x16)             |        |
| H&M Semi    | HM93C66 (x16) (ISP)       | (138)  |
| H&M Semi    | HM93C66 (x16) [TSSOP8]    | (121)  |
| H&M Semi    | HM93C66 (x16) [SOIC8-150] | (950)  |
| H&M Semi    | HM93C66 (x8)              |        |
| H&M Semi    | HM93C66 (x8) (ISP)        | (138)  |
| H&M Semi    | HM93C66 (x8) [SOIC8-150]  | (950)  |
| H&M Semi    | HM93C66 (x8) [TSSOP8]     | (121)  |
| Hana Micron | HM34H512256D [TFBGA107]   | (687)  |
| HangShun    | HK24C02-5                 |        |
| HangShun    | HK24C02-5 (ISP)           | (138)  |
| HangShun    | HK24C02-5 [DFN8-2x3]      | (2995) |
| HangShun    | HK24C02-5 [MSOP8]         | (605)  |
| HangShun    | HK24C02-5 [SOP8]          | (950)  |
| HangShun    | HK24C02-5 [SOT23-5]       | (523)  |
| HangShun    | HK24C02-5 [TSOT23-5]      | (523)  |
| HangShun    | HK24C02-5 [TSSOP8]        | (121)  |
| HangShun    | HK24C02-U                 |        |
| HangShun    | HK24C02-U (ISP)           | (138)  |
| HangShun    | HK24C02-U [DFN8-2x3]      | (2995) |
| HangShun    | HK24C02-U [MSOP8]         | (605)  |
| HangShun    | HK24C02-U [SOP8]          | (950)  |
| HangShun    | HK24C02-U [SOT23-5]       | (523)  |
| HangShun    | HK24C02-U [TSOT23-5]      | (523)  |
| HangShun    | HK24C02-U [TSSOP8]        | (121)  |
| HangShun    | HK24C04                   |        |
| HangShun    | HK24C04 (ISP)             | (138)  |
| HangShun    | HK24C04 [DFN8-2x3]        | (2995) |
| HangShun    | HK24C04 [MSOP8]           | (605)  |
| HangShun    | HK24C04 [SOP8]            | (950)  |
| HangShun    | HK24C04 [SOT23-5]         | (523)  |
| HangShun    | HK24C04 [TSOT23-5]        | (523)  |
| HangShun    | HK24C04 [TSSOP8]          | (121)  |
| HangShun    | HK24C08                   |        |
| HangShun    | HK24C08 (ISP)             | (138)  |
| HangShun    | HK24C08 [DFN8-2x3]        | (2995) |
| HangShun    | HK24C08 [MSOP8]           | (605)  |
| HangShun    | HK24C08 [SOP8]            | (950)  |
| HangShun    | HK24C08 [SOT23-5]         | (523)  |
| HangShun    | HK24C08 [TSOT23-5]        | (523)  |
| HangShun    | HK24C08 [TSSOP8]          | (121)  |
| HangShun    | HK24C128                  |        |
| HangShun    | HK24C128 (ISP)            | (138)  |
| HangShun    | HK24C128 [DFN8-2x3]       | (2995) |
| HangShun    | HK24C128 [MSOP8]          | (605)  |
| HangShun    | HK24C128 [SOP8]           | (950)  |
| HangShun    | HK24C128 [TSSOP8]         | (121)  |
| HangShun    | HK24C16                   |        |
| HangShun    | HK24C16 (ISP)             | (138)  |
| HangShun    | HK24C16 [DFN8-2x3]        | (2995) |
| HangShun    | HK24C16 [MSOP8]           | (605)  |
| HangShun    | HK24C16 [SOP8]            | (950)  |
| HangShun    | HK24C16 [SOT23-5]         | (523)  |
| HangShun    | HK24C16 [TSOT23-5]        | (523)  |
| HangShun    | HK24C16 [TSSOP8]          | (121)  |
| HangShun    | HK24C256                  |        |
| HangShun    | HK24C256 (ISP)            | (138)  |
| HangShun    | HK24C256 [DFN8-2x3]       | (2995) |
| HangShun    | HK24C256 [MSOP8]          | (605)  |
| HangShun    | HK24C256 [SOP8]           | (950)  |
| HangShun    | HK24C256 [TSSOP8]         | (121)  |
| HangShun    | HK24C32                   |        |

|           |                          |             |
|-----------|--------------------------|-------------|
| HangShun  | HK24C32 (ISP)            | (138)       |
| HangShun  | HK24C32 [DFN8-2x3]       | (2995)      |
| HangShun  | HK24C32 [MSOP8]          | (605)       |
| HangShun  | HK24C32 [SOP8]           | (950)       |
| HangShun  | HK24C32 [SOT23-5]        | (523)       |
| HangShun  | HK24C32 [TSOT23-5]       | (523)       |
| HangShun  | HK24C32 [TSSOP8]         | (121)       |
| HangShun  | HK24C512                 |             |
| HangShun  | HK24C512 (ISP)           | (138)       |
| HangShun  | HK24C512 [SOP8-150]      | (950)       |
| HangShun  | HK24C512 [TSSOP8]        | (121)       |
| HangShun  | HK24C512 [WSOP8-208]     | (46)        |
| HangShun  | HK24C64                  |             |
| HangShun  | HK24C64 (ISP)            | (138)       |
| HangShun  | HK24C64 [DFN8-2x3]       | (2995)      |
| HangShun  | HK24C64 [MSOP8]          | (605)       |
| HangShun  | HK24C64 [SOP8]           | (950)       |
| HangShun  | HK24C64 [SOT23-5]        | (523)       |
| HangShun  | HK24C64 [TSOT23-5]       | (523)       |
| HangShun  | HK24C64 [TSSOP8]         | (121)       |
| Harris    | HM-6716                  |             |
| Harris    | HM-6758L                 |             |
| HeYangTek | HY25D04UBxA [SOP8-150]   | (3094) (*1) |
| HeYangTek | HY25D08UBxA [SOP8-150]   | (3094) (*1) |
| HeYangTek | HY25D08UCxA [SOP8-208]   | (3087) (*1) |
| HeYangTek | HY25D16UCxA [SOP8-208]   | (3087) (*1) |
| HeYangTek | HY25Q128UAXA [WSOP8 6x5] | (4117) (*1) |
| HeYangTek | HY25Q128UCxB [SOP8-208]  | (3087) (*1) |
| HeYangTek | HY25Q32UCxB [SOP8-208]   | (3087) (*1) |
| HeYangTek | HY25Q64UCxB [SOP8-208]   | (3087) (*1) |
| HeYangTek | HYF1GQ4IDACAE [WSOP8]    | (4971)      |
| HeYangTek | HYF1GQ4UAACAE [WSOP8]    | (4914) (*1) |
| HeYangTek | HYF1GQ4UDACAE [WSOP8]    | (4914) (*1) |
| HeYangTek | HYF1GQ4UHCACAE [LGA8L]   | (4914) (*1) |
| HeYangTek | HYF1GQ4UPACAE [WSOP8]    | (4914) (*1) |
| HeYangTek | HYF2GQ4UAACAE [WSOP8]    | (4914) (*1) |
| HeYangTek | HYF2GQ4UADCAE [TFBGA24]  | (3128)      |
| HeYangTek | HYF2GQ4UDACAE [WSOP8]    | (4914) (*1) |
| HeYangTek | HYF2GQ4UDDCAE [TFBGA24]  | (3128)      |
| HeYangTek | HYF2GQ4UHCACAE [LGA8L]   | (4914) (*1) |
| HeYangTek | HYF2GQ4UJDCAE [TFBGA24]  | (3128)      |
| HeYangTek | HYF4GQ4UAACBE [WSOP8]    | (4914) (*1) |
| HeYangTek | HYN1G08UATCA1 [TSOP48]   | (3075)      |
| HeYangTek | HYN1G08UDTCA4 [TSOP48]   | (1266) (*1) |
| HeYangTek | HYN2G08UJTCC4 [TSOP48]   | (3075)      |
| HeYangTek | HYSD128M [LGA8]          | (3927)      |
| HeYangTek | HYSD256M [LGA8]          | (3927)      |
| HeYangTek | HYSD512M [LGA8]          | (3927)      |
| Hi max    | CM601 [TQFN24]           | (731)       |
| Hi max    | HA5291-B01 [QFN40]       | (3136)      |
| Hi max    | HX8915-E01 [TQFN32]      | (1294)      |
| HiSilicon | SD5000RBI200 [TFBGA208]  | (2691)      |
| HiSilicon | SD5000RQI100 [LQFP176]   | (2692)      |
| Hi tachi  | HD4074418H [QFP64]       | (3014)      |
| Hi tachi  | HD4074818H [QFP80]       | (708)       |
| Hi tachi  | HD407L4818H [QFP80]      | (708)       |
| Hi tachi  | HD63705V0 [DIP40]        |             |
| Hi tachi  | HD637B01V0 [DIP40]       |             |
| Hi tachi  | HD637B01Y0 [SDIP64]      | (3492)      |
| Hi tachi  | HD6433214F [QFP64]       | (417)       |
| Hi tachi  | HD6433214P [SDIP64]      | (416)       |
| Hi tachi  | HD6433214TF [TQFP80]     | (418)       |
| Hi tachi  | HD6433217C [SDIP64]      | (416)       |
| Hi tachi  | HD6433217F [QFP64]       | (417)       |
| Hi tachi  | HD6433217P [SDIP64]      | (416)       |
| Hi tachi  | HD6433217TF [TQFP80]     | (418)       |
| Hi tachi  | HD6433294F [QFP64]       | (420)       |
| Hi tachi  | HD6433294P [SDIP64]      | (419)       |
| Hi tachi  | HD6433294TF [TQFP80]     | (421)       |
| Hi tachi  | HD6433577F [QFP64]       | (420)       |
| Hi tachi  | HD6433577P [SDIP64]      | (419)       |
| Hi tachi  | HD6472355F [QFP128]      | (435)       |
| Hi tachi  | HD6472355TE [TQFP120]    | (436)       |
| Hi tachi  | HD6472357F [QFP128]      | (435)       |
| Hi tachi  | HD6472357TE [TQFP120]    | (436)       |
| Hi tachi  | HD6472655F [QFP128]      | (435)       |
| Hi tachi  | HD6472655TE [TQFP120]    | (436)       |
| Hi tachi  | HD6472655VF [QFP128]     | (435)       |
| Hi tachi  | HD6472655VTE [TQFP120]   | (436)       |
| Hi tachi  | HD6473032F [QFP80]       | (1523)      |
| Hi tachi  | HD6473048F [QFP100]      | (415)       |
| Hi tachi  | HD6473048TF [TQFP100]    | (414)       |
| Hi tachi  | HD6473256CP [PLCC68]     | (43)        |
| Hi tachi  | HD6473256F [QFP64]       | (41)        |
| Hi tachi  | HD6473256P [SDIP64]      | (42)        |
| Hi tachi  | HD6473257C/P [SDIP64]    | (42)        |
| Hi tachi  | HD6473257CP [PLCC68]     | (43)        |
| Hi tachi  | HD6473257F [QFP64]       | (41)        |
| Hi tachi  | HD6473258 [SDIP64]       | (444)       |
| Hi tachi  | HD6473297C [SDIP64]      | (419)       |
| Hi tachi  | HD6473297F [QFP64]       | (420)       |
| Hi tachi  | HD6473297P [SDIP64]      | (419)       |
| Hi tachi  | HD6473297TF [TQFP80]     | (421)       |
| Hi tachi  | HD6473308CP [PLCC84]     | (511)       |
| Hi tachi  | HD6473334CP [PLCC84]     | (424)       |
| Hi tachi  | HD6473334F [QFP80]       | (422)       |
| Hi tachi  | HD6473334TF [TQFP80]     | (423)       |
| Hi tachi  | HD6473334YCP [PLCC84]    | (424)       |
| Hi tachi  | HD6473334YF [QFP80]      | (422)       |
| Hi tachi  | HD6473334YTF [TQFP80]    | (423)       |
| Hi tachi  | HD6473337CP [PLCC84]     | (424)       |
| Hi tachi  | HD6473337F [QFP80]       | (422)       |
| Hi tachi  | HD6473337TF [TQFP80]     | (423)       |
| Hi tachi  | HD6473337YCP [PLCC84]    | (424)       |
| Hi tachi  | HD6473337YF [QFP80]      | (422)       |
| Hi tachi  | HD6473337YTF [TQFP80]    | (423)       |
| Hi tachi  | HD6473434F [QFP100]      | (425)       |
| Hi tachi  | HD6473434TF [TQFP100]    | (426)       |
| Hi tachi  | HD6473437F [QFP100]      | (425)       |
| Hi tachi  | HD6473437TF [TQFP100]    | (426)       |
| Hi tachi  | HD6473644H [QFP64]       | (626)       |
| Hi tachi  | HD6473714H [QFP64]       | (427)       |
| Hi tachi  | HD6473714P [SDIP64]      | (428)       |
| Hi tachi  | HD6473726F               | (40)        |
| Hi tachi  | HD6473726H               | (39)        |
| Hi tachi  | HD64738024HV [QFP80]     | (1295)      |
| Hi tachi  | HD64738024W [TQFP80]     | (3404)      |
| Hi tachi  | HD6473827H [QFP80]       | (1042)      |
| Hi tachi  | HD6473827RD [QFP80]      | (1042)      |
| Hi tachi  | HD6473827RH [QFP80]      | (1042)      |
| Hi tachi  | HD6473834D [QFP100]      | (432)       |
| Hi tachi  | HD6473834E [QFP100]      | (433)       |
| Hi tachi  | HD6473834F [QFP100]      | (433)       |
| Hi tachi  | HD6473834H [QFP100]      | (432)       |
| Hi tachi  | HD6473834UF [QFP100]     | (433)       |
| Hi tachi  | HD6473834UH [QFP100]     | (432)       |
| Hi tachi  | HD6473834UX [TQFP100]    | (434)       |
| Hi tachi  | HD6473834X [TQFP100]     | (434)       |

|         |               |                 |        |
|---------|---------------|-----------------|--------|
| Hitachi | HD6473837D    | [QFP100]        | (429)  |
| Hitachi | HD6473837E    | [QFP100]        | (1461) |
| Hitachi | HD6473837F    | [QFP100]        | (1461) |
| Hitachi | HD6473837H    | [QFP100]        | (3076) |
| Hitachi | HD6473837UF   | [QFP100]        | (1461) |
| Hitachi | HD6473837UH   | [QFP100]        | (429)  |
| Hitachi | HD6473837UX   | [TQFP100]       | (431)  |
| Hitachi | HD6473837X    | [TQFP100]       | (431)  |
| Hitachi | HD6475328CG   | [LCC84]         | (461)  |
| Hitachi | HD6475328CP   | [PLCC84]        | (725)  |
| Hitachi | HD6475328F    | [QFP80]         | (463)  |
| Hitachi | HD6475348CG   | [LCC84]         | (461)  |
| Hitachi | HD6475348CP   | [PLCC84]        | (725)  |
| Hitachi | HD6475348F    | [QFP80]         | (463)  |
| Hitachi | HD6475348RCG  | [LCC84]         | (461)  |
| Hitachi | HD6475348RCP  | [PLCC84]        | (725)  |
| Hitachi | HD6475348RF   | [QFP80]         | (463)  |
| Hitachi | HD6475348SCG  | [LCC84]         | (461)  |
| Hitachi | HD6475348SCP  | [PLCC84]        | (725)  |
| Hitachi | HD6475348SF   | [QFP80]         | (463)  |
| Hitachi | HD6475348STF  | [TQFP80]        | (464)  |
| Hitachi | HD6475368F    | [QFP80]         | (467)  |
| Hitachi | HD6475368RF   | [QFP80]         | (467)  |
| Hitachi | HD6475368SF   | [QFP80]         | (467)  |
| Hitachi | HD6475368STF  | [TQFP80]        | (468)  |
| Hitachi | HD6475378F    | [QFP80]         | (1284) |
| Hitachi | HD6475398F    | [QFP112]        | (510)  |
| Hitachi | HD6477042AF   | [QFP112]        | (1041) |
| Hitachi | HD6477042F    | [QFP112]        | (1041) |
| Hitachi | HD64F2110BVFA | [QFP100]        | (940)  |
| Hitachi | HD64F2110BVTE | [TQFP100]       | (940)  |
| Hitachi | HD64F2111BVB  | [QFP144]        | (627)  |
| Hitachi | HD64F2111BVC  | [QFP144]        | (627)  |
| Hitachi | HD64F2128FA   | [QFP64]         | (658)  |
| Hitachi | HD64F2128TF   | [TQFP80]        | (659)  |
| Hitachi | HD64F2128VFA  | [QFP64]         | (658)  |
| Hitachi | HD64F2128VTF  | [TQFP80]        | (659)  |
| Hitachi | HD64F2134AFA  | [QFP80]         | (989)  |
| Hitachi | HD64F2134ATF  | [TQFP80]        | (2724) |
| Hitachi | HD64F2134AVFA | [QFP80]         | (989)  |
| Hitachi | HD64F2134AVTF | [TQFP80]        | (2724) |
| Hitachi | HD64F2134FA   | [QFP80]         | (989)  |
| Hitachi | HD64F2134TF   | [TQFP80]        | (2724) |
| Hitachi | HD64F2134VFA  | [QFP80]         | (989)  |
| Hitachi | HD64F2134VTF  | [TQFP80]        | (2724) |
| Hitachi | HD64F2138AFA  | [QFP80]         | (989)  |
| Hitachi | HD64F2138ATF  | [TQFP80]        | (2724) |
| Hitachi | HD64F2138AVFA | [QFP80]         | (989)  |
| Hitachi | HD64F2138AVTF | [TQFP80]        | (2724) |
| Hitachi | HD64F2138FA   | [QFP80]         | (989)  |
| Hitachi | HD64F2140BVFA | [QFP100]        | (940)  |
| Hitachi | HD64F2140BVTE | [TQFP100]       | (940)  |
| Hitachi | HD64F2141BVFA | [QFP100]        | (940)  |
| Hitachi | HD64F2141BVTE | [TQFP100]       | (940)  |
| Hitachi | HD64F2142RFA  | [QFP100]        | (940)  |
| Hitachi | HD64F2142RTE  | [TQFP100]       | (940)  |
| Hitachi | HD64F2142RVFA | [QFP100]        | (940)  |
| Hitachi | HD64F2142RVTE | [TQFP100]       | (940)  |
| Hitachi | HD64F2144AFA  | [QFP100]        | (940)  |
| Hitachi | HD64F2144ATE  | [TQFP100]       | (940)  |
| Hitachi | HD64F2144AVFA | [QFP100]        | (940)  |
| Hitachi | HD64F2144AVTE | [TQFP100]       | (940)  |
| Hitachi | HD64F2144FA   | [QFP100]        | (940)  |
| Hitachi | HD64F2144TE   | [TQFP100]       | (940)  |
| Hitachi | HD64F2144VFA  | [QFP100]        | (940)  |
| Hitachi | HD64F2144VTE  | [TQFP100]       | (940)  |
| Hitachi | HD64F2145BFA  | [QFP100]        | (940)  |
| Hitachi | HD64F2145BFA  | [QFP100] Secure | (940)  |
| Hitachi | HD64F2145BTE  | [TQFP100]       | (940)  |
| Hitachi | HD64F2145BVFA | [QFP100]        | (940)  |
| Hitachi | HD64F2145BVTE | [TQFP100]       | (940)  |
| Hitachi | HD64F2147AFA  | [QFP100]        | (940)  |
| Hitachi | HD64F2147ATE  | [TQFP100]       | (940)  |
| Hitachi | HD64F2147AVFA | [QFP100]        | (940)  |
| Hitachi | HD64F2147AVTE | [TQFP100]       | (940)  |
| Hitachi | HD64F2147NFA  | [QFP100]        | (940)  |
| Hitachi | HD64F2147NTE  | [TQFP100]       | (940)  |
| Hitachi | HD64F2147NVFA | [QFP100]        | (940)  |
| Hitachi | HD64F2147NVTE | [TQFP100]       | (940)  |
| Hitachi | HD64F2148AFA  | [QFP100]        | (940)  |
| Hitachi | HD64F2148ATE  | [TQFP100]       | (940)  |
| Hitachi | HD64F2148AVFA | [QFP100]        | (940)  |
| Hitachi | HD64F2148AVTE | [TQFP100]       | (940)  |
| Hitachi | HD64F2148BFA  | [QFP100]        | (940)  |
| Hitachi | HD64F2148BTE  | [TQFP100]       | (940)  |
| Hitachi | HD64F2148BVFA | [QFP100]        | (940)  |
| Hitachi | HD64F2148BVTE | [TQFP100]       | (940)  |
| Hitachi | HD64F2148FA   | [QFP100]        | (940)  |
| Hitachi | HD64F2148TE   | [TQFP100]       | (940)  |
| Hitachi | HD64F2148VFA  | [QFP100]        | (940)  |
| Hitachi | HD64F2148VTE  | [TQFP100]       | (940)  |
| Hitachi | HD64F2149YVFA | [QFP100]        | (940)  |
| Hitachi | HD64F2149YVTE | [TQFP100]       | (940)  |
| Hitachi | HD64F2160BVTE | [TQFP144]       | (627)  |
| Hitachi | HD64F2161BVTE | [TQFP144]       | (627)  |
| Hitachi | HD64F2166V    | [QFP144]        | (793)  |
| Hitachi | HD64F2167V    | [QFP144]        | (793)  |
| Hitachi | HD64F2168V    | [QFP144]        | (793)  |
| Hitachi | HD64F2169YVTE | [TQFP144]       | (627)  |
| Hitachi | HD64F2178VTE  | [QFP144]        | (793)  |
| Hitachi | HD64F2215RTE  | [TQFP120]       | (645)  |
| Hitachi | HD64F2215RUTE | [TQFP120]       | (645)  |
| Hitachi | HD64F2215TE   | [TQFP120]       | (645)  |
| Hitachi | HD64F2215UTE  | [TQFP120]       | (645)  |
| Hitachi | HD64F2217CUTF | [TQFP100]       | (2437) |
| Hitachi | HD64F2218CUTF | [TQFP100]       | (2437) |
| Hitachi | HD64F2218TF   | [TQFP100]       | (2437) |
| Hitachi | HD64F2218UTF  | [TQFP100]       | (2437) |
| Hitachi | HD64F2238BFA  | [QFP100]        | (1111) |
| Hitachi | HD64F2238RFA  | [QFP100]        | (1111) |
| Hitachi | HD64F2239FA   | [QFP100]        | (1111) |
| Hitachi | HD64F2258FA   | [QFP100]        | (1111) |
| Hitachi | HD64F2326VF   | [QFP128]        | (2408) |
| Hitachi | HD64F2328BVF  | [QFP128]        | (2408) |
| Hitachi | HD64F2328VF   | [QFP128]        | (2408) |
| Hitachi | HD64F2329BVF  | [QFP128]        | (2408) |
| Hitachi | HD64F2329EVF  | [QFP128]        | (2408) |
| Hitachi | HD64F2329VF   | [QFP128]        | (2408) |
| Hitachi | HD64F2376VFQ  | [QFP144]        | (642)  |
| Hitachi | HD64F2377RVFQ | [QFP144]        | (642)  |
| Hitachi | HD64F2377VFQ  | [QFP144]        | (642)  |
| Hitachi | HD64F2378RVFQ | [QFP144]        | (642)  |
| Hitachi | HD64F2378VFQ  | [QFP144]        | (642)  |
| Hitachi | HD64F2506FC   | [QFP144]        | (608)  |
| Hitachi | HD64F2552FC   | [QFP144]        | (608)  |
| Hitachi | HD64F2556FC   | [QFP144]        | (608)  |
| Hitachi | HD64F2612F    | [QFP80]         | (762)  |
| Hitachi | HD64F2623FA   | [QFP100]        | (2655) |

|         |                            |               |
|---------|----------------------------|---------------|
| Hitachi | HD64F2626FA [QFP100]       | (2655)        |
| Hitachi | HD64F2630xF [QFP128]       | (1579)        |
| Hitachi | HD64F2633F [QFP128]        | (3407)        |
| Hitachi | HD64F2633RF [QFP128]       | (3407)        |
| Hitachi | HD64F2633RTE [TQFP120]     | (2789)        |
| Hitachi | HD64F2633TE [TQFP120]      | (2789)        |
| Hitachi | HD64F2635F [QFP128]        | (1579)        |
| Hitachi | HD64F2636xF [QFP128]       | (1579)        |
| Hitachi | HD64F2638xF [QFP128]       | (1579)        |
| Hitachi | HD64F2639xF [QFP128]       | (1579)        |
| Hitachi | HD64F3026F [QFP100]        | (661)         |
| Hitachi | HD64F3026TE [TQFP100]      | (661)         |
| Hitachi | HD64F3028F [QFP100]        | (661)         |
| Hitachi | HD64F3028TE [TQFP100]      | (661)         |
| Hitachi | HD64F3029F [QFP100]        | (661)         |
| Hitachi | HD64F3029TE [TQFP100]      | (661)         |
| Hitachi | HD64F3048BF [QFP100]       | (661)         |
| Hitachi | HD64F3048BTE [TQFP100]     | (661)         |
| Hitachi | HD64F3048BVF [QFP100]      | (661)         |
| Hitachi | HD64F3048BVTE [TQFP100]    | (661)         |
| Hitachi | HD64F3048F [QFP100]        | (438)         |
| Hitachi | HD64F3048TF [TQFP100]      | (437)         |
| Hitachi | HD64F3048VF [QFP100]       | (438)         |
| Hitachi | HD64F3048VTF [TQFP100]     | (437)         |
| Hitachi | HD64F3052BF [QFP100]       | (661)         |
| Hitachi | HD64F3052BTE [TQFP100]     | (661)         |
| Hitachi | HD64F3062BF [QFP100]       | (661)         |
| Hitachi | HD64F3062BTE [TQFP100]     | (661)         |
| Hitachi | HD64F3062F [QFP100]        | (661)         |
| Hitachi | HD64F3062TE [TQFP100]      | (661)         |
| Hitachi | HD64F3064BF [QFP100]       | (661)         |
| Hitachi | HD64F3064BTE [TQFP100]     | (661)         |
| Hitachi | HD64F3064F [QFP100]        | (661)         |
| Hitachi | HD64F3064TE [TQFP100]      | (661)         |
| Hitachi | HD64F3068F [QFP100]        | (661)         |
| Hitachi | HD64F3068TE [TQFP100]      | (661)         |
| Hitachi | HD64F3069RF [QFP100]       | (661)         |
| Hitachi | HD64F3069RTE [TQFP100]     | (661)         |
| Hitachi | HD64F3334YCP16 [PLCC84]    | (609)         |
| Hitachi | HD64F3334YF16 [QFP80]      | (1114)        |
| Hitachi | HD64F3334YTF16 [TQFP80]    | (440)         |
| Hitachi | HD64F3337YCP16 [PLCC84]    | (609)         |
| Hitachi | HD64F3337YF16 [QFP80]      | (1114)        |
| Hitachi | HD64F3337YTF16 [TQFP80]    | (440)         |
| Hitachi | HD64F3434F16 [QFP100]      | (442)         |
| Hitachi | HD64F3434TF16 [TQFP100]    | (727)         |
| Hitachi | HD64F3437F16 [QFP100]      | (442)         |
| Hitachi | HD64F3437STF16 [TQFP100]   | (727)         |
| Hitachi | HD64F3437TF16 [TQFP100]    | (727)         |
| Hitachi | HD64F36047 [QFP80]         | (1165)        |
| Hitachi | HD64F36049 [QFP80]         | (1165)        |
| Hitachi | HD64F36074G [LQFP64]       | (923)         |
| Hitachi | HD64F36074G [QFP64]        | (924)         |
| Hitachi | HD64F36074L [LQFP64]       | (923)         |
| Hitachi | HD64F36074L [QFP64]        | (924)         |
| Hitachi | HD64F36077G [LQFP64]       | (923)         |
| Hitachi | HD64F36077G [QFP64]        | (924)         |
| Hitachi | HD64F36077L [LQFP64]       | (923)         |
| Hitachi | HD64F36077L [QFP64]        | (924)         |
| Hitachi | HD64F36079G [LQFP64]       | (923)         |
| Hitachi | HD64F36079G [QFP64]        | (924)         |
| Hitachi | HD64F36079L [LQFP64]       | (923)         |
| Hitachi | HD64F36079L [QFP64]        | (924)         |
| Hitachi | HD64F36087FP [LQFP64]      | (2436)        |
| Hitachi | HD64F3642AH [QFP64]        | (625)         |
| Hitachi | HD64F3642AP [SDIP64]       | (522)         |
| Hitachi | HD64F3643H [QFP64]         | (625)         |
| Hitachi | HD64F3643P [SDIP64]        | (522)         |
| Hitachi | HD64F3644H [QFP64]         | (625)         |
| Hitachi | HD64F3644P [SDIP64]        | (522)         |
| Hitachi | HD64F3664BP [SDIP42]       | (164)         |
| Hitachi | HD64F3664FP [LQFP64]       | (1280)        |
| Hitachi | HD64F3664FY [LQFP48]       | (174)         |
| Hitachi | HD64F3664H [QFP64]         | (2706)        |
| Hitachi | HD64F3672FY [LQFP48]       | (2284)        |
| Hitachi | HD64F3684FP [LQFP64]       | (923)         |
| Hitachi | HD64F3684GFP [LQFP64]      | (923)         |
| Hitachi | HD64F3684GH [QFP64]        | (924)         |
| Hitachi | HD64F3684H [QFP64]         | (924)         |
| Hitachi | HD64F3687FP [LQFP64]       | (923)         |
| Hitachi | HD64F3687GFP [LQFP64]      | (923)         |
| Hitachi | HD64F3687GH [QFP64]        | (924)         |
| Hitachi | HD64F3687H [QFP64]         | (924)         |
| Hitachi | HD64F36912G [SOP32]        | (1438)        |
| Hitachi | HD64F36912GFH [LQFP32]     | (159)         |
| Hitachi | HD64F36912GFH/12K [LQFP32] | (159)         |
| Hitachi | HD64F3694FP [LQFP64]       | (1280)        |
| Hitachi | HD64F3694GFP [LQFP64]      | (1280)        |
| Hitachi | HD64F3694H [QFP64]         | (2706)        |
| Hitachi | HD64F38002FP [LQFP64]      | (2268)        |
| Hitachi | HD64F38004FP [LQFP64]      | (2268)        |
| Hitachi | HD64F38076RH [QFP80]       | (2725)        |
| Hitachi | HD64F38076RW [TQFP80]      | (4037)        |
| Hitachi | HD64F38086RW [TQFP80]      | (4037)        |
| Hitachi | HD64F38102FP [LQFP64]      | (2268)        |
| Hitachi | HD64F38104FP [LQFP64]      | (2268)        |
| Hitachi | HD64F38324H [QFP80]        | (988)         |
| Hitachi | HD64F38327H [QFP80]        | (988)         |
| Hitachi | HD64F38424H [QFP80]        | (988)         |
| Hitachi | HD64F38427H [QFP80]        | (988)         |
| Hitachi | HD64F38976H [QFP80]        | (4866) (9999) |
| Hitachi | HD64F5398F [QFP112]        | (2885)        |
| Hitachi | HD64F7047F [QFP100]        | (4681)        |
| Hitachi | HD64F7055R [QFP256]        | (2787)        |
| Hitachi | HD64F7055S [QFP256]        | (926)         |
| Hitachi | HD64F7058BF [QFP256]       | (1112)        |
| Hitachi | HD64F7065 [QFP176]         | (1151)        |
| Hitachi | HD64F7144F [QFP112]        | (767)         |
| Hitachi | HD64F7144FW [QFP112]       | (767)         |
| Hitachi | HD64F7145F [LQFP144]       | (4046)        |
| Hitachi | HN27128                    |               |
| Hitachi | HN27128A                   |               |
| Hitachi | HN27128AG                  |               |
| Hitachi | HN27128AP                  |               |
| Hitachi | HN27128G                   |               |
| Hitachi | HN27128P                   |               |
| Hitachi | HN27256                    |               |
| Hitachi | HN27256G                   |               |
| Hitachi | HN27256P                   |               |
| Hitachi | HN27512                    |               |
| Hitachi | HN27512G                   |               |
| Hitachi | HN27512P                   |               |
| Hitachi | HN2764                     |               |
| Hitachi | HN2764A                    |               |
| Hitachi | HN2764G                    |               |
| Hitachi | HN27C101                   |               |
| Hitachi | HN27C101A                  |               |
| Hitachi | HN27C101A [SOIC32]         | (98)          |

|         |                        |        |
|---------|------------------------|--------|
| Hitachi | HN27C101AG             |        |
| Hitachi | HN27C101AP             |        |
| Hitachi | HN27C101G              |        |
| Hitachi | HN27C101P              |        |
| Hitachi | HN27C101P [SOIC32]     | (98)   |
| Hitachi | HN27C1024H             |        |
| Hitachi | HN27C1024H [PLCC44]    | (67)   |
| Hitachi | HN27C1024HG            |        |
| Hitachi | HN27C128               |        |
| Hitachi | HN27C128G              |        |
| Hitachi | HN27C256               |        |
| Hitachi | HN27C256A              |        |
| Hitachi | HN27C256A [SOIC28]     | (53)   |
| Hitachi | HN27C256AG             |        |
| Hitachi | HN27C256AP             |        |
| Hitachi | HN27C256G              |        |
| Hitachi | HN27C256H              |        |
| Hitachi | HN27C256H [SOIC28]     | (53)   |
| Hitachi | HN27C256HG             |        |
| Hitachi | HN27C256HP             |        |
| Hitachi | HN27C301               |        |
| Hitachi | HN27C301 [SOIC32]      | (98)   |
| Hitachi | HN27C301A              |        |
| Hitachi | HN27C301A [SOIC32]     | (98)   |
| Hitachi | HN27C301AG             |        |
| Hitachi | HN27C301AP             |        |
| Hitachi | HN27C301G              |        |
| Hitachi | HN27C301P              |        |
| Hitachi | HN27C4000              |        |
| Hitachi | HN27C4000 [SOIC40]     | (98)   |
| Hitachi | HN27C4000G             |        |
| Hitachi | HN27C4001              |        |
| Hitachi | HN27C4001 [TSOP32]     | (655)  |
| Hitachi | HN27C4001G             |        |
| Hitachi | HN27C4096              |        |
| Hitachi | HN27C4096 [PLCC44]     | (67)   |
| Hitachi | HN27C4096A             |        |
| Hitachi | HN27C4096A [PLCC44]    | (67)   |
| Hitachi | HN27C4096AG            |        |
| Hitachi | HN27C4096AH [PLCC44]   | (67)   |
| Hitachi | HN27C4096AHG           |        |
| Hitachi | HN27C4096G             |        |
| Hitachi | HN27C4096H             |        |
| Hitachi | HN27C4096H [PLCC44]    | (67)   |
| Hitachi | HN27C4096HG            |        |
| Hitachi | HN27C512               |        |
| Hitachi | HN27C512G              |        |
| Hitachi | HN27C64                |        |
| Hitachi | HN27C64FP [SOP28]      | (53)   |
| Hitachi | HN27C64G               |        |
| Hitachi | HN28F101               |        |
| Hitachi | HN28F101 [PLCC32]      | (1399) |
| Hitachi | HN28F101 [SOP32]       | (98)   |
| Hitachi | HN28F101 [TSOP32 8x14] | (1412) |
| Hitachi | HN28F101 [TSOP32 8x20] | (1414) |
| Hitachi | HN28F4001 [SOP32]      | (98)   |
| Hitachi | HN28F4001 [TSOP32]     | (1381) |
| Hitachi | HN29VB800T [TSOP48]    | (1346) |
| Hitachi | HN29VT800T [TSOP48]    | (1346) |
| Hitachi | HN29WB800FP [PSOP44]   | (1356) |
| Hitachi | HN29WB800T [R-TSOP48]  | (1352) |
| Hitachi | HN29WB800T [TSOP48]    | (1346) |
| Hitachi | HN29WT800FP [PSOP44]   | (1356) |
| Hitachi | HN29WT800T [R-TSOP48]  | (1352) |
| Hitachi | HN29WT800T [TSOP48]    | (1346) |
| Hitachi | HN462532               |        |
| Hitachi | HN462532G              |        |
| Hitachi | HN462532P              |        |
| Hitachi | HN462708               | (2)    |
| Hitachi | HN462716               |        |
| Hitachi | HN462716G              |        |
| Hitachi | HN462732               |        |
| Hitachi | HN462732A              |        |
| Hitachi | HN462732AG             |        |
| Hitachi | HN462732G              |        |
| Hitachi | HN462732P              |        |
| Hitachi | HN462764G              |        |
| Hitachi | HN48016                |        |
| Hitachi | HN48016P               |        |
| Hitachi | HN4827128              |        |
| Hitachi | HN4827128G             |        |
| Hitachi | HN4827128P             |        |
| Hitachi | HN482732A              |        |
| Hitachi | HN482732AG             |        |
| Hitachi | HN482764               |        |
| Hitachi | HN482764G              |        |
| Hitachi | HN482764P              |        |
| Hitachi | HN58064                |        |
| Hitachi | HN58064P               |        |
| Hitachi | HN58C1001              |        |
| Hitachi | HN58C1001 [SOP32]      | (98)   |
| Hitachi | HN58C1001 [TSOP32]     | (56)   |
| Hitachi | HN58C256               |        |
| Hitachi | HN58C256 [SOP28]       | (53)   |
| Hitachi | HN58C256A              |        |
| Hitachi | HN58C256A [SOP28]      | (53)   |
| Hitachi | HN58C256A [TSOP28]     | (54)   |
| Hitachi | HN58C257A [TSOP32]     | (56)   |
| Hitachi | HN58C65                |        |
| Hitachi | HN58C65 [SOP28]        | (53)   |
| Hitachi | HN58C66                |        |
| Hitachi | HN58C66 [SOP28]        | (53)   |
| Hitachi | HN58C66 [TSOP32]       | (56)   |
| Hitachi | HN58S256A [SOP28]      | (53)   |
| Hitachi | HN58S256A [TSOP28]     | (54)   |
| Hitachi | HN58S65A               |        |
| Hitachi | HN58S65A [TSOP28]      | (54)   |
| Hitachi | HN58V1001              |        |
| Hitachi | HN58V1001 [R-TSOP32]   | (56)   |
| Hitachi | HN58V1001 [SOP32]      | (98)   |
| Hitachi | HN58V1001 [TSOP32]     | (56)   |
| Hitachi | HN58V24512I (ISP)      | (138)  |
| Hitachi | HN58V24512I [SOIC8]    | (46)   |
| Hitachi | HN58V256A [SOP28]      | (53)   |
| Hitachi | HN58V256A [TSOP28]     | (54)   |
| Hitachi | HN58V257 [R-TSOP32]    | (56)   |
| Hitachi | HN58V257 [TSOP32]      | (56)   |
| Hitachi | HN58V257A [TSOP32]     | (56)   |
| Hitachi | HN58V65A               |        |
| Hitachi | HN58V65A [SOP28]       | (53)   |
| Hitachi | HN58V65A [TSOP28]      | (54)   |
| Hitachi | HN58V66A               |        |
| Hitachi | HN58V66A [SOP28]       | (53)   |
| Hitachi | HN58V66A [TSOP28]      | (54)   |
| Hitachi | HN58X2402              |        |
| Hitachi | HN58X2402 (ISP)        | (138)  |
| Hitachi | HN58X2402 [SOIC8]      | (950)  |
| Hitachi | HN58X2402 [TSSOP8]     | (121)  |



|         |                                |        |  |
|---------|--------------------------------|--------|--|
| Hitachi | HN58x2404                      |        |  |
| Hitachi | HN58x2404 (ISP)                | (138)  |  |
| Hitachi | HN58x2404 [SOIC8]              | (950)  |  |
| Hitachi | HN58x2404 [TSSOP8]             | (121)  |  |
| Hitachi | HN58x2408                      |        |  |
| Hitachi | HN58x2408 (ISP)                | (138)  |  |
| Hitachi | HN58x2408 [SOIC8]              | (950)  |  |
| Hitachi | HN58x2408 [TSSOP8]             | (121)  |  |
| Hitachi | HN58x24128I (ISP)              | (138)  |  |
| Hitachi | HN58x24128I [SOIC8]            | (950)  |  |
| Hitachi | HN58x24128I [TSSOP14]          | (1087) |  |
| Hitachi | HN58x2416                      |        |  |
| Hitachi | HN58x2416 (ISP)                | (138)  |  |
| Hitachi | HN58x2416 [SOIC8]              | (950)  |  |
| Hitachi | HN58x2416 [TSSOP8]             | (121)  |  |
| Hitachi | HN58x24256I (ISP)              | (138)  |  |
| Hitachi | HN58x24256I [SOIC8]            | (950)  |  |
| Hitachi | HN58x24256I [TSSOP14]          | (1087) |  |
| Hitachi | HN58x2432                      |        |  |
| Hitachi | HN58x2432 (ISP)                | (138)  |  |
| Hitachi | HN58x2432 [SOIC8]              | (950)  |  |
| Hitachi | HN58x2432 [TSSOP8]             | (121)  |  |
| Hitachi | HN58x24512I (ISP)              | (138)  |  |
| Hitachi | HN58x24512I [SOIC8]            | (46)   |  |
| Hitachi | HN58x2464                      |        |  |
| Hitachi | HN58x2464 (ISP)                | (138)  |  |
| Hitachi | HN58x2464 [SOIC8]              | (950)  |  |
| Hitachi | HN58x2464 [TSSOP8]             | (121)  |  |
| Hitachi | R4F2112 [TQFP144]              | (987)  |  |
| Hitachi | R4F2112 [TQFP144] (CS)         | (987)  |  |
| Hitachi | R4F2113 [TQFP144]              | (2377) |  |
| Hitachi | R4F2113x8G [LFBGA176]          | (3172) |  |
| Hitachi | R4F2113xLG [TFLGA145]          | (3707) |  |
| Hitachi | R4F2116 [QFP144]               | (765)  |  |
| Hitachi | R4F2116BG [LGBGA176]           | (893)  |  |
| Hitachi | R4F2117 [TQFP144]              | (987)  |  |
| Hitachi | R4F2117BG [LGBGA176]           | (893)  |  |
| Hitachi | R4F2117LP [TFLGA145]           | (1278) |  |
| Hitachi | R4F2117LP [TFLGA145] Boot mode | (4402) |  |
| Hitachi | R4F2117R [TQFP144]             | (987)  |  |
| Hitachi | R4F2117RBG [LGBGA176]          | (893)  |  |
| Hitachi | R4F2117RLP [TFLGA145]          | (1278) |  |
| Hitachi | R4F2117RVLP [TFLGA145]         | (1278) |  |
| Hitachi | R4F2117RVBPB [LGBGA176]        | (893)  |  |
| Hitachi | R4F24275XFQ [LQFP144]          | (2438) |  |
| Hitachi | R4F24275xvxfq [LQFP144]        | (2438) |  |
| Hitachi | R4F24276XFQ [LQFP144]          | (2438) |  |
| Hitachi | R4F24276xvxfq [LQFP144]        | (2438) |  |
| Hitachi | R4F24278XFQ [LQFP144]          | (2438) |  |
| Hitachi | R4F24278xvxfq [LQFP144]        | (2438) |  |
| Hitachi | R4F24279XFQ [LQFP144]          | (2438) |  |
| Hitachi | R4F24279xvxfq [LQFP144]        | (2438) |  |
| Hitachi | R4F24565xvxfq [LQFP144]        | (2438) |  |
| Hitachi | R4F24568xvxfq [LQFP144]        | (2438) |  |
| Hitachi | R4F24569xvxfq [LQFP144]        | (2438) |  |
| Hitachi | R4F2461VFQ [LQFP144]           | (1068) |  |
| Hitachi | R4F2462VFQ [LQFP144]           | (1068) |  |
| Hitachi | R5F56216ADFB [LQFP144]         | (2409) |  |
| Hitachi | R5F56216ADFP [LQFP100]         | (2846) |  |
| Hitachi | R5F56216BDFB [LQFP144]         | (2409) |  |
| Hitachi | R5F56216BDFP [LQFP100]         | (2846) |  |
| Hitachi | R5F56217ADFB [LQFP144]         | (2409) |  |
| Hitachi | R5F56217ADFP [LQFP100]         | (2846) |  |
| Hitachi | R5F56217BDFB [LQFP144]         | (2409) |  |
| Hitachi | R5F56217BDFP [LQFP100]         | (2846) |  |
| Hitachi | R5F56218ADFB [LQFP144]         | (2409) |  |
| Hitachi | R5F56218ADFP [LQFP100]         | (2846) |  |
| Hitachi | R5F56218BDFB [LQFP144]         | (2409) |  |
| Hitachi | R5F56218BDFP [LQFP100]         | (2846) |  |
| Hitachi | R5F562N7ADFB [LQFP144]         | (2409) |  |
| Hitachi | R5F562N7ADFP [LQFP100]         | (2846) |  |
| Hitachi | R5F562N7BDFB [LQFP144]         | (2409) |  |
| Hitachi | R5F562N7BDFP [LQFP100]         | (2846) |  |
| Hitachi | R5F562N8ADFB [LQFP144]         | (2409) |  |
| Hitachi | R5F562N8ADFP [LQFP100]         | (2846) |  |
| Hitachi | R5F562N8BDFB [LQFP144]         | (2409) |  |
| Hitachi | R5F562N8BDFP [LQFP100]         | (2846) |  |
| Hitachi | R5F61543FPV [LQFP144]          | (1580) |  |
| Hitachi | R5F61544FPV [LQFP144]          | (1580) |  |
| Hitachi | R5F70835AxxxFT [TQFP100]       | (4751) |  |
| Hitachi | RE144AV [QFP144]               | (627)  |  |
| hmp     | MF8126W [PLCC32]               | (1399) |  |
| hmp     | MF8516J [PLCC32]               | (1399) |  |
| hmp     | MF8516S [DIL32]                |        |  |
| Holtek  | HT2201 (ISP)                   | (138)  |  |
| Holtek  | HT2201 [SOT25]                 | (523)  |  |
| Holtek  | HT24C01                        |        |  |
| Holtek  | HT24C01 (ISP)                  | (138)  |  |
| Holtek  | HT24C01 [SOP8]                 | (950)  |  |
| Holtek  | HT24C02                        |        |  |
| Holtek  | HT24C02 (ISP)                  | (138)  |  |
| Holtek  | HT24C02 [SOP8]                 | (950)  |  |
| Holtek  | HT24C04                        |        |  |
| Holtek  | HT24C04 (ISP)                  | (138)  |  |
| Holtek  | HT24C04 [SOP8]                 | (950)  |  |
| Holtek  | HT24LC01                       |        |  |
| Holtek  | HT24LC01 (ISP)                 | (138)  |  |
| Holtek  | HT24LC01 [SOP8]                | (950)  |  |
| Holtek  | HT24LC01 [TSSOP8]              | (121)  |  |
| Holtek  | HT24LC02                       |        |  |
| Holtek  | HT24LC02 (ISP)                 | (138)  |  |
| Holtek  | HT24LC02 [SOP8]                | (950)  |  |
| Holtek  | HT24LC02 [TSSOP8]              | (121)  |  |
| Holtek  | HT24LC02A (ISP)                | (138)  |  |
| Holtek  | HT24LC02A [SOP8]               | (950)  |  |
| Holtek  | HT24LC02A [SOT23-5]            | (523)  |  |
| Holtek  | HT24LC04                       |        |  |
| Holtek  | HT24LC04 (ISP)                 | (138)  |  |
| Holtek  | HT24LC04 [SOP8]                | (950)  |  |
| Holtek  | HT24LC04 [TSSOP8]              | (121)  |  |
| Holtek  | HT24LC08                       |        |  |
| Holtek  | HT24LC08 (ISP)                 | (138)  |  |
| Holtek  | HT24LC08 [SOP8]                | (950)  |  |
| Holtek  | HT24LC08 [TSSOP8]              | (121)  |  |
| Holtek  | HT24LC128                      |        |  |
| Holtek  | HT24LC128 (ISP)                | (138)  |  |
| Holtek  | HT24LC128 [SOP8]               | (950)  |  |
| Holtek  | HT24LC128 [TSSOP8]             | (121)  |  |
| Holtek  | HT24LC16                       |        |  |
| Holtek  | HT24LC16 (ISP)                 | (138)  |  |
| Holtek  | HT24LC16 [SOP8]                | (950)  |  |
| Holtek  | HT24LC16 [TSSOP8]              | (121)  |  |
| Holtek  | HT24LC256                      |        |  |
| Holtek  | HT24LC256 (ISP)                | (138)  |  |
| Holtek  | HT24LC256 [SOP8]               | (950)  |  |
| Holtek  | HT24LC256 [TSSOP8]             | (121)  |  |
| Holtek  | HT24LC32                       |        |  |
| Holtek  | HT24LC32 (ISP)                 | (138)  |  |

|        |                       |             |
|--------|-----------------------|-------------|
| Ho tek | HT24LC32 [SOP8]       | (950)       |
| Ho tek | HT24LC32 [TSSOP8]     | (121)       |
| Ho tek | HT24LC64              |             |
| Ho tek | HT24LC64 (ISP)        | (138)       |
| Ho tek | HT24LC64 [SOP8]       | (950)       |
| Ho tek | HT24LC64 [TSSOP8]     | (121)       |
| Ho tek | HT25LC512 (ISP)       | (138)       |
| Ho tek | HT25LC512 [SOP8]      | (3095) (*1) |
| Ho tek | HT27C010              |             |
| Ho tek | HT27C010 [PLCC32]     | (59)        |
| Ho tek | HT27C010 [SOIC32]     | (98)        |
| Ho tek | HT27C020              |             |
| Ho tek | HT27C020 [PLCC32]     | (59)        |
| Ho tek | HT27C020 [SOIC32]     | (98)        |
| Ho tek | HT27C040              |             |
| Ho tek | HT27C040 [PLCC32]     | (59)        |
| Ho tek | HT27C040 [SOIC32]     | (98)        |
| Ho tek | HT27C4096             |             |
| Ho tek | HT27C4096 [PLCC44]    | (67)        |
| Ho tek | HT27C512              |             |
| Ho tek | HT27C512 [PLCC32-A]   | (59)        |
| Ho tek | HT27C512 [PLCC32-B]   | (59)        |
| Ho tek | HT27C512 [SOIC28]     | (51)        |
| Ho tek | HT27LC010             |             |
| Ho tek | HT27LC010 [PLCC32]    | (59)        |
| Ho tek | HT27LC010 [SOIC32]    | (98)        |
| Ho tek | HT27LC010 [TSOP32-A]  | (655)       |
| Ho tek | HT27LC020             |             |
| Ho tek | HT27LC020 [PLCC32]    | (59)        |
| Ho tek | HT27LC020 [SOIC32]    | (98)        |
| Ho tek | HT27LC020 [TSOP32-A]  | (655)       |
| Ho tek | HT27LC040             |             |
| Ho tek | HT27LC040 [PLCC32]    | (59)        |
| Ho tek | HT27LC040 [SOIC32]    | (98)        |
| Ho tek | HT27LC040 [TSOP32-A]  | (655)       |
| Ho tek | HT27LC4096            |             |
| Ho tek | HT27LC4096 [PLCC44]   | (67)        |
| Ho tek | HT27LC512             |             |
| Ho tek | HT27LC512 [PLCC32-A]  | (59)        |
| Ho tek | HT27LC512 [PLCC32-B]  | (59)        |
| Ho tek | HT27LC512 [TSOP28-A]  | (54)        |
| Ho tek | HT46R22 [DIP24]       |             |
| Ho tek | HT46R22 [SOP24]       | (1062)      |
| Ho tek | HT46R23 [DIP24]       |             |
| Ho tek | HT46R23 [DIP28]       |             |
| Ho tek | HT46R23 [SOP24]       | (1062)      |
| Ho tek | HT46R23 [SOP28]       | (51)        |
| Ho tek | HT46R47 [DIP18]       |             |
| Ho tek | HT46R47 [SOP18]       | (1061)      |
| Ho tek | HT46R52A [SSOP20]     | (2353)      |
| Ho tek | HT46RB70 [SSOP48]     | (194)       |
| Ho tek | HT48F06E [DIP18]      |             |
| Ho tek | HT48F06E [NSOP16]     | (44)        |
| Ho tek | HT48F06E [SOP18]      | (1061)      |
| Ho tek | HT48F06E [SSOP20]     | (2340)      |
| Ho tek | HT48F10E [SKDIP24]    |             |
| Ho tek | HT48F10E [SOP24]      | (1062)      |
| Ho tek | HT48F10E [SSOP24]     | (2341)      |
| Ho tek | HT48F30E [SKDIP24]    |             |
| Ho tek | HT48F30E [SKDIP28]    |             |
| Ho tek | HT48F30E [SOP24]      | (1062)      |
| Ho tek | HT48F30E [SOP28]      | (51)        |
| Ho tek | HT48F30E [SSOP24]     | (2341)      |
| Ho tek | HT48F50E [SKDIP28]    |             |
| Ho tek | HT48F50E [SOP28]      | (51)        |
| Ho tek | HT48F50E [SSOP48]     | (194)       |
| Ho tek | HT48F70E [SSOP48]     | (194)       |
| Ho tek | HT48R05A-1 [DIP18]    |             |
| Ho tek | HT48R05A-1 [SOP18]    | (1061)      |
| Ho tek | HT48R05A-1 [SSOP16]   | (2341)      |
| Ho tek | HT48R062 [NSOP16]     | (44)        |
| Ho tek | HT48R06A-1 [DIP18]    |             |
| Ho tek | HT48R06A-1 [SOP18]    | (1061)      |
| Ho tek | HT48R06A-1 [SSOP16]   | (2341)      |
| Ho tek | HT48R07A-1 [SOP24]    | (1062)      |
| Ho tek | HT48R10A-1 [DIP24]    |             |
| Ho tek | HT48R10A-1 [SOP24]    | (1062)      |
| Ho tek | HT48R12-1 [DIP18]     |             |
| Ho tek | HT48R12-1 [DIP20]     |             |
| Ho tek | HT48R12-B-0 [DIP24]   |             |
| Ho tek | HT48R30A-1 [DIP24]    |             |
| Ho tek | HT48R30A-1 [DIP28]    |             |
| Ho tek | HT48R30A-1 [SOP24]    | (1062)      |
| Ho tek | HT48R30A-1 [SOP28]    | (51)        |
| Ho tek | HT48R50A-1 [DIP28]    |             |
| Ho tek | HT48R50A-1 [DIP40]    |             |
| Ho tek | HT48R50A-1 [SOP28]    | (51)        |
| Ho tek | HT48R50A-1 [SSOP48]   | (194)       |
| Ho tek | HT48R70A-1 [SSOP48]   | (194)       |
| Ho tek | HT48RA0-1 [SOP24]     | (1062)      |
| Ho tek | HT48RA0-2 [SOP20]     | (119)       |
| Ho tek | HT48RA0-3 [SOP20]     | (119)       |
| Ho tek | HT48RA0-3 [SSOP20]    | (2340)      |
| Ho tek | HT48RA0A [SOP20]      | (119)       |
| Ho tek | HT48RA0A [SOP24]      | (1062)      |
| Ho tek | HT48RA1 [SOP28]       | (51)        |
| Ho tek | HT48RA1 [SSOP28]      | (1103)      |
| Ho tek | HT48RA3 [DIP28]       |             |
| Ho tek | HT48RA3 [SOP28]       | (51)        |
| Ho tek | HT48RA3 [SSOP28]      | (1103)      |
| Ho tek | HT48RA5 [SOP28]       | (51)        |
| Ho tek | HT48RA5 [SSOP28]      | (1103)      |
| Ho tek | HT48RB8 [SOP28]       | (51)        |
| Ho tek | HT48RB8 [SSOP48]      | (194)       |
| Ho tek | HT49R30A-1 [SSOP48]   | (194)       |
| Ho tek | HT49R50A-1 [SSOP48]   | (194)       |
| Ho tek | HT81R36 [DIP16]       |             |
| Ho tek | HT82K68E [DIP40]      |             |
| Ho tek | HT82K68E [SOP20]      | (119)       |
| Ho tek | HT82K68E [SOP28]      | (51)        |
| Ho tek | HT82K68E [SSOP48]     | (194)       |
| Ho tek | HT82K96E [DIP40]      |             |
| Ho tek | HT82K96E [SOP20]      | (119)       |
| Ho tek | HT82K96E [SOP28]      | (51)        |
| Ho tek | HT82K96E [SSOP48]     | (194)       |
| Ho tek | HT93C46               |             |
| Ho tek | HT93C46 (ISP)         | (138)       |
| Ho tek | HT93C46-A [SOP8]      | (950)       |
| Ho tek | HT93C46-B [SOP8]      | (950)       |
| Ho tek | HT93C56-A             |             |
| Ho tek | HT93C56-A (ISP)       | (138)       |
| Ho tek | HT93C56-A (x8)        |             |
| Ho tek | HT93C56-A (x8) (ISP)  | (138)       |
| Ho tek | HT93C56-A (x8) [SOP8] | (950)       |
| Ho tek | HT93C56-A [SOP8]      | (950)       |
| Ho tek | HT93C56-B (ISP)       | (138)       |
| Ho tek | HT93C56-B (x8) (ISP)  | (138)       |
| Ho tek | HT93C56-B (x8) [SOP8] | (950)       |

|                |                            |       |
|----------------|----------------------------|-------|
| Holtek         | HT93C56-B [SOP8]           | (950) |
| Holtek         | HT93C56-C                  |       |
| Holtek         | HT93C56-C (ISP)            | (138) |
| Holtek         | HT93C56-C [SOP8]           | (950) |
| Holtek         | HT93C56-D (ISP)            | (138) |
| Holtek         | HT93C56-D [SOP8]           | (950) |
| Holtek         | HT93C66-A                  |       |
| Holtek         | HT93C66-A (ISP)            | (138) |
| Holtek         | HT93C66-A (x8)             |       |
| Holtek         | HT93C66-A (x8) (ISP)       | (138) |
| Holtek         | HT93C66-A (x8) [SOP8]      | (950) |
| Holtek         | HT93C66-A [SOP8]           | (950) |
| Holtek         | HT93C66-B (ISP)            | (138) |
| Holtek         | HT93C66-B (x8) (ISP)       | (138) |
| Holtek         | HT93C66-B (x8) [SOP8]      | (950) |
| Holtek         | HT93C66-B [SOP8]           | (950) |
| Holtek         | HT93C66-C                  |       |
| Holtek         | HT93C66-C (ISP)            | (138) |
| Holtek         | HT93C66-C [SOP8]           | (950) |
| Holtek         | HT93C66-D (ISP)            | (138) |
| Holtek         | HT93C66-D [SOP8]           | (950) |
| Holtek         | HT93C76 (x16)              |       |
| Holtek         | HT93C76 (x16) [SOP8]       | (950) |
| Holtek         | HT93C76 (x8)               |       |
| Holtek         | HT93C76 (x8) [SOP8]        | (950) |
| Holtek         | HT93C86 (x16)              |       |
| Holtek         | HT93C86 (x16) [SOP8]       | (950) |
| Holtek         | HT93C86 (x8)               |       |
| Holtek         | HT93C86 (x8) [SOP8]        | (950) |
| Holtek         | HT93LC46                   |       |
| Holtek         | HT93LC46 (x16) (ISP)       | (138) |
| Holtek         | HT93LC46 (x8) (ISP)        | (138) |
| Holtek         | HT93LC46 [SOP8]            | (950) |
| Holtek         | HT93LC46-A (x16)           |       |
| Holtek         | HT93LC46-A (x16) [SOP8]    | (950) |
| Holtek         | HT93LC46-A (x16) [TSSOP8]  | (121) |
| Holtek         | HT93LC46-A (x8)            |       |
| Holtek         | HT93LC46-A (x8) [SOP8]     | (950) |
| Holtek         | HT93LC46-A (x8) [TSSOP8]   | (121) |
| Holtek         | HT93LC46-B (x16) [SOP8]    | (950) |
| Holtek         | HT93LC46-B (x8) [SOP8]     | (950) |
| Holtek         | HT93LC56                   |       |
| Holtek         | HT93LC56 (x16) (ISP)       | (138) |
| Holtek         | HT93LC56 (x8) (ISP)        | (138) |
| Holtek         | HT93LC56 [SOP8]            | (950) |
| Holtek         | HT93LC56-A (x16)           |       |
| Holtek         | HT93LC56-A (x16) [SOP8]    | (950) |
| Holtek         | HT93LC56-A (x16) [TSSOP8]  | (121) |
| Holtek         | HT93LC56-A (x8)            |       |
| Holtek         | HT93LC56-A (x8) [SOP8]     | (950) |
| Holtek         | HT93LC56-A (x8) [TSSOP8]   | (121) |
| Holtek         | HT93LC56-B (x16) [SOP8]    | (950) |
| Holtek         | HT93LC56-B (x8) [SOP8]     | (950) |
| Holtek         | HT93LC56-C                 |       |
| Holtek         | HT93LC56-C [SOP8]          | (950) |
| Holtek         | HT93LC56-D [SOP8]          | (950) |
| Holtek         | HT93LC66                   |       |
| Holtek         | HT93LC66 (x16) (ISP)       | (138) |
| Holtek         | HT93LC66 (x8) (ISP)        | (138) |
| Holtek         | HT93LC66 [SOP8]            | (950) |
| Holtek         | HT93LC66-A (x16)           |       |
| Holtek         | HT93LC66-A (x16) [SOP8]    | (950) |
| Holtek         | HT93LC66-A (x16) [TSSOP8]  | (121) |
| Holtek         | HT93LC66-A (x8)            |       |
| Holtek         | HT93LC66-A (x8) [SOP8]     | (950) |
| Holtek         | HT93LC66-A (x8) [TSSOP8]   | (121) |
| Holtek         | HT93LC66-B (x16) [SOP8]    | (950) |
| Holtek         | HT93LC66-B (x8) [SOP8]     | (950) |
| Holtek         | HT93LC66-C                 |       |
| Holtek         | HT93LC66-C [SOP8]          | (950) |
| Holtek         | HT93LC66-D [SOP8]          | (950) |
| Holtek         | HT93LC76 (x16)             |       |
| Holtek         | HT93LC76 (x16) [SOP8]      | (950) |
| Holtek         | HT93LC76 (x8)              |       |
| Holtek         | HT93LC76 (x8) [SOP8]       | (950) |
| Holtek         | HT93LC86 (x16)             |       |
| Holtek         | HT93LC86 (x16) [SOP8]      | (950) |
| Holtek         | HT93LC86 (x8)              |       |
| Holtek         | HT93LC86 (x8) [SOP8]       | (950) |
| Honeywell      | 4055857 TT E27C256 [LCC32] | (561) |
| Honeywell      | XD50B-FCL (2x29F080)       | (578) |
| Honeywell      | XD50C-FCL (M29F160FB)      | (578) |
| Honeywell      | XD50-FCL (2x29F040)        | (578) |
| HongKong Semi. | HK1215                     |       |
| HongKong Semi. | HK1225                     |       |
| HongKong Semi. | HK1225N                    |       |
| HongKong Semi. | HK1235                     |       |
| HongKong Semi. | HK1235N                    |       |
| HongKong Semi. | HK1245                     |       |
| HongKong Semi. | HK1245N                    |       |
| HongKong Semi. | HK1255                     |       |
| HongKong Semi. | HK1255N                    |       |
| HongKong Semi. | HK1265                     |       |
| HongKong Semi. | HK1265N                    |       |
| HongKong Semi. | HK1275                     |       |
| HongKong Semi. | HK1275N                    |       |
| HongKong Semi. | HK1285                     |       |
| HongKong Semi. | HK1285N                    |       |
| HongKong Semi. | HK12A5                     |       |
| HongKong Semi. | HK12A5N                    |       |
| Hopefind       | HF24LC01                   |       |
| Hopefind       | HF24LC01 (ISP)             | (138) |
| Hopefind       | HF24LC01 [SOP8]            | (950) |
| Hopefind       | HF24LC01 [TSSOP8]          | (121) |
| Hopefind       | HF24LC02                   |       |
| Hopefind       | HF24LC02 (ISP)             | (138) |
| Hopefind       | HF24LC02 [SOP8]            | (950) |
| Hopefind       | HF24LC02 [TSSOP8]          | (121) |
| Hopefind       | HF24LC04                   |       |
| Hopefind       | HF24LC04 (ISP)             | (138) |
| Hopefind       | HF24LC04 [SOP8]            | (950) |
| Hopefind       | HF24LC04 [TSSOP8]          | (121) |
| Hopefind       | HF24LC08                   |       |
| Hopefind       | HF24LC08 (ISP)             | (138) |
| Hopefind       | HF24LC08 [SOP8]            | (950) |
| Hopefind       | HF24LC08 [TSSOP8]          | (121) |
| Hopefind       | HF24LC16                   |       |
| Hopefind       | HF24LC16 (ISP)             | (138) |
| Hopefind       | HF24LC16 [SOP8]            | (950) |
| Hopefind       | HF24LC16 [TSSOP8]          | (121) |
| Hopefind       | HM24LC01                   |       |
| Hopefind       | HM24LC01 (ISP)             | (138) |
| Hopefind       | HM24LC01 [SOP8]            | (950) |
| Hopefind       | HM24LC01 [TSSOP8]          | (121) |
| Hopefind       | HM24LC02                   |       |
| Hopefind       | HM24LC02 (ISP)             | (138) |
| Hopefind       | HM24LC02 [SOP8]            | (950) |
| Hopefind       | HM24LC02 [TSSOP8]          | (121) |

|                   |                          |        |
|-------------------|--------------------------|--------|
| Hopefind          | HM24LC04                 |        |
| Hopefind          | HM24LC04 (ISP)           | (138)  |
| Hopefind          | HM24LC04 [SOP8]          | (950)  |
| Hopefind          | HM24LC04 [TSSOP8]        | (121)  |
| Hopefind          | HM24LC08                 |        |
| Hopefind          | HM24LC08 (ISP)           | (138)  |
| Hopefind          | HM24LC08 [SOP8]          | (950)  |
| Hopefind          | HM24LC08 [TSSOP8]        | (121)  |
| Hopefind          | HM24LC16                 |        |
| Hopefind          | HM24LC16 (ISP)           | (138)  |
| Hopefind          | HM24LC16 [SOP8]          | (950)  |
| Hopefind          | HM24LC16 [TSSOP8]        | (121)  |
| Hopefind          | HM24LC32                 |        |
| Hopefind          | HM24LC32 (ISP)           | (138)  |
| Hopefind          | HM24LC32 [SOP8]          | (950)  |
| Hopefind          | HM24LC32 [TSSOP8]        | (121)  |
| Hopefind          | HM24LC64                 |        |
| Hopefind          | HM24LC64 (ISP)           | (138)  |
| Hopefind          | HM24LC64 [SOP8]          | (950)  |
| Hopefind          | HM24LC64 [TSSOP8]        | (121)  |
| Hua Hong NEC      | K24C02D                  |        |
| Hua Hong NEC      | K24C02D (ISP)            | (138)  |
| Hua Hong NEC      | K24C02D [DFN8]           | (2995) |
| Hua Hong NEC      | K24C02D [MSOP8]          | (605)  |
| Hua Hong NEC      | K24C02D [SOP8]           | (950)  |
| Hua Hong NEC      | K24C02D [SOT23-5]        | (523)  |
| Hua Hong NEC      | K24C02D [TSSOP8]         | (121)  |
| Hua Hong NEC      | K24C08D                  |        |
| Hua Hong NEC      | K24C08D (ISP)            | (138)  |
| Hua Hong NEC      | K24C08D [DFN8]           | (2995) |
| Hua Hong NEC      | K24C08D [MSOP8]          | (605)  |
| Hua Hong NEC      | K24C08D [SOP8]           | (950)  |
| Hua Hong NEC      | K24C08D [SOT23-5]        | (523)  |
| Hua Hong NEC      | K24C08D [TSSOP8]         | (121)  |
| Hua Hong NEC      | K24C16                   |        |
| Hua Hong NEC      | K24C16 (ISP)             | (138)  |
| Hua Hong NEC      | K24C16 [SOP8]            | (950)  |
| Hua Hong NEC      | K24C16 [TSSOP8]          | (121)  |
| Hua Hong NEC      | K24C32                   |        |
| Hua Hong NEC      | K24C32 (ISP)             | (138)  |
| Hua Hong NEC      | K24C32 [DFN8]            | (2995) |
| Hua Hong NEC      | K24C32 [MSOP8]           | (605)  |
| Hua Hong NEC      | K24C32 [SOP8]            | (950)  |
| Hua Hong NEC      | K24C32 [TSSOP8]          | (121)  |
| Hua Hong ZealCore | HE24C02                  |        |
| Hua Hong ZealCore | HE24C02 (ISP)            | (138)  |
| Hua Hong ZealCore | HE24C02 [DFN8-2x3]       | (4538) |
| Hua Hong ZealCore | HE24C02 [MSOP8]          | (605)  |
| Hua Hong ZealCore | HE24C02 [SOP8]           | (950)  |
| Hua Hong ZealCore | HE24C02 [SOT23-5]        | (523)  |
| Hua Hong ZealCore | HE24C02 [TSSOP8]         | (121)  |
| Hua Hong ZealCore | HE24C04                  |        |
| Hua Hong ZealCore | HE24C04 (ISP)            | (138)  |
| Hua Hong ZealCore | HE24C04 [SOP8]           | (950)  |
| Hua Hong ZealCore | HE24C04 [TSSOP8]         | (121)  |
| Hua Hong ZealCore | HE24C04 [UDFN8-2x3]      | (4538) |
| Hua Hong ZealCore | HE24C08                  |        |
| Hua Hong ZealCore | HE24C08 (ISP)            | (138)  |
| Hua Hong ZealCore | HE24C08 [SOP8]           | (950)  |
| Hua Hong ZealCore | HE24C08 [TSSOP8]         | (121)  |
| Hua Hong ZealCore | HE24C08 [UDFN8-2x3]      | (4538) |
| Hua Hong ZealCore | HE24C128                 |        |
| Hua Hong ZealCore | HE24C128 (ISP)           | (138)  |
| Hua Hong ZealCore | HE24C128 [SOP8-150]      | (950)  |
| Hua Hong ZealCore | HE24C128 [TSSOP8]        | (121)  |
| Hua Hong ZealCore | HE24C128 [UDFN8-2x3]     | (4538) |
| Hua Hong ZealCore | HE24C16                  |        |
| Hua Hong ZealCore | HE24C16 (ISP)            | (138)  |
| Hua Hong ZealCore | HE24C16 [SOP8]           | (950)  |
| Hua Hong ZealCore | HE24C16 [TSSOP8]         | (121)  |
| Hua Hong ZealCore | HE24C16 [UDFN8-2x3]      | (4538) |
| Hua Hong ZealCore | HE24C256                 |        |
| Hua Hong ZealCore | HE24C256 (ISP)           | (138)  |
| Hua Hong ZealCore | HE24C256 [SOP8-150]      | (950)  |
| Hua Hong ZealCore | HE24C256 [TSSOP8]        | (121)  |
| Hua Hong ZealCore | HE24C256 [UDFN8-2x3]     | (4538) |
| Hua Hong ZealCore | HE24C32                  |        |
| Hua Hong ZealCore | HE24C32 (ISP)            | (138)  |
| Hua Hong ZealCore | HE24C32 [SOP8]           | (950)  |
| Hua Hong ZealCore | HE24C32 [TSSOP8]         | (121)  |
| Hua Hong ZealCore | HE24C32 [UDFN8-2x3]      | (4538) |
| Hua Hong ZealCore | HE24C512                 |        |
| Hua Hong ZealCore | HE24C512 (ISP)           | (138)  |
| Hua Hong ZealCore | HE24C512 [SOP8-150]      | (950)  |
| Hua Hong ZealCore | HE24C512 [TSSOP8]        | (121)  |
| Hua Hong ZealCore | HE24C512 [UDFN8-2x3]     | (4538) |
| Hua Hong ZealCore | HE24C64                  |        |
| Hua Hong ZealCore | HE24C64 (ISP)            | (138)  |
| Hua Hong ZealCore | HE24C64 [SOP8-150]       | (950)  |
| Hua Hong ZealCore | HE24C64 [TSSOP8]         | (121)  |
| Hua Hong ZealCore | HE24C64 [UDFN8-2x3]      | (4538) |
| Hua Hong ZealCore | HE93C46 (x16)            |        |
| Hua Hong ZealCore | HE93C46 (x16) (ISP)      | (138)  |
| Hua Hong ZealCore | HE93C46 (x16) [DFN8-3x2] | (2995) |
| Hua Hong ZealCore | HE93C46 (x16) [MSOP8]    | (605)  |
| Hua Hong ZealCore | HE93C46 (x16) [SOP8]     | (950)  |
| Hua Hong ZealCore | HE93C46 (x16) [TSSOP8]   | (121)  |
| Hua Hong ZealCore | HE93C46 (x8)             |        |
| Hua Hong ZealCore | HE93C46 (x8) (ISP)       | (138)  |
| Hua Hong ZealCore | HE93C46 (x8) [DFN8-3x2]  | (2995) |
| Hua Hong ZealCore | HE93C46 (x8) [SOP8]      | (950)  |
| Hua Hong ZealCore | HE93C46 (x8) [TSSOP8]    | (121)  |
| Hua Hong ZealCore | HE93C56 (x8) [MSOP8]     | (605)  |
| Hua Jie Tech.     | K24C02                   |        |
| Hua Jie Tech.     | K24C02 (ISP)             | (138)  |
| Hua Jie Tech.     | K24C02 [SOP8]            | (950)  |
| Hua Jie Tech.     | K24C02 [TSSOP8]          | (121)  |
| Hua Jie Tech.     | K24C02C                  |        |
| Hua Jie Tech.     | K24C02C (ISP)            | (138)  |
| Hua Jie Tech.     | K24C02C [SOP8]           | (950)  |
| Hua Jie Tech.     | K24C02C [TSSOP8]         | (121)  |
| Hua Jie Tech.     | K24C02D                  |        |
| Hua Jie Tech.     | K24C02D (ISP)            | (138)  |
| Hua Jie Tech.     | K24C02D [DFN8]           | (2995) |
| Hua Jie Tech.     | K24C02D [MSOP8]          | (605)  |
| Hua Jie Tech.     | K24C02D [SOP8]           | (950)  |
| Hua Jie Tech.     | K24C02D [SOT23-5]        | (523)  |
| Hua Jie Tech.     | K24C02D [TSSOP8]         | (121)  |
| Hua Jie Tech.     | K24C04                   |        |
| Hua Jie Tech.     | K24C04 (ISP)             | (138)  |
| Hua Jie Tech.     | K24C04 [DFN8]            | (2995) |
| Hua Jie Tech.     | K24C04 [MSOP8]           | (605)  |
| Hua Jie Tech.     | K24C04 [SOP8]            | (950)  |
| Hua Jie Tech.     | K24C04 [SOT23-5]         | (523)  |
| Hua Jie Tech.     | K24C04 [TSSOP8]          | (121)  |
| Hua Jie Tech.     | K24C08                   |        |
| Hua Jie Tech.     | K24C08 (ISP)             | (138)  |
| Hua Jie Tech.     | K24C08 [SOP8]            | (950)  |

|               |                       |             |
|---------------|-----------------------|-------------|
| Hua Jie Tech. | K24C08 [TSSOP8]       | (121)       |
| Hua Jie Tech. | K24C08C               |             |
| Hua Jie Tech. | K24C08C (ISP)         | (138)       |
| Hua Jie Tech. | K24C08C [SOP8]        | (950)       |
| Hua Jie Tech. | K24C08C [TSSOP8]      | (121)       |
| Hua Jie Tech. | K24C08D               |             |
| Hua Jie Tech. | K24C08D (ISP)         | (138)       |
| Hua Jie Tech. | K24C08D [DFN8]        | (2995)      |
| Hua Jie Tech. | K24C08D [MSOP8]       | (605)       |
| Hua Jie Tech. | K24C08D [SOP8]        | (950)       |
| Hua Jie Tech. | K24C08D [SOT23-5]     | (523)       |
| Hua Jie Tech. | K24C08D [TSSOP8]      | (121)       |
| Hua Jie Tech. | K24C128               |             |
| Hua Jie Tech. | K24C128 (ISP)         | (138)       |
| Hua Jie Tech. | K24C128 [DFN8]        | (1420)      |
| Hua Jie Tech. | K24C128 [SOP8]        | (950)       |
| Hua Jie Tech. | K24C128 [TSSOP8]      | (121)       |
| Hua Jie Tech. | K24C16                |             |
| Hua Jie Tech. | K24C16 (ISP)          | (138)       |
| Hua Jie Tech. | K24C16 [SOP8]         | (950)       |
| Hua Jie Tech. | K24C16 [TSSOP8]       | (121)       |
| Hua Jie Tech. | K24C16B               |             |
| Hua Jie Tech. | K24C16B (ISP)         | (138)       |
| Hua Jie Tech. | K24C16B [DFN8]        | (2995)      |
| Hua Jie Tech. | K24C16B [MSOP8]       | (605)       |
| Hua Jie Tech. | K24C16B [SOP8]        | (950)       |
| Hua Jie Tech. | K24C16B [SOT23-5]     | (523)       |
| Hua Jie Tech. | K24C16B [TSSOP8]      | (121)       |
| Hua Jie Tech. | K24C256               |             |
| Hua Jie Tech. | K24C256 (ISP)         | (138)       |
| Hua Jie Tech. | K24C256 [SOP8]        | (950)       |
| Hua Jie Tech. | K24C256 [TSSOP8]      | (121)       |
| Hua Jie Tech. | K24C32                |             |
| Hua Jie Tech. | K24C32 (ISP)          | (138)       |
| Hua Jie Tech. | K24C32 [DFN8]         | (2995)      |
| Hua Jie Tech. | K24C32 [MSOP8]        | (605)       |
| Hua Jie Tech. | K24C32 [SOP8]         | (950)       |
| Hua Jie Tech. | K24C32 [TSSOP8]       | (121)       |
| Hua Jie Tech. | K24C64                |             |
| Hua Jie Tech. | K24C64 (ISP)          | (138)       |
| Hua Jie Tech. | K24C64 [DFN8]         | (2995)      |
| Hua Jie Tech. | K24C64 [MSOP8]        | (605)       |
| Hua Jie Tech. | K24C64 [SOP8]         | (950)       |
| Hua Jie Tech. | K24C64 [TSSOP8]       | (121)       |
| Hua Jie Tech. | K34C02 (ISP)          | (138)       |
| Hua Jie Tech. | K34C02 [SOP8]         | (950)       |
| Hua Jie Tech. | K34C02 [TSSOP8]       | (121)       |
| Hua Jie Tech. | K34TS02 (ISP)         | (138)       |
| Hua Jie Tech. | K34TS02 [TDFN8]       | (2995)      |
| Hua Jie Tech. | K34TS02 [TSSOP8]      | (121)       |
| Hua Jie Tech. | K93C46 (x16)          |             |
| Hua Jie Tech. | K93C46 (x16) (ISP)    | (138)       |
| Hua Jie Tech. | K93C46 (x16) [SOIC8]  | (950)       |
| Hua Jie Tech. | K93C46 (x16) [TSSOP8] | (121)       |
| Hua Jie Tech. | K93C46 (x8)           |             |
| Hua Jie Tech. | K93C46 (x8) (ISP)     | (138)       |
| Hua Jie Tech. | K93C46 (x8) [SOIC8]   | (950)       |
| Hua Jie Tech. | K93C46 (x8) [TSSOP8]  | (121)       |
| Hua Jie Tech. | K93C56 (x16)          |             |
| Hua Jie Tech. | K93C56 (x16) (ISP)    | (138)       |
| Hua Jie Tech. | K93C56 (x16) [SOIC8]  | (950)       |
| Hua Jie Tech. | K93C56 (x16) [TSSOP8] | (121)       |
| Hua Jie Tech. | K93C56 (x8)           |             |
| Hua Jie Tech. | K93C56 (x8) (ISP)     | (138)       |
| Hua Jie Tech. | K93C56 (x8) [SOIC8]   | (950)       |
| Hua Jie Tech. | K93C56 (x8) [TSSOP8]  | (121)       |
| Hua Jie Tech. | K93C66 (x16)          |             |
| Hua Jie Tech. | K93C66 (x16) (ISP)    | (138)       |
| Hua Jie Tech. | K93C66 (x16) [SOIC8]  | (950)       |
| Hua Jie Tech. | K93C66 (x16) [TSSOP8] | (121)       |
| Hua Jie Tech. | K93C66 (x8)           |             |
| Hua Jie Tech. | K93C66 (x8) (ISP)     | (138)       |
| Hua Jie Tech. | K93C66 (x8) [SOIC8]   | (950)       |
| Hua Jie Tech. | K93C66 (x8) [TSSOP8]  | (121)       |
| Huahong       | BH25D16A [SOP8-150]   | (3094) (*1) |
| Huahong       | BH25D16A [SOP8-208]   | (3087) (*1) |
| Huahong       | BH25D16A [TSSOP8]     | (1388)      |
| Huahong       | BH25D16A [WSON8 5x6]  | (4117) (*1) |
| Huahong       | BH25Q128AS [SOP8-208] | (3087) (*1) |
| Huahong       | BH25Q32BS (ISP)       | (138)       |
| Huahong       | BH25Q32BS [SOP8-150]  | (3094) (*1) |
| Huahong       | BH25Q32BS [SOP8-208]  | (3087) (*1) |
| Huahong       | BH25Q32BS [TSSOP8]    | (1388)      |
| Huahong       | BH25Q32BS [WSON8 5x6] | (4117) (*1) |
| Huahong       | BH25Q64BS [SOP8-208]  | (3087) (*1) |
| Huawei        | SD5000V100 [LQFP176]  | (2692)      |
| Huawei        | SD5000V200 [TFBGA208] | (2691)      |
| Hynix         | GMS34004TK            |             |
| Hynix         | GMS34004TM            |             |
| Hynix         | GMS34112TK            |             |
| Hynix         | GMS34112TK [SOP20]    | (119)       |
| Hynix         | GMS34112TK [SSOP20]   | (1089)      |
| Hynix         | GMS34112TM            |             |
| Hynix         | GMS34112TM [SOP20]    | (119)       |
| Hynix         | GMS34112TM [SSOP20]   | (1089)      |
| Hynix         | GMS34140TK            |             |
| Hynix         | GMS34140TK [SOP24]    | (1062)      |
| Hynix         | GMS34140TM            |             |
| Hynix         | GMS34140TM [SOP24]    | (1062)      |
| Hynix         | GMS77C1000            |             |
| Hynix         | GMS77C1000 [SOIC18]   | (1061)      |
| Hynix         | GMS77C1000 [SSOP20]   | (91)        |
| Hynix         | GMS77C1001            |             |
| Hynix         | GMS77C1001 [SOIC18]   | (1061)      |
| Hynix         | GMS77C1001 [SSOP20]   | (91)        |
| Hynix         | GMS81516BT [LQFP64]   | (921)       |
| Hynix         | GMS81516BT [MQFP64]   | (920)       |
| Hynix         | GMS81516BT [SDIP64]   | (919)       |
| Hynix         | GMS81524BT [LQFP64]   | (921)       |
| Hynix         | GMS81524BT [MQFP64]   | (920)       |
| Hynix         | GMS81524BT [SDIP64]   | (919)       |
| Hynix         | GMS82524T [MQFP44]    | (108)       |
| Hynix         | GMS82524T [SDIP42]    | (164)       |
| Hynix         | GMS87C1102            |             |
| Hynix         | GMS87C1102 [SOIC16]   | (1060)      |
| Hynix         | GMS87C1202            |             |
| Hynix         | GMS87C1202 [SOIC20]   | (119)       |
| Hynix         | GMS87C1404            |             |
| Hynix         | GMS87C1404 [SOIC28]   | (51)        |
| Hynix         | GMS87C1408            |             |
| Hynix         | GMS87C1408 [SOIC28]   | (51)        |
| Hynix         | GMS97C1051            |             |
| Hynix         | GMS97C1051 [SOP20]    | (119)       |
| Hynix         | GMS97C2051            |             |
| Hynix         | GMS97C2051 [SOP20]    | (119)       |
| Hynix         | GMS97C51              |             |
| Hynix         | GMS97C51 [MQFP44]     | (108)       |
| Hynix         | GMS97C51 [PLCC44]     | (67)        |

|       |                |           |             |
|-------|----------------|-----------|-------------|
| Hynix | GMS97C52       |           |             |
| Hynix | GMS97C52       | [MQFP44]  | (108)       |
| Hynix | GMS97C52       | [PLCC44]  | (67)        |
| Hynix | GMS97C54       |           |             |
| Hynix | GMS97C54       | [MQFP44]  | (108)       |
| Hynix | GMS97C54       | [PLCC44]  | (67)        |
| Hynix | GMS97C56       |           |             |
| Hynix | GMS97C56       | [MQFP44]  | (108)       |
| Hynix | GMS97C56       | [PLCC44]  | (67)        |
| Hynix | GMS97C58       |           |             |
| Hynix | GMS97C58       | [MQFP44]  | (108)       |
| Hynix | GMS97C58       | [PLCC44]  | (67)        |
| Hynix | GMS97L1051     |           |             |
| Hynix | GMS97L1051     | [SOP20]   | (119)       |
| Hynix | GMS97L2051     |           |             |
| Hynix | GMS97L2051     | [SOP20]   | (119)       |
| Hynix | GMS97L51       |           |             |
| Hynix | GMS97L51       | [MQFP44]  | (108)       |
| Hynix | GMS97L51       | [PLCC44]  | (67)        |
| Hynix | GMS97L52       |           |             |
| Hynix | GMS97L52       | [MQFP44]  | (108)       |
| Hynix | GMS97L52       | [PLCC44]  | (67)        |
| Hynix | GMS97L54       |           |             |
| Hynix | GMS97L54       | [MQFP44]  | (108)       |
| Hynix | GMS97L54       | [PLCC44]  | (67)        |
| Hynix | GMS97L56       |           |             |
| Hynix | GMS97L56       | [MQFP44]  | (108)       |
| Hynix | GMS97L56       | [PLCC44]  | (67)        |
| Hynix | GMS97L58       |           |             |
| Hynix | GMS97L58       | [MQFP44]  | (108)       |
| Hynix | GMS97L58       | [PLCC44]  | (67)        |
| Hynix | GMS99C58       |           |             |
| Hynix | GMS99C58       | [MQFP44]  | (108)       |
| Hynix | GMS99C58       | [PLCC44]  | (67)        |
| Hynix | H26M11002AAR   | [FBGA169] | (2392) (*1) |
| Hynix | H26M21001ECR   | [FBGA153] | (2578) (*1) |
| Hynix | H26M21001FPR   | [FBGA153] | (2667) (*1) |
| Hynix | H26M31001EFR   | [FBGA169] | (2392) (*1) |
| Hynix | H26M31001FPR   | [FBGA153] | (2667) (*1) |
| Hynix | H26M31002GPR   | [FBGA153] | (2667) (*1) |
| Hynix | H26M31002GRR   | [FBGA153] | (3257) (*1) |
| Hynix | H26M42001EFR   | [FBGA169] | (2392) (*1) |
| Hynix | H26M42001FMR   | [FBGA153] | (2634) (*1) |
| Hynix | H26M42002GMR   | [FBGA153] | (2634) (*1) |
| Hynix | H26M42002GSR   | [FBGA153] | (3257) (*1) |
| Hynix | H26M52002CKR   | [FBGA169] | (2577) (*1) |
| Hynix | H26M54001DQR   | [FBGA169] | (2693) (*1) |
| Hynix | H26M54002EMR   | [FBGA153] | (2634) (*1) |
| Hynix | H26M64002BNR   | [FBGA169] | (2577) (*1) |
| Hynix | H26M68002DCR   | [FBGA153] | (2578) (*1) |
| Hynix | H26M78002ANR   | [FBGA169] | (2577) (*1) |
| Hynix | H27S1G8S2A     | [TSOP48]  | (1266) (*1) |
| Hynix | H27U1G8F2B     | [FBGA63]  | (2690) (*1) |
| Hynix | H27U1G8F2B     | [FBGA63]  | (2690) (*1) |
| Hynix | H27U1G8F2B     | [FBGA63]  | (2690) (*1) |
| Hynix | H27U1G8F2B     | [TSOP48]  | (1266) (*1) |
| Hynix | H27U1G8F2B     | [TSOP48]  | (DWO-02)    |
| Hynix | H27U1G8F2B     | [TSOP48]  | (LEX-01)    |
| Hynix | H27U1G8F2B     | [TSOP48]  | (LEX-02)    |
| Hynix | H27U1G8F2B     | [TSOP48]  | (LGE-06)    |
| Hynix | H27U1G8F2B     | [TSOP48]  | (LGE-14)    |
| Hynix | H27U1G8F2B     | [TSOP48]  | (LGE-28)    |
| Hynix | H27U1G8F2B     | [TSOP48]  | (T&W-01)    |
| Hynix | H27U1G8F2C     | [FBGA63]  | (2690) (*1) |
| Hynix | H27U1G8F2C     | [TSOP48]  | (1266) (*1) |
| Hynix | H27U1G8F2C     | [TSOP48]  | (JQR-01)    |
| Hynix | H27U1G8F2C     | [TSOP48]  | (LGE-36)    |
| Hynix | H27U2G8F2C     | [TSOP48]  | (1266) (*1) |
| Hynix | H27U2G8F2C     | [TSOP48]  | (LGE-33)    |
| Hynix | H27U2G8F2C     | [TSOP48]  | (LGE-39)    |
| Hynix | H27U2G8F2C     | [TSOP48]  | (TTE-01)    |
| Hynix | H27U2G8F2D     | [TSOP48]  | (LGE-43)    |
| Hynix | H27U2G8F2D     | [TSOP48]  | (TTE-01)    |
| Hynix | H27U4G8F2D     | [TSOP48]  | (1266) (*1) |
| Hynix | H27U4G8T2B     | [TSOP48]  | (1266) (*1) |
| Hynix | H27U4G8T2B     | [TSOP48]  | (AML-01)    |
| Hynix | H27U518S2C     | [TSOP48]  | (1266) (*1) |
| Hynix | H27U518S2C     | [TSOP48]  | (T&W-01)    |
| Hynix | H27U8G8F2M     | [TSOP48]  | (1266) (*1) |
| Hynix | H27U8G8G5D     | [TSOP48]  | (1266) (*1) |
| Hynix | H27U8G8T2B     | [TSOP48]  | (1266) (*1) |
| Hynix | H27U8G8T2B     | [TSOP48]  | (AML-01)    |
| Hynix | H27UAG8G5M     | [TSOP48]  | (1266) (*1) |
| Hynix | H27UAG8T2A     | [TSOP48]  | (1266) (*1) |
| Hynix | H27UAG8T2B     | [TSOP48]  | (1266) (*1) |
| Hynix | H27UAG8T2B     | [TSOP48]  | (AML-01)    |
| Hynix | H27UAG8T2M     | [TSOP48]  | (1266) (*1) |
| Hynix | H27UBG8H5M     | [TSOP48]  | (1266) (*1) |
| Hynix | H27UBG8T2A     | [TSOP48]  | (1266) (*1) |
| Hynix | H27UBG8T2B     | [TSOP48]  | (1266) (*1) |
| Hynix | H27UBG8T2C     | [TSOP48]  | (1266) (*1) |
| Hynix | H27UBG8U5M     | [TSOP48]  | (1266) (*1) |
| Hynix | H27UCG8T2A     | [TSOP48]  | (1266) (*1) |
| Hynix | H27UCG8T2B     | [TSOP48]  | (1266) (*1) |
| Hynix | H27UCG8T2M     | [VLGA52]  | (2619)      |
| Hynix | H27UCG8V5M     | [TSOP48]  | (1266) (*1) |
| Hynix | H27UCG8VFM     | [TSOP48]  | (1266) (*1) |
| Hynix | H8ACS0CE0ABR   | [FBGA107] | (687)       |
| Hynix | H8ACS0CF0ACR   | [FBGA137] | (1287)      |
| Hynix | H8ACS0EH0ACR   | [FBGA137] | (3047) (*1) |
| Hynix | H8ACS0EH0ACR   | [FBGA137] | (3047) (*1) |
| Hynix | H8ACS0PE0MBR   | [FBGA107] | (687)       |
| Hynix | H8ACS0PL0ACR   | [FBGA137] | (3047) (*1) |
| Hynix | H8BCS0CE0ABR   | [FBGA107] | (687)       |
| Hynix | H8BCS0QG0ABR   | [FBGA107] | (1208)      |
| Hynix | H8BCS0QI0MA    | [FBGA149] | (1124)      |
| Hynix | H8BES0UQ0MCR   | [FBGA137] | (3022) (*1) |
| Hynix | H8BES0UU0MCR   | [FBGA137] | (3022) (*1) |
| Hynix | H9DA1GG51HAMBR | [FBGA107] | (687)       |
| Hynix | H9DA1GH51JAMCR | [FBGA137] | (3022) (*1) |
| Hynix | H9LA1GG25LBMC  | [FBGA137] | (3022) (*1) |
| Hynix | HMS81020ET     | [PDIP20]  |             |
| Hynix | HMS81020ET     | [SKDIP24] |             |
| Hynix | HMS81020ET     | [SKDIP28] |             |
| Hynix | HMS81020ET     | [SOIC20]  | (119)       |
| Hynix | HMS81020ET     | [SOIC24]  | (1062)      |
| Hynix | HMS81020ET     | [SOIC28]  | (51)        |
| Hynix | HMS81020TL     | [PDIP20]  |             |
| Hynix | HMS81020TL     | [SKDIP24] |             |
| Hynix | HMS81020TL     | [SKDIP28] |             |
| Hynix | HMS81020TL     | [SOIC20]  | (119)       |
| Hynix | HMS81020TL     | [SOIC24]  | (1062)      |
| Hynix | HMS81020TL     | [SOIC28]  | (51)        |
| Hynix | HMS81032ET     | [PDIP20]  |             |
| Hynix | HMS81032ET     | [SKDIP24] |             |
| Hynix | HMS81032ET     | [SKDIP28] |             |
| Hynix | HMS81032ET     | [SOIC20]  | (119)       |
| Hynix | HMS81032ET     | [SOIC24]  | (1062)      |

|       |              |                   |                    |
|-------|--------------|-------------------|--------------------|
| Hynix | HMS81032ET   | [SOIC28]          | (51)               |
| Hynix | HMS81032TL   | [PDIP20]          |                    |
| Hynix | HMS81032TL   | [SKDIP24]         |                    |
| Hynix | HMS81032TL   | [SKDIP28]         |                    |
| Hynix | HMS81032TL   | [SOIC20]          | (119)              |
| Hynix | HMS81032TL   | [SOIC24]          | (1062)             |
| Hynix | HMS81032TL   | [SOIC28]          | (51)               |
| Hynix | HMS87C1102A  |                   |                    |
| Hynix | HMS87C1102A  | [SOIC16]          | (1060)             |
| Hynix | HMS87C1104A  |                   |                    |
| Hynix | HMS87C1104A  | [SOIC16]          | (1060)             |
| Hynix | HMS87C1202A  |                   |                    |
| Hynix | HMS87C1202A  | [SOIC20]          | (119)              |
| Hynix | HMS87C1204A  |                   |                    |
| Hynix | HMS87C1204A  | [SOIC20]          | (119)              |
| Hynix | HMS87C1302A  |                   |                    |
| Hynix | HMS87C1302A  | [SOIC24]          | (1062)             |
| Hynix | HMS87C1304A  |                   |                    |
| Hynix | HMS87C1304A  | [SOIC24]          | (1062)             |
| Hynix | HMS87C1404B  |                   |                    |
| Hynix | HMS87C1404B  | [SOIC28]          | (51)               |
| Hynix | HMS87C1408B  |                   |                    |
| Hynix | HMS87C1408B  | [SOIC28]          | (51)               |
| Hynix | HMS87C1416B  |                   |                    |
| Hynix | HMS87C1416B  | [SOIC28]          | (51)               |
| Hynix | HMS87C1508B  |                   |                    |
| Hynix | HMS87C1516B  |                   |                    |
| Hynix | HMS87C1608B  |                   |                    |
| Hynix | HMS87C1616B  |                   |                    |
| Hynix | HMS87C1708B  | [SDIP42]          | (164)              |
| Hynix | HMS87C1716B  | [SDIP42]          | (164)              |
| Hynix | HMS87C1808B  | [MQFP44]          | (108)              |
| Hynix | HMS87C1816B  | [MQFP44]          | (108)              |
| Hynix | HMS99C51     |                   |                    |
| Hynix | HMS99C51     | [MQFP44]          | (108)              |
| Hynix | HMS99C51     | [PLCC44]          | (67)               |
| Hynix | HMS99C51S    |                   |                    |
| Hynix | HMS99C51S    | [MQFP44]          | (108)              |
| Hynix | HMS99C51S    | [PLCC44]          | (67)               |
| Hynix | HMS99C52     |                   |                    |
| Hynix | HMS99C52     | [MQFP44]          | (108)              |
| Hynix | HMS99C52     | [PLCC44]          | (67)               |
| Hynix | HMS99C52S    |                   |                    |
| Hynix | HMS99C52S    | [MQFP44]          | (108)              |
| Hynix | HMS99C52S    | [PLCC44]          | (67)               |
| Hynix | HMS99C54S    |                   |                    |
| Hynix | HMS99C54S    | [MQFP44]          | (108)              |
| Hynix | HMS99C54S    | [PLCC44]          | (67)               |
| Hynix | HMS99C56S    |                   |                    |
| Hynix | HMS99C56S    | [MQFP44]          | (108)              |
| Hynix | HMS99C56S    | [PLCC44]          | (67)               |
| Hynix | HMS99C58S    |                   |                    |
| Hynix | HMS99C58S    | [MQFP44]          | (108)              |
| Hynix | HMS99C58S    | [PLCC44]          | (67)               |
| Hynix | HY23DF1GAM   | [FBGA115]         | (1179) (9999)      |
| Hynix | HY23DF1GAM   | [FBGA115] (DSH)   | (1179) (9999)      |
| Hynix | HY23DF2GAM   | [FBGA115]         | (1179) (9999)      |
| Hynix | HY23DF2GAM   | [FBGA115] (DSH)   | (1179) (9999)      |
| Hynix | HY2764       |                   |                    |
| Hynix | HY27C64A     |                   |                    |
| Hynix | HY27SA161G1M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27SF081G2A | [FBGA63]          | (2690) (*1)        |
| Hynix | HY27SF082G2B | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27SF161G2A | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27SF162G2B | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27SS08121A | [FBGA63]          | (2690) (*1)        |
| Hynix | HY27SS08121A | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27SS08121A | [USOP48]          | (2829)             |
| Hynix | HY27SS08121B | [FBGA63]          | (2690) (*1)        |
| Hynix | HY27SS08121B | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27SS08121B | [USOP48]          | (2829)             |
| Hynix | HY27SS08122B | [FBGA63]          | (2690) (*1)        |
| Hynix | HY27SS08122B | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27SS08122B | [USOP48]          | (2829)             |
| Hynix | HY27SS08561M | [FBGA63]          | (2690) (*1)        |
| Hynix | HY27SS16121A | [FBGA63]          | (2690) (*1)        |
| Hynix | HY27SS16121A | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27SS16121A | [USOP48]          | (2829)             |
| Hynix | HY27SS16121B | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27SS16122B | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27SS16561M | [FBGA63]          | (2690) (*1)        |
| Hynix | HY27UA081G1M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UA081G1M | [WSOP48]          | (2829)             |
| Hynix | HY27UA082G2M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UA082G2M | [WSOP48]          | (2829)             |
| Hynix | HY27UA161G1M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UF081G2A | [FBGA63]          | (2690) (*1)        |
| Hynix | HY27UF081G2A | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UF081G2A | [TSOP48] (AML-01) | (1266) (*1)        |
| Hynix | HY27UF081G2A | [TSOP48] (LGE-06) | (1266) (*1)        |
| Hynix | HY27UF081G2A | [TSOP48] (LGE-10) | (1266) (*1)        |
| Hynix | HY27UF081G2A | [TSOP48] (QIS-01) | (1266) (9999) (*1) |
| Hynix | HY27UF081G2A | [WSOP48]          | (2829)             |
| Hynix | HY27UF081G2M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UF081G2M | [USOP48]          | (2829)             |
| Hynix | HY27UF082G2A | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UF082G2A | [TSOP48] (LEX-01) | (1266) (*1)        |
| Hynix | HY27UF082G2B | [FBGA63]          | (2690) (*1)        |
| Hynix | HY27UF082G2B | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UF082G2B | [TSOP48] (AML-01) | (1266) (*1)        |
| Hynix | HY27UF082G2B | [TSOP48] (BSP-01) | (1266) (*1)        |
| Hynix | HY27UF082G2B | [TSOP48] (LEX-02) | (1266) (*1)        |
| Hynix | HY27UF082G2B | [TSOP48] (LGE-05) | (1266) (*1)        |
| Hynix | HY27UF082G2B | [TSOP48] (LGE-12) | (1266) (*1)        |
| Hynix | HY27UF082G2B | [TSOP48] (LGE-31) | (1266) (*1)        |
| Hynix | HY27UF082G2B | [TSOP48] (T&W-01) | (1266) (*1)        |
| Hynix | HY27UF082G2M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UF082G2M | [WSOP48]          | (2829)             |
| Hynix | HY27UF084G2B | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UF084G2B | [TSOP48] (HUA-01) | (1266) (*1)        |
| Hynix | HY27UF084G2B | [TSOP48] (QIS-01) | (1266) (*1)        |
| Hynix | HY27UF084G2B | [TSOP48] (QIS-02) | (1266) (9999) (*1) |
| Hynix | HY27UF084G2M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UF161G2A | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UF162G2A | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UF162G2B | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UF164G2B | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UG082G2M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UG082G2M | [WSOP48]          | (2829)             |
| Hynix | HY27UG084G2M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UG088G5B | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UG088G5M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UG162G2M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UG162G2M | [USOP48]          | (2829)             |
| Hynix | HY27UG164G2M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UH084G2M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UH088G2M | [TSOP48]          | (1266) (*1)        |
| Hynix | HY27UH088GDM | [TLGA52]          | (2303)             |

|       |                 |                     |                    |
|-------|-----------------|---------------------|--------------------|
| Hynix | HY27UH08AG5B    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27UH08AG5M    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27UH08AGDM    | [TLGA52]            | (2303)             |
| Hynix | HY27UH164G2M    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27UK08BGF8    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27UK08BGF8    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US08121A    | [FBGA63]            | (2690) (*1)        |
| Hynix | HY27US08121A    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US08121A    | [USOP48]            | (2829)             |
| Hynix | HY27US08121B    | [FBGA63]            | (2690) (*1)        |
| Hynix | HY27US08121B    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US08121B    | (ALT-01) [TSOP48]   | (1266) (*1)        |
| Hynix | HY27US08121B    | (ALT-02) [TSOP48]   | (1266) (*1)        |
| Hynix | HY27US08121B    | (LGE-01) [TSOP48]   | (1266) (*1)        |
| Hynix | HY27US08121B    | (LGE-02) [TSOP48]   | (1266) (*1)        |
| Hynix | HY27US08121B    | [USOP48]            | (2829)             |
| Hynix | HY27US08121M    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US08121M    | [USOP48]            | (2829)             |
| Hynix | HY27US08122B    | [FBGA63]            | (2690) (*1)        |
| Hynix | HY27US08122B    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US08122B    | [USOP48]            | (2829)             |
| Hynix | HY27US081G1M    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US081G1M    | [USOP48]            | (2829)             |
| Hynix | HY27US08281A    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US08281A    | (ALT-01) [TSOP48]   | (1266) (*1)        |
| Hynix | HY27US08281A    | (ALT-02) [TSOP48]   | (1266) (*1)        |
| Hynix | HY27US08281A    | [USOP48]            | (2829)             |
| Hynix | HY27US08561A    | [FBGA63]            | (2690) (*1)        |
| Hynix | HY27US08561A    | [FBGA63] (ASKEY-01) | (2690) (*1)        |
| Hynix | HY27US08561A    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US08561A    | (ASKEY-03) [TSOP48] | (1266) (*1)        |
| Hynix | HY27US08561A    | [USOP48]            | (2829)             |
| Hynix | HY27US08561M    | [FBGA63]            | (2690) (*1)        |
| Hynix | HY27US08561M    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US08561M    | [WSOP48]            | (2829)             |
| Hynix | HY27US16121A    | [FBGA63]            | (2690) (*1)        |
| Hynix | HY27US16121A    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US16121A    | [USOP48]            | (2829)             |
| Hynix | HY27US16121B    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US16121M    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US16122B    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US161G1M    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27US16561M    | [FBGA63]            | (2690) (*1)        |
| Hynix | HY27US16561M    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27UT084G2A    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27UT084G2A    | (AML-01) [TSOP48]   | (1266) (*1)        |
| Hynix | HY27UT084G2A    | (FOX-02) [TSOP48]   | (1266) (*1)        |
| Hynix | HY27UT084G2A    | (QIS-01) [TSOP48]   | (1266) (9999) (*1) |
| Hynix | HY27UT084G2M    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27UT084G2M    | (QIS-01) [TSOP48]   | (1266) (9999) (*1) |
| Hynix | HY27UT088G2A    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27UT088G2A    | (AML-01) [TSOP48]   | (1266) (*1)        |
| Hynix | HY27UT088G2A    | (QIS-01) [TSOP48]   | (1266) (9999) (*1) |
| Hynix | HY27UT088G2M    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27U0088G5M    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27U008AG5A    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27U008AG5M    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27U008AG5M    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27U008BGF8    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27U008BGF8    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY27U008BGF8    | [TSOP48]            | (1266) (*1)        |
| Hynix | HY29DL162B      | [TSOP48]            | (1346)             |
| Hynix | HY29DL162BF     | [FBGA48]            | (983)              |
| Hynix | HY29DL162T      | [TSOP48]            | (1346)             |
| Hynix | HY29DL162TF     | [FBGA48]            | (983)              |
| Hynix | HY29DL163B      | [TSOP48]            | (1346)             |
| Hynix | HY29DL163BF     | [FBGA48]            | (983)              |
| Hynix | HY29DL163T      | [TSOP48]            | (1346)             |
| Hynix | HY29DL163TF     | [FBGA48]            | (983)              |
| Hynix | HY29F002T       |                     |                    |
| Hynix | HY29F002T       | [PLCC32]            | (1399)             |
| Hynix | HY29F002T       | [TSOP32]            | (1414)             |
| Hynix | HY29F040A       | [PLCC32]            | (1384)             |
| Hynix | HY29F040A       | [R-TSOP32]          | (1383)             |
| Hynix | HY29F040A       | [TSOP32]            | (1381)             |
| Hynix | HY29F080G       | [PSOP44]            | (1357)             |
| Hynix | HY29F080R       | [R-TSOP40]          | (1374)             |
| Hynix | HY29F080T       | [TSOP40]            | (1369)             |
| Hynix | HY29F400ABG     | [PSOP44]            | (1356)             |
| Hynix | HY29F400ABR     | [R-TSOP48]          | (1352)             |
| Hynix | HY29F400ABT     | [TSOP48]            | (1346)             |
| Hynix | HY29F400ATG     | [PSOP44]            | (1356)             |
| Hynix | HY29F400ATR     | [R-TSOP48]          | (1352)             |
| Hynix | HY29F400ATT     | [TSOP48]            | (1346)             |
| Hynix | HY29F400BG      | [PSOP44]            | (1356)             |
| Hynix | HY29F400BR      | [R-TSOP48]          | (1352)             |
| Hynix | HY29F400BT      | [TSOP48]            | (1346)             |
| Hynix | HY29F400TG      | [PSOP44]            | (1356)             |
| Hynix | HY29F400TR      | [R-TSOP48]          | (1352)             |
| Hynix | HY29F400TT      | [TSOP48]            | (1346)             |
| Hynix | HY29F800ABG     | [PSOP44]            | (1356)             |
| Hynix | HY29F800ABR     | [R-TSOP48]          | (1352)             |
| Hynix | HY29F800ABT     | [TSOP48]            | (1346)             |
| Hynix | HY29F800ATG     | [PSOP44]            | (1356)             |
| Hynix | HY29F800ATR     | [R-TSOP48]          | (1352)             |
| Hynix | HY29F800ATT     | [TSOP48]            | (1346)             |
| Hynix | HY29F800BG      | [PSOP44]            | (1356)             |
| Hynix | HY29F800BR      | [R-TSOP48]          | (1352)             |
| Hynix | HY29F800BT      | [TSOP48]            | (1346)             |
| Hynix | HY29F800TG      | [PSOP44]            | (1356)             |
| Hynix | HY29F800TR      | [R-TSOP48]          | (1352)             |
| Hynix | HY29F800TT      | [TSOP48]            | (1346)             |
| Hynix | HY29LV160BF     | [FBGA48]            | (983)              |
| Hynix | HY29LV160BT     | [TSOP48]            | (1346)             |
| Hynix | HY29LV160TF     | [FBGA48]            | (983)              |
| Hynix | HY29LV160TT     | [TSOP48]            | (1346)             |
| Hynix | HY29LV320BT     | [TSOP48]            | (1346)             |
| Hynix | HY29LV320TT     | [TSOP48]            | (1346)             |
| Hynix | HY29LV400BF     | [FBGA48]            | (859)              |
| Hynix | HY29LV400BT     | [TSOP48]            | (1346)             |
| Hynix | HY29LV400TF     | [FBGA48]            | (859)              |
| Hynix | HY29LV400TT     | [TSOP48]            | (1346)             |
| Hynix | HY29LV800BF     | [FBGA48]            | (859)              |
| Hynix | HY29LV800BG     | [PSOP44]            | (1356)             |
| Hynix | HY29LV800BT     | [TSOP48]            | (1346)             |
| Hynix | HY29LV800TF     | [FBGA48]            | (859)              |
| Hynix | HY29LV800TG     | [PSOP44]            | (1356)             |
| Hynix | HY29LV800TT     | [TSOP48]            | (1346)             |
| Hynix | HY93C46         |                     |                    |
| Hynix | HY93C46 (ISP)   |                     | (138)              |
| Hynix | HY93C46 [SOIC8] |                     | (950)              |
| Hynix | HYC0SEF0MF3     | [FBGA137]           | (1287)             |
| Hynix | HYC0SEF0MF3     | [FBGA137] (ZTE-01)  | (1287)             |
| Hynix | HYC0SEG0MF1     | [FBGA149]           | (1124)             |
| Hynix | HYC0SEH0AF3     | [FBGA137]           | (3047) (*1)        |
| Hynix | HYC0SEH0AF3     | (IAC-01) [FBGA137]  | (3047) (*1)        |
| Hynix | HYC0SEH0MF3     | [FBGA137]           | (3047) (*1)        |
| Hynix | HYC0UEE0MF2     | [FBGA107]           | (687)              |



|         |             |           |             |
|---------|-------------|-----------|-------------|
| Hynix   | HYC0UEF0MF3 | [FBGA137] | (3047) (*1) |
| Hynix   | HYD0SEE0MF2 | [FBGA107] | (687)       |
| Hynix   | HYD0SFG0MF1 | [FBGA149] | (1124)      |
| Hynix   | HYD0SQG0MF1 | [FBGA149] | (1124)      |
| Hynix   | HYG0SGH0MF3 | [FBGA137] | (3047) (*1) |
| Hynix   | HYG0UEG0AF1 | [FBGA149] | (1124)      |
| Hynix   | HYG0UEG0BF1 | [FBGA149] | (1124)      |
| Hynix   | HYG0UGG0MF2 | [FBGA107] | (687)       |
| Hynix   | HYI0SIJ0MF3 | [FBGA137] | (3047) (*1) |
| Hynix   | HYI0UIJ0MF3 | [FBGA137] | (3047) (*1) |
| Hynix   | HYJ0SHG0MF1 | [FBGA149] | (1124)      |
| Hyundai | GMS34004TK  |           |             |
| Hyundai | GMS34004TM  |           |             |
| Hyundai | GMS34112TK  |           |             |
| Hyundai | GMS34112TK  | [SOP20]   | (119)       |
| Hyundai | GMS34112TK  | [SSOP20]  | (1089)      |
| Hyundai | GMS34112TM  |           |             |
| Hyundai | GMS34112TM  | [SOP20]   | (119)       |
| Hyundai | GMS34112TM  | [SSOP20]  | (1089)      |
| Hyundai | GMS34140TK  |           |             |
| Hyundai | GMS34140TK  | [SOP24]   | (1062)      |
| Hyundai | GMS34140TM  |           |             |
| Hyundai | GMS34140TM  | [SOP24]   | (1062)      |
| Hyundai | GMS77C1000  |           |             |
| Hyundai | GMS77C1000  | [SOIC18]  | (1061)      |
| Hyundai | GMS77C1000  | [SSOP20]  | (91)        |
| Hyundai | GMS77C1001  |           |             |
| Hyundai | GMS77C1001  | [SOIC18]  | (1061)      |
| Hyundai | GMS77C1001  | [SSOP20]  | (91)        |
| Hyundai | GMS81516BT  | [LQFP64]  | (921)       |
| Hyundai | GMS81516BT  | [MQFP64]  | (920)       |
| Hyundai | GMS81516BT  | [SDIP64]  | (919)       |
| Hyundai | GMS81524BT  | [LQFP64]  | (921)       |
| Hyundai | GMS81524BT  | [MQFP64]  | (920)       |
| Hyundai | GMS81524BT  | [SDIP64]  | (919)       |
| Hyundai | GMS82524T   | [MQFP44]  | (108)       |
| Hyundai | GMS82524T   | [SDIP42]  | (164)       |
| Hyundai | GMS87C1102  |           |             |
| Hyundai | GMS87C1102  | [SOIC16]  | (1060)      |
| Hyundai | GMS87C1202  |           |             |
| Hyundai | GMS87C1202  | [SOIC20]  | (119)       |
| Hyundai | GMS87C1404  |           |             |
| Hyundai | GMS87C1404  | [SOIC28]  | (51)        |
| Hyundai | GMS87C1408  |           |             |
| Hyundai | GMS87C1408  | [SOIC28]  | (51)        |
| Hyundai | GMS97C1051  |           |             |
| Hyundai | GMS97C1051  | [SOP20]   | (119)       |
| Hyundai | GMS97C2051  |           |             |
| Hyundai | GMS97C2051  | [SOP20]   | (119)       |
| Hyundai | GMS97C51    |           |             |
| Hyundai | GMS97C51    | [MQFP44]  | (108)       |
| Hyundai | GMS97C51    | [PLCC44]  | (67)        |
| Hyundai | GMS97C52    |           |             |
| Hyundai | GMS97C52    | [MQFP44]  | (108)       |
| Hyundai | GMS97C52    | [PLCC44]  | (67)        |
| Hyundai | GMS97C54    |           |             |
| Hyundai | GMS97C54    | [MQFP44]  | (108)       |
| Hyundai | GMS97C54    | [PLCC44]  | (67)        |
| Hyundai | GMS97C56    |           |             |
| Hyundai | GMS97C56    | [MQFP44]  | (108)       |
| Hyundai | GMS97C56    | [PLCC44]  | (67)        |
| Hyundai | GMS97C58    |           |             |
| Hyundai | GMS97C58    | [MQFP44]  | (108)       |
| Hyundai | GMS97C58    | [PLCC44]  | (67)        |
| Hyundai | GMS97L1051  |           |             |
| Hyundai | GMS97L1051  | [SOP20]   | (119)       |
| Hyundai | GMS97L2051  |           |             |
| Hyundai | GMS97L2051  | [SOP20]   | (119)       |
| Hyundai | GMS97L51    |           |             |
| Hyundai | GMS97L51    | [MQFP44]  | (108)       |
| Hyundai | GMS97L51    | [PLCC44]  | (67)        |
| Hyundai | GMS97L52    |           |             |
| Hyundai | GMS97L52    | [MQFP44]  | (108)       |
| Hyundai | GMS97L52    | [PLCC44]  | (67)        |
| Hyundai | GMS97L54    |           |             |
| Hyundai | GMS97L54    | [MQFP44]  | (108)       |
| Hyundai | GMS97L54    | [PLCC44]  | (67)        |
| Hyundai | GMS97L56    |           |             |
| Hyundai | GMS97L56    | [MQFP44]  | (108)       |
| Hyundai | GMS97L56    | [PLCC44]  | (67)        |
| Hyundai | GMS97L58    |           |             |
| Hyundai | GMS97L58    | [MQFP44]  | (108)       |
| Hyundai | GMS97L58    | [PLCC44]  | (67)        |
| Hyundai | GMS99C58    |           |             |
| Hyundai | GMS99C58    | [MQFP44]  | (108)       |
| Hyundai | GMS99C58    | [PLCC44]  | (67)        |
| Hyundai | HMS81020ET  | [PDIP20]  |             |
| Hyundai | HMS81020ET  | [SKDIP24] |             |
| Hyundai | HMS81020ET  | [SKDIP28] |             |
| Hyundai | HMS81020ET  | [SOIC20]  | (119)       |
| Hyundai | HMS81020ET  | [SOIC24]  | (1062)      |
| Hyundai | HMS81020ET  | [SOIC28]  | (51)        |
| Hyundai | HMS81020TL  | [PDIP20]  |             |
| Hyundai | HMS81020TL  | [SKDIP24] |             |
| Hyundai | HMS81020TL  | [SKDIP28] |             |
| Hyundai | HMS81020TL  | [SOIC20]  | (119)       |
| Hyundai | HMS81020TL  | [SOIC24]  | (1062)      |
| Hyundai | HMS81020TL  | [SOIC28]  | (51)        |
| Hyundai | HMS81032ET  | [PDIP20]  |             |
| Hyundai | HMS81032ET  | [SKDIP24] |             |
| Hyundai | HMS81032ET  | [SKDIP28] |             |
| Hyundai | HMS81032ET  | [SOIC20]  | (119)       |
| Hyundai | HMS81032ET  | [SOIC24]  | (1062)      |
| Hyundai | HMS81032ET  | [SOIC28]  | (51)        |
| Hyundai | HMS81032TL  | [PDIP20]  |             |
| Hyundai | HMS81032TL  | [SKDIP24] |             |
| Hyundai | HMS81032TL  | [SKDIP28] |             |
| Hyundai | HMS81032TL  | [SOIC20]  | (119)       |
| Hyundai | HMS81032TL  | [SOIC24]  | (1062)      |
| Hyundai | HMS81032TL  | [SOIC28]  | (51)        |
| Hyundai | HMS87C1102A |           |             |
| Hyundai | HMS87C1102A | [SOIC16]  | (1060)      |
| Hyundai | HMS87C1104A |           |             |
| Hyundai | HMS87C1104A | [SOIC16]  | (1060)      |
| Hyundai | HMS87C1202A |           |             |
| Hyundai | HMS87C1202A | [SOIC20]  | (119)       |
| Hyundai | HMS87C1204A |           |             |
| Hyundai | HMS87C1204A | [SOIC20]  | (119)       |
| Hyundai | HMS87C1302A |           |             |
| Hyundai | HMS87C1302A | [SOIC24]  | (1062)      |
| Hyundai | HMS87C1304A |           |             |
| Hyundai | HMS87C1304A | [SOIC24]  | (1062)      |
| Hyundai | HMS87C1404B |           |             |
| Hyundai | HMS87C1404B | [SOIC28]  | (51)        |
| Hyundai | HMS87C1408B |           |             |
| Hyundai | HMS87C1408B | [SOIC28]  | (51)        |
| Hyundai | HMS87C1416B |           |             |
| Hyundai | HMS87C1416B | [SOIC28]  | (51)        |

|                 |                        |        |
|-----------------|------------------------|--------|
| Hyundai         | HMS87C1508B            |        |
| Hyundai         | HMS87C1516B            |        |
| Hyundai         | HMS87C1608B            |        |
| Hyundai         | HMS87C1616B            |        |
| Hyundai         | HMS87C1708B [SDIP42]   | (164)  |
| Hyundai         | HMS87C1716B [SDIP42]   | (164)  |
| Hyundai         | HMS87C1808B [MQFP44]   | (108)  |
| Hyundai         | HMS87C1816B [MQFP44]   | (108)  |
| Hyundai         | HY2764                 |        |
| Hyundai         | HY27C64A               |        |
| Hyundai         | HY29DL162B [TSOP48]    | (1346) |
| Hyundai         | HY29DL162BF [FBGA48]   | (983)  |
| Hyundai         | HY29DL162T [TSOP48]    | (1346) |
| Hyundai         | HY29DL162TF [FBGA48]   | (983)  |
| Hyundai         | HY29DL163B [TSOP48]    | (1346) |
| Hyundai         | HY29DL163BF [FBGA48]   | (983)  |
| Hyundai         | HY29DL163T [TSOP48]    | (1346) |
| Hyundai         | HY29DL163TF [FBGA48]   | (983)  |
| Hyundai         | HY29F002B              |        |
| Hyundai         | HY29F002B [PLCC32]     | (1399) |
| Hyundai         | HY29F002B [TSOP32]     | (1414) |
| Hyundai         | HY29F002T              |        |
| Hyundai         | HY29F002T [PLCC32]     | (1399) |
| Hyundai         | HY29F002T [TSOP32]     | (1414) |
| Hyundai         | HY29F040               |        |
| Hyundai         | HY29F040 [R-TSOP32]    | (1383) |
| Hyundai         | HY29F040 [TSOP32]      | (1381) |
| Hyundai         | HY29F040A [PLCC32]     | (1384) |
| Hyundai         | HY29F040A [R-TSOP32]   | (1383) |
| Hyundai         | HY29F040A [TSOP32]     | (1381) |
| Hyundai         | HY29F080G [PSOP44]     | (1357) |
| Hyundai         | HY29F080R [R-TSOP40]   | (1374) |
| Hyundai         | HY29F080T [TSOP40]     | (1369) |
| Hyundai         | HY29F400ABG [PSOP44]   | (1356) |
| Hyundai         | HY29F400ABR [R-TSOP48] | (1352) |
| Hyundai         | HY29F400ABT [TSOP48]   | (1346) |
| Hyundai         | HY29F400ATG [PSOP44]   | (1356) |
| Hyundai         | HY29F400ATR [R-TSOP48] | (1352) |
| Hyundai         | HY29F400ATT [TSOP48]   | (1346) |
| Hyundai         | HY29F400BG [PSOP44]    | (1356) |
| Hyundai         | HY29F400BR [R-TSOP48]  | (1352) |
| Hyundai         | HY29F400BT [TSOP48]    | (1346) |
| Hyundai         | HY29F400TG [PSOP44]    | (1356) |
| Hyundai         | HY29F400TR [R-TSOP48]  | (1352) |
| Hyundai         | HY29F400TT [TSOP48]    | (1346) |
| Hyundai         | HY29F800BG [PSOP44]    | (1356) |
| Hyundai         | HY29F800BR [R-TSOP48]  | (1352) |
| Hyundai         | HY29F800BT [TSOP48]    | (1346) |
| Hyundai         | HY29F800TG [PSOP44]    | (1356) |
| Hyundai         | HY29F800TR [R-TSOP48]  | (1352) |
| Hyundai         | HY29F800TT [TSOP48]    | (1346) |
| Hyundai         | HY29LV160BF [FBGA48]   | (983)  |
| Hyundai         | HY29LV160BT [TSOP48]   | (1346) |
| Hyundai         | HY29LV160TF [FBGA48]   | (983)  |
| Hyundai         | HY29LV160TT [TSOP48]   | (1346) |
| Hyundai         | HY93C46                |        |
| Hyundai         | HY93C46 (ISP)          | (138)  |
| Hyundai         | HY93C46 [SOIC8]        | (950)  |
| IC Microsystems | X24001                 |        |
| IC Microsystems | X24001 [MSOP8]         | (605)  |
| IC Microsystems | X24001 [SOIC8]         | (950)  |
| IC Microsystems | X24012                 |        |
| IC Microsystems | X24012 (ISP)           | (138)  |
| IC Microsystems | X24012 [SOIC8]         | (950)  |
| IC Microsystems | X24022                 |        |
| IC Microsystems | X24022 (ISP)           | (138)  |
| IC Microsystems | X24022 [SOIC8]         | (950)  |
| IC Microsystems | X24042                 |        |
| IC Microsystems | X24042 (ISP)           | (138)  |
| IC Microsystems | X24042 [SOIC8]         | (950)  |
| IC Microsystems | X24164                 |        |
| IC Microsystems | X24164 (ISP)           | (138)  |
| IC Microsystems | X24164 [SOIC8]         | (950)  |
| IC Microsystems | X24165                 |        |
| IC Microsystems | X24165 (ISP)           | (138)  |
| IC Microsystems | X24165 [SOIC8]         | (950)  |
| IC Microsystems | X24165 [TSSOP14]       | (1087) |
| IC Microsystems | X24320                 |        |
| IC Microsystems | X24320 [SOIC8]         | (950)  |
| IC Microsystems | X24320 [TSSOP14]       | (1087) |
| IC Microsystems | X24320-1.8             |        |
| IC Microsystems | X24320-1.8 [SOIC8]     | (950)  |
| IC Microsystems | X24320-1.8 [TSSOP14]   | (1087) |
| IC Microsystems | X24640                 |        |
| IC Microsystems | X24640 [SOIC8]         | (950)  |
| IC Microsystems | X24640 [TSSOP20]       | (1089) |
| IC Microsystems | X24640-1.8             |        |
| IC Microsystems | X24640-1.8 [SOIC8]     | (950)  |
| IC Microsystems | X24640-1.8 [TSSOP20]   | (1089) |
| IC Microsystems | X24641 (ISP)           | (138)  |
| IC Microsystems | X24641 [SOIC8]         | (950)  |
| IC Microsystems | X24641-1.8 (ISP)       | (138)  |
| IC Microsystems | X24641-1.8 [SOIC8]     | (950)  |
| IC Microsystems | X24645                 |        |
| IC Microsystems | X24645 (ISP)           | (138)  |
| IC Microsystems | X24645 [SOIC14]        | (951)  |
| IC Microsystems | X24645 [SOIC8]         | (950)  |
| IC Microsystems | X24645 [TSSOP20]       | (1089) |
| IC Microsystems | X24C00                 |        |
| IC Microsystems | X24C00 (ISP)           | (138)  |
| IC Microsystems | X24C00 [MSOP8]         | (605)  |
| IC Microsystems | X24C00 [SOIC8]         | (950)  |
| IC Microsystems | X24C01                 |        |
| IC Microsystems | X24C01 (ISP)           | (138)  |
| IC Microsystems | X24C01 [MSOP8]         | (605)  |
| IC Microsystems | X24C01 [SOIC8]         | (950)  |
| IC Microsystems | X24C01A                |        |
| IC Microsystems | X24C01A (ISP)          | (138)  |
| IC Microsystems | X24C01A [SOIC8]        | (950)  |
| IC Microsystems | X24C02                 |        |
| IC Microsystems | X24C02 (ISP)           | (138)  |
| IC Microsystems | X24C02 [MSOP8]         | (605)  |
| IC Microsystems | X24C02 [SOIC8]         | (950)  |
| IC Microsystems | X24C04                 |        |
| IC Microsystems | X24C04 (ISP)           | (138)  |
| IC Microsystems | X24C04 [SOIC14]        | (951)  |
| IC Microsystems | X24C04 [SOIC8]         | (950)  |
| IC Microsystems | X24C08                 |        |
| IC Microsystems | X24C08 (ISP)           | (138)  |
| IC Microsystems | X24C08 [SOIC14]        | (951)  |
| IC Microsystems | X24C08 [SOIC8]         | (950)  |
| IC Microsystems | X24C16                 |        |
| IC Microsystems | X24C16 (ISP)           | (138)  |
| IC Microsystems | X24C16 [SOIC14]        | (951)  |
| IC Microsystems | X24C16 [SOIC8]         | (950)  |
| IC Microsystems | X25020                 |        |
| IC Microsystems | X25020 (ISP)           | (138)  |
| IC Microsystems | X25020 [SOIC8]         | (950)  |

|                 |                           |             |
|-----------------|---------------------------|-------------|
| IC Microsystems | X25021                    |             |
| IC Microsystems | X25021 (ISP)              | (138)       |
| IC Microsystems | X25021 [SOIC8]            | (950)       |
| IC Microsystems | X25040                    |             |
| IC Microsystems | X25040 (ISP)              | (138)       |
| IC Microsystems | X25040 [SOIC8]            | (950)       |
| IC Microsystems | X25041                    |             |
| IC Microsystems | X25041 (ISP)              | (138)       |
| IC Microsystems | X25041 [SOIC8]            | (950)       |
| IC Microsystems | X25057                    |             |
| IC Microsystems | X25057 (ISP)              | (138)       |
| IC Microsystems | X25057 [MSOP8]            | (605)       |
| IC Microsystems | X25057 [SOIC8]            | (950)       |
| IC Microsystems | X25057 [TSSOP8]           | (121)       |
| IC Microsystems | X25057-1.8                |             |
| IC Microsystems | X25057-1.8 (ISP)          | (138)       |
| IC Microsystems | X25057-1.8 [MSOP8]        | (605)       |
| IC Microsystems | X25057-1.8 [SOIC8]        | (950)       |
| IC Microsystems | X25057-1.8 [TSSOP8]       | (121)       |
| IC Microsystems | X25080                    |             |
| IC Microsystems | X25080 (ISP)              | (138)       |
| IC Microsystems | X25080 [SOIC8]            | (950)       |
| IC Microsystems | X25080 [TSSOP14]          | (1087)      |
| IC Microsystems | X25097                    |             |
| IC Microsystems | X25097 (ISP)              | (138)       |
| IC Microsystems | X25097 [SOIC8]            | (950)       |
| IC Microsystems | X25097 [TSSOP8]           | (121)       |
| IC Microsystems | X25097-1.8                |             |
| IC Microsystems | X25097-1.8 (ISP)          | (138)       |
| IC Microsystems | X25097-1.8 [SOIC8]        | (950)       |
| IC Microsystems | X25097-1.8 [TSSOP8]       | (121)       |
| IC Microsystems | X25128                    |             |
| IC Microsystems | X25128 (ISP)              | (138)       |
| IC Microsystems | X25128 [SOIC14]           | (951)       |
| IC Microsystems | X25128 [SOIC16]           | (44)        |
| IC Microsystems | X25160                    |             |
| IC Microsystems | X25160 (ISP)              | (138)       |
| IC Microsystems | X25160 [SOIC8]            | (950)       |
| IC Microsystems | X25160 [TSSOP14]          | (1087)      |
| IC Microsystems | X25170                    |             |
| IC Microsystems | X25170 (ISP)              | (138)       |
| IC Microsystems | X25170 [SOIC8]            | (950)       |
| IC Microsystems | X25170 [TSSOP14]          | (1087)      |
| IC Microsystems | X25320                    |             |
| IC Microsystems | X25320 (ISP)              | (138)       |
| IC Microsystems | X25320 [SOIC8]            | (950)       |
| IC Microsystems | X25320 [TSSOP14]          | (1087)      |
| IC Microsystems | X25330                    |             |
| IC Microsystems | X25330 (ISP)              | (138)       |
| IC Microsystems | X25330 [SOIC8]            | (950)       |
| IC Microsystems | X25330 [TSSOP14]          | (1087)      |
| IC Microsystems | X25640                    |             |
| IC Microsystems | X25640 (ISP)              | (138)       |
| IC Microsystems | X25640 [SOIC14]           | (951)       |
| IC Microsystems | X25642                    |             |
| IC Microsystems | X25642 (ISP)              | (138)       |
| IC Microsystems | X25642 [SOIC14]           | (951)       |
| IC Microsystems | X25642 [SOIC8]            | (950)       |
| IC Microsystems | X25650 (ISP)              | (138)       |
| IC Microsystems | X25650 [SOIC8]            | (950)       |
| IC Microsystems | X25650 [TSSOP20]          | (1089)      |
| IC Microsystems | X25C02                    |             |
| IC Microsystems | X25C02 (ISP)              | (138)       |
| IC Microsystems | X25C02 [MSOP8]            | (605)       |
| IC Microsystems | X25C02 [SOIC8]            | (950)       |
| ICE             | ICE24C02 (ISP)            | (138)       |
| ICE             | ICE24C02 [SOP8]           | (950)       |
| ICE             | ICE25P05                  |             |
| ICE             | ICE25P05 (ISP)            | (138)       |
| ICE             | ICE25P05 [SOIC8]          | (3095) (*1) |
| ICE             | ICE27C010                 |             |
| ICE             | ICE27C010 [PLCC32]        | (59)        |
| ICE             | ICE27C010 [TSOP32]        | (655)       |
| ICE             | ICE27C512                 |             |
| ICE             | ICE27C512 [PLCC32]        | (59)        |
| ICE             | ICE27C512 [TSOP28]        | (54)        |
| ICE             | ICE27LC010                |             |
| ICE             | ICE27LC010 [PLCC32]       | (59)        |
| ICE             | ICE27LC010 [TSOP32]       | (655)       |
| ICE             | ICE27LC512                |             |
| ICE             | ICE27LC512 [PLCC32]       | (59)        |
| ICE             | ICE27LC512 [TSOP28]       | (54)        |
| ICE             | ICE28LF010                |             |
| ICE             | ICE28LF010 [PLCC32]       | (1399)      |
| ICE             | ICE28LF010 [TSOP32 8x14]  | (56)        |
| ICE             | ICE28LF010 [TSOP32 8x20]  | (655)       |
| ICE             | ICE29LF512                |             |
| ICE             | ICE29LF512 [PLCC32]       | (1399)      |
| ICE             | ICE37C512                 |             |
| ICE             | ICE37C512 [PLCC32]        | (59)        |
| ICE             | ICE37C512 [TSOP32]        | (56)        |
| ICE             | ICE37C512 [TSOP32-18mm]   | (655)       |
| ICE             | ICE37LC512                |             |
| ICE             | ICE37LC512 [PLCC32]       | (59)        |
| ICE             | ICE37LC512 [TSOP32]       | (56)        |
| ICE             | ICE37LC512 [TSOP32-18mm]  | (655)       |
| ICSI            | IS89C51A                  |             |
| ICSI            | IS89C51A [PLCC44]         | (67)        |
| ICSI            | IS89C51A [PQFP44]         | (108)       |
| ICSI            | IS89C52A                  |             |
| ICSI            | IS89C52A [PLCC44]         | (67)        |
| ICSI            | IS89C52A [PQFP44]         | (108)       |
| ICSI            | IS89C54 ver. A            |             |
| ICSI            | IS89C54 ver. A [PLCC44]   | (67)        |
| ICSI            | IS89C54 ver. A [PQFP44]   | (108)       |
| ICSI            | IS89C54 ver. B->          |             |
| ICSI            | IS89C54 ver. B-> [PLCC44] | (67)        |
| ICSI            | IS89C54 ver. B-> [PQFP44] | (108)       |
| ICSI            | IS89C58 ver. A            |             |
| ICSI            | IS89C58 ver. A [PLCC44]   | (67)        |
| ICSI            | IS89C58 ver. A [PQFP44]   | (108)       |
| ICSI            | IS89C58 ver. B->          |             |
| ICSI            | IS89C58 ver. B-> [PLCC44] | (67)        |
| ICSI            | IS89C58 ver. B-> [PQFP44] | (108)       |
| ICSI            | IS89C64 ver. A            |             |
| ICSI            | IS89C64 ver. A [PLCC44]   | (67)        |
| ICSI            | IS89C64 ver. A [PQFP44]   | (108)       |
| ICSI            | IS89C64 ver. B->          |             |
| ICSI            | IS89C64 ver. B-> [PLCC44] | (67)        |
| ICSI            | IS89C64 ver. B-> [PQFP44] | (108)       |
| ICSI            | IS89E54 ver. A            |             |
| ICSI            | IS89E54 ver. A [PLCC44]   | (67)        |
| ICSI            | IS89E54 ver. A [PQFP44]   | (108)       |
| ICSI            | IS89E54 ver. B->          |             |
| ICSI            | IS89E54 ver. B-> [PLCC44] | (67)        |
| ICSI            | IS89E54 ver. B-> [PQFP44] | (108)       |
| ICSI            | IS89E58 ver. A            |             |
| ICSI            | IS89E58 ver. A [PLCC44]   | (67)        |

|      |                             |        |
|------|-----------------------------|--------|
| ICSI | IS89E58 ver. A [PQFP44]     | (108)  |
| ICSI | IS89E58 ver. B->            |        |
| ICSI | IS89E58 ver. B-> [PLCC44]   | (67)   |
| ICSI | IS89E58 ver. B-> [PQFP44]   | (108)  |
| ICSI | IS89E64 ver. A              |        |
| ICSI | IS89E64 ver. A [PLCC44]     | (67)   |
| ICSI | IS89E64 ver. A [PQFP44]     | (108)  |
| ICSI | IS89E64 ver. B->            |        |
| ICSI | IS89E64 ver. B-> [PLCC44]   | (67)   |
| ICSI | IS89E64 ver. B-> [PQFP44]   | (108)  |
| ICSI | IS89LV51A                   |        |
| ICSI | IS89LV51A [PLCC44]          | (67)   |
| ICSI | IS89LV51A [PQFP44]          | (108)  |
| ICSI | IS89LV52A                   |        |
| ICSI | IS89LV52A [PLCC44]          | (67)   |
| ICSI | IS89LV52A [PQFP44]          | (108)  |
| ICSI | IS93C46-3 (x16)             |        |
| ICSI | IS93C46-3 (x16) (ISP)       | (138)  |
| ICSI | IS93C46-3G (x16) [SOIC8]    | (950)  |
| ICSI | IS93C46-3GR (x16) [SOIC8]   | (950)  |
| ICT  | 27CX010                     |        |
| ICT  | 27CX256                     |        |
| ICT  | 27CX256 [PLCC32]            | (59)   |
| ICT  | 27CX641                     |        |
| ICT  | 27CX642                     |        |
| ICT  | 93C46                       |        |
| ICT  | 93C46 (ISP)                 | (138)  |
| ICT  | 93C46 [SOIC8]               | (950)  |
| ICT  | 93C46A                      |        |
| ICT  | 93C46A (ISP)                | (138)  |
| ICT  | 93C46AK [SOIC8]             | (950)  |
| ICT  | 93C46AS [SOIC8]             | (950)  |
| ICT  | 93CX56                      |        |
| ICT  | 93CX56 (ISP)                | (138)  |
| ICT  | 93CX56 [SOIC8]              | (950)  |
| ICT  | 93CX66                      |        |
| ICT  | 93CX66 (ISP)                | (138)  |
| ICT  | 93CX66 [SOIC8]              | (950)  |
| ICT  | PA7540J [PLCC28]            | (48)   |
| ICT  | PA7540JN [PLCC28]           | (48)   |
| ICT  | PA7540P                     |        |
| ICT  | PA7540S [SOIC24]            | (1062) |
| ICT  | PEEL16CV8                   |        |
| ICT  | PEEL16CV8 [PLCC20]          | (47)   |
| ICT  | PEEL16CV8 [SOIC20]          | (119)  |
| ICT  | PEEL16CV8 [TSSOP20]         | (1089) |
| ICT  | PEEL18CV8                   |        |
| ICT  | PEEL18CV8 [PLCC20]          | (47)   |
| ICT  | PEEL18CV8 [SOIC20]          | (119)  |
| ICT  | PEEL18CV8 [TSSOP20]         | (1089) |
| ICT  | PEEL18CV8Z                  |        |
| ICT  | PEEL18CV8Z [PLCC20]         | (47)   |
| ICT  | PEEL18CV8Z [SOIC20]         | (119)  |
| ICT  | PEEL18CV8Z [TSSOP20]        | (1089) |
| ICT  | PEEL18LV8Z                  |        |
| ICT  | PEEL18LV8Z [PLCC20]         | (47)   |
| ICT  | PEEL18LV8Z [SOIC20]         | (119)  |
| ICT  | PEEL18LV8Z [TSSOP20]        | (1089) |
| ICT  | PEEL22CV10                  |        |
| ICT  | PEEL22CV10 [PLCC28]         | (48)   |
| ICT  | PEEL22CV10 [SOIC24]         | (1062) |
| ICT  | PEEL22CV10 [TSSOP24]        | (1090) |
| ICT  | PEEL22CV10A                 |        |
| ICT  | PEEL22CV10A [PLCC28]        | (48)   |
| ICT  | PEEL22CV10A [SOIC24]        | (1062) |
| ICT  | PEEL22CV10A [TSSOP24]       | (1090) |
| ICT  | PEEL22CV10A+                |        |
| ICT  | PEEL22CV10A+ [PLCC28]       | (48)   |
| ICT  | PEEL22CV10A+ [SOIC24]       | (1062) |
| ICT  | PEEL22CV10A+ [TSSOP24]      | (1090) |
| ICT  | PEEL22CV10A++               |        |
| ICT  | PEEL22CV10A++ [PLCC28]      | (48)   |
| ICT  | PEEL22CV10A++ [SOIC24]      | (1062) |
| ICT  | PEEL22CV10A++ [TSSOP24]     | (1090) |
| ICT  | PEEL22CV10AZ                |        |
| ICT  | PEEL22CV10AZ [PLCC28]       | (48)   |
| ICT  | PEEL22CV10AZ [SOIC24]       | (1062) |
| ICT  | PEEL22CV10AZ [TSSOP24]      | (1090) |
| ICT  | PEEL22CV10AZ+               |        |
| ICT  | PEEL22CV10AZ+ [PLCC28]      | (48)   |
| ICT  | PEEL22CV10AZ+ [SOIC24]      | (1062) |
| ICT  | PEEL22CV10AZ+ [TSSOP24]     | (1090) |
| ICT  | PEEL22CV10AZ++              |        |
| ICT  | PEEL22CV10AZ++ [PLCC28]     | (48)   |
| ICT  | PEEL22CV10AZ++ [SOIC24]     | (1062) |
| ICT  | PEEL22CV10AZ++ [TSSOP24]    | (1090) |
| ICT  | PEEL22CV10Z                 |        |
| ICT  | PEEL22CV10Z [PLCC28]        | (48)   |
| ICT  | PEEL22CV10Z [SOIC24]        | (1062) |
| ICT  | PEEL22CV10Z [TSSOP24]       | (1090) |
| ICT  | PEEL22LV10AZ                |        |
| ICT  | PEEL22LV10AZ [PLCC28]       | (48)   |
| ICT  | PEEL22LV10AZ [SOIC24]       | (1062) |
| ICT  | PEEL22LV10AZ [TSSOP24]      | (1090) |
| ICT  | PEEL22LV10AZ+               |        |
| ICT  | PEEL22LV10AZ+ [PLCC28]      | (48)   |
| ICT  | PEEL22LV10AZ+ [SOIC24]      | (1062) |
| ICT  | PEEL22LV10AZ+ [TSSOP24]     | (1090) |
| ICT  | PEEL22LV10AZ++              |        |
| ICT  | PEEL22LV10AZ++ [PLCC28]     | (48)   |
| ICT  | PEEL22LV10AZ++ [SOIC24]     | (1062) |
| ICT  | PEEL22LV10AZ++ [TSSOP24]    | (1090) |
| IDT  | ICS251 [SOIC8]              | (2297) |
| IDT  | ICS252 [SOIC8]              | (2297) |
| IDT  | ICS270 [TSSOP20]            | (2273) |
| IDT  | ICS271 [TSSOP20]            | (2273) |
| IDT  | ICS275 [TSSOP16]            | (1469) |
| IDT  | ICS276 [TSSOP16]            | (1469) |
| IDT  | ICS280 (new rev.) [TSSOP16] | (1469) |
| IDT  | ICS280 (old rev.) [TSSOP16] | (1469) |
| IDT  | ICS281 [TSSOP16]            | (1469) |
| IDT  | ICS290 [TSSOP20]            | (2273) |
| IDT  | ICS291 [TSSOP20]            | (2273) |
| IDT  | ICS345 [TSSOP20]            | (2274) |
| IDT  | ICS348 [TSSOP20]            | (2274) |
| IDT  | IDT5V19EE403 [VFQFPN24]     | (731)  |
| IDT  | IDT5V19EE404 [VFQFPN24]     | (731)  |
| IDT  | IDT5V19EE603 [VFQFPN28]     | (1550) |
| IDT  | IDT5V19EE604 [VFQFPN28]     | (1550) |
| IDT  | IDT5V19EE901 [TSSOP28]      | (172)  |
| IDT  | IDT5V19EE901 [VFQFPN32]     | (1294) |
| IDT  | IDT5V19EE902 [VFQFPN32]     | (1294) |
| IDT  | IDT5V19EE903 [TSSOP28]      | (172)  |
| IDT  | IDT5V19EE903 [VFQFPN32]     | (1294) |
| IDT  | IDT5V19EE904 [VFQFPN32]     | (1294) |
| IDT  | IDT5V49EE501 [VFQFPN24]     | (731)  |
| IDT  | IDT5V49EE502 [VFQFPN24]     | (731)  |
| IDT  | IDT5V49EE503 [VFQFPN24]     | (731)  |

|                  |                |                         |               |
|------------------|----------------|-------------------------|---------------|
| IDT              | IDT5V49EE504   | [VFQFPN24]              | (731)         |
| IDT              | IDT5V49EE701   | [VFQFPN28]              | (1550)        |
| IDT              | IDT5V49EE702   | [VFQFPN28]              | (1550)        |
| IDT              | IDT5V49EE703   | [VFQFPN28]              | (1550)        |
| IDT              | IDT5V49EE704   | [VFQFPN28]              | (1550)        |
| IDT              | IDT5V49EE901   | [TSSOP28]               | (172)         |
| IDT              | IDT5V49EE901   | [VFQFPN32]              | (1294)        |
| IDT              | IDT5V49EE902   | [VFQFPN32]              | (1294)        |
| IDT              | IDT5V49EE903   | [TSSOP28]               | (172)         |
| IDT              | IDT5V49EE903   | [VFQFPN32]              | (1294)        |
| IDT              | IDT5V49EE904   | [VFQFPN32]              | (1294)        |
| IDT              | IDT5V9885      | (ISP)                   | (138)         |
| IDT              | IDT5V9885      | [TQFP32]                | (159)         |
| IDT              | IDT5V9885      | [VFQFPN28]              | (635)         |
| IDT              | IDT5V9885B     | (ISP)                   | (138)         |
| IDT              | IDT5V9885B     | [TQFP32]                | (159)         |
| IDT              | IDT5V9885B     | [VFQFPN28]              | (635)         |
| IDT              | IDT5V9885C     | (ISP)                   | (138)         |
| IDT              | IDT5V9885C     | [TQFP32]                | (159)         |
| IDT              | IDT5V9885C     | [VFQFPN28]              | (635)         |
| IDT              | IDT5V9888      | [TQFP32]                | (159)         |
| IDT              | IDT5V9888      | [VFQFPN28]              | (635)         |
| IDT              | IDT5V9888C     | [TQFP32]                | (159)         |
| IDT              | IDT5V9888C     | [VFQFPN28]              | (635)         |
| IDT              | IDT78C16A      |                         |               |
| IDT              | IDT78C18A      |                         |               |
| IDT              | IDT78M64       |                         |               |
| IDT              | TSE2002B3C     | (ISP)                   | (138)         |
| IDT              | TSE2002B3C     | [DFN8]                  | (2995)        |
| IDT              | TSE2002B3C     | [TDFN8]                 | (2995)        |
| IDT              | TSE2002GB2A1   | (ISP)                   | (138)         |
| IDT              | TSE2002GB2A1   | [DFN8]                  | (2995)        |
| IDT              | TSE2002GB2A1   | [TDFN8]                 | (2995)        |
| IDT              | TSE2004GB2B0   | (ISP)                   | (138)         |
| IDT              | TSE2004GB2B0   | [TDFN8-2x3]             | (2995)        |
| IK Semiconductor | IN24LC02B      |                         |               |
| IK Semiconductor | IN24LC02B      | (ISP)                   | (138)         |
| IK Semiconductor | IN24LC02B      | [SOIC8]                 | (950)         |
| IK Semiconductor | IN24LC04B      |                         |               |
| IK Semiconductor | IN24LC04B      | (ISP)                   | (138)         |
| IK Semiconductor | IN24LC04B      | [SOIC8]                 | (950)         |
| IK Semiconductor | IN24LC08B      |                         |               |
| IK Semiconductor | IN24LC08B      | (ISP)                   | (138)         |
| IK Semiconductor | IN24LC08B      | [SOIC8]                 | (950)         |
| IK Semiconductor | IN24LC16B      |                         |               |
| IK Semiconductor | IN24LC16B      | (ISP)                   | (138)         |
| IK Semiconductor | IN24LC16B      | [SOIC8]                 | (950)         |
| IK Semiconductor | INA2586        |                         |               |
| IK Semiconductor | INF8594E       |                         |               |
| Ilitek           | ILI2102s       | (ISP)                   | (138) (9999)  |
| Ilitek           | ILI2102s       | [QFN40]                 | (2563)        |
| Ilitek           | ILI2103s       | (ISP)                   | (138) (9999)  |
| Ilitek           | ILI2103s       | [QFN40]                 | (2563)        |
| Ilitek           | ILIM2i         | [QFN36]                 | (2412)        |
| Ilitek           | ILIM2i         | [QFN36]                 | (2412)        |
| iML              | AU0-G1422.2H   | [TQFN32]                | (1294)        |
| iML              | CS801-B-I      | [TQFN24]                | (731)         |
| iML              | iML1991        | [TQFN32]                | (1294)        |
| iML              | iML7921        | [TQFN32]                | (1294)        |
| iML              | iML7991        | [TQFN32]                | (1294)        |
| iML              | iML7993        | [TQFN28]                | (1245)        |
| iML              | iML7997        | [TQFN32]                | (1294)        |
| iML              | iML8941        | [QFN40]                 | (3135)        |
| IMS              | IM25F10A       | [SOP8-150]              | (3095) (*1)   |
| IMT              | IM29F001B      |                         |               |
| IMT              | IM29F001B      | [PLCC32]                | (1399)        |
| IMT              | IM29F001B      | [R-TSOP32]              | (1415)        |
| IMT              | IM29F001B      | [TSOP32]                | (1414)        |
| IMT              | IM29F001T      |                         |               |
| IMT              | IM29F001T      | [PLCC32]                | (1399)        |
| IMT              | IM29F001T      | [R-TSOP32]              | (1415)        |
| IMT              | IM29F001T      | [TSOP32]                | (1414)        |
| IMT              | IM29F002B      |                         |               |
| IMT              | IM29F002B      | [PLCC32]                | (1399)        |
| IMT              | IM29F002B      | [R-TSOP32]              | (1415)        |
| IMT              | IM29F002B      | [TSOP32]                | (1414)        |
| IMT              | IM29F002T      |                         |               |
| IMT              | IM29F002T      | [PLCC32]                | (1399)        |
| IMT              | IM29F002T      | [R-TSOP32]              | (1415)        |
| IMT              | IM29F002T      | [TSOP32]                | (1414)        |
| IMT              | IM29F004B      |                         |               |
| IMT              | IM29F004B      | [PLCC32]                | (1384)        |
| IMT              | IM29F004B      | [R-TSOP32]              | (1383)        |
| IMT              | IM29F004B      | [TSOP32]                | (1381)        |
| IMT              | IM29F004T      |                         |               |
| IMT              | IM29F004T      | [PLCC32]                | (1384)        |
| IMT              | IM29F004T      | [R-TSOP32]              | (1383)        |
| IMT              | IM29F004T      | [TSOP32]                | (1381)        |
| IMT              | IM29LV004B     |                         |               |
| IMT              | IM29LV004B     | [PLCC32]                | (1384)        |
| IMT              | IM29LV004B     | [R-TSOP32]              | (1383)        |
| IMT              | IM29LV004B     | [TSOP32]                | (1381)        |
| IMT              | IM29LV004T     |                         |               |
| IMT              | IM29LV004T     | [PLCC32]                | (1384)        |
| IMT              | IM29LV004T     | [R-TSOP32]              | (1383)        |
| IMT              | IM29LV004T     | [TSOP32]                | (1381)        |
| Indesit          | HD64F39079LFZ  | [QFP64]                 | (2966) (9999) |
| Infineon         | CHL8112A       | (ISP)                   | (138)         |
| Infineon         | CHL8112A       | [QFN40]                 | (2324)        |
| Infineon         | CHL8266        | [QFN48]                 | (2566)        |
| Infineon         | CHL8325A       | [QFN40]                 | (2324)        |
| Infineon         | CHL8325B       | [QFN40]                 | (2324)        |
| Infineon         | CHL8326        | [QFN48]                 | (2565)        |
| Infineon         | CHL8328        | [QFN56]                 | (2567)        |
| Infineon         | HYF31DS51280xB | [TSOP48]                | (1266) (*1)   |
| Infineon         | HYF33DS51280xB | [TSOP48]                | (1266) (*1)   |
| Infineon         | IR35201        | [QFN56]                 | (3495)        |
| Infineon         | IR35203        | [QFN48]                 | (3569)        |
| Infineon         | IR35204        | [QFN40]                 | (4047)        |
| Infineon         | IR35207        | rev. 1 [QFN40] (SICF)   | (4098)        |
| Infineon         | IR35207        | rev. 2/3 [QFN40] (SICF) | (4098)        |
| Infineon         | IR35215        | rev. 1 [QFN40] (SICF)   | (4098)        |
| Infineon         | IR35215        | rev. 2/3 [QFN40] (SICF) | (4098)        |
| Infineon         | IR35215        | rev. 5 [QFN40] (SICF)   | (4098)        |
| Infineon         | IR35217        | [QFN56]                 | (3495)        |
| Infineon         | IR35223        | [QFN48] (SICF)          | (5011)        |
| Infineon         | IR3536A        | [QFN48]                 | (2565)        |
| Infineon         | IR3538         | [QFN56]                 | (2567)        |
| Infineon         | IR3538A        | [QFN56]                 | (2567)        |
| Infineon         | IR3541A        | [QFN40]                 | (2324)        |
| Infineon         | IR3563A        | [QFN48]                 | (2883)        |
| Infineon         | IR3563B        | [QFN48]                 | (2883)        |
| Infineon         | IR3564A        | [QFN40]                 | (2882)        |
| Infineon         | IR3564B        | [QFN40]                 | (2882)        |
| Infineon         | IR3566A        | [QFN48]                 | (2883)        |
| Infineon         | IR3566B        | [QFN48]                 | (2883)        |
| Infineon         | IR3567B        | [QFN56]                 | (4195)        |
| Infineon         | IR3570A        | [QFN40]                 | (2882)        |

|          |                               |              |
|----------|-------------------------------|--------------|
| Infinion | IR3570B [QFN40]               | (2882)       |
| Infinion | IR3580 (ISP)                  | (138) (9997) |
| Infinion | IR3580 [QFN48]                | (2883)       |
| Infinion | IR3581 [QFN48]                | (2883)       |
| Infinion | IR3584 [QFN40]                | (2882)       |
| Infinion | IR3595A [QFN56]               | (4544)       |
| Infinion | IR38063 [PQFN24]              | (4241)       |
| Infinion | IR38163 [PQFN24]              | (4241)       |
| Infinion | IRMCF171 [LQFP48]             | (4954)       |
| Infinion | IRMCF188 [LQFP64]             | (5003)       |
| Infinion | IRMCK099M [QFN32]             | (4510)       |
| Infinion | PMA5105 (ISP)                 | (138)        |
| Infinion | PMA5105 [TSSOP38]             | (1477)       |
| Infinion | PMA5110 (ISP)                 | (138)        |
| Infinion | PMA5110 [TSSOP38]             | (1477)       |
| Infinion | PMA7105 (ISP)                 | (138)        |
| Infinion | PMA7105 [TSSOP38]             | (1477)       |
| Infinion | PMA7106 (ISP)                 | (138)        |
| Infinion | PMA7106 [TSSOP38]             | (1477)       |
| Infinion | PMA7107 (ISP)                 | (138)        |
| Infinion | PMA7107 [TSSOP38]             | (1477)       |
| Infinion | PMA7110 (ISP)                 | (138)        |
| Infinion | PMA7110 [TSSOP38]             | (1477)       |
| Infinion | PX3141DDQ [QFN48]             | (2970)       |
| Infinion | PX3143DDQ [QFN48]             | (2970)       |
| Infinion | PX3143GDM [QFN40]             | (2989)       |
| Infinion | PX3143HDM [QFN40]             | (2989)       |
| Infinion | PX3244DDQ [QFN48]             | (2970)       |
| Infinion | PX3244GDM [QFN40]             | (2989)       |
| Infinion | PX3244HDM [QFN40]             | (2989)       |
| Infinion | PX3743DDQ [QFN48]             | (2970)       |
| Infinion | PX3744DDQ [QFN48]             | (2970)       |
| Infinion | PX3744GDN [QFN48]             | (2971)       |
| Infinion | PX3744HDN [QFN48]             | (2971)       |
| Infinion | PX3746DDQ [QFN48]             | (2970)       |
| Infinion | PX3746GDN [QFN48]             | (2971)       |
| Infinion | PX3746HDN [QFN48]             | (2971)       |
| Infinion | PX3847BDQ [QFN48]             | (2417)       |
| Infinion | PX3847CDQ [QFN48]             | (2417)       |
| Infinion | PX3847DDQ [QFN48]             | (2970)       |
| Infinion | PX3875FDQG [QFN48]            | (2417)       |
| Infinion | PX3877FDQG [QFN48]            | (2417)       |
| Infinion | PX3895CDQG [QFN48]            | (2417)       |
| Infinion | PX3895DDQG [QFN48]            | (2417)       |
| Infinion | PX3895EDQG [QFN48]            | (2417)       |
| Infinion | PX3897CDQG [QFN48]            | (2417)       |
| Infinion | PX3897DDQG [QFN48]            | (2417)       |
| Infinion | PX3897EDQG [QFN48]            | (2417)       |
| Infinion | PX8141DDQ [QFN48]             | (2970)       |
| Infinion | PX8141HDM [QFN40]             | (2989)       |
| Infinion | PX8143DDQ [QFN48]             | (2970)       |
| Infinion | PX8143GDM [QFN40]             | (2989)       |
| Infinion | PX8143HDM [QFN40]             | (2989)       |
| Infinion | PX8143JDM [QFN40]             | (2989)       |
| Infinion | PX8240GDN [QFN48]             | (2971)       |
| Infinion | PX8240HDN [QFN48]             | (2971)       |
| Infinion | PX8244DDQ [QFN48]             | (2970)       |
| Infinion | PX8244GDM [QFN40]             | (2989)       |
| Infinion | PX8244HDM [QFN40]             | (2989)       |
| Infinion | PX8743DDQ [QFN48]             | (2970)       |
| Infinion | PX8744DDQ [QFN48]             | (2970)       |
| Infinion | PX8744GDN [QFN48]             | (2971)       |
| Infinion | PX8744HDN [QFN48]             | (2971)       |
| Infinion | PX8746DDQ [QFN48]             | (2970)       |
| Infinion | PX8746GDN [QFN48]             | (2971)       |
| Infinion | PX8746HDN [QFN48]             | (2971)       |
| Infinion | PX8746JDN [QFN48]             | (2971)       |
| Infinion | PX8847BDQ [QFN48]             | (2417)       |
| Infinion | PX8847CDQ [QFN48]             | (2417)       |
| Infinion | PX8847DDQ [QFN48]             | (2970)       |
| Infinion | PX8847HDN [QFN48]             | (2971)       |
| Infinion | PX8860ADQG [QFN48]            | (2133)       |
| Infinion | PX8860BDQG [QFN48]            | (2133)       |
| Infinion | PX8860CDQG [QFN48]            | (2133)       |
| Infinion | PX8860DDQG [QFN48]            | (2417)       |
| Infinion | PX8897CDQG [QFN48]            | (2417)       |
| Infinion | PX8897DDQG [QFN48]            | (2417)       |
| Infinion | PX8897EDQG [QFN48]            | (2417)       |
| Infinion | PXC1331Bxx [QFN48]            | (4017)       |
| Infinion | PXC1331Cxx [QFN48]            | (4017)       |
| Infinion | PXC1410Bxx [QFN40]            | (3663)       |
| Infinion | PXC1410Cxx [QFN40]            | (3663)       |
| Infinion | PXE0110Axx [QFN48]            | (2971)       |
| Infinion | PXE0610Axx [QFN48]            | (2971)       |
| Infinion | PXE1110Bxx [QFN40]            | (3663)       |
| Infinion | PXE1110Cxx [QFN40]            | (3663)       |
| Infinion | PXE1410Bxx [QFN40]            | (3663)       |
| Infinion | PXE1410Cxx [QFN40]            | (3663)       |
| Infinion | PXE1610Bxx [QFN48]            | (4017)       |
| Infinion | PXE1610Cxx [QFN48]            | (4017)       |
| Infinion | PXM0310Axx [QFN48]            | (2971)       |
| Infinion | PXM1310Bxx [QFN40]            | (3663)       |
| Infinion | PXM1310Cxx [QFN40]            | (3663)       |
| Infinion | PXM1330Bxx [QFN48]            | (4017)       |
| Infinion | PXM1330Cxx [QFN48]            | (4017)       |
| Infinion | SAA-XC866-1FRx [TSSOP38]      | (884)        |
| Infinion | SAA-XC866-1FRx 3V [TSSOP38]   | (884)        |
| Infinion | SAA-XC866-2FRx [TSSOP38]      | (884)        |
| Infinion | SAA-XC866-2FRx 3V [TSSOP38]   | (884)        |
| Infinion | SAA-XC866-4FRx [TSSOP38]      | (884)        |
| Infinion | SAA-XC866-4FRx 3V [TSSOP38]   | (884)        |
| Infinion | SAA-XC866L-1FRx [TSSOP38]     | (884)        |
| Infinion | SAA-XC866L-1FRx 3V [TSSOP38]  | (884)        |
| Infinion | SAA-XC866L-2FRx [TSSOP38]     | (884)        |
| Infinion | SAA-XC866L-2FRx 3V [TSSOP38]  | (884)        |
| Infinion | SAA-XC866L-4FRx [TSSOP38]     | (884)        |
| Infinion | SAA-XC866L-4FRx 3V [TSSOP38]  | (884)        |
| Infinion | SAA-XC886-6FFx 5V [TQFP48]    | (1070)       |
| Infinion | SAA-XC886-8FFx 5V [TQFP48]    | (1070)       |
| Infinion | SAA-XC886C-6FFx 5V [TQFP48]   | (1070)       |
| Infinion | SAA-XC886C-8FFx 5V [TQFP48]   | (1070)       |
| Infinion | SAA-XC886CLM-6FFx 5V [TQFP48] | (1070)       |
| Infinion | SAA-XC886CLM-8FFx 5V [TQFP48] | (1070)       |
| Infinion | SAA-XC886CM-6FFx 5V [TQFP48]  | (1070)       |
| Infinion | SAA-XC886CM-8FFx 5V [TQFP48]  | (1070)       |
| Infinion | SAA-XC886LM-6FFx 5V [TQFP48]  | (1070)       |
| Infinion | SAA-XC886LM-8FFx 5V (ISP-LIN) | (138) (9997) |
| Infinion | SAA-XC886LM-8FFx 5V [TQFP48]  | (1070)       |
| Infinion | SAB88C166 [MQFP100]           | (244)        |
| Infinion | SAB88C166W [MQFP100]          | (244)        |
| Infinion | SAB-C164CI-8E (ISP-UART)      | (138) (9997) |
| Infinion | SAB-C164CI-8E [MQFP80]        | (246)        |
| Infinion | SAB-CS01G-1E                  |              |
| Infinion | SAB-CS01G-1E [MQFP44]         | (108)        |
| Infinion | SAB-CS01G-1E [PLCC44]         | (67)         |
| Infinion | SAB-CS04-2E [MQFP44]          | (108)        |
| Infinion | SAB-CS05A-4E [MQFP44]         | (108)        |
| Infinion | SAB-CS05CA-4E [MQFP44]        | (108)        |

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| Infineon | SAB-C505L-4E [MQFP80]            | (182)        |
| Infineon | SAB-C508-4E [MQFP64]             | (583)        |
| Infineon | SAB-C508-4E [SDIP64]             | (584)        |
| Infineon | SAB-C513AO-2E                    |              |
| Infineon | SAB-C513AO-2E [MQFP44]           | (108)        |
| Infineon | SAB-C513AO-2E [PLCC44]           | (67)         |
| Infineon | SAB-C515C-8E [MQFP80]            | (182)        |
| Infineon | SAB-C540U-E [PLCC44]             | (67)         |
| Infineon | SAB-C541U-1E [PLCC44]            | (67)         |
| Infineon | SAB-XC167CI-16F [TQFP144]        | (1039)       |
| Infineon | SAB-XC167CI-32F [TQFP144]        | (1039)       |
| Infineon | SAF-C164CI-8E (ISP-UART)         | (138) (9997) |
| Infineon | SAF-C164CI-8E [MQFP80]           | (246)        |
| Infineon | SAF-C164CM-4E [TQFP64]           | (1520)       |
| Infineon | SAF-C501G-1E                     |              |
| Infineon | SAF-C501G-1E [MQFP44]            | (108)        |
| Infineon | SAF-C501G-1E [PLCC44]            | (67)         |
| Infineon | SAF-C504-2E [MQFP44]             | (108)        |
| Infineon | SAF-C505A-4E [MQFP44]            | (108)        |
| Infineon | SAF-C505CA-4E [MQFP44]           | (108)        |
| Infineon | SAF-C505L-4E [MQFP80]            | (182)        |
| Infineon | SAF-C508-4E [MQFP64]             | (583)        |
| Infineon | SAF-C508-4E [SDIP64]             | (584)        |
| Infineon | SAB-C513AO-2E                    |              |
| Infineon | SAF-C513AO-2E [MQFP44]           | (108)        |
| Infineon | SAF-C513AO-2E [PLCC44]           | (67)         |
| Infineon | SAF-C515C-8E [MQFP80]            | (182)        |
| Infineon | SAF-CIC61508 3V3 [TSSOP38]       | (884)        |
| Infineon | SAF-XC161CJ-16F [TQFP144]        | (1039)       |
| Infineon | SAF-XC161CJ-32F [TQFP144]        | (1039)       |
| Infineon | SAF-XC161CS-32F [TQFP144]        | (1039)       |
| Infineon | SAF-XC164CM-16F [LQFP64]         | (1003)       |
| Infineon | SAF-XC164CM-4F [TQFP64]          | (1003)       |
| Infineon | SAF-XC164CM-8F [TQFP64]          | (1003)       |
| Infineon | SAF-XC164CR-16F (ISP-UART)       | (138) (9997) |
| Infineon | SAF-XC164CR-16F [TQFP100]        | (898)        |
| Infineon | SAF-XC164CR-32F [TQFP100]        | (898)        |
| Infineon | SAF-XC164CS-16F (ISP-UART)       | (138) (9997) |
| Infineon | SAF-XC164CS-16F [TQFP100]        | (898)        |
| Infineon | SAF-XC164CS-32F (ISP-UART)       | (138) (9997) |
| Infineon | SAF-XC164CS-32F [TQFP100]        | (898)        |
| Infineon | SAF-XC164CS-32F [TQFP100] (UART) | (898)        |
| Infineon | SAF-XC164CS-8F [TQFP100]         | (898)        |
| Infineon | SAF-XC164D-16F [TQFP100]         | (898)        |
| Infineon | SAF-XC164D-32F [TQFP100]         | (898)        |
| Infineon | SAF-XC164D-8F [TQFP100]          | (898)        |
| Infineon | SAF-XC164GM-16F [LQFP64]         | (1003)       |
| Infineon | SAF-XC164GM-4F [TQFP64]          | (1003)       |
| Infineon | SAF-XC164GM-8F [TQFP64]          | (1003)       |
| Infineon | SAF-XC164KM-16F [LQFP64]         | (1003)       |
| Infineon | SAF-XC164KM-4F [TQFP64]          | (1003)       |
| Infineon | SAF-XC164KM-8F [TQFP64]          | (1003)       |
| Infineon | SAF-XC164LM-16F [LQFP64]         | (1003)       |
| Infineon | SAF-XC164LM-4F [TQFP64]          | (1003)       |
| Infineon | SAF-XC164LM-8F [TQFP64]          | (1003)       |
| Infineon | SAF-XC164N-16F [TQFP100]         | (898)        |
| Infineon | SAF-XC164N-32F [TQFP100]         | (898)        |
| Infineon | SAF-XC164N-8F [TQFP100]          | (898)        |
| Infineon | SAF-XC164S-16F [TQFP100]         | (898)        |
| Infineon | SAF-XC164S-32F [TQFP100]         | (898)        |
| Infineon | SAF-XC164S-8F [TQFP100]          | (898)        |
| Infineon | SAF-XC164SM-16F [LQFP64]         | (1003)       |
| Infineon | SAF-XC164SM-4F [TQFP64]          | (1003)       |
| Infineon | SAF-XC164SM-8F [TQFP64]          | (1003)       |
| Infineon | SAF-XC164TM-16F [LQFP64]         | (1003)       |
| Infineon | SAF-XC164TM-4F [TQFP64]          | (1003)       |
| Infineon | SAF-XC164TM-8F [TQFP64]          | (1003)       |
| Infineon | SAF-XC167CI-16F [TQFP144]        | (1039)       |
| Infineon | SAF-XC167CI-32F [TQFP144]        | (1039)       |
| Infineon | SAF-XC2261N-24Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2263M-104Fxxx [LQFP100]    | (3038)       |
| Infineon | SAF-XC2263M-56Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2263M-72Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2263N-16Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2263N-24Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2263N-40Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2264-56Fxxx [LQFP100]      | (3038)       |
| Infineon | SAF-XC2264-72Fxxx [LQFP100]      | (3038)       |
| Infineon | SAF-XC2264-96Fxxx [LQFP100]      | (3038)       |
| Infineon | SAF-XC2264M-104Fxxx [LQFP100]    | (3038)       |
| Infineon | SAF-XC2264M-56Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2264M-72Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2264N-16Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2264N-24Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2264N-40Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2265M-104Fxxx [LQFP100]    | (3038)       |
| Infineon | SAF-XC2265M-56Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2265M-72Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2265N-16Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2265N-24Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2265N-40Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2267-56Fxxx [LQFP100]      | (3038)       |
| Infineon | SAF-XC2267-72Fxxx [LQFP100]      | (3038)       |
| Infineon | SAF-XC2267-96Fxxx [LQFP100]      | (3038)       |
| Infineon | SAF-XC2267M-104Fxxx [LQFP100]    | (3038)       |
| Infineon | SAF-XC2267M-56Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2267M-72Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2268I-104Fxxx [LQFP100]    | (4027)       |
| Infineon | SAF-XC2268I-136Fxxx [LQFP100]    | (4027)       |
| Infineon | SAF-XC2268I-72Fxxx [LQFP100]     | (4027)       |
| Infineon | SAF-XC2268M-104Fxxx [LQFP100]    | (3038)       |
| Infineon | SAF-XC2268M-56Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2268M-72Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2268N-40Fxxx [LQFP100]     | (3038)       |
| Infineon | SAF-XC2269I-104Fxxx [LQFP100]    | (4027)       |
| Infineon | SAF-XC2269I-136Fxxx [LQFP100]    | (4027)       |
| Infineon | SAF-XC2269I-72Fxxx [LQFP100]     | (4027)       |
| Infineon | SAF-XC2285-56Fxxx [LQFP144]      | (4029)       |
| Infineon | SAF-XC2285-72Fxxx [LQFP144]      | (4029)       |
| Infineon | SAF-XC2285-96Fxxx [LQFP144]      | (4029)       |
| Infineon | SAF-XC2285M-104Fxxx [LQFP144]    | (4029)       |
| Infineon | SAF-XC2285M-56Fxxx [LQFP144]     | (4029)       |
| Infineon | SAF-XC2285M-72Fxxx [LQFP144]     | (4029)       |
| Infineon | SAF-XC2286-56Fxxx [LQFP144]      | (4029)       |
| Infineon | SAF-XC2286-72Fxxx [LQFP144]      | (4029)       |
| Infineon | SAF-XC2286-96Fxxx [LQFP144]      | (4029)       |
| Infineon | SAF-XC2286M-104Fxxx [LQFP144]    | (4029)       |
| Infineon | SAF-XC2286M-56Fxxx [LQFP144]     | (4029)       |
| Infineon | SAF-XC2286M-72Fxxx [LQFP144]     | (4029)       |
| Infineon | SAF-XC2287-56Fxxx [LQFP144]      | (4029)       |
| Infineon | SAF-XC2287-72Fxxx [LQFP144]      | (4029)       |
| Infineon | SAF-XC2287-96Fxxx [LQFP144]      | (4029)       |
| Infineon | SAF-XC2287M-104Fxxx [LQFP144]    | (4029)       |
| Infineon | SAF-XC2287M-56Fxxx [LQFP144]     | (4029)       |
| Infineon | SAF-XC2287M-72Fxxx [LQFP144]     | (4029)       |
| Infineon | SAF-XC2288H-136Fxxx [LQFP144]    | (4028)       |
| Infineon | SAF-XC2288H-200Fxxx [LQFP144]    | (4028)       |
| Infineon | SAF-XC2288I-104Fxxx [LQFP144]    | (4028)       |

|          |                       |           |        |
|----------|-----------------------|-----------|--------|
| Infinion | SAF-XC2288I-136Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2288I-72Fxxx    | [LQFP144] | (4028) |
| Infinion | SAF-XC2289H-136Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2289H-200Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2289I-104Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2289I-136Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2289I-72Fxxx    | [LQFP144] | (4028) |
| Infinion | SAF-XC2297H-104Fxxx   | [LQFP176] | (4077) |
| Infinion | SAF-XC2297H-136Fxxx   | [LQFP176] | (4077) |
| Infinion | SAF-XC2297H-200Fxxx   | [LQFP176] | (4077) |
| Infinion | SAF-XC2298H-136Fxxx   | [LQFP176] | (4078) |
| Infinion | SAF-XC2298H-200Fxxx   | [LQFP176] | (4078) |
| Infinion | SAF-XC2299H-136Fxxx   | [LQFP176] | (4078) |
| Infinion | SAF-XC2299H-200Fxxx   | [LQFP176] | (4078) |
| Infinion | SAF-XC2361A-56Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2361A-72Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2361B-24Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2361B-40Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2361E-104Fxxx   | [LQFP100] | (4027) |
| Infinion | SAF-XC2361E-136Fxxx   | [LQFP100] | (4027) |
| Infinion | SAF-XC2361E-72Fxxx    | [LQFP100] | (4027) |
| Infinion | SAF-XC2363A-56Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2363A-72Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2363B-24Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2363B-40Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2364A-104Fxxx   | [LQFP100] | (3038) |
| Infinion | SAF-XC2364A-56Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2364A-72Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2364B-24Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2364B-40Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2365A-104Fxxx   | [LQFP100] | (3038) |
| Infinion | SAF-XC2365A-56Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2365A-72Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2365B-24Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2365B-40Fxxx    | [LQFP100] | (3038) |
| Infinion | SAF-XC2367E-104Fxxx   | [LQFP100] | (4027) |
| Infinion | SAF-XC2367E-136Fxxx   | [LQFP100] | (4027) |
| Infinion | SAF-XC2367E-72Fxxx    | [LQFP100] | (4027) |
| Infinion | SAF-XC2368E-104Fxxx   | [LQFP100] | (4027) |
| Infinion | SAF-XC2368E-136Fxxx   | [LQFP100] | (4027) |
| Infinion | SAF-XC2368E-72Fxxx    | [LQFP100] | (4027) |
| Infinion | SAF-XC2385A-104Fxxx   | [LQFP144] | (4029) |
| Infinion | SAF-XC2385A-56Fxxx    | [LQFP144] | (4029) |
| Infinion | SAF-XC2385A-72Fxxx    | [LQFP144] | (4029) |
| Infinion | SAF-XC2387-72Fxxx     | [LQFP144] | (4029) |
| Infinion | SAF-XC2387A-104Fxxx   | [LQFP144] | (4029) |
| Infinion | SAF-XC2387A-56Fxxx    | [LQFP144] | (4029) |
| Infinion | SAF-XC2387A-72Fxxx    | [LQFP144] | (4029) |
| Infinion | SAF-XC2387C-104Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2387C-136Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2387C-200Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2387E-104Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2387E-136Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2387E-72Fxxx    | [LQFP144] | (4028) |
| Infinion | SAF-XC2388C-104Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2388C-136Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2388C-200Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2388E-104Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2388E-136Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2388E-72Fxxx    | [LQFP144] | (4028) |
| Infinion | SAF-XC2768X-104Fxxx   | [LQFP100] | (4027) |
| Infinion | SAF-XC2768X-136Fxxx   | [LQFP100] | (4027) |
| Infinion | SAF-XC2786X-96Fxxx    | [LQFP144] | (4029) |
| Infinion | SAF-XC2787X-136Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2787X-200Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2788X-104Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2788X-136Fxxx   | [LQFP144] | (4028) |
| Infinion | SAF-XC2797X-136Fxxx   | [LQFP176] | (4078) |
| Infinion | SAF-XC2797X-200Fxxx   | [LQFP176] | (4078) |
| Infinion | SAF-XC846-1FRx        | [TSSOP38] | (884)  |
| Infinion | SAF-XC866-1FRx        | [TSSOP38] | (884)  |
| Infinion | SAF-XC866-1FRx 3V     | [TSSOP38] | (884)  |
| Infinion | SAF-XC866-2FRx        | [TSSOP38] | (884)  |
| Infinion | SAF-XC866-2FRx 3V     | [TSSOP38] | (884)  |
| Infinion | SAF-XC866-4FRx        | [TSSOP38] | (884)  |
| Infinion | SAF-XC866-4FRx 3V     | [TSSOP38] | (884)  |
| Infinion | SAF-XC866L-1FRx       | [TSSOP38] | (884)  |
| Infinion | SAF-XC866L-1FRx 3V    | [TSSOP38] | (884)  |
| Infinion | SAF-XC866L-2FRx       | [TSSOP38] | (884)  |
| Infinion | SAF-XC866L-2FRx 3V    | [TSSOP38] | (884)  |
| Infinion | SAF-XC866L-4FRx       | [TSSOP38] | (884)  |
| Infinion | SAF-XC866L-4FRx 3V    | [TSSOP38] | (884)  |
| Infinion | SAF-XC886-6FFx 3V3    | [TQFP48]  | (1070) |
| Infinion | SAF-XC886-6FFx 5V     | [TQFP48]  | (1070) |
| Infinion | SAF-XC886-8FFx 3V3    | [TQFP48]  | (1070) |
| Infinion | SAF-XC886-8FFx 5V     | [TQFP48]  | (1070) |
| Infinion | SAF-XC886C-6FFx 3V3   | [TQFP48]  | (1070) |
| Infinion | SAF-XC886C-6FFx 5V    | [TQFP48]  | (1070) |
| Infinion | SAF-XC886C-8FFx 3V3   | [TQFP48]  | (1070) |
| Infinion | SAF-XC886C-8FFx 5V    | [TQFP48]  | (1070) |
| Infinion | SAF-XC886CLM-6FFx 3V3 | [TQFP48]  | (1070) |
| Infinion | SAF-XC886CLM-6FFx 5V  | [TQFP48]  | (1070) |
| Infinion | SAF-XC886CLM-8FFx 3V3 | [TQFP48]  | (1070) |
| Infinion | SAF-XC886CLM-8FFx 5V  | [TQFP48]  | (1070) |
| Infinion | SAF-XC886CM-6FFx 3V3  | [TQFP48]  | (1070) |
| Infinion | SAF-XC886CM-6FFx 5V   | [TQFP48]  | (1070) |
| Infinion | SAF-XC886CM-8FFx 3V3  | [TQFP48]  | (1070) |
| Infinion | SAF-XC886CM-8FFx 5V   | [TQFP48]  | (1070) |
| Infinion | SAF-XC886LM-6FFx 3V3  | [TQFP48]  | (1070) |
| Infinion | SAF-XC886LM-6FFx 5V   | [TQFP48]  | (1070) |
| Infinion | SAF-XC886LM-8FFx 3V3  | [TQFP48]  | (1070) |
| Infinion | SAF-XC886LM-8FFx 5V   | [TQFP48]  | (1070) |
| Infinion | SAF-XC888-6FFx 3V3    | [TQFP64]  | (1071) |
| Infinion | SAF-XC888-6FFx 5V     | [TQFP64]  | (1071) |
| Infinion | SAF-XC888-8FFx 3V3    | [TQFP64]  | (1071) |
| Infinion | SAF-XC888-8FFx 5V     | [TQFP64]  | (1071) |
| Infinion | SAF-XC888C-6FFx 3V3   | [TQFP64]  | (1071) |
| Infinion | SAF-XC888C-6FFx 5V    | [TQFP64]  | (1071) |
| Infinion | SAF-XC888C-8FFx 3V3   | [TQFP64]  | (1071) |
| Infinion | SAF-XC888C-8FFx 5V    | [TQFP64]  | (1071) |
| Infinion | SAF-XC888CLM-6FFx 3V3 | [TQFP64]  | (1071) |
| Infinion | SAF-XC888CLM-6FFx 5V  | [TQFP64]  | (1071) |
| Infinion | SAF-XC888CLM-8FFx 3V3 | [TQFP64]  | (1071) |
| Infinion | SAF-XC888CLM-8FFx 5V  | [TQFP64]  | (1071) |
| Infinion | SAF-XC888CM-6FFx 3V3  | [TQFP64]  | (1071) |
| Infinion | SAF-XC888CM-6FFx 5V   | [TQFP64]  | (1071) |
| Infinion | SAF-XC888CM-8FFx 3V3  | [TQFP64]  | (1071) |
| Infinion | SAF-XC888CM-8FFx 5V   | [TQFP64]  | (1071) |
| Infinion | SAF-XC888LM-6FFx 3V3  | [TQFP64]  | (1071) |
| Infinion | SAF-XC888LM-6FFx 5V   | [TQFP64]  | (1071) |
| Infinion | SAF-XC888LM-8FFx 3V3  | [TQFP64]  | (1071) |
| Infinion | SAF-XC888LM-8FFx 5V   | [TQFP64]  | (1071) |
| Infinion | SAF-XE164F-24Fxxx     | [LQFP100] | (3038) |
| Infinion | SAF-XE164F-48Fxxx     | [LQFP100] | (3038) |
| Infinion | SAF-XE164F-72Fxxx     | [LQFP100] | (3038) |
| Infinion | SAF-XE164F-96Fxxx     | [LQFP100] | (3038) |
| Infinion | SAF-XE164FM-24Fxxx    | [LQFP100] | (3038) |



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|          |                                  |           |              |
|----------|----------------------------------|-----------|--------------|
| Infinion | SAH-XC2363A-56Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAH-XC2363A-72Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAH-XC2363B-24Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAH-XC2363B-40Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAH-XC2364A-104Fxxx              | [LQFP100] | (3038)       |
| Infinion | SAH-XC2364A-56Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAH-XC2364A-72Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAH-XC2364B-24Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAH-XC2364B-40Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAH-XC2365A-104Fxxx              | [LQFP100] | (3038)       |
| Infinion | SAH-XC2365A-56Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAH-XC2365A-72Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAH-XC2365B-24Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAH-XC2365B-40Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAH-XC2367E-104Fxxx              | [LQFP100] | (4027)       |
| Infinion | SAH-XC2367E-136Fxxx              | [LQFP100] | (4027)       |
| Infinion | SAH-XC2367E-72Fxxx               | [LQFP100] | (4027)       |
| Infinion | SAH-XC2368E-104Fxxx              | [LQFP100] | (4027)       |
| Infinion | SAH-XC2368E-136Fxxx              | [LQFP100] | (4027)       |
| Infinion | SAH-XC2368E-72Fxxx               | [LQFP100] | (4027)       |
| Infinion | SAH-XC2385A-104Fxxx              | [LQFP144] | (4029)       |
| Infinion | SAH-XC2385A-56Fxxx               | [LQFP144] | (4029)       |
| Infinion | SAH-XC2385A-72Fxxx               | [LQFP144] | (4029)       |
| Infinion | SAH-XC2387A-104Fxxx              | [LQFP144] | (4029)       |
| Infinion | SAH-XC2387A-56Fxxx               | [LQFP144] | (4029)       |
| Infinion | SAH-XC2387A-72Fxxx               | [LQFP144] | (4029)       |
| Infinion | SAH-XC2387C-104Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2387C-136Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2387C-200Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2387E-104Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2387E-136Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2387E-72Fxxx               | [LQFP144] | (4028)       |
| Infinion | SAH-XC2388C-104Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2388C-136Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2388C-200Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2388E-104Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2388E-136Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2388E-72Fxxx               | [LQFP144] | (4028)       |
| Infinion | SAH-XC2768X-104Fxxx              | [LQFP100] | (4027)       |
| Infinion | SAH-XC2768X-136Fxxx              | [LQFP100] | (4027)       |
| Infinion | SAH-XC2787X-136Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2787X-200Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2788X-104Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2788X-136Fxxx              | [LQFP144] | (4028)       |
| Infinion | SAH-XC2797X-136Fxxx              | [LQFP176] | (4078)       |
| Infinion | SAH-XC2797X-200Fxxx              | [LQFP176] | (4078)       |
| Infinion | SAH-XE169FH-136Fxxx              | [LQFP176] | (4078)       |
| Infinion | SAH-XE169FH-200Fxxx              | [LQFP176] | (4078)       |
| Infinion | SAK-C164CI-8E (ISP-UART)         |           | (138) (9997) |
| Infinion | SAK-C164CI-8E [MQFP80]           |           | (246)        |
| Infinion | SAK-C164CM-4E [TQFP64]           |           | (1520)       |
| Infinion | SAK-C504-2E [MQFP44]             |           | (108)        |
| Infinion | SAK-C505A-4E [MQFP44]            |           | (108)        |
| Infinion | SAK-C505CA-4E [MQFP44]           |           | (108)        |
| Infinion | SAK-C505L-4E [MQFP80]            |           | (182)        |
| Infinion | SAK-CIC61508 3V3 [TSSOP38]       |           | (884)        |
| Infinion | SAK-TC1767-256Fxxx               | [LQFP176] | (1345)       |
| Infinion | SAK-TC1767-256Fxxx               | [LQFP176] | (1345)       |
| Infinion | SAK-TC1782-256Fxxx               | [LQFP176] | (2993)       |
| Infinion | SAK-TC1782-320Fxxx               | [LQFP176] | (2993)       |
| Infinion | SAK-TC1782F-256Fxxx              | [LQFP176] | (2993)       |
| Infinion | SAK-TC1782F-320Fxxx              | [LQFP176] | (2993)       |
| Infinion | SAK-TC1782F-320Fxxx              | [LQFP176] | (2993)       |
| Infinion | SAK-TC1782N-256Fxxx              | [LQFP176] | (2993)       |
| Infinion | SAK-TC1782N-320Fxxx              | [LQFP176] | (2993)       |
| Infinion | SAK-TC1797-512Fxxx               | [BGA416]  | (2932)       |
| Infinion | SAK-TC1797-512Fxxx               | [BGA416]  | (2932)       |
| Infinion | SAK-XC161CJ-16F [TQFP144]        |           | (1039)       |
| Infinion | SAK-XC161CJ-32F [TQFP144]        |           | (1039)       |
| Infinion | SAK-XC161CS-32F [TQFP144]        |           | (1039)       |
| Infinion | SAK-XC164CM-16F [LQFP64]         |           | (1003)       |
| Infinion | SAK-XC164CM-4F [TQFP64]          |           | (1003)       |
| Infinion | SAK-XC164CM-8F [TQFP64]          |           | (1003)       |
| Infinion | SAK-XC164CR-16F (ISP-UART)       |           | (138) (9997) |
| Infinion | SAK-XC164CR-16F [TQFP100]        |           | (898)        |
| Infinion | SAK-XC164CR-32F [TQFP100]        |           | (898)        |
| Infinion | SAK-XC164CS-16F (ISP-UART)       |           | (138) (9997) |
| Infinion | SAK-XC164CS-16F [TQFP100]        |           | (898)        |
| Infinion | SAK-XC164CS-32F (ISP-UART)       |           | (138) (9997) |
| Infinion | SAK-XC164CS-32F [TQFP100]        |           | (898)        |
| Infinion | SAK-XC164CS-32F [TQFP100] (UART) |           | (898)        |
| Infinion | SAK-XC164CS-8F [TQFP100]         |           | (898)        |
| Infinion | SAK-XC167CI-16F [TQFP144]        |           | (1039)       |
| Infinion | SAK-XC167CI-32F [TQFP144]        |           | (1039)       |
| Infinion | SAK-XC2261N-24Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2263M-104Fxxx              | [LQFP100] | (3038)       |
| Infinion | SAK-XC2263M-56Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2263M-72Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2263N-16Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2263N-24Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2263N-40Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2264-56Fxxx                | [LQFP100] | (3038)       |
| Infinion | SAK-XC2264-72Fxxx                | [LQFP100] | (3038)       |
| Infinion | SAK-XC2264-96Fxxx                | [LQFP100] | (3038)       |
| Infinion | SAK-XC2264M-104Fxxx              | [LQFP100] | (3038)       |
| Infinion | SAK-XC2264M-56Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2264M-72Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2264N-16Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2264N-24Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2264N-40Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2265M-104Fxxx              | [LQFP100] | (3038)       |
| Infinion | SAK-XC2265M-56Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2265M-72Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2265N-16Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2265N-24Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2265N-40Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2267-56Fxxx                | [LQFP100] | (3038)       |
| Infinion | SAK-XC2267-72Fxxx                | [LQFP100] | (3038)       |
| Infinion | SAK-XC2267-96Fxxx                | [LQFP100] | (3038)       |
| Infinion | SAK-XC2267M-104Fxxx              | [LQFP100] | (3038)       |
| Infinion | SAK-XC2267M-56Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2267M-72Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2268I-104Fxxx              | [LQFP100] | (4027)       |
| Infinion | SAK-XC2268I-136Fxxx              | [LQFP100] | (4027)       |
| Infinion | SAK-XC2268I-72Fxxx               | [LQFP100] | (4027)       |
| Infinion | SAK-XC2268M-104Fxxx              | [LQFP100] | (3038)       |
| Infinion | SAK-XC2268M-56Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2268M-72Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2268N-40Fxxx               | [LQFP100] | (3038)       |
| Infinion | SAK-XC2269I-104Fxxx              | [LQFP100] | (4027)       |
| Infinion | SAK-XC2269I-136Fxxx              | [LQFP100] | (4027)       |
| Infinion | SAK-XC2269I-72Fxxx               | [LQFP100] | (4027)       |
| Infinion | SAK-XC2285-56Fxxx                | [LQFP144] | (4029)       |
| Infinion | SAK-XC2285-72Fxxx                | [LQFP144] | (4029)       |
| Infinion | SAK-XC2285-96Fxxx                | [LQFP144] | (4029)       |
| Infinion | SAK-XC2285M-104Fxxx              | [LQFP144] | (4029)       |
| Infinion | SAK-XC2285M-56Fxxx               | [LQFP144] | (4029)       |
| Infinion | SAK-XC2285M-72Fxxx               | [LQFP144] | (4029)       |

|          |                               |              |        |
|----------|-------------------------------|--------------|--------|
| Infinion | SAK-XC2286-56Fxxx             | [LQFP144]    | (4029) |
| Infinion | SAK-XC2286-72Fxxx             | [LQFP144]    | (4029) |
| Infinion | SAK-XC2286-96Fxxx             | [LQFP144]    | (4029) |
| Infinion | SAK-XC2286M-104Fxxx           | [LQFP144]    | (4029) |
| Infinion | SAK-XC2286M-56Fxxx            | [LQFP144]    | (4029) |
| Infinion | SAK-XC2286M-72Fxxx            | [LQFP144]    | (4029) |
| Infinion | SAK-XC2287-56Fxxx             | [LQFP144]    | (4029) |
| Infinion | SAK-XC2287-72Fxxx             | [LQFP144]    | (4029) |
| Infinion | SAK-XC2287-96Fxxx             | [LQFP144]    | (4029) |
| Infinion | SAK-XC2287M-104Fxxx           | [LQFP144]    | (4029) |
| Infinion | SAK-XC2287M-56Fxxx            | [LQFP144]    | (4029) |
| Infinion | SAK-XC2287M-72Fxxx            | [LQFP144]    | (4029) |
| Infinion | SAK-XC2288H-136Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2288H-200Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2288I-104Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2288I-136Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2288I-72Fxxx            | [LQFP144]    | (4028) |
| Infinion | SAK-XC2289H-136Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2289H-200Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2289I-104Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2289I-136Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2289I-72Fxxx            | [LQFP144]    | (4028) |
| Infinion | SAK-XC2297H-104Fxxx           | [LQFP176]    | (4077) |
| Infinion | SAK-XC2297H-136Fxxx           | [LQFP176]    | (4077) |
| Infinion | SAK-XC2297H-200Fxxx           | [LQFP176]    | (4077) |
| Infinion | SAK-XC2298H-136Fxxx           | [LQFP176]    | (4078) |
| Infinion | SAK-XC2298H-200Fxxx           | [LQFP176]    | (4078) |
| Infinion | SAK-XC2299H-136Fxxx           | [LQFP176]    | (4078) |
| Infinion | SAK-XC2299H-200Fxxx           | [LQFP176]    | (4078) |
| Infinion | SAK-XC2361A-56Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2361A-72Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2361B-24Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2361B-40Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2361E-104Fxxx           | [LQFP100]    | (4027) |
| Infinion | SAK-XC2361E-136Fxxx           | [LQFP100]    | (4027) |
| Infinion | SAK-XC2361E-72Fxxx            | [LQFP100]    | (4027) |
| Infinion | SAK-XC2363A-56Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2363A-72Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2363B-24Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2363B-40Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2364A-104Fxxx           | [LQFP100]    | (3038) |
| Infinion | SAK-XC2364A-56Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2364A-72Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2364B-24Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2364B-40Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2365A-104Fxxx           | [LQFP100]    | (3038) |
| Infinion | SAK-XC2365A-56Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2365A-72Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2365B-24Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2365B-40Fxxx            | [LQFP100]    | (3038) |
| Infinion | SAK-XC2367E-104Fxxx           | [LQFP100]    | (4027) |
| Infinion | SAK-XC2367E-136Fxxx           | [LQFP100]    | (4027) |
| Infinion | SAK-XC2367E-72Fxxx            | [LQFP100]    | (4027) |
| Infinion | SAK-XC2368E-104Fxxx           | [LQFP100]    | (4027) |
| Infinion | SAK-XC2368E-136Fxxx           | [LQFP100]    | (4027) |
| Infinion | SAK-XC2368E-72Fxxx            | [LQFP100]    | (4027) |
| Infinion | SAK-XC2385A-104Fxxx           | [LQFP144]    | (4029) |
| Infinion | SAK-XC2385A-56Fxxx            | [LQFP144]    | (4029) |
| Infinion | SAK-XC2385A-72Fxxx            | [LQFP144]    | (4029) |
| Infinion | SAK-XC2387-72Fxxx             | [LQFP144]    | (4029) |
| Infinion | SAK-XC2387A-104Fxxx           | [LQFP144]    | (4029) |
| Infinion | SAK-XC2387A-56Fxxx            | [LQFP144]    | (4029) |
| Infinion | SAK-XC2387A-72Fxxx            | [LQFP144]    | (4029) |
| Infinion | SAK-XC2387C-104Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2387C-136Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2387C-200Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2387E-104Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2387E-136Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2387E-72Fxxx            | [LQFP144]    | (4028) |
| Infinion | SAK-XC2388C-104Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2388C-136Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2388C-200Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2388E-104Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2388E-136Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2388E-72Fxxx            | [LQFP144]    | (4028) |
| Infinion | SAK-XC2768X-104Fxxx           | [LQFP100]    | (4027) |
| Infinion | SAK-XC2768X-136Fxxx           | [LQFP100]    | (4027) |
| Infinion | SAK-XC2785X-104Fxxx           | [LQFP144]    | (4029) |
| Infinion | SAK-XC2785X-72Fxxx            | [LQFP144]    | (4029) |
| Infinion | SAK-XC2786X-96Fxxx            | [LQFP144]    | (4029) |
| Infinion | SAK-XC2787X-136Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2787X-200Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2788X-104Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2788X-136Fxxx           | [LQFP144]    | (4028) |
| Infinion | SAK-XC2797X-136Fxxx           | [LQFP176]    | (4078) |
| Infinion | SAK-XC2797X-200Fxxx           | [LQFP176]    | (4078) |
| Infinion | SAK-XC846-1FRx                | [TSSOP38]    | (884)  |
| Infinion | SAK-XC866-1FRx                | [TSSOP38]    | (884)  |
| Infinion | SAK-XC866-1FRx 3V             | [TSSOP38]    | (884)  |
| Infinion | SAK-XC866-2FRx                | [TSSOP38]    | (884)  |
| Infinion | SAK-XC866-2FRx 3V             | [TSSOP38]    | (884)  |
| Infinion | SAK-XC866-4FRx                | [TSSOP38]    | (884)  |
| Infinion | SAK-XC866-4FRx 3V             | [TSSOP38]    | (884)  |
| Infinion | SAK-XC866L-1FRx               | [TSSOP38]    | (884)  |
| Infinion | SAK-XC866L-1FRx 3V            | [TSSOP38]    | (884)  |
| Infinion | SAK-XC866L-2FRx               | [TSSOP38]    | (884)  |
| Infinion | SAK-XC866L-2FRx 3V            | [TSSOP38]    | (884)  |
| Infinion | SAK-XC866L-4FRx               | [TSSOP38]    | (884)  |
| Infinion | SAK-XC866L-4FRx 3V            | [TSSOP38]    | (884)  |
| Infinion | SAK-XC886-6FFx 3V3            | [TQFP48]     | (1070) |
| Infinion | SAK-XC886-6FFx 5V             | [TQFP48]     | (1070) |
| Infinion | SAK-XC886-8FFx 3V3            | [TQFP48]     | (1070) |
| Infinion | SAK-XC886-8FFx 5V             | [TQFP48]     | (1070) |
| Infinion | SAK-XC886C-6FFx 3V3           | [TQFP48]     | (1070) |
| Infinion | SAK-XC886C-6FFx 5V            | [TQFP48]     | (1070) |
| Infinion | SAK-XC886C-8FFx 3V3           | [TQFP48]     | (1070) |
| Infinion | SAK-XC886C-8FFx 5V            | [TQFP48]     | (1070) |
| Infinion | SAK-XC886CLM-6FFx 3V3         | [TQFP48]     | (1070) |
| Infinion | SAK-XC886CLM-6FFx 5V          | [TQFP48]     | (1070) |
| Infinion | SAK-XC886CLM-8FFx 3V3         | [TQFP48]     | (1070) |
| Infinion | SAK-XC886CLM-8FFx 5V          | [TQFP48]     | (1070) |
| Infinion | SAK-XC886CM-6FFx 3V3          | [TQFP48]     | (1070) |
| Infinion | SAK-XC886CM-6FFx 5V           | [TQFP48]     | (1070) |
| Infinion | SAK-XC886CM-8FFx 3V3          | [TQFP48]     | (1070) |
| Infinion | SAK-XC886CM-8FFx 5V           | [TQFP48]     | (1070) |
| Infinion | SAK-XC886LM-6FFx 3V3          | [TQFP48]     | (1070) |
| Infinion | SAK-XC886LM-6FFx 5V           | [TQFP48]     | (1070) |
| Infinion | SAK-XC886LM-8FFx 3V3          | [TQFP48]     | (1070) |
| Infinion | SAK-XC886LM-8FFx 5V (ISP-LIN) | (138) (9997) |        |
| Infinion | SAK-XC886LM-8FFx 5V           | [TQFP48]     | (1070) |
| Infinion | SAK-XC888-6FFx 3V3            | [TQFP64]     | (1071) |
| Infinion | SAK-XC888-6FFx 5V             | [TQFP64]     | (1071) |
| Infinion | SAK-XC888-8FFx 3V3            | [TQFP64]     | (1071) |
| Infinion | SAK-XC888-8FFx 5V             | [TQFP64]     | (1071) |
| Infinion | SAK-XC888C-6FFx 3V3           | [TQFP64]     | (1071) |
| Infinion | SAK-XC888C-6FFx 5V            | [TQFP64]     | (1071) |
| Infinion | SAK-XC888C-8FFx 3V3           | [TQFP64]     | (1071) |
| Infinion | SAK-XC888C-8FFx 5V            | [TQFP64]     | (1071) |

|          |                     |     |           |              |
|----------|---------------------|-----|-----------|--------------|
| Infinion | SAK-XC888CLM-6FFx   | 3V3 | [TQFP64]  | (1071)       |
| Infinion | SAK-XC888CLM-6FFx   | 5V  | [TQFP64]  | (1071)       |
| Infinion | SAK-XC888CLM-8FFx   | 3V3 | [TQFP64]  | (1071)       |
| Infinion | SAK-XC888CLM-8FFx   | 5V  | [TQFP64]  | (1071)       |
| Infinion | SAK-XC888CM-6FFx    | 3V3 | [TQFP64]  | (1071)       |
| Infinion | SAK-XC888CM-6FFx    | 5V  | [TQFP64]  | (1071)       |
| Infinion | SAK-XC888CM-8FFx    | 3V3 | [TQFP64]  | (1071)       |
| Infinion | SAK-XC888CM-8FFx    | 5V  | [TQFP64]  | (1071)       |
| Infinion | SAK-XC888LM-6FFx    | 3V3 | [TQFP64]  | (1071)       |
| Infinion | SAK-XC888LM-6FFx    | 5V  | [TQFP64]  | (1071)       |
| Infinion | SAK-XC888LM-8FFx    | 3V3 | [TQFP64]  | (1071)       |
| Infinion | SAK-XC888LM-8FFx    | 5V  | [TQFP64]  | (1071)       |
| Infinion | SAK-XE164F-24Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164F-48Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164F-72Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164F-96Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164FM-24Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164FM-48Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164FM-72Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164FN-16Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164FN-24Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164FN-40Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164G-24Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164G-48Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164G-72Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164G-96Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164GM-24Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164GM-48Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164GM-72Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164GN-16Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164GN-24Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164GN-40Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164H-24Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164H-48Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164H-72Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164H-96Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164HM-24Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164HM-48Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164HM-72Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164HN-16Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164HN-24Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164HN-40Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164K-24Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164K-48Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164K-72Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164K-96Fxxx   |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164KM-24Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164KM-48Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164KM-72Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164KN-16Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164KN-24Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE164KN-40Fxxx  |     | [LQFP100] | (3038)       |
| Infinion | SAK-XE167FH-136Fxxx |     | [LQFP144] | (4028)       |
| Infinion | SAK-XE167FH-200Fxxx |     | [LQFP144] | (4028)       |
| Infinion | SAK-XE167FM-48Fxxx  |     | [LQFP144] | (4029)       |
| Infinion | SAK-XE167FM-72Fxxx  |     | [LQFP144] | (4029)       |
| Infinion | SAK-XE167GM-48Fxxx  |     | [LQFP144] | (4029)       |
| Infinion | SAK-XE167GM-72Fxxx  |     | [LQFP144] | (4029)       |
| Infinion | SAK-XE167HM-48Fxxx  |     | [LQFP144] | (4029)       |
| Infinion | SAK-XE167HM-72Fxxx  |     | [LQFP144] | (4029)       |
| Infinion | SAK-XE167KM-48Fxxx  |     | [LQFP144] | (4029)       |
| Infinion | SAK-XE167KM-72Fxxx  |     | [LQFP144] | (4029)       |
| Infinion | SAK-XE169FH-136Fxxx |     | [LQFP176] | (4078)       |
| Infinion | SAK-XE169FH-200Fxxx |     | [LQFP176] | (4078)       |
| Infinion | SAL-XC866L-2FRx     | 3V  | [TSSOP38] | (884)        |
| Infinion | SAL-XC866L-2FRx     | 5V  | [TSSOP38] | (884)        |
| Infinion | SAL-XC866L-4FRx     | 3V  | [TSSOP38] | (884)        |
| Infinion | SAL-XC866L-4FRx     | 5V  | [TSSOP38] | (884)        |
| Infinion | SAL-XC886-6FFx      | 5V  | [TQFP48]  | (1070)       |
| Infinion | SAL-XC886-8FFx      | 5V  | [TQFP48]  | (1070)       |
| Infinion | SAL-XC886C-6FFx     | 5V  | [TQFP48]  | (1070)       |
| Infinion | SAL-XC886C-8FFx     | 5V  | [TQFP48]  | (1070)       |
| Infinion | SAL-XC886CLM-6FFx   | 5V  | [TQFP48]  | (1070)       |
| Infinion | SAL-XC886CLM-8FFx   | 5V  | [TQFP48]  | (1070)       |
| Infinion | SAL-XC886CM-6FFx    | 5V  | [TQFP48]  | (1070)       |
| Infinion | SAL-XC886CM-8FFx    | 5V  | [TQFP48]  | (1070)       |
| Infinion | SAL-XC886LM-6FFx    | 5V  | [TQFP48]  | (1070)       |
| Infinion | SAL-XC886LM-8FFx    | 5V  | (ISP-LIN) | (138) (9997) |
| Infinion | SAL-XC886LM-8FFx    | 5V  | [TQFP48]  | (1070)       |
| Infinion | SDA2506/-2/-5       |     |           |              |
| Infinion | SDA2516/-2/-5       |     |           |              |
| Infinion | SDA2516-5A2 [SOIC8] |     |           | (950)        |
| Infinion | SDA2526/-2/-5       |     |           |              |
| Infinion | SDA2546/-2/-5       |     |           |              |
| Infinion | SDA2586/-2/-5       |     |           |              |
| Infinion | SDA3526             |     |           |              |
| Infinion | SDA3546             |     |           |              |
| Infinion | SDA3586             |     |           |              |
| Infinion | SDA5451 [SDIP52]    |     |           | (87)         |
| Infinion | SDA5452 [SDIP52]    |     |           | (87)         |
| Infinion | SDA5453 [SDIP52]    |     |           | (87)         |
| Infinion | SDA5454 [SDIP52]    |     |           | (87)         |
| Infinion | SDA5455 [SDIP52]    |     |           | (87)         |
| Infinion | SDA5456 [SDIP52]    |     |           | (87)         |
| Infinion | SDA5457 [SDIP52]    |     |           | (87)         |
| Infinion | SDA545XOTP [SDIP52] |     |           | (87)         |
| Infinion | SDE2506A2           |     |           |              |
| Infinion | SDE2516A2           |     |           |              |
| Infinion | SDE2526-5A2 [SOIC8] |     |           | (950)        |
| Infinion | SDE2526A2           |     |           |              |
| Infinion | SDE25X26A2          |     |           |              |
| Infinion | SDE25X26A2 [SOIC8]  |     |           | (950)        |
| Infinion | SLA24C01            |     |           |              |
| Infinion | SLA24C01 (ISP)      |     |           | (138)        |
| Infinion | SLA24C01 [DS08]     |     |           | (950)        |
| Infinion | SLA24C02            |     |           |              |
| Infinion | SLA24C02 (ISP)      |     |           | (138)        |
| Infinion | SLA24C02 [DS08]     |     |           | (950)        |
| Infinion | SLA24C04            |     |           |              |
| Infinion | SLA24C04 (ISP)      |     |           | (138)        |
| Infinion | SLA24C04 [DS08]     |     |           | (950)        |
| Infinion | SLA24C08            |     |           |              |
| Infinion | SLA24C08 (ISP)      |     |           | (138)        |
| Infinion | SLA24C08 [DS08]     |     |           | (950)        |
| Infinion | SLA24C16            |     |           |              |
| Infinion | SLA24C16 (ISP)      |     |           | (138)        |
| Infinion | SLA24C16 [DS08]     |     |           | (950)        |
| Infinion | SLA24C164           |     |           |              |
| Infinion | SLA24C164 (ISP)     |     |           | (138)        |
| Infinion | SLA24C164 [DS08]    |     |           | (950)        |
| Infinion | SLA24C32            |     |           |              |
| Infinion | SLA24C32 (ISP)      |     |           | (138)        |
| Infinion | SLA24C32 [DS08]     |     |           | (950)        |
| Infinion | SLA24C64            |     |           |              |
| Infinion | SLA24C64 (ISP)      |     |           | (138)        |
| Infinion | SLA24C64 [DS08]     |     |           | (950)        |
| Infinion | SLA25010            |     |           |              |
| Infinion | SLA25010 (ISP)      |     |           | (138)        |

|          |                                        |               |
|----------|----------------------------------------|---------------|
| Infineon | SLA25020                               |               |
| Infineon | SLA25020 (ISP)                         | (138)         |
| Infineon | SLA25040                               |               |
| Infineon | SLA25040 (ISP)                         | (138)         |
| Infineon | SLA25080                               |               |
| Infineon | SLA25080 (ISP)                         | (138)         |
| Infineon | SLA25160                               |               |
| Infineon | SLA25160 (ISP)                         | (138)         |
| Infineon | SLE24C01                               |               |
| Infineon | SLE24C01 (ISP)                         | (138)         |
| Infineon | SLE24C01 [DS08]                        | (950)         |
| Infineon | SLE24C02                               |               |
| Infineon | SLE24C02 (ISP)                         | (138)         |
| Infineon | SLE24C02 [DS08]                        | (950)         |
| Infineon | SLE24C04                               |               |
| Infineon | SLE24C04 (ISP)                         | (138)         |
| Infineon | SLE24C04 [DS08]                        | (950)         |
| Infineon | SLE24C08                               |               |
| Infineon | SLE24C08 (ISP)                         | (138)         |
| Infineon | SLE24C08 [DS08]                        | (950)         |
| Infineon | SLE24C16                               |               |
| Infineon | SLE24C16 (ISP)                         | (138)         |
| Infineon | SLE24C16 [DS08]                        | (950)         |
| Infineon | SLE24C164                              |               |
| Infineon | SLE24C164 (ISP)                        | (138)         |
| Infineon | SLE24C164 [DS08]                       | (950)         |
| Infineon | SLE24C32                               |               |
| Infineon | SLE24C32 (ISP)                         | (138)         |
| Infineon | SLE24C32 [DS08]                        | (950)         |
| Infineon | SLE24C64                               |               |
| Infineon | SLE24C64 (ISP)                         | (138)         |
| Infineon | SLE24C64 [DS08]                        | (950)         |
| Infineon | SLE25010                               |               |
| Infineon | SLE25010 (ISP)                         | (138)         |
| Infineon | SLE25020                               |               |
| Infineon | SLE25020 (ISP)                         | (138)         |
| Infineon | SLE25040                               |               |
| Infineon | SLE25040 (ISP)                         | (138)         |
| Infineon | SLE25080                               |               |
| Infineon | SLE25080 (ISP)                         | (138)         |
| Infineon | SLE25160                               |               |
| Infineon | SLE25160 (ISP)                         | (138)         |
| Infineon | SP35 [DSOSP14]                         | (1468) (9999) |
| Infineon | SP37 (ISP)                             | (138) (9997)  |
| Infineon | SP37 [DSOSP14]                         | (1468)        |
| Infineon | SP370-25-106 (ISP)                     | (138) (9997)  |
| Infineon | SP370-25-106 [DSOSP14]                 | (1468)        |
| Infineon | SP370-25-116 (ISP)                     | (138) (9997)  |
| Infineon | SP370-25-116 [DSOSP14]                 | (1468)        |
| Infineon | SP370-25-156 (ISP)                     | (138) (9997)  |
| Infineon | SP370-25-156 [DSOSP14]                 | (1468)        |
| Infineon | TLE9832-2QV (ISP-LINBSL)               | (138) (9997)  |
| Infineon | TLE9832-2QV [VQFN48] (LINBSL)          | (3296) (9999) |
| Infineon | TLE9832-2QV [VQFN48] (UARTBSL)         | (3296) (9999) |
| Infineon | TLE9832-2QX (ISP-LINBSL)               | (138) (9997)  |
| Infineon | TLE9832-2QX [VQFN48] (LINBSL)          | (3296) (9999) |
| Infineon | TLE9832-2QX [VQFN48] (UARTBSL)         | (3296) (9999) |
| Infineon | TLE9832QV (ISP-LINBSL)                 | (138) (9997)  |
| Infineon | TLE9832QV [VQFN48] (LINBSL)            | (3296) (9999) |
| Infineon | TLE9832QV [VQFN48] (UARTBSL)           | (3296) (9999) |
| Infineon | TLE9832QX (ISP-LINBSL)                 | (138) (9997)  |
| Infineon | TLE9832QX [VQFN48] (LINBSL)            | (3296) (9999) |
| Infineon | TLE9832QX [VQFN48] (UARTBSL)           | (3296) (9999) |
| Infineon | TLE9834QX (ISP-LINBSL)                 | (138) (9997)  |
| Infineon | TLE9834QX [VQFN48] (LINBSL)            | (3296) (9999) |
| Infineon | TLE9834QX [VQFN48] (UARTBSL)           | (3296) (9999) |
| Infineon | TLE9842-2QX [VQFN48] (FastLIN BSL)     | (4197)        |
| Infineon | TLE9877QXA40-BF [VQFN48] (FastLIN BSL) | (4884)        |
| Infineon | TLE9877QXA40-BF [VQFN48] (UART BSL)    | (4884)        |
| Infineon | TLE9879QXA40-BF [VQFN48] (FastLIN BSL) | (4884)        |
| Infineon | TLE9879QXA40-BF [VQFN48] (UART BSL)    | (4884)        |
| Infineon | XMC1100-xxxxx0008AA [TSSOP16]          | (1088)        |
| Infineon | XMC1100-xxxxx0008AB [TSSOP16]          | (1088)        |
| Infineon | XMC1100-xxxxx0016AA [TSSOP16]          | (1088)        |
| Infineon | XMC1100-xxxxx0016AB [TSSOP16]          | (1088)        |
| Infineon | XMC1100-xxxxx0016AB [TSSOP38]          | (884)         |
| Infineon | XMC1100-xxxxx0016AB [TSSOP16]          | (1088)        |
| Infineon | XMC1100-xxxxx0016AB [TSSOP38]          | (884)         |
| Infineon | XMC1100-xxxxx0032AA [TSSOP16]          | (1088)        |
| Infineon | XMC1100-xxxxx0032AA [TSSOP38]          | (884)         |
| Infineon | XMC1100-xxxxx0032AB [TSSOP16]          | (1088)        |
| Infineon | XMC1100-xxxxx0032AB [TSSOP38]          | (884)         |
| Infineon | XMC1100-xxxxx0064AA [TSSOP16]          | (1088)        |
| Infineon | XMC1100-xxxxx0064AA [TSSOP38]          | (884)         |
| Infineon | XMC1100-xxxxx0064AB [TSSOP16]          | (1088)        |
| Infineon | XMC1100-xxxxx0064AB [TSSOP38]          | (884)         |
| Infineon | XMC1201-xxxxx0016AA [TSSOP28]          | (172)         |
| Infineon | XMC1201-xxxxx0016AA [TSSOP38]          | (884)         |
| Infineon | XMC1201-xxxxx0016AB [TSSOP28]          | (172)         |
| Infineon | XMC1201-xxxxx0016AB [TSSOP38]          | (884)         |
| Infineon | XMC1201-xxxxx0032AA [TSSOP28]          | (172)         |
| Infineon | XMC1201-xxxxx0032AA [TSSOP38]          | (884)         |
| Infineon | XMC1201-xxxxx0032AB [TSSOP28]          | (172)         |
| Infineon | XMC1201-xxxxx0032AB [TSSOP38]          | (884)         |
| Infineon | XMC1201-xxxxx0064AA [TSSOP38]          | (884)         |
| Infineon | XMC1201-xxxxx0064AB [TSSOP38]          | (884)         |
| Infineon | XMC1201-xxxxx0200AA [TSSOP38]          | (884)         |
| Infineon | XMC1201-xxxxx0200AB [TSSOP38]          | (884)         |
| Infineon | XMC1202-xxxxx0016AA [TSSOP16]          | (1088)        |
| Infineon | XMC1202-xxxxx0016AB [TSSOP16]          | (1088)        |
| Infineon | XMC1202-xxxxx0032AA [TSSOP16]          | (1088)        |
| Infineon | XMC1202-xxxxx0032AB [TSSOP16]          | (1088)        |
| Infineon | XMC1301-xxxxx0008AA [TSSOP16]          | (1088)        |
| Infineon | XMC1301-xxxxx0008AA [TSSOP38]          | (884)         |
| Infineon | XMC1301-xxxxx0008AB [TSSOP16]          | (1088)        |
| Infineon | XMC1301-xxxxx0008AB [TSSOP38]          | (884)         |
| Infineon | XMC1301-xxxxx0016AA [TSSOP16]          | (1088)        |
| Infineon | XMC1301-xxxxx0016AA [TSSOP38]          | (884)         |
| Infineon | XMC1301-xxxxx0016AB [TSSOP16]          | (1088)        |
| Infineon | XMC1301-xxxxx0016AB [TSSOP38]          | (884)         |
| Infineon | XMC1301-xxxxx0032AA [TSSOP38]          | (884)         |
| Infineon | XMC1301-xxxxx0032AB [TSSOP38]          | (884)         |
| Infineon | XMC1302-xxxxx0008AA (ISP)              | (138) (9997)  |
| Infineon | XMC1302-xxxxx0008AA [TSSOP16]          | (1088)        |
| Infineon | XMC1302-xxxxx0008AB (ISP)              | (138) (9997)  |
| Infineon | XMC1302-xxxxx0008AB [TSSOP16]          | (1088)        |
| Infineon | XMC1302-xxxxx0016AA (ISP)              | (138) (9997)  |
| Infineon | XMC1302-xxxxx0016AA [TSSOP16]          | (1088)        |
| Infineon | XMC1302-xxxxx0016AB (ISP)              | (138) (9997)  |
| Infineon | XMC1302-xxxxx0016AB [TSSOP16]          | (1088)        |
| Infineon | XMC1302-xxxxx0032AA (ISP)              | (138) (9997)  |
| Infineon | XMC1302-xxxxx0032AA [TSSOP16]          | (1088)        |
| Infineon | XMC1302-xxxxx0032AA [TSSOP38]          | (884)         |
| Infineon | XMC1302-xxxxx0032AB (ISP)              | (138) (9997)  |
| Infineon | XMC1302-xxxxx0032AB [TSSOP16]          | (1088)        |
| Infineon | XMC1302-xxxxx0032AB [TSSOP38]          | (884)         |
| Infineon | XMC1302-xxxxx0064AA (ISP)              | (138) (9997)  |

|               |                             |           |              |
|---------------|-----------------------------|-----------|--------------|
| Infinion      | XMC1302-xxxxx0064AA         | [TSSOP38] | (884)        |
| Infinion      | XMC1302-xxxxx0064AB         | (ISP)     | (138) (9997) |
| Infinion      | XMC1302-xxxxx0064AB         | [TSSOP38] | (884)        |
| Infinion      | XMC1302-xxxxx0128AA         | (ISP)     | (138) (9997) |
| Infinion      | XMC1302-xxxxx0128AB         | (ISP)     | (138) (9997) |
| Infinion      | XMC1302-xxxxx0200AA         | (ISP)     | (138) (9997) |
| Infinion      | XMC1302-xxxxx0200AA         | [TSSOP38] | (884)        |
| Infinion      | XMC1302-xxxxx0200AB         | (ISP)     | (138) (9997) |
| Infinion      | XMC1302-xxxxx0200AB         | [TSSOP38] | (884)        |
| Infinion      | XMC1401-xxxxx0064AA         | [LQFP64]  | (4418)       |
| Infinion      | XMC1401-xxxxx0128AA         | [LQFP64]  | (4418)       |
| Infinion      | XMC1402-xxxxx0064AA         | [LQFP64]  | (4418)       |
| Infinion      | XMC1402-xxxxx0128AA         | [LQFP64]  | (4418)       |
| Infinion      | XMC1402-xxxxx0200AA         | [LQFP64]  | (4418)       |
| Infinion      | XMC1403-xxxxx0064AA         | [LQFP64]  | (4418)       |
| Infinion      | XMC1403-xxxxx0128AA         | [LQFP64]  | (4418)       |
| Infinion      | XMC1403-xxxxx0200AA         | [LQFP64]  | (4418)       |
| Infinion      | XMC1404-xxxxx0064AA         | [LQFP64]  | (4418)       |
| Infinion      | XMC1404-xxxxx0128AA         | [LQFP64]  | (4418)       |
| Infinion      | XMC1404-xxxxx0200AA         | [LQFP64]  | (4418)       |
| Infinion      | XMC4100-xxxxx128            | [LQFP64]  | (3488)       |
| Infinion      | XMC4104-xxxxx128            | [LQFP64]  | (3488)       |
| Infinion      | XMC4104-xxxxx64             | [LQFP64]  | (3488)       |
| Infinion      | XMC4108-xxxxx64             | [LQFP64]  | (3488)       |
| Infinion      | XMC4200-xxxxx256            | [LQFP64]  | (3488)       |
| Infinion      | XMC4400-xxxxx256            | [LQFP100] | (3489)       |
| Infinion      | XMC4400-xxxxx256            | [LQFP64]  | (3488)       |
| Infinion      | XMC4400-xxxxx512            | [LQFP100] | (3489)       |
| Infinion      | XMC4400-xxxxx512            | [LQFP64]  | (3488)       |
| Infinion      | XMC4402-xxxxx256            | [LQFP100] | (3489)       |
| Infinion      | XMC4402-xxxxx256            | [LQFP64]  | (3488)       |
| Infinion      | XMC4500-xxxxx1024           | [LQFP100] | (3489)       |
| Infinion      | XMC4500-xxxxx1024           | [LQFP144] | (3490)       |
| Infinion      | XMC4500-xxxxx768            | [LQFP100] | (3489)       |
| Infinion      | XMC4502-xxxxx768            | [LQFP100] | (3489)       |
| Infinion      | XMC4504-xxxxx512            | [LQFP100] | (3489)       |
| Infinion      | XMC4700-xxxxx1536           | [LQFP100] | (3489)       |
| Infinion      | XMC4700-xxxxx2048           | [LQFP100] | (3489)       |
| Infinion      | XMC4700-xxxxx2048           | [LQFP144] | (3490)       |
| Infinion      | XMC4800-xxxxx1024           | [LQFP100] | (3489)       |
| Infinion      | XMC4800-xxxxx1536           | [LQFP100] | (3489)       |
| Infinion      | XMC4800-xxxxx2048           | [LQFP100] | (3489)       |
| Innovative    | IM1225Y                     |           |              |
| Innovative    | IM1230Y                     |           |              |
| Innovative    | IM1243                      |           |              |
| Innovative    | IM1244                      |           |              |
| Innovative    | IM1245Y                     |           |              |
| Innovative    | IM1248                      |           |              |
| Innovative    | IM1249Y                     |           |              |
| Innovative    | IM1250Y                     |           |              |
| Innovative    | IM1251                      |           |              |
| Innovative    | IM1265Y                     |           |              |
| Innovative    | IM1386 (32Kx8)              |           |              |
| Innovative    | IM1386 (8Kx8)               |           |              |
| Innovative    | IM1486Y                     |           |              |
| Innovative    | IM1643                      |           |              |
| Innovative    | IM1644                      |           |              |
| Innovative    | IM1646                      |           |              |
| Inside Secure | AT90SCR100H (ISP-JTAG)      |           | (138) (9999) |
| Inside Secure | AT90SCR100H [QFN64]         |           | (2670)       |
| Inside Secure | AT90SCR100LSD [QFN32] (SPI) |           | (4280)       |
| Inside Secure | AT90SCR200H [QFN64]         |           | (4742)       |
| Inside Secure | AT90SCR200LSD [QFN32] (SPI) |           | (4280)       |
| Integral      | IN24AA02A                   |           |              |
| Integral      | IN24AA02A (ISP)             |           | (138)        |
| Integral      | IN24AA02A [SOIC8]           |           | (950)        |
| Integral      | IN24AA02B                   |           |              |
| Integral      | IN24AA02B (ISP)             |           | (138)        |
| Integral      | IN24AA02B [SOIC8]           |           | (950)        |
| Integral      | IN24LC02B                   |           |              |
| Integral      | IN24LC02B (ISP)             |           | (138)        |
| Integral      | IN24LC02B [SOIC8]           |           | (950)        |
| Integral      | IN24LC04B                   |           |              |
| Integral      | IN24LC04B (ISP)             |           | (138)        |
| Integral      | IN24LC04B [SOIC8]           |           | (950)        |
| Integral      | IN24LC08B                   |           |              |
| Integral      | IN24LC08B (ISP)             |           | (138)        |
| Integral      | IN24LC08B [SOIC8]           |           | (950)        |
| Integral      | IN24LC16B                   |           |              |
| Integral      | IN24LC16B (ISP)             |           | (138)        |
| Integral      | IN24LC16B [SOIC8]           |           | (950)        |
| Integral      | IN25AA020                   |           |              |
| Integral      | IN25AA020 (ISP)             |           | (138)        |
| Integral      | IN25AA020 [SOIC8]           |           | (950)        |
| Integral      | IN25AA040                   |           |              |
| Integral      | IN25AA040 (ISP)             |           | (138)        |
| Integral      | IN25AA040 [SOIC8]           |           | (950)        |
| Integral      | IN93AA46A                   |           |              |
| Integral      | IN93AA46A (ISP)             |           | (138)        |
| Integral      | IN93AA46A [SOIC8]           |           | (950)        |
| Integral      | IN93AA46B                   |           |              |
| Integral      | IN93AA46B (ISP)             |           | (138)        |
| Integral      | IN93AA46B [SOIC8]           |           | (950)        |
| Integral      | IN93AA46C (x16)             |           |              |
| Integral      | IN93AA46C (x16) (ISP)       |           | (138)        |
| Integral      | IN93AA46C (x16) [SOIC8]     |           | (950)        |
| Integral      | IN93AA46C (x8)              |           |              |
| Integral      | IN93AA46C (x8) (ISP)        |           | (138)        |
| Integral      | IN93AA46C (x8) [SOIC8]      |           | (950)        |
| Integral      | IN93AA56A                   |           |              |
| Integral      | IN93AA56A (ISP)             |           | (138)        |
| Integral      | IN93AA56A [SOIC8]           |           | (950)        |
| Integral      | IN93AA56B                   |           |              |
| Integral      | IN93AA56B (ISP)             |           | (138)        |
| Integral      | IN93AA56B [SOIC8]           |           | (950)        |
| Integral      | IN93AA56C (x16)             |           |              |
| Integral      | IN93AA56C (x16) (ISP)       |           | (138)        |
| Integral      | IN93AA56C (x16) [SOIC8]     |           | (950)        |
| Integral      | IN93AA56C (x8)              |           |              |
| Integral      | IN93AA56C (x8) (ISP)        |           | (138)        |
| Integral      | IN93AA56C (x8) [SOIC8]      |           | (950)        |
| Integral      | IN93AA66A                   |           |              |
| Integral      | IN93AA66A (ISP)             |           | (138)        |
| Integral      | IN93AA66A [SOIC8]           |           | (950)        |
| Integral      | IN93AA66B                   |           |              |
| Integral      | IN93AA66B (ISP)             |           | (138)        |
| Integral      | IN93AA66B [SOIC8]           |           | (950)        |
| Integral      | IN93AA66C (x16)             |           |              |
| Integral      | IN93AA66C (x16) (ISP)       |           | (138)        |
| Integral      | IN93AA66C (x16) [SOIC8]     |           | (950)        |
| Integral      | IN93AA66C (x8)              |           |              |
| Integral      | IN93AA66C (x8) (ISP)        |           | (138)        |
| Integral      | IN93AA66C (x8) [SOIC8]      |           | (950)        |
| Integral      | IN93AA86A                   |           |              |
| Integral      | IN93AA86A (ISP)             |           | (138)        |
| Integral      | IN93AA86A [SOIC8]           |           | (950)        |
| Integral      | IN93AA86B                   |           |              |
| Integral      | IN93AA86B (ISP)             |           | (138)        |

|          |              |                  |        |
|----------|--------------|------------------|--------|
| Integral | IN93AA86B    | [SOIC8]          | (950)  |
| Integral | IN93AA86C    | (x16)            |        |
| Integral | IN93AA86C    | (x16) (ISP)      | (138)  |
| Integral | IN93AA86C    | (x16) [SOIC8]    | (950)  |
| Integral | IN93AA86C    | (x8)             |        |
| Integral | IN93AA86C    | (x8) (ISP)       | (138)  |
| Integral | IN93AA86C    | (x8) [SOIC8]     | (950)  |
| Integral | IN93LC46A    |                  |        |
| Integral | IN93LC46A    | (ISP)            | (138)  |
| Integral | IN93LC46A    | [SOIC8]          | (950)  |
| Integral | IN93LC46B    |                  |        |
| Integral | IN93LC46B    | (ISP)            | (138)  |
| Integral | IN93LC46B    | [SOIC8]          | (950)  |
| Integral | IN93LC46C    | (x16)            |        |
| Integral | IN93LC46C    | (x16) (ISP)      | (138)  |
| Integral | IN93LC46C    | (x16) [SOIC8]    | (950)  |
| Integral | IN93LC46C    | (x8)             |        |
| Integral | IN93LC46C    | (x8) (ISP)       | (138)  |
| Integral | IN93LC46C    | (x8) [SOIC8]     | (950)  |
| Integral | INA2586      |                  |        |
| Integral | INF85116     |                  |        |
| Integral | INF8582E     |                  |        |
| Intel    | 10AX066xxF34 | [FBGA1152] (Jam) | (4841) |
| Intel    | 10AX090xxF34 | [FBGA1152] (Jam) | (4841) |
| Intel    | 10M02DC      | [UBGA324]        | (3929) |
| Intel    | 10M02DC      | [UBGA324] (Jam)  | (3929) |
| Intel    | 10M02DC      | [UBGA324] (SVF)  | (3929) |
| Intel    | 10M02SC      | [EQFP144]        | (4198) |
| Intel    | 10M02SC      | [EQFP144] (Jam)  | (4198) |
| Intel    | 10M02SC      | [EQFP144] (SVF)  | (4198) |
| Intel    | 10M02SC      | [MBGA153]        | (3928) |
| Intel    | 10M02SC      | [MBGA153] (Jam)  | (3928) |
| Intel    | 10M02SC      | [MBGA153] (SVF)  | (3928) |
| Intel    | 10M02SC      | [UBGA169]        | (3670) |
| Intel    | 10M02SC      | [UBGA169] (Jam)  | (3670) |
| Intel    | 10M02SC      | [UBGA169] (SVF)  | (3670) |
| Intel    | 10M02SC      | [UBGA324]        | (4763) |
| Intel    | 10M02SC      | [UBGA324] (Jam)  | (4763) |
| Intel    | 10M02SC      | [UBGA324] (SVF)  | (4763) |
| Intel    | 10M04DA      | [FBGA256]        | (4192) |
| Intel    | 10M04DA      | [FBGA256] (Jam)  | (4192) |
| Intel    | 10M04DA      | [FBGA256] (SVF)  | (4192) |
| Intel    | 10M04DA      | [UBGA324]        | (3929) |
| Intel    | 10M04DA      | [UBGA324] (Jam)  | (3929) |
| Intel    | 10M04DA      | [UBGA324] (SVF)  | (3929) |
| Intel    | 10M04DC      | [FBGA256]        | (4192) |
| Intel    | 10M04DC      | [FBGA256] (Jam)  | (4192) |
| Intel    | 10M04DC      | [FBGA256] (SVF)  | (4192) |
| Intel    | 10M04DC      | [UBGA324]        | (3929) |
| Intel    | 10M04DC      | [UBGA324] (Jam)  | (3929) |
| Intel    | 10M04DC      | [UBGA324] (SVF)  | (3929) |
| Intel    | 10M04SA      | [EQFP144]        | (4199) |
| Intel    | 10M04SA      | [EQFP144] (Jam)  | (4199) |
| Intel    | 10M04SA      | [EQFP144] (SVF)  | (4199) |
| Intel    | 10M04SA      | [MBGA153]        | (3928) |
| Intel    | 10M04SA      | [MBGA153] (Jam)  | (3928) |
| Intel    | 10M04SA      | [MBGA153] (SVF)  | (3928) |
| Intel    | 10M04SA      | [UBGA169]        | (3670) |
| Intel    | 10M04SA      | [UBGA169] (Jam)  | (3670) |
| Intel    | 10M04SA      | [UBGA169] (SVF)  | (3670) |
| Intel    | 10M04SA      | [UBGA324]        | (4763) |
| Intel    | 10M04SA      | [UBGA324] (Jam)  | (4763) |
| Intel    | 10M04SA      | [UBGA324] (SVF)  | (4763) |
| Intel    | 10M04SC      | [EQFP144]        | (4199) |
| Intel    | 10M04SC      | [EQFP144] (Jam)  | (4199) |
| Intel    | 10M04SC      | [EQFP144] (SVF)  | (4199) |
| Intel    | 10M04SC      | [MBGA153]        | (3928) |
| Intel    | 10M04SC      | [MBGA153] (Jam)  | (3928) |
| Intel    | 10M04SC      | [MBGA153] (SVF)  | (3928) |
| Intel    | 10M04SC      | [UBGA169]        | (3670) |
| Intel    | 10M04SC      | [UBGA169] (Jam)  | (3670) |
| Intel    | 10M04SC      | [UBGA169] (SVF)  | (3670) |
| Intel    | 10M04SC      | [UBGA324]        | (4763) |
| Intel    | 10M04SC      | [UBGA324] (Jam)  | (4763) |
| Intel    | 10M04SC      | [UBGA324] (SVF)  | (4763) |
| Intel    | 10M08DA      | [FBGA256]        | (4192) |
| Intel    | 10M08DA      | [FBGA256] (Jam)  | (4192) |
| Intel    | 10M08DA      | [FBGA256] (SVF)  | (4192) |
| Intel    | 10M08DA      | [FBGA484]        | (3631) |
| Intel    | 10M08DA      | [FBGA484] (Jam)  | (3631) |
| Intel    | 10M08DA      | [FBGA484] (SVF)  | (3631) |
| Intel    | 10M08DA      | [UBGA324]        | (3929) |
| Intel    | 10M08DA      | [UBGA324] (Jam)  | (3929) |
| Intel    | 10M08DA      | [UBGA324] (SVF)  | (3929) |
| Intel    | 10M08DC      | [FBGA256]        | (4192) |
| Intel    | 10M08DC      | [FBGA256] (Jam)  | (4192) |
| Intel    | 10M08DC      | [FBGA256] (SVF)  | (4192) |
| Intel    | 10M08DC      | [FBGA484]        | (3631) |
| Intel    | 10M08DC      | [FBGA484] (Jam)  | (3631) |
| Intel    | 10M08DC      | [FBGA484] (SVF)  | (3631) |
| Intel    | 10M08DC      | [UBGA324]        | (3929) |
| Intel    | 10M08DC      | [UBGA324] (Jam)  | (3929) |
| Intel    | 10M08DC      | [UBGA324] (SVF)  | (3929) |
| Intel    | 10M08SA      | [EQFP144]        | (4199) |
| Intel    | 10M08SA      | [EQFP144] (Jam)  | (4199) |
| Intel    | 10M08SA      | [EQFP144] (SVF)  | (4199) |
| Intel    | 10M08SA      | [MBGA153]        | (3928) |
| Intel    | 10M08SA      | [MBGA153] (Jam)  | (3928) |
| Intel    | 10M08SA      | [MBGA153] (SVF)  | (3928) |
| Intel    | 10M08SA      | [UBGA169]        | (3670) |
| Intel    | 10M08SA      | [UBGA169] (Jam)  | (3670) |
| Intel    | 10M08SA      | [UBGA169] (SVF)  | (3670) |
| Intel    | 10M08SA      | [UBGA324]        | (4763) |
| Intel    | 10M08SA      | [UBGA324] (Jam)  | (4763) |
| Intel    | 10M08SA      | [UBGA324] (SVF)  | (4763) |
| Intel    | 10M08SC      | [EQFP144]        | (4199) |
| Intel    | 10M08SC      | [EQFP144] (Jam)  | (4199) |
| Intel    | 10M08SC      | [EQFP144] (SVF)  | (4199) |
| Intel    | 10M08SC      | [MBGA153]        | (3928) |
| Intel    | 10M08SC      | [MBGA153] (Jam)  | (3928) |
| Intel    | 10M08SC      | [MBGA153] (SVF)  | (3928) |
| Intel    | 10M08SC      | [UBGA169]        | (3670) |
| Intel    | 10M08SC      | [UBGA169] (Jam)  | (3670) |
| Intel    | 10M08SC      | [UBGA169] (SVF)  | (3670) |
| Intel    | 10M08SC      | [UBGA324]        | (4763) |
| Intel    | 10M08SC      | [UBGA324] (Jam)  | (4763) |
| Intel    | 10M08SC      | [UBGA324] (SVF)  | (4763) |
| Intel    | 10M16DA      | [FBGA256]        | (4192) |
| Intel    | 10M16DA      | [FBGA256] (Jam)  | (4192) |
| Intel    | 10M16DA      | [FBGA256] (SVF)  | (4192) |
| Intel    | 10M16DA      | [FBGA484]        | (3631) |
| Intel    | 10M16DA      | [FBGA484] (Jam)  | (3631) |
| Intel    | 10M16DA      | [FBGA484] (SVF)  | (3631) |
| Intel    | 10M16DA      | [UBGA324]        | (3929) |
| Intel    | 10M16DA      | [UBGA324] (Jam)  | (3929) |
| Intel    | 10M16DA      | [UBGA324] (SVF)  | (3929) |
| Intel    | 10M16DC      | [FBGA256]        | (4192) |
| Intel    | 10M16DC      | [FBGA256] (Jam)  | (4192) |

|       |            |           |        |        |
|-------|------------|-----------|--------|--------|
| Intel | 10M16DC    | [FBGA256] | (SVF)  | (4192) |
| Intel | 10M16DC    | [FBGA484] |        | (3631) |
| Intel | 10M16DC    | [FBGA484] | (Jam)  | (3631) |
| Intel | 10M16DC    | [FBGA484] | (SVF)  | (3631) |
| Intel | 10M16DC    | [UBGA324] |        | (3929) |
| Intel | 10M16DC    | [UBGA324] | (Jam)  | (3929) |
| Intel | 10M16DC    | [UBGA324] | (SVF)  | (3929) |
| Intel | 10M16SA    | [EQFP144] |        | (4199) |
| Intel | 10M16SA    | [EQFP144] | (Jam)  | (4199) |
| Intel | 10M16SA    | [EQFP144] | (SVF)  | (4199) |
| Intel | 10M16SA    | [UBGA169] |        | (3670) |
| Intel | 10M16SA    | [UBGA169] | (Jam)  | (3670) |
| Intel | 10M16SA    | [UBGA169] | (SVF)  | (3670) |
| Intel | 10M16SA    | [UBGA324] |        | (4763) |
| Intel | 10M16SA    | [UBGA324] | (Jam)  | (4763) |
| Intel | 10M16SA    | [UBGA324] | (SVF)  | (4763) |
| Intel | 10M16SC    | [EQFP144] |        | (4199) |
| Intel | 10M16SC    | [EQFP144] | (Jam)  | (4199) |
| Intel | 10M16SC    | [EQFP144] | (SVF)  | (4199) |
| Intel | 10M16SC    | [UBGA169] |        | (3670) |
| Intel | 10M16SC    | [UBGA169] | (Jam)  | (3670) |
| Intel | 10M16SC    | [UBGA169] | (SVF)  | (3670) |
| Intel | 10M16SC    | [UBGA324] |        | (4763) |
| Intel | 10M16SC    | [UBGA324] | (Jam)  | (4763) |
| Intel | 10M16SC    | [UBGA324] | (SVF)  | (4763) |
| Intel | 10M25DA    | [FBGA256] |        | (4192) |
| Intel | 10M25DA    | [FBGA256] | (Jam)  | (4192) |
| Intel | 10M25DA    | [FBGA256] | (SVF)  | (4192) |
| Intel | 10M25DA    | [FBGA484] |        | (3631) |
| Intel | 10M25DA    | [FBGA484] | (Jam)  | (3631) |
| Intel | 10M25DA    | [FBGA484] | (SVF)  | (3631) |
| Intel | 10M25DC    | [FBGA256] |        | (4192) |
| Intel | 10M25DC    | [FBGA256] | (Jam)  | (4192) |
| Intel | 10M25DC    | [FBGA256] | (SVF)  | (4192) |
| Intel | 10M25DC    | [FBGA484] |        | (3631) |
| Intel | 10M25DC    | [FBGA484] | (Jam)  | (3631) |
| Intel | 10M25DC    | [FBGA484] | (SVF)  | (3631) |
| Intel | 10M25SA    | [EQFP144] |        | (4199) |
| Intel | 10M25SA    | [EQFP144] | (Jam)  | (4199) |
| Intel | 10M25SA    | [EQFP144] | (SVF)  | (4199) |
| Intel | 10M25SC    | [EQFP144] |        | (4199) |
| Intel | 10M25SC    | [EQFP144] | (Jam)  | (4199) |
| Intel | 10M25SC    | [EQFP144] | (SVF)  | (4199) |
| Intel | 10M40DA    | [FBGA256] |        | (4192) |
| Intel | 10M40DA    | [FBGA256] | (Jam)  | (4192) |
| Intel | 10M40DA    | [FBGA256] | (SVF)  | (4192) |
| Intel | 10M40DA    | [FBGA484] |        | (3631) |
| Intel | 10M40DA    | [FBGA484] | (Jam)  | (3631) |
| Intel | 10M40DA    | [FBGA484] | (SVF)  | (3631) |
| Intel | 10M40DC    | [FBGA256] |        | (4192) |
| Intel | 10M40DC    | [FBGA256] | (Jam)  | (4192) |
| Intel | 10M40DC    | [FBGA256] | (SVF)  | (4192) |
| Intel | 10M40DC    | [FBGA484] |        | (3631) |
| Intel | 10M40DC    | [FBGA484] | (Jam)  | (3631) |
| Intel | 10M40DC    | [FBGA484] | (SVF)  | (3631) |
| Intel | 10M50DA    | [FBGA256] |        | (4192) |
| Intel | 10M50DA    | [FBGA256] | (Jam)  | (4192) |
| Intel | 10M50DA    | [FBGA256] | (SVF)  | (4192) |
| Intel | 10M50DA    | [FBGA484] |        | (3631) |
| Intel | 10M50DA    | [FBGA484] | (Jam)  | (3631) |
| Intel | 10M50DA    | [FBGA484] | (SVF)  | (3631) |
| Intel | 10M50DC    | [FBGA256] |        | (4192) |
| Intel | 10M50DC    | [FBGA256] | (Jam)  | (4192) |
| Intel | 10M50DC    | [FBGA256] | (SVF)  | (4192) |
| Intel | 10M50DC    | [FBGA484] |        | (3631) |
| Intel | 10M50DC    | [FBGA484] | (Jam)  | (3631) |
| Intel | 10M50DC    | [FBGA484] | (SVF)  | (3631) |
| Intel | 27010      |           |        |        |
| Intel | 27011      |           |        |        |
| Intel | 2704       |           |        | (2)    |
| Intel | 2708       |           |        | (2)    |
| Intel | 27128      |           |        |        |
| Intel | 27128A     |           |        |        |
| Intel | 27128B     |           |        |        |
| Intel | 2716       |           |        |        |
| Intel | 27210      |           |        |        |
| Intel | 27256      |           |        |        |
| Intel | 2732       |           |        |        |
| Intel | 2732A      |           |        |        |
| Intel | 27512      |           |        |        |
| Intel | 27512      | [PLCC32]  |        | (59)   |
| Intel | 27513      |           |        |        |
| Intel | 2758       |           |        |        |
| Intel | 2764       |           |        |        |
| Intel | 2764A      |           |        |        |
| Intel | 27C010     |           |        |        |
| Intel | 27C010     | [PLCC32]  |        | (59)   |
| Intel | 27C010A    |           |        |        |
| Intel | 27C010A    | [PLCC32]  |        | (59)   |
| Intel | 27C011     |           |        |        |
| Intel | 27C020     |           |        |        |
| Intel | 27C020     | [PLCC32]  |        | (59)   |
| Intel | 27C040     |           |        |        |
| Intel | 27C040     | [PLCC32]  |        | (59)   |
| Intel | 27C080     |           |        |        |
| Intel | 27C100     |           |        |        |
| Intel | 27C128     |           |        |        |
| Intel | 27C128     | [PLCC32]  |        | (59)   |
| Intel | 27C210     |           |        |        |
| Intel | 27C210     | [PLCC44]  |        | (67)   |
| Intel | 27C220     |           |        |        |
| Intel | 27C220     | [PLCC44]  |        | (67)   |
| Intel | 27C240     |           |        |        |
| Intel | 27C256     |           |        |        |
| Intel | 27C256     | [PLCC32]  |        | (59)   |
| Intel | 27C400     |           |        |        |
| Intel | 27C512     |           |        |        |
| Intel | 27C512     | [PLCC32]  |        | (59)   |
| Intel | 27C513     |           |        |        |
| Intel | 27C64      |           |        |        |
| Intel | 27C64      | [PLCC32]  |        | (59)   |
| Intel | 2817A      |           |        |        |
| Intel | 28F008BX-B | [TSOP40]  |        | (1368) |
| Intel | 28F008BX-T | [TSOP40]  |        | (1368) |
| Intel | 28F800BX-B | [PSOP44]  |        | (1356) |
| Intel | 28F800BX-T | [PSOP44]  |        | (1356) |
| Intel | 36MY1EE    | [SCSP133] |        | (1555) |
| Intel | 36MY1EE    | [SCSP133] | (BEFP) | (1555) |
| Intel | 36MY1EF    | [SCSP133] |        | (1555) |
| Intel | 36MY1EF    | [SCSP133] | (BEFP) | (1555) |
| Intel | 36MY1EG    | [SCSP133] |        | (1555) |
| Intel | 36MY1EG    | [SCSP133] | (BEFP) | (1555) |
| Intel | 36MY1EH    | [SCSP133] |        | (1555) |
| Intel | 36MY1EH    | [SCSP133] | (BEFP) | (1555) |
| Intel | 37MY1EE    | [SCSP133] |        | (1555) |
| Intel | 37MY1EE    | [SCSP133] | (BEFP) | (1555) |
| Intel | 56MY1EE    | [SCSP133] |        | (1555) |
| Intel | 56MY1EE    | [SCSP133] | (BEFP) | (1555) |



|       |         |                  |              |
|-------|---------|------------------|--------------|
| Intel | 57MY1EE | [SCSP133]        | (1555)       |
| Intel | 57MY1EE | [SCSP133] (BEFP) | (1555)       |
| Intel | 5AC312  |                  |              |
| Intel | 5AC324  |                  |              |
| Intel | 5C031   |                  |              |
| Intel | 5C032   |                  |              |
| Intel | 5C060   |                  |              |
| Intel | 5C060   | [PLCC28]         | (48)         |
| Intel | 5C090   |                  |              |
| Intel | 5C090   | [PLCC44]         | (67)         |
| Intel | 5C180   | [PLCC68]         | (784)        |
| Intel | 5CEBA2  | [FBGA256] (Jam)  | (4755)       |
| Intel | 5CEBA4  | [FBGA256] (Jam)  | (4755)       |
| Intel | 5M1270Z | [FBGA256]        | (2562)       |
| Intel | 5M1270Z | [FBGA256] (ISP)  | (138) (9997) |
| Intel | 5M1270Z | [FBGA256] (Jam)  | (2562)       |
| Intel | 5M1270Z | [FBGA256] (SVF)  | (2562)       |
| Intel | 5M1270Z | [FBGA324]        | (2751)       |
| Intel | 5M1270Z | [FBGA324] (ISP)  | (138) (9997) |
| Intel | 5M1270Z | [FBGA324] (Jam)  | (2751)       |
| Intel | 5M1270Z | [FBGA324] (SVF)  | (2751)       |
| Intel | 5M1270Z | [TQFP144]        | (2396)       |
| Intel | 5M1270Z | [TQFP144] (ISP)  | (138) (9997) |
| Intel | 5M1270Z | [TQFP144] (Jam)  | (2396)       |
| Intel | 5M1270Z | [TQFP144] (SVF)  | (2396)       |
| Intel | 5M160Z  | (ISP)            | (138) (9997) |
| Intel | 5M160Z  | [EQFP64]         | (2395)       |
| Intel | 5M160Z  | [EQFP64] (Jam)   | (2395)       |
| Intel | 5M160Z  | [EQFP64] (SVF)   | (2395)       |
| Intel | 5M160Z  | [MBGA100]        | (2649)       |
| Intel | 5M160Z  | [MBGA100] (Jam)  | (2649)       |
| Intel | 5M160Z  | [MBGA100] (SVF)  | (2649)       |
| Intel | 5M160Z  | [MBGA68]         | (2752)       |
| Intel | 5M160Z  | [MBGA68] (Jam)   | (2752)       |
| Intel | 5M160Z  | [MBGA68] (SVF)   | (2752)       |
| Intel | 5M160Z  | [TQFP100]        | (2394)       |
| Intel | 5M160Z  | [TQFP100] (Jam)  | (2394)       |
| Intel | 5M160Z  | [TQFP100] (SVF)  | (2394)       |
| Intel | 5M2210Z | (ISP)            | (138) (9997) |
| Intel | 5M2210Z | [FBGA256]        | (2562)       |
| Intel | 5M2210Z | [FBGA256] (Jam)  | (2562)       |
| Intel | 5M2210Z | [FBGA256] (SVF)  | (2562)       |
| Intel | 5M2210Z | [FBGA324]        | (2751)       |
| Intel | 5M2210Z | [FBGA324] (Jam)  | (2751)       |
| Intel | 5M2210Z | [FBGA324] (SVF)  | (2751)       |
| Intel | 5M240Z  | [MBGA100]        | (2649)       |
| Intel | 5M240Z  | [MBGA100] (ISP)  | (138) (9997) |
| Intel | 5M240Z  | [MBGA100] (Jam)  | (2649)       |
| Intel | 5M240Z  | [MBGA100] (SVF)  | (2649)       |
| Intel | 5M240Z  | [MBGA68]         | (2752)       |
| Intel | 5M240Z  | [MBGA68] (ISP)   | (138) (9997) |
| Intel | 5M240Z  | [MBGA68] (Jam)   | (2752)       |
| Intel | 5M240Z  | [MBGA68] (SVF)   | (2752)       |
| Intel | 5M240Z  | [TQFP100]        | (2394)       |
| Intel | 5M240Z  | [TQFP100] (ISP)  | (138) (9997) |
| Intel | 5M240Z  | [TQFP100] (Jam)  | (2394)       |
| Intel | 5M240Z  | [TQFP100] (SVF)  | (2394)       |
| Intel | 5M240Z  | [TQFP144]        | (2396)       |
| Intel | 5M240Z  | [TQFP144] (ISP)  | (138) (9997) |
| Intel | 5M240Z  | [TQFP144] (Jam)  | (2396)       |
| Intel | 5M240Z  | [TQFP144] (SVF)  | (2396)       |
| Intel | 5M40Z   | (ISP)            | (138) (9997) |
| Intel | 5M40Z   | [EQFP64]         | (2395)       |
| Intel | 5M40Z   | [EQFP64] (Jam)   | (2395)       |
| Intel | 5M40Z   | [EQFP64] (SVF)   | (2395)       |
| Intel | 5M570Z  | (ISP)            | (138) (9997) |
| Intel | 5M570Z  | [FBGA256]        | (2562)       |
| Intel | 5M570Z  | [FBGA256] (Jam)  | (2562)       |
| Intel | 5M570Z  | [FBGA256] (SVF)  | (2562)       |
| Intel | 5M570Z  | [MBGA100]        | (2649)       |
| Intel | 5M570Z  | [MBGA100] (Jam)  | (2649)       |
| Intel | 5M570Z  | [MBGA100] (SVF)  | (2649)       |
| Intel | 5M570Z  | [TQFP100]        | (2394)       |
| Intel | 5M570Z  | [TQFP100] (Jam)  | (2394)       |
| Intel | 5M570Z  | [TQFP100] (SVF)  | (2394)       |
| Intel | 5M570Z  | [TQFP144]        | (2396)       |
| Intel | 5M570Z  | [TQFP144] (Jam)  | (2396)       |
| Intel | 5M570Z  | [TQFP144] (SVF)  | (2396)       |
| Intel | 5M80Z   | (ISP)            | (138) (9997) |
| Intel | 5M80Z   | [EQFP64]         | (2395)       |
| Intel | 5M80Z   | [EQFP64] (Jam)   | (2395)       |
| Intel | 5M80Z   | [EQFP64] (SVF)   | (2395)       |
| Intel | 5M80Z   | [MBGA68]         | (2752)       |
| Intel | 5M80Z   | [MBGA68] (Jam)   | (2752)       |
| Intel | 5M80Z   | [MBGA68] (SVF)   | (2752)       |
| Intel | 5M80Z   | [TQFP100]        | (2394)       |
| Intel | 5M80Z   | [TQFP100] (Jam)  | (2394)       |
| Intel | 5M80Z   | [TQFP100] (SVF)  | (2394)       |
| Intel | 8041A   |                  |              |
| Intel | 8042A   |                  |              |
| Intel | 8048    |                  |              |
| Intel | 8048H   |                  |              |
| Intel | 8049    |                  |              |
| Intel | 8049H   |                  |              |
| Intel | 8050AH  |                  |              |
| Intel | 80C49   |                  |              |
| Intel | 82802AB | [PLCC32]         | (1384)       |
| Intel | 82802AB | [TSOP40]         | (1367)       |
| Intel | 82802AC | [PLCC32]         | (1384)       |
| Intel | 82802AC | [TSOP40]         | (1367)       |
| Intel | 85C031  |                  |              |
| Intel | 85C032  |                  |              |
| Intel | 85C060  |                  |              |
| Intel | 85C090  |                  |              |
| Intel | 85C180  | [PLCC68]         | (784)        |
| Intel | 8641A   |                  |              |
| Intel | 8642A   |                  |              |
| Intel | 8708    |                  | (2)          |
| Intel | 8741A   |                  |              |
| Intel | 8741AH  | [PLCC44]         | (155)        |
| Intel | 8742    |                  |              |
| Intel | 8742AH  |                  |              |
| Intel | 8742AH  | [PLCC44]         | (155)        |
| Intel | 8744H   |                  |              |
| Intel | 8744H   | [PLCC44]         | (67)         |
| Intel | 8748    |                  |              |
| Intel | 8748H   |                  |              |
| Intel | 8749    |                  |              |
| Intel | 8749H   |                  |              |
| Intel | 8749H   | [PLCC44]         | (155)        |
| Intel | 8751    |                  |              |
| Intel | 8751BH  |                  |              |
| Intel | 8751BH  | [PLCC44]         | (67)         |
| Intel | 8751BH  | [QFP44]          | (94)         |
| Intel | 8751H   |                  |              |
| Intel | 8752BH  |                  |              |
| Intel | 8752BH  | [PLCC44]         | (67)         |

|       |                        |               |
|-------|------------------------|---------------|
| Intel | 8752BH [QFP44]         | (94)          |
| Intel | 8755A                  |               |
| Intel | 87C196CA [PLCC68]      | (702)         |
| Intel | 87C196CB [QFP100]      | (4049)        |
| Intel | 87C196JQ [PLCC52]      | (676)         |
| Intel | 87C196JR [PLCC52]      | (676)         |
| Intel | 87C196JT [PLCC52]      | (676)         |
| Intel | 87C196JV [PLCC52]      | (676)         |
| Intel | 87C196KB [PLCC68]      | (84)          |
| Intel | 87C196KC [PLCC68]      | (84)          |
| Intel | 87C196KD [PLCC68]      | (84)          |
| Intel | 87C196KR [PLCC68]      | (84)          |
| Intel | 87C196KT [PLCC68]      | (84)          |
| Intel | 87C196LA [PLCC52]      | (676)         |
| Intel | 87C196LB [PLCC52]      | (676)         |
| Intel | 87C196MC [PLCC84]      | (86)          |
| Intel | 87C196MD [PLCC84]      | (86)          |
| Intel | 87C196MH [PLCC84]      | (86)          |
| Intel | 87C257                 |               |
| Intel | 87C257 [PLCC32]        | (59)          |
| Intel | 87C42                  |               |
| Intel | 87C42 [PLCC44]         | (155)         |
| Intel | 87C64                  |               |
| Intel | 87L42                  |               |
| Intel | 87L42 [PLCC44]         | (155)         |
| Intel | 87L51FA [PLCC44]       | (67)          |
| Intel | 87L51FA [QFP44]        | (94)          |
| Intel | 87L51FB [PLCC44]       | (67)          |
| Intel | 87L51FB [QFP44]        | (94)          |
| Intel | 87L51FC [PLCC44]       | (67)          |
| Intel | 87L51FC [QFP44]        | (94)          |
| Intel | 87L52 [PLCC44]         | (67)          |
| Intel | 87L52 [QFP44]          | (94)          |
| Intel | 87L54 [PLCC44]         | (67)          |
| Intel | 87L54 [QFP44]          | (94)          |
| Intel | 87L58 [PLCC44]         | (67)          |
| Intel | 87L58 [QFP44]          | (94)          |
| Intel | AB28F200B5B [PSOP44]   | (1356)        |
| Intel | AB28F200B5T [PSOP44]   | (1356)        |
| Intel | AB28F200BR-B [PSOP44]  | (1356)        |
| Intel | AB28F200BR-T [PSOP44]  | (1356)        |
| Intel | AB28F200BX-B [PSOP44]  | (1356)        |
| Intel | AB28F200BX-T [PSOP44]  | (1356)        |
| Intel | AB28F400B5B [PSOP44]   | (1356)        |
| Intel | AB28F400B5T [PSOP44]   | (1356)        |
| Intel | AB28F400BR-B [PSOP44]  | (1356)        |
| Intel | AB28F400BR-T [PSOP44]  | (1356)        |
| Intel | AB28F800B5B [PSOP44]   | (1356)        |
| Intel | AB28F800B5T [PSOP44]   | (1356)        |
| Intel | AD27C010               |               |
| Intel | AD27C128               |               |
| Intel | AD27C256               |               |
| Intel | AD27C512               |               |
| Intel | AD27C64                |               |
| Intel | AD87C257               |               |
| Intel | AD87C64                |               |
| Intel | AN27C010 [PLCC32]      | (59)          |
| Intel | AN27C128 [PLCC32]      | (59)          |
| Intel | AN27C256 [PLCC32]      | (59)          |
| Intel | AN27C512 [PLCC32]      | (59)          |
| Intel | AN27C64 [PLCC32]       | (59)          |
| Intel | AN28F010 [PLCC32]      | (1399)        |
| Intel | AN28F020 [PLCC32]      | (1399)        |
| Intel | AN28F256A [PLCC32]     | (1399)        |
| Intel | AN28F512 [PLCC32]      | (1399)        |
| Intel | AN87C257 [PLCC32]      | (59)          |
| Intel | AP27C010               |               |
| Intel | AP27C128               |               |
| Intel | AP27C256               |               |
| Intel | AP27C512 [PLCC32]      | (59)          |
| Intel | AP27C64                |               |
| Intel | AP28F010               |               |
| Intel | AP28F020               |               |
| Intel | AP28F256A              |               |
| Intel | AP28F512               |               |
| Intel | AP87C64                |               |
| Intel | B2708                  | (2)           |
| Intel | B2716                  |               |
| Intel | B57519                 |               |
| Intel | BD87C257               |               |
| Intel | BR28F320W18T [VFBGA40] | (822)         |
| Intel | BR28F640W18T [VFBGA40] | (822)         |
| Intel | C27010                 |               |
| Intel | C27011                 |               |
| Intel | C2704                  | (2)           |
| Intel | C2708                  | (2)           |
| Intel | C27128                 |               |
| Intel | C2716                  |               |
| Intel | C27210                 |               |
| Intel | C27C240                |               |
| Intel | C8755A                 |               |
| Intel | C87C151SA              |               |
| Intel | C87C151SB              |               |
| Intel | C87C251SA              |               |
| Intel | C87C251SB              |               |
| Intel | C87C251SP              |               |
| Intel | C87C251SQ              |               |
| Intel | D2000 [QFN40]          | (3886) (9999) |
| Intel | D27010                 |               |
| Intel | D27011                 |               |
| Intel | D2708                  | (2)           |
| Intel | D27128                 |               |
| Intel | D27128A                |               |
| Intel | D27128B                |               |
| Intel | D2716                  |               |
| Intel | D27210                 |               |
| Intel | D27256                 |               |
| Intel | D2732                  |               |
| Intel | D2732A                 |               |
| Intel | D27512                 |               |
| Intel | D27513                 |               |
| Intel | D2764                  |               |
| Intel | D2764A                 |               |
| Intel | D27C010                |               |
| Intel | D27C011                |               |
| Intel | D27C020                |               |
| Intel | D27C040                |               |
| Intel | D27C128                |               |
| Intel | D27C210                |               |
| Intel | D27C220                |               |
| Intel | D27C240                |               |
| Intel | D27C256                |               |
| Intel | D27C400                |               |
| Intel | D27C512                |               |
| Intel | D27C513                |               |
| Intel | D27C64                 |               |
| Intel | D5AC312                |               |
| Intel | D5AC324                |               |

|       |                      |        |
|-------|----------------------|--------|
| Intel | D5C031               |        |
| Intel | D5C032               |        |
| Intel | D5C060               |        |
| Intel | D5C090               |        |
| Intel | D8708                | (2)    |
| Intel | D8751BH              |        |
| Intel | D8751H               |        |
| Intel | D8752BH              |        |
| Intel | D8755A               |        |
| Intel | D87C257              |        |
| Intel | D87C51               |        |
| Intel | D87C51FA             |        |
| Intel | D87C51FB             |        |
| Intel | D87C51FC             |        |
| Intel | D87C51RA             |        |
| Intel | D87C51RB             |        |
| Intel | D87C51RC             |        |
| Intel | D87C52               |        |
| Intel | D87C54               |        |
| Intel | D87C58               |        |
| Intel | D87C64               |        |
| Intel | DA28F016SA [SSOP56]  | (73)   |
| Intel | DA28F016SV [SSOP56]  | (73)   |
| Intel | DA28F320J5 [SSOP56]  | (73)   |
| Intel | DA28F640J5 [SSOP56]  | (73)   |
| Intel | DD28F032SA [TSOP56]  | (3189) |
| Intel | DE28F800F3B [SSOP56] | (75)   |
| Intel | DE28F800F3T [SSOP56] | (75)   |
| Intel | DPLD610              |        |
| Intel | DPLD910              |        |
| Intel | DT28F016SA [SSOP56]  | (73)   |
| Intel | DT28F016SV [SSOP56]  | (73)   |
| Intel | DT28F160F3B [SSOP56] | (75)   |
| Intel | DT28F160F3T [SSOP56] | (75)   |
| Intel | DT28F160S3 [SSOP56]  | (73)   |
| Intel | DT28F160S5 [SSOP56]  | (73)   |
| Intel | DT28F320J5 [SSOP56]  | (73)   |
| Intel | DT28F320S3 [SSOP56]  | (73)   |
| Intel | DT28F320S5 [SSOP56]  | (73)   |
| Intel | DT28F640J5 [SSOP56]  | (73)   |
| Intel | DT28F800F3B [SSOP56] | (75)   |
| Intel | DT28F800F3T [SSOP56] | (75)   |
| Intel | E28F001BX-B [TSOP32] | (165)  |
| Intel | E28F001BX-T [TSOP32] | (165)  |
| Intel | E28F002BC-T [TSOP40] | (1368) |
| Intel | E28F002BL-B [TSOP40] | (1368) |
| Intel | E28F002BL-T [TSOP40] | (1368) |
| Intel | E28F002BVB [TSOP40]  | (1368) |
| Intel | E28F002BVT [TSOP40]  | (1368) |
| Intel | E28F002BX-B [TSOP40] | (1368) |
| Intel | E28F002BX-T [TSOP40] | (1368) |
| Intel | E28F004B5B [TSOP40]  | (1368) |
| Intel | E28F004B5T [TSOP40]  | (1368) |
| Intel | E28F004BVB [TSOP40]  | (1368) |
| Intel | E28F004BVT [TSOP40]  | (1368) |
| Intel | E28F004BX-B [TSOP40] | (1368) |
| Intel | E28F004BX-T [TSOP40] | (1368) |
| Intel | E28F004S3 [TSOP40]   | (1369) |
| Intel | E28F004S5 [TSOP40]   | (1369) |
| Intel | E28F004SC [TSOP40]   | (1369) |
| Intel | E28F008BVB [TSOP40]  | (1368) |
| Intel | E28F008BVT [TSOP40]  | (1368) |
| Intel | E28F008S3 [TSOP40]   | (1369) |
| Intel | E28F008S5 [TSOP40]   | (1369) |
| Intel | E28F008SA [TSOP40]   | (1369) |
| Intel | E28F008SC [TSOP40]   | (1369) |
| Intel | E28F010 [TSOP32]     | (1414) |
| Intel | E28F016S3 [TSOP40]   | (1369) |
| Intel | E28F016S5 [TSOP40]   | (1369) |
| Intel | E28F016SA [TSOP56]   | (1400) |
| Intel | E28F016SC [TSOP40]   | (1369) |
| Intel | E28F016SV [TSOP56]   | (1400) |
| Intel | E28F020 [TSOP32]     | (1414) |
| Intel | E28F128J3A [TSOP56]  | (1400) |
| Intel | E28F200B5B [TSOP48]  | (1346) |
| Intel | E28F200B5T [TSOP48]  | (1346) |
| Intel | E28F200CVB [TSOP48]  | (1346) |
| Intel | E28F200CVT [TSOP48]  | (1346) |
| Intel | E28F320J3A [TSOP56]  | (1400) |
| Intel | E28F320J5 [TSOP56]   | (1402) |
| Intel | E28F400B5B [TSOP48]  | (1346) |
| Intel | E28F400B5T [TSOP48]  | (1346) |
| Intel | E28F400CVB [TSOP48]  | (1346) |
| Intel | E28F400CVT [TSOP48]  | (1346) |
| Intel | E28F640J3A [TSOP56]  | (1400) |
| Intel | E28F800B5B [TSOP48]  | (1346) |
| Intel | E28F800B5T [TSOP48]  | (1346) |
| Intel | E28F800CVB [TSOP48]  | (1346) |
| Intel | E28F800CVT [TSOP48]  | (1346) |
| Intel | EE8751BH [PLCC44]    | (67)   |
| Intel | EE8752BH [PLCC44]    | (67)   |
| Intel | EE87C151SA [PLCC44]  | (67)   |
| Intel | EE87C151SB [PLCC44]  | (67)   |
| Intel | EE87C251SA [PLCC44]  | (67)   |
| Intel | EE87C251SB [PLCC44]  | (67)   |
| Intel | EE87C251SP [PLCC44]  | (67)   |
| Intel | EE87C251SQ [PLCC44]  | (67)   |
| Intel | EE87C51 [PLCC44]     | (67)   |
| Intel | EE87C51FA [PLCC44]   | (67)   |
| Intel | EE87C51FB [PLCC44]   | (67)   |
| Intel | EE87C51FC [PLCC44]   | (67)   |
| Intel | EE87C51RA [PLCC44]   | (67)   |
| Intel | EE87C51RB [PLCC44]   | (67)   |
| Intel | EE87C51RC [PLCC44]   | (67)   |
| Intel | EE87C52 [PLCC44]     | (67)   |
| Intel | EE87C54 [PLCC44]     | (67)   |
| Intel | EE87C58 [PLCC44]     | (67)   |
| Intel | EE87L51FA [PLCC44]   | (67)   |
| Intel | EE87L51FB [PLCC44]   | (67)   |
| Intel | EE87L51FC [PLCC44]   | (67)   |
| Intel | EE87L52 [PLCC44]     | (67)   |
| Intel | EE87L54 [PLCC44]     | (67)   |
| Intel | EE87L58 [PLCC44]     | (67)   |
| Intel | EG8751BH [QFP44]     | (94)   |
| Intel | EG8752BH [QFP44]     | (94)   |
| Intel | EG87C51 [QFP44]      | (94)   |
| Intel | EG87C51FA [QFP44]    | (94)   |
| Intel | EG87C51FB [QFP44]    | (94)   |
| Intel | EG87C51FC [QFP44]    | (94)   |
| Intel | EG87C51RA [QFP44]    | (94)   |
| Intel | EG87C51RB [QFP44]    | (94)   |
| Intel | EG87C51RC [QFP44]    | (94)   |
| Intel | EG87C52 [QFP44]      | (94)   |
| Intel | EG87C54 [QFP44]      | (94)   |
| Intel | EG87C58 [QFP44]      | (94)   |
| Intel | EG87L51FA [QFP44]    | (94)   |
| Intel | EG87L51FB [QFP44]    | (94)   |
| Intel | EG87L51FC [QFP44]    | (94)   |

|       |              |                 |              |
|-------|--------------|-----------------|--------------|
| Intel | EG87L52      | [QFP44]         | (94)         |
| Intel | EG87L54      | [QFP44]         | (94)         |
| Intel | EG87L58      | [QFP44]         | (94)         |
| Intel | EJ8751BH     |                 |              |
| Intel | EJ8751H      |                 |              |
| Intel | EJ8752BH     |                 |              |
| Intel | EJ87C151SA   |                 |              |
| Intel | EJ87C151SB   |                 |              |
| Intel | EJ87C251SA   |                 |              |
| Intel | EJ87C251SB   |                 |              |
| Intel | EJ87C251SP   |                 |              |
| Intel | EJ87C251SQ   |                 |              |
| Intel | EJ87C51      |                 |              |
| Intel | EJ87C51FA    |                 |              |
| Intel | EJ87C51FB    |                 |              |
| Intel | EJ87C51FC    |                 |              |
| Intel | EJ87C51RA    |                 |              |
| Intel | EJ87C51RB    |                 |              |
| Intel | EJ87C51RC    |                 |              |
| Intel | EJ87C52      |                 |              |
| Intel | EJ87C54      |                 |              |
| Intel | EJ87C58      |                 |              |
| Intel | EN8751BH     | [PLCC44]        | (67)         |
| Intel | EN8752BH     | [PLCC44]        | (67)         |
| Intel | EN87C151SA   | [PLCC44]        | (67)         |
| Intel | EN87C151SB   | [PLCC44]        | (67)         |
| Intel | EN87C251SA   | [PLCC44]        | (67)         |
| Intel | EN87C251SB   | [PLCC44]        | (67)         |
| Intel | EN87C251SP   | [PLCC44]        | (67)         |
| Intel | EN87C251SQ   | [PLCC44]        | (67)         |
| Intel | EN87C51      | [PLCC44]        | (67)         |
| Intel | EN87C51FA    | [PLCC44]        | (67)         |
| Intel | EN87C51FB    | [PLCC44]        | (67)         |
| Intel | EN87C51FC    | [PLCC44]        | (67)         |
| Intel | EN87C51RA    | [PLCC44]        | (67)         |
| Intel | EN87C51RB    | [PLCC44]        | (67)         |
| Intel | EN87C51RC    | [PLCC44]        | (67)         |
| Intel | EN87C52      | [PLCC44]        | (67)         |
| Intel | EN87C54      | [PLCC44]        | (67)         |
| Intel | EN87C58      | [PLCC44]        | (67)         |
| Intel | EN87L51FA    | [PLCC44]        | (67)         |
| Intel | EN87L51FB    | [PLCC44]        | (67)         |
| Intel | EN87L51FC    | [PLCC44]        | (67)         |
| Intel | EN87L52      | [PLCC44]        | (67)         |
| Intel | EN87L54      | [PLCC44]        | (67)         |
| Intel | EN87L58      | [PLCC44]        | (67)         |
| Intel | EPCQ128      | [SOIC16]        | (3100) (*1)  |
| Intel | EPCQ128      | [SOIC16] (Quad) | (3100) (*1)  |
| Intel | EPCQ128A     | (ISP)           | (138) (9997) |
| Intel | EPCQ128A     | [SOIC16]        | (3100) (*1)  |
| Intel | EPCQ128A     | [SOIC16] (Quad) | (3100) (*1)  |
| Intel | EPCQ16       | [SOIC8]         | (3094) (*1)  |
| Intel | EPCQ16       | [SOIC8] (Quad)  | (3094) (*1)  |
| Intel | EPCQ16A      | (ISP)           | (138) (9997) |
| Intel | EPCQ16A      | [SOIC8]         | (3094) (*1)  |
| Intel | EPCQ16A      | [SOIC8] (Quad)  | (3094) (*1)  |
| Intel | EPCQ256      | [SOIC16]        | (3100) (*1)  |
| Intel | EPCQ256      | [SOIC16] (Quad) | (3100) (*1)  |
| Intel | EPCQ32       | [SOIC8]         | (3094) (*1)  |
| Intel | EPCQ32       | [SOIC8] (Quad)  | (3094) (*1)  |
| Intel | EPCQ32A      | (ISP)           | (138) (9997) |
| Intel | EPCQ32A      | [SOIC8]         | (3094) (*1)  |
| Intel | EPCQ32A      | [SOIC8] (Quad)  | (3094) (*1)  |
| Intel | EPCQ4A       | (ISP)           | (138) (9997) |
| Intel | EPCQ4A       | [SOIC8]         | (3094) (*1)  |
| Intel | EPCQ512/A    | [SOIC16]        | (3100) (*1)  |
| Intel | EPCQ512/A    | [SOIC16] (Quad) | (3100) (*1)  |
| Intel | EPCQ64       | [SOIC16]        | (3100) (*1)  |
| Intel | EPCQ64       | [SOIC16] (Quad) | (3100) (*1)  |
| Intel | EPCQ64A      | (ISP)           | (138) (9997) |
| Intel | EPCQ64A      | [SOIC16]        | (3100) (*1)  |
| Intel | EPCQ64A      | [SOIC16] (Quad) | (3100) (*1)  |
| Intel | EPCQL256     | [FBGA24]        | (3122)       |
| Intel | EPCQL256     | [FBGA24] (Quad) | (3122)       |
| Intel | EPCS1        | (ISP)           | (138)        |
| Intel | EPCS1        | [SOIC8]         | (3094) (*1)  |
| Intel | EPCS128      | (ISP)           | (138)        |
| Intel | EPCS128      | [SOIC16]        | (3100) (*1)  |
| Intel | EPCS16       | (ISP)           | (138)        |
| Intel | EPCS16       | [SOIC16]        | (3100) (*1)  |
| Intel | EPCS16       | [SOIC8]         | (3094) (*1)  |
| Intel | EPCS4        | (ISP)           | (138)        |
| Intel | EPCS4        | [SOIC8]         | (3094) (*1)  |
| Intel | EPCS64       | (ISP)           | (138)        |
| Intel | EPCS64       | [SOIC16]        | (3100) (*1)  |
| Intel | ES8751BH     | [QFP44]         | (94)         |
| Intel | ES8752BH     | [QFP44]         | (94)         |
| Intel | ES87C51      | [QFP44]         | (94)         |
| Intel | ES87C51FA    | [QFP44]         | (94)         |
| Intel | ES87C51FB    | [QFP44]         | (94)         |
| Intel | ES87C51FC    | [QFP44]         | (94)         |
| Intel | ES87C51RA    | [QFP44]         | (94)         |
| Intel | ES87C51RB    | [QFP44]         | (94)         |
| Intel | ES87C51RC    | [QFP44]         | (94)         |
| Intel | ES87C52      | [QFP44]         | (94)         |
| Intel | ES87C54      | [QFP44]         | (94)         |
| Intel | ES87C58      | [QFP44]         | (94)         |
| Intel | ES87L51FA    | [QFP44]         | (94)         |
| Intel | ES87L51FB    | [QFP44]         | (94)         |
| Intel | ES87L51FC    | [QFP44]         | (94)         |
| Intel | ES87L52      | [QFP44]         | (94)         |
| Intel | ES87L54      | [QFP44]         | (94)         |
| Intel | ES87L58      | [QFP44]         | (94)         |
| Intel | F28F008SA    | [R-TSOP40]      | (1374)       |
| Intel | F28F010      | [R-TSOP32]      | (1415)       |
| Intel | F28F020      | [R-TSOP32]      | (1415)       |
| Intel | G2716        |                 |              |
| Intel | G28F640J5    | [uBGA56]        | (874)        |
| Intel | GE28F128K18C | [VFBGA56]       | (776)        |
| Intel | GE28F128K3C  | [VFBGA56]       | (776)        |
| Intel | GE28F128L18B | [VFBGA56]       | (729)        |
| Intel | GE28F128L18T | [VFBGA56]       | (729)        |
| Intel | GE28F128L30B | [VFBGA56]       | (729)        |
| Intel | GE28F128L30T | [VFBGA56]       | (729)        |
| Intel | GE28F128W18B | [VFBGA56]       | (776)        |
| Intel | GE28F128W18T | [VFBGA56]       | (776)        |
| Intel | GE28F128W30B | [VFBGA56]       | (776)        |
| Intel | GE28F128W30T | [VFBGA56]       | (776)        |
| Intel | GE28F160B3B  | [VFBGA48]       | (549)        |
| Intel | GE28F160B3T  | [VFBGA48]       | (549)        |
| Intel | GE28F160C3B  | [VFBGA48]       | (549)        |
| Intel | GE28F160C3T  | [VFBGA48]       | (549)        |
| Intel | GE28F256L18B | [VFBGA79]       | (1007)       |
| Intel | GE28F256L18T | [VFBGA79]       | (1007)       |
| Intel | GE28F256L30B | [VFBGA79]       | (1007)       |
| Intel | GE28F256L30T | [VFBGA79]       | (1007)       |
| Intel | GE28F320B3B  | [VFBGA48]       | (549)        |
| Intel | GE28F320B3T  | [VFBGA48]       | (549)        |

|       |                  |                           |        |
|-------|------------------|---------------------------|--------|
| Intel | GE28F320C3B      | [VFBGA48]                 | (549)  |
| Intel | GE28F320C3T      | [VFBGA48]                 | (549)  |
| Intel | GE28F320J3A      | [VFBGA48]                 | (552)  |
| Intel | GE28F320J3C      | [VFBGA48]                 | (552)  |
| Intel | GE28F320W18B     | [VFBGA56]                 | (729)  |
| Intel | GE28F320W18T     | [VFBGA56]                 | (729)  |
| Intel | GE28F320W30B     | [VFBGA56]                 | (729)  |
| Intel | GE28F320W30T     | [VFBGA56]                 | (729)  |
| Intel | GE28F640B3B      | [VFBGA48]                 | (550)  |
| Intel | GE28F640B3T      | [VFBGA48]                 | (550)  |
| Intel | GE28F640C3B      | [VFBGA48]                 | (550)  |
| Intel | GE28F640C3T      | [VFBGA48]                 | (550)  |
| Intel | GE28F640J3C      | [VFBGA48]                 | (552)  |
| Intel | GE28F640K18C     | [VFBGA56]                 | (776)  |
| Intel | GE28F640K3C      | [VFBGA56]                 | (776)  |
| Intel | GE28F640L18B     | [VFBGA56]                 | (729)  |
| Intel | GE28F640L18T     | [VFBGA56]                 | (729)  |
| Intel | GE28F640L30B     | [VFBGA56]                 | (729)  |
| Intel | GE28F640L30T     | [VFBGA56]                 | (729)  |
| Intel | GE28F640W18B     | [VFBGA56]                 | (729)  |
| Intel | GE28F640W18T     | [VFBGA56]                 | (729)  |
| Intel | GE28F640W30B     | [VFBGA56]                 | (729)  |
| Intel | GE28F640W30T     | [VFBGA56]                 | (729)  |
| Intel | GE28F800C3BA     | [VFBGA48]                 | (551)  |
| Intel | GE28F800C3TA     | [VFBGA48]                 | (551)  |
| Intel | GT28F160C3B      | [uBGA48]                  | (549)  |
| Intel | GT28F160C3T      | [uBGA48]                  | (549)  |
| Intel | GT28F160F3B      | [uBGA56]                  | (873)  |
| Intel | GT28F160F3T      | [uBGA56]                  | (873)  |
| Intel | GT28F320C3B      | [uBGA48]                  | (552)  |
| Intel | GT28F320C3T      | [uBGA48]                  | (552)  |
| Intel | GT28F640W18B     | [uBGA56]                  | (729)  |
| Intel | GT28F640W18T     | [uBGA56]                  | (729)  |
| Intel | GT28F640W30B     | [uBGA56]                  | (729)  |
| Intel | GT28F640W30T     | [uBGA56]                  | (729)  |
| Intel | HR28F320W18T     | [VFBGA40]                 | (822)  |
| Intel | HR28F640W18T     | [VFBGA40]                 | (822)  |
| Intel | I2708            |                           | (2)    |
| Intel | I2716            |                           |        |
| Intel | I8708            |                           | (2)    |
| Intel | I8755A           |                           |        |
| Intel | ID2708           |                           | (2)    |
| Intel | ID2716           |                           |        |
| Intel | ID2732           |                           |        |
| Intel | ID2732A          |                           |        |
| Intel | ID8708           |                           | (2)    |
| Intel | ID8755A          |                           |        |
| Intel | JR28F032M29EWB   | [TSOP48]                  | (1346) |
| Intel | JR28F032M29EWH   | [TSOP48]                  | (1346) |
| Intel | JR28F032M29EWL   | [TSOP48]                  | (1346) |
| Intel | JR28F032M29EWT   | [TSOP48]                  | (1346) |
| Intel | JR28F064M29EWB   | [TSOP48]                  | (1346) |
| Intel | JR28F064M29EWH   | [TSOP48]                  | (1346) |
| Intel | JR28F064M29EWL   | [TSOP48]                  | (1346) |
| Intel | JR28F064M29EWT   | [TSOP48]                  | (1346) |
| Intel | JS28F00AM29AWH   | [TSOP56]                  | (3161) |
| Intel | JS28F00AM29AWL   | [TSOP56]                  | (3161) |
| Intel | JS28F00AM29EWH   | [TSOP56]                  | (3161) |
| Intel | JS28F00AM29EWL   | [TSOP56]                  | (3161) |
| Intel | JS28F00AP30BF    | [TSOP56]                  | (1437) |
| Intel | JS28F00AP30BF    | [TSOP56] (BEFP)           | (1437) |
| Intel | JS28F00AP30EF    | [TSOP56]                  | (1437) |
| Intel | JS28F00AP30EF    | [TSOP56] (BEFP)           | (1437) |
| Intel | JS28F00AP30TF    | [TSOP56]                  | (1437) |
| Intel | JS28F00AP30TF    | [TSOP56] (BEFP)           | (1437) |
| Intel | JS28F00AP33BF    | [TSOP56]                  | (1437) |
| Intel | JS28F00AP33BF    | [TSOP56] (BEFP)           | (1437) |
| Intel | JS28F00AP33EF    | [TSOP56]                  | (1437) |
| Intel | JS28F00AP33EF    | [TSOP56] (BEFP)           | (1437) |
| Intel | JS28F00AP33TF    | [TSOP56]                  | (1437) |
| Intel | JS28F00AP33TF    | [TSOP56] (BEFP)           | (1437) |
| Intel | JS28F064M29EWB   | [TSOP56]                  | (3080) |
| Intel | JS28F064M29EWH   | [TSOP56]                  | (3080) |
| Intel | JS28F064M29EWL   | [TSOP56]                  | (3080) |
| Intel | JS28F064M29EWT   | [TSOP56]                  | (3080) |
| Intel | JS28F128J3C      | [TSOP56]                  | (1400) |
| Intel | JS28F128J3D      | [TSOP56]                  | (1400) |
| Intel | JS28F128J3F      | [TSOP56]                  | (1400) |
| Intel | JS28F128M29EWH   | [TSOP56]                  | (3080) |
| Intel | JS28F128M29EWH A | [TSOP56]                  | (3080) |
| Intel | JS28F128M29EWL   | [TSOP56]                  | (3080) |
| Intel | JS28F128P30B     | [TSOP56]                  | (1404) |
| Intel | JS28F128P30B     | [TSOP56] (BEFP)           | (1404) |
| Intel | JS28F128P30BF    | [TSOP56]                  | (1408) |
| Intel | JS28F128P30BF    | [TSOP56] (BEFP)           | (1408) |
| Intel | JS28F128P30T     | [TSOP56]                  | (1404) |
| Intel | JS28F128P30T     | [TSOP56] (BEFP)           | (1404) |
| Intel | JS28F128P30TF    | [TSOP56]                  | (1408) |
| Intel | JS28F128P33B     | [TSOP56]                  | (1404) |
| Intel | JS28F128P33B     | [TSOP56] (BEFP)           | (1404) |
| Intel | JS28F128P33BF    | [TSOP56]                  | (1404) |
| Intel | JS28F128P33BF    | [TSOP56] (BEFP)           | (1404) |
| Intel | JS28F128P33T     | [TSOP56]                  | (1404) |
| Intel | JS28F128P33T     | [TSOP56] (BEFP)           | (1404) |
| Intel | JS28F128P33TF    | [TSOP56]                  | (1404) |
| Intel | JS28F128P33TF    | [TSOP56] (BEFP)           | (1404) |
| Intel | JS28F160C3B      | [TSOP48]                  | (1346) |
| Intel | JS28F160C3T      | [TSOP48]                  | (1346) |
| Intel | JS28F256J3C      | [TSOP56]                  | (1400) |
| Intel | JS28F256J3D      | [TSOP56]                  | (1400) |
| Intel | JS28F256J3F      | [TSOP56]                  | (1400) |
| Intel | JS28F256M29EWH   | [TSOP56]                  | (3080) |
| Intel | JS28F256M29EWL   | [TSOP56]                  | (3080) |
| Intel | JS28F256P30B     | [TSOP56] (BEFP) (Flash-5) | (1404) |
| Intel | JS28F256P30B     | [TSOP56] (BEFP) (Flash-9) | (1408) |
| Intel | JS28F256P30B     | [TSOP56] (Flash-5)        | (1404) |
| Intel | JS28F256P30B     | [TSOP56] (Flash-9)        | (1408) |
| Intel | JS28F256P30BF    | [TSOP56]                  | (1408) |
| Intel | JS28F256P30BF    | [TSOP56] (BEFP)           | (1408) |
| Intel | JS28F256P30T     | [TSOP56]                  | (1404) |
| Intel | JS28F256P30T     | [TSOP56] (BEFP)           | (1404) |
| Intel | JS28F256P30TF    | [TSOP56]                  | (1408) |
| Intel | JS28F256P30TF    | [TSOP56] (BEFP)           | (1408) |
| Intel | JS28F256P33B     | [TSOP56]                  | (1404) |
| Intel | JS28F256P33B     | [TSOP56] (BEFP)           | (1404) |
| Intel | JS28F256P33BF    | [TSOP56]                  | (1404) |
| Intel | JS28F256P33BF    | [TSOP56] (BEFP)           | (1404) |
| Intel | JS28F256P33T     | [TSOP56]                  | (1404) |
| Intel | JS28F256P33T     | [TSOP56] (BEFP)           | (1404) |
| Intel | JS28F256P33TF    | [TSOP56]                  | (1404) |
| Intel | JS28F256P33TF    | [TSOP56] (BEFP)           | (1404) |
| Intel | JS28F320C3B      | [TSOP48]                  | (1346) |
| Intel | JS28F320C3T      | [TSOP48]                  | (1346) |
| Intel | JS28F320J3C      | [TSOP56]                  | (1400) |
| Intel | JS28F320J3D      | [TSOP56]                  | (1400) |
| Intel | JS28F320J3F      | [TSOP56]                  | (1400) |
| Intel | JS28F512M29AWH   | [TSOP56]                  | (3080) |
| Intel | JS28F512M29AWL   | [TSOP56]                  | (3080) |

|       |                               |             |
|-------|-------------------------------|-------------|
| Intel | JS28F512M29EWH [TSOP56]       | (3080)      |
| Intel | JS28F512M29EWL [TSOP56]       | (3080)      |
| Intel | JS28F512P30BF [TSOP56]        | (1408)      |
| Intel | JS28F512P30BF [TSOP56] (BEFP) | (1408)      |
| Intel | JS28F512P30EF [TSOP56]        | (1408)      |
| Intel | JS28F512P30EF [TSOP56] (BEFP) | (1408)      |
| Intel | JS28F512P30TF [TSOP56]        | (1408)      |
| Intel | JS28F512P30TF [TSOP56] (BEFP) | (1408)      |
| Intel | JS28F512P33BF [TSOP56]        | (1408)      |
| Intel | JS28F512P33BF [TSOP56] (BEFP) | (1408)      |
| Intel | JS28F512P33EF [TSOP56]        | (1408)      |
| Intel | JS28F512P33EF [TSOP56] (BEFP) | (1408)      |
| Intel | JS28F512P33TF [TSOP56]        | (1408)      |
| Intel | JS28F512P33TF [TSOP56] (BEFP) | (1408)      |
| Intel | JS28F640J3C [TSOP56]          | (1400)      |
| Intel | JS28F640J3D [TSOP56]          | (1400)      |
| Intel | JS28F640J3F [TSOP56]          | (1400)      |
| Intel | JS28F640P30B [TSOP56]         | (1404)      |
| Intel | JS28F640P30B [TSOP56] (BEFP)  | (1404)      |
| Intel | JS28F640P30BF [TSOP56]        | (1408)      |
| Intel | JS28F640P30BF [TSOP56] (BEFP) | (1408)      |
| Intel | JS28F640P30T [TSOP56]         | (1404)      |
| Intel | JS28F640P30T [TSOP56] (BEFP)  | (1404)      |
| Intel | JS28F640P30TF [TSOP56]        | (1408)      |
| Intel | JS28F640P30TF [TSOP56] (BEFP) | (1408)      |
| Intel | JS28F640P33B [TSOP56]         | (1404)      |
| Intel | JS28F640P33B [TSOP56] (BEFP)  | (1404)      |
| Intel | JS28F640P33BF [TSOP56]        | (1404)      |
| Intel | JS28F640P33BF [TSOP56] (BEFP) | (1404)      |
| Intel | JS28F640P33T [TSOP56]         | (1404)      |
| Intel | JS28F640P33T [TSOP56] (BEFP)  | (1404)      |
| Intel | JS28F640P33TF [TSOP56]        | (1404)      |
| Intel | JS28F640P33TF [TSOP56] (BEFP) | (1404)      |
| Intel | JS28F800C3B [TSOP48]          | (1346)      |
| Intel | JS28F800C3T [TSOP48]          | (1346)      |
| Intel | JS29F02G08AANB3 [TSOP48]      | (1266) (*1) |
| Intel | JS29F04G08AANB1 [TSOP48]      | (1266) (*1) |
| Intel | JS29F04G08BANB3 [TSOP48]      | (1266) (*1) |
| Intel | JS29F08G08CANB1 [TSOP48]      | (1266) (*1) |
| Intel | JS29F08G08FANB3 [TSOP48]      | (1266) (*1) |
| Intel | JS29F16G08FANB1 [TSOP48]      | (1266) (*1) |
| Intel | JS29F32G08AAMDB [TSOP48]      | (3075)      |
| Intel | JS29F64G08CAMDB [TSOP48]      | (1267) (*1) |
| Intel | JS48F4000P0VB [TSOP56]        | (1404)      |
| Intel | JS48F4000P0VT [TSOP56]        | (1404)      |
| Intel | JS48F4400P0TB [TSOP56]        | (1408)      |
| Intel | JS48F4400P0TT [TSOP56]        | (1408)      |
| Intel | JS48F4400P0VB [TSOP56]        | (1408)      |
| Intel | JS48F4400P0VT [TSOP56]        | (1408)      |
| Intel | JZ48F3000L0YB [SCSP88]        | (637)       |
| Intel | JZ48F3000L0YT [SCSP88]        | (637)       |
| Intel | JZ48F3000L0ZB [SCSP88]        | (638)       |
| Intel | JZ48F3000L0ZT [SCSP88]        | (638)       |
| Intel | JZ48F4000L0YB [SCSP88]        | (804)       |
| Intel | JZ48F4000L0YT [SCSP88]        | (804)       |
| Intel | JZ48F4000L0ZB [SCSP88]        | (805)       |
| Intel | JZ48F4000L0ZT [SCSP88]        | (805)       |
| Intel | L27C020                       |             |
| Intel | L27C256                       |             |
| Intel | L27C512                       |             |
| Intel | L27C513                       |             |
| Intel | LC27010                       |             |
| Intel | LC27210                       |             |
| Intel | LD27011                       |             |
| Intel | LD27128                       |             |
| Intel | LD27128A                      |             |
| Intel | LD2716                        |             |
| Intel | LD27210                       |             |
| Intel | LD27256                       |             |
| Intel | LD2732A                       |             |
| Intel | LD27512                       |             |
| Intel | LD27513                       |             |
| Intel | LD2764A                       |             |
| Intel | LD27C010                      |             |
| Intel | LD27C011                      |             |
| Intel | LD27C020                      |             |
| Intel | LD27C128                      |             |
| Intel | LD27C210                      |             |
| Intel | LD27C220                      |             |
| Intel | LD27C256                      |             |
| Intel | LD27C512                      |             |
| Intel | LD27C513                      |             |
| Intel | LD27C64                       |             |
| Intel | LD8751BH                      |             |
| Intel | LD8751H                       |             |
| Intel | LD8752BH                      |             |
| Intel | LD8755A                       |             |
| Intel | LD87C257                      |             |
| Intel | LD87C51                       |             |
| Intel | LD87C51FA                     |             |
| Intel | LD87C51FB                     |             |
| Intel | LD87C51FC                     |             |
| Intel | LD87C51RA                     |             |
| Intel | LD87C51RB                     |             |
| Intel | LD87C51RC                     |             |
| Intel | LD87C52                       |             |
| Intel | LD87C54                       |             |
| Intel | LD87C58                       |             |
| Intel | LD87C64                       |             |
| Intel | LC27010                       |             |
| Intel | LN87C257 [PLCC32]             | (59)        |
| Intel | LN87C51 [PLCC44]              | (67)        |
| Intel | LN87C51FA [PLCC44]            | (67)        |
| Intel | LN87C51FB [PLCC44]            | (67)        |
| Intel | LN87C51FC [PLCC44]            | (67)        |
| Intel | LN87C51RA [PLCC44]            | (67)        |
| Intel | LN87C51RB [PLCC44]            | (67)        |
| Intel | LN87C51RC [PLCC44]            | (67)        |
| Intel | LN87C52 [PLCC44]              | (67)        |
| Intel | LN87C54 [PLCC44]              | (67)        |
| Intel | LN87C58 [PLCC44]              | (67)        |
| Intel | LP8751BH                      |             |
| Intel | LP8751H                       |             |
| Intel | LP8752BH                      |             |
| Intel | LP87C51                       |             |
| Intel | LP87C51FA                     |             |
| Intel | LP87C51FB                     |             |
| Intel | LP87C51FC                     |             |
| Intel | LP87C51RA                     |             |
| Intel | LP87C51RB                     |             |
| Intel | LP87C51RC                     |             |
| Intel | LP87C52                       |             |
| Intel | LP87C54                       |             |
| Intel | LP87C58                       |             |
| Intel | M2708                         | (2)         |
| Intel | M2716                         |             |
| Intel | M27256                        |             |
| Intel | M2732                         |             |

|       |                         |        |
|-------|-------------------------|--------|
| Intel | M27C020                 |        |
| Intel | M29W256GHxxN [TSOP56]   | (3080) |
| Intel | M29W256GHxxZA [TBGA64]  | (1233) |
| Intel | M29W256GHxxZS [LBGA64]  | (938)  |
| Intel | M29W256GLxxN [TSOP56]   | (3080) |
| Intel | M29W256GLxxZA [TBGA64]  | (1233) |
| Intel | M29W256GLxxZS [LBGA64]  | (938)  |
| Intel | M29W256GSHxxZS [FBGA64] | (1319) |
| Intel | M29W256GSLxxZS [FBGA64] | (1319) |
| Intel | MB2716                  |        |
| Intel | MC2708                  | (2)    |
| Intel | MD27011                 |        |
| Intel | MD2708                  | (2)    |
| Intel | MD27128A                |        |
| Intel | MD2716                  |        |
| Intel | MD27210                 |        |
| Intel | MD27256                 |        |
| Intel | MD2732                  |        |
| Intel | MD2732A                 |        |
| Intel | MD27512                 |        |
| Intel | MD2764                  |        |
| Intel | MD2764A                 |        |
| Intel | MD27C010                |        |
| Intel | MD27C020                |        |
| Intel | MD27C040                |        |
| Intel | MD27C210                |        |
| Intel | MD27C256                |        |
| Intel | MD27C512                |        |
| Intel | MD27C64                 |        |
| Intel | MD5C060                 |        |
| Intel | MD8755A                 |        |
| Intel | MS28F016SV [SSOP56]     | (73)   |
| Intel | MT28F128J3 [FBGA64]     | (943)  |
| Intel | MT28F128J3 [TSOP56]     | (1400) |
| Intel | MT28F256J3 [FBGA64]     | (1297) |
| Intel | MT28F256J3 [TSOP56]     | (1400) |
| Intel | MT28F320J3 [FBGA64]     | (943)  |
| Intel | MT28F320J3 [TSOP56]     | (1400) |
| Intel | MT28F640J3 [FBGA64]     | (943)  |
| Intel | MT28F640J3 [TSOP56]     | (1400) |
| Intel | N27128A [PLCC32]        | (59)   |
| Intel | N27512 [PLCC32]         | (59)   |
| Intel | N27C010 [PLCC32]        | (59)   |
| Intel | N27C020 [PLCC32]        | (59)   |
| Intel | N27C040 [PLCC32]        | (59)   |
| Intel | N27C128 [PLCC32]        | (59)   |
| Intel | N27C210 [PLCC44]        | (67)   |
| Intel | N27C220 [PLCC44]        | (67)   |
| Intel | N27C256 [PLCC32]        | (59)   |
| Intel | N27C512 [PLCC32]        | (59)   |
| Intel | N27C64 [PLCC32]         | (59)   |
| Intel | N28F001BN-B [PLCC32]    | (1399) |
| Intel | N28F001BN-T [PLCC32]    | (1399) |
| Intel | N28F001BX-B [PLCC32]    | (1399) |
| Intel | N28F001BX-T [PLCC32]    | (1399) |
| Intel | N28F010 [PLCC32]        | (1399) |
| Intel | N28F020 [PLCC32]        | (1399) |
| Intel | N28F256A [PLCC32]       | (1399) |
| Intel | N28F512 [PLCC32]        | (1399) |
| Intel | N5AC312 [PLCC28]        | (48)   |
| Intel | N5AC324 [PLCC44]        | (67)   |
| Intel | N5C060 [PLCC28]         | (48)   |
| Intel | N5C090 [PLCC44]         | (67)   |
| Intel | N5C180 [PLCC68]         | (784)  |
| Intel | N8751BH [PLCC44]        | (67)   |
| Intel | N8752BH [PLCC44]        | (67)   |
| Intel | N87C151SA [PLCC44]      | (67)   |
| Intel | N87C151SB [PLCC44]      | (67)   |
| Intel | N87C251SA [PLCC44]      | (67)   |
| Intel | N87C251SB [PLCC44]      | (67)   |
| Intel | N87C251SP [PLCC44]      | (67)   |
| Intel | N87C251SQ [PLCC44]      | (67)   |
| Intel | N87C257 [PLCC32]        | (59)   |
| Intel | N87C51 [PLCC44]         | (67)   |
| Intel | N87C51FA [PLCC44]       | (67)   |
| Intel | N87C51FB [PLCC44]       | (67)   |
| Intel | N87C51FC [PLCC44]       | (67)   |
| Intel | N87C51RA [PLCC44]       | (67)   |
| Intel | N87C51RB [PLCC44]       | (67)   |
| Intel | N87C51RC [PLCC44]       | (67)   |
| Intel | N87C52 [PLCC44]         | (67)   |
| Intel | N87C54 [PLCC44]         | (67)   |
| Intel | N87C58 [PLCC44]         | (67)   |
| Intel | N87L51FA [PLCC44]       | (67)   |
| Intel | N87L51FB [PLCC44]       | (67)   |
| Intel | N87L51FC [PLCC44]       | (67)   |
| Intel | N87L52 [PLCC44]         | (67)   |
| Intel | N87L54 [PLCC44]         | (67)   |
| Intel | N87L58 [PLCC44]         | (67)   |
| Intel | NZ48F3000L0YB [SCSP88]  | (637)  |
| Intel | NZ48F3000L0YT [SCSP88]  | (637)  |
| Intel | NZ48F3000L0ZB [SCSP88]  | (638)  |
| Intel | NZ48F3000L0ZT [SCSP88]  | (638)  |
| Intel | NZ48F4000L0YB [SCSP88]  | (804)  |
| Intel | NZ48F4000L0YT [SCSP88]  | (804)  |
| Intel | NZ48F4000L0ZB [SCSP88]  | (805)  |
| Intel | NZ48F4000L0ZT [SCSP88]  | (805)  |
| Intel | P27010                  |        |
| Intel | P27011                  |        |
| Intel | P27128A                 |        |
| Intel | P27128B                 |        |
| Intel | P27210                  |        |
| Intel | P27256                  |        |
| Intel | P2732A                  |        |
| Intel | P27512                  |        |
| Intel | P27513                  |        |
| Intel | P2764                   |        |
| Intel | P2764A                  |        |
| Intel | P27C010                 |        |
| Intel | P27C020                 |        |
| Intel | P27C128                 |        |
| Intel | P27C220                 |        |
| Intel | P27C256                 |        |
| Intel | P27C64                  |        |
| Intel | P28F001BX-B             |        |
| Intel | P28F001BX-T             |        |
| Intel | P28F002BC-T             |        |
| Intel | P28F010                 |        |
| Intel | P28F020                 |        |
| Intel | P28F256A                |        |
| Intel | P28F512                 |        |
| Intel | P5C032                  | (47)   |
| Intel | P5C032 [PLCC20]         |        |
| Intel | P5C060                  |        |
| Intel | P5C060 [PLCC28]         | (48)   |
| Intel | P5C090                  |        |
| Intel | P5C090 [PLCC44]         | (67)   |
| Intel | P8751BH                 |        |

|       |                |                          |        |
|-------|----------------|--------------------------|--------|
| Intel | P8751H         |                          |        |
| Intel | P8752BH        |                          |        |
| Intel | P8755A         |                          |        |
| Intel | P87C151SA      |                          |        |
| Intel | P87C151SB      |                          |        |
| Intel | P87C251SA      |                          |        |
| Intel | P87C251SB      |                          |        |
| Intel | P87C251SP      |                          |        |
| Intel | P87C251SQ      |                          |        |
| Intel | P87C51         |                          |        |
| Intel | P87C51FA       |                          |        |
| Intel | P87C51FB       |                          |        |
| Intel | P87C51FC       |                          |        |
| Intel | P87C51RA       |                          |        |
| Intel | P87C51RB       |                          |        |
| Intel | P87C51RC       |                          |        |
| Intel | P87C52         |                          |        |
| Intel | P87C54         |                          |        |
| Intel | P87C58         |                          |        |
| Intel | P87C64         |                          |        |
| Intel | PA28F002BC-T   | [PSOP44]                 | (1356) |
| Intel | PA28F004S3     | [PSOP44]                 | (1357) |
| Intel | PA28F004S5     | [PSOP44]                 | (1357) |
| Intel | PA28F004SC     | [PSOP44]                 | (1357) |
| Intel | PA28F008S3     | [PSOP44]                 | (1357) |
| Intel | PA28F008S5     | [PSOP44]                 | (1357) |
| Intel | PA28F008SA     | [PSOP44]                 | (1357) |
| Intel | PA28F008SC     | [PSOP44]                 | (1357) |
| Intel | PA28F016S3     | [PSOP44]                 | (1357) |
| Intel | PA28F016S5     | [PSOP44]                 | (1357) |
| Intel | PA28F016SC     | [PSOP44]                 | (1357) |
| Intel | PA28F200B5B    | [PSOP44]                 | (1356) |
| Intel | PA28F200B5T    | [PSOP44]                 | (1356) |
| Intel | PA28F200BL-B   | [PSOP44]                 | (1356) |
| Intel | PA28F200BL-T   | [PSOP44]                 | (1356) |
| Intel | PA28F200BVB    | [PSOP44]                 | (1356) |
| Intel | PA28F200BVT    | [PSOP44]                 | (1356) |
| Intel | PA28F200BX-B   | [PSOP44]                 | (1356) |
| Intel | PA28F200BX-T   | [PSOP44]                 | (1356) |
| Intel | PA28F400B5B    | [PSOP44]                 | (1356) |
| Intel | PA28F400B5T    | [PSOP44]                 | (1356) |
| Intel | PA28F400BLB    | [PSOP44]                 | (1356) |
| Intel | PA28F400BLT    | [PSOP44]                 | (1356) |
| Intel | PA28F400BVB    | [PSOP44]                 | (1356) |
| Intel | PA28F400BVT    | [PSOP44]                 | (1356) |
| Intel | PA28F400BX-B   | [PSOP44]                 | (1356) |
| Intel | PA28F400BX-T   | [PSOP44]                 | (1356) |
| Intel | PA28F800B5B    | [PSOP44]                 | (1356) |
| Intel | PA28F800B5T    | [PSOP44]                 | (1356) |
| Intel | PA28F800BVB    | [PSOP44]                 | (1356) |
| Intel | PA28F800BVT    | [PSOP44]                 | (1356) |
| Intel | PC28F00AG18F   | [EasyBGA64]              | (1307) |
| Intel | PC28F00AG18F   | [EasyBGA64] (BEFP)       | (1307) |
| Intel | PC28F00AM29AWH | [BGA64]                  | (938)  |
| Intel | PC28F00AM29AWL | [BGA64]                  | (938)  |
| Intel | PC28F00AM29EWH | [BGA64]                  | (1109) |
| Intel | PC28F00AM29EWH | [BGA64]                  | (1109) |
| Intel | PC28F00AM29EWH | [BGA64]                  | (1109) |
| Intel | PC28F00AM29EWH | [BGA64]                  | (1109) |
| Intel | PC28F00AM29EWH | [BGA64]                  | (1109) |
| Intel | PC28F00AM29EWH | [BGA64]                  | (1109) |
| Intel | PC28F00AP30BF  | [EasyBGA64]              | (1307) |
| Intel | PC28F00AP30BF  | [EasyBGA64] (BEFP)       | (1307) |
| Intel | PC28F00AP30EF  | [EasyBGA64]              | (1307) |
| Intel | PC28F00AP30EF  | [EasyBGA64] (BEFP)       | (1307) |
| Intel | PC28F00AP30TF  | [EasyBGA64]              | (1307) |
| Intel | PC28F00AP30TF  | [EasyBGA64] (BEFP)       | (1307) |
| Intel | PC28F00AP33BF  | [Easy BGA64]             | (1307) |
| Intel | PC28F00AP33BF  | [Easy BGA64] (BEFP)      | (1307) |
| Intel | PC28F00AP33EF  | [Easy BGA64]             | (1307) |
| Intel | PC28F00AP33EF  | [Easy BGA64] (BEFP)      | (1307) |
| Intel | PC28F00AP33TF  | [Easy BGA64]             | (1307) |
| Intel | PC28F00AP33TF  | [Easy BGA64] (BEFP)      | (1307) |
| Intel | PC28F00BM29EWH | [BGA64]                  | (2599) |
| Intel | PC28F00BP30EF  | [EasyBGA64]              | (2607) |
| Intel | PC28F00BP30EF  | [EasyBGA64] (BEFP)       | (2607) |
| Intel | PC28F00BP33EF  | [Easy BGA64]             | (2607) |
| Intel | PC28F00BP33EF  | [Easy BGA64] (BEFP)      | (2607) |
| Intel | PC28F064M29EWB | [BGA64]                  | (938)  |
| Intel | PC28F064M29EWB | [BGA64]                  | (938)  |
| Intel | PC28F064M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F064M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F064M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F064M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F064M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F064M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F064M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F128G18F   | [EasyBGA64]              | (1307) |
| Intel | PC28F128G18F   | [EasyBGA64] (BEFP)       | (1307) |
| Intel | PC28F128J3C    | [Easy BGA64]             | (943)  |
| Intel | PC28F128J3D    | [Easy BGA64]             | (943)  |
| Intel | PC28F128J3F    | [Easy BGA64]             | (943)  |
| Intel | PC28F128J3F    | [Easy BGA64] (AdvSer)    | (943)  |
| Intel | PC28F128K3C    | [Easy BGA64]             | (766)  |
| Intel | PC28F128M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F128M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F128M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F128M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F128P30B   | [Easy BGA64]             | (701)  |
| Intel | PC28F128P30B   | [Easy BGA64] (BEFP)      | (701)  |
| Intel | PC28F128P30BF  | [EasyBGA64]              | (701)  |
| Intel | PC28F128P30BF  | [EasyBGA64] (BEFP)       | (701)  |
| Intel | PC28F128P30BF  | [EasyBGA64] (device OTP) | (701)  |
| Intel | PC28F128P30BF  | [EasyBGA64] (simple OTP) | (701)  |
| Intel | PC28F128P30T   | [Easy BGA64]             | (701)  |
| Intel | PC28F128P30T   | [Easy BGA64] (BEFP)      | (701)  |
| Intel | PC28F128P30TF  | [EasyBGA64]              | (701)  |
| Intel | PC28F128P30TF  | [EasyBGA64] (device OTP) | (701)  |
| Intel | PC28F128P30TF  | [EasyBGA64] (simple OTP) | (701)  |
| Intel | PC28F128P33B   | [Easy BGA64]             | (867)  |
| Intel | PC28F128P33B   | [Easy BGA64] (BEFP)      | (867)  |
| Intel | PC28F128P33BF  | [Easy BGA64]             | (867)  |
| Intel | PC28F128P33T   | [Easy BGA64]             | (867)  |
| Intel | PC28F128P33T   | [Easy BGA64] (BEFP)      | (867)  |
| Intel | PC28F128P33TF  | [Easy BGA64]             | (867)  |
| Intel | PC28F160C3B    | [Easy BGA64]             | (553)  |
| Intel | PC28F160C3T    | [Easy BGA64]             | (553)  |
| Intel | PC28F256G18F   | [EasyBGA64]              | (1307) |
| Intel | PC28F256G18F   | [EasyBGA64] (BEFP)       | (1307) |
| Intel | PC28F256J3C    | [Easy BGA64]             | (1297) |
| Intel | PC28F256J3D    | [Easy BGA64]             | (1255) |
| Intel | PC28F256J3F    | [Easy BGA64]             | (1255) |
| Intel | PC28F256M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F256M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F256M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F256M29EWH | [BGA64]                  | (938)  |
| Intel | PC28F256P30B   | [Easy BGA64]             | (701)  |
| Intel | PC28F256P30B   | [Easy BGA64] (BEFP)      | (701)  |
| Intel | PC28F256P30BF  | [EasyBGA64]              | (701)  |



|       |                 |              |               |        |
|-------|-----------------|--------------|---------------|--------|
| Intel | PC28F256P30BF   | [EasyBGA64]  | (BEFP)        | (701)  |
| Intel | PC28F256P30BF   | [EasyBGA64]  | (device OTP)  | (701)  |
| Intel | PC28F256P30BF   | [EasyBGA64]  | (simple OTP)  | (701)  |
| Intel | PC28F256P30BFP  | [EasyBGA64]  |               | (701)  |
| Intel | PC28F256P30BFR  | [EasyBGA64]  |               | (701)  |
| Intel | PC28F256P30T    | [Easy BGA64] |               | (701)  |
| Intel | PC28F256P30T    | [Easy BGA64] | (BEFP)        | (701)  |
| Intel | PC28F256P30TF   | [EasyBGA64]  |               | (701)  |
| Intel | PC28F256P30TF   | [EasyBGA64]  | (BEFP)        | (701)  |
| Intel | PC28F256P30TF   | [EasyBGA64]  | (device OTP)  | (701)  |
| Intel | PC28F256P30TF   | [EasyBGA64]  | (simple OTP)  | (701)  |
| Intel | PC28F256P33B    | [Easy BGA64] |               | (701)  |
| Intel | PC28F256P33B    | [Easy BGA64] | (BEFP)        | (701)  |
| Intel | PC28F256P33BF   | [Easy BGA64] |               | (701)  |
| Intel | PC28F256P33BF   | [Easy BGA64] | (BEFP)        | (701)  |
| Intel | PC28F256P33T    | [Easy BGA64] |               | (701)  |
| Intel | PC28F256P33T    | [Easy BGA64] | (BEFP)        | (701)  |
| Intel | PC28F256P33TF   | [Easy BGA64] |               | (701)  |
| Intel | PC28F256P33TF   | [Easy BGA64] | (BEFP)        | (701)  |
| Intel | PC28F320C3B     | [Easy BGA64] |               | (553)  |
| Intel | PC28F320C3T     | [Easy BGA64] |               | (553)  |
| Intel | PC28F320J3C     | [Easy BGA64] |               | (943)  |
| Intel | PC28F320J3D     | [Easy BGA64] |               | (943)  |
| Intel | PC28F320J3F     | [Easy BGA64] |               | (943)  |
| Intel | PC28F512G18F    | [EasyBGA64]  |               | (1307) |
| Intel | PC28F512G18F    | [EasyBGA64]  | (BEFP)        | (1307) |
| Intel | PC28F512M29AWH  | [BGA64]      |               | (938)  |
| Intel | PC28F512M29AWL  | [BGA64]      |               | (938)  |
| Intel | PC28F512M29EWH  | [BGA64]      |               | (938)  |
| Intel | PC28F512M29EWH  | [BGA64]      |               | (938)  |
| Intel | PC28F512M29EWH  | [BGA64]      |               | (938)  |
| Intel | PC28F512M29EWH  | [BGA64]      |               | (938)  |
| Intel | PC28F512M29EWH  | [BGA64]      |               | (938)  |
| Intel | PC28F512P30BF   | [EasyBGA64]  |               | (867)  |
| Intel | PC28F512P30BF   | [EasyBGA64]  | (BEFP)        | (867)  |
| Intel | PC28F512P30EF   | [EasyBGA64]  |               | (867)  |
| Intel | PC28F512P30EF   | [EasyBGA64]  | (BEFP)        | (867)  |
| Intel | PC28F512P30TF   | [EasyBGA64]  |               | (867)  |
| Intel | PC28F512P30TF   | [EasyBGA64]  | (BEFP)        | (867)  |
| Intel | PC28F512P33BF   | [Easy BGA64] |               | (867)  |
| Intel | PC28F512P33BF   | [Easy BGA64] | (BEFP)        | (867)  |
| Intel | PC28F512P33EF   | [Easy BGA64] |               | (867)  |
| Intel | PC28F512P33EF   | [Easy BGA64] | (BEFP)        | (867)  |
| Intel | PC28F512P33TF   | [Easy BGA64] |               | (867)  |
| Intel | PC28F512P33TF   | [Easy BGA64] | (BEFP)        | (867)  |
| Intel | PC28F640J3C     | [Easy BGA64] |               | (943)  |
| Intel | PC28F640J3D     | [Easy BGA64] |               | (943)  |
| Intel | PC28F640J3F     | [Easy BGA64] |               | (943)  |
| Intel | PC28F640P30B    | [Easy BGA64] |               | (701)  |
| Intel | PC28F640P30B    | [Easy BGA64] | (BEFP)        | (701)  |
| Intel | PC28F640P30BF   | [EasyBGA64]  |               | (701)  |
| Intel | PC28F640P30BF   | [EasyBGA64]  | (BEFP)        | (701)  |
| Intel | PC28F640P30BF   | [EasyBGA64]  | (device OTP)  | (701)  |
| Intel | PC28F640P30BF   | [EasyBGA64]  | (simple OTP)  | (701)  |
| Intel | PC28F640P30T    | [Easy BGA64] |               | (701)  |
| Intel | PC28F640P30T    | [Easy BGA64] | (BEFP)        | (701)  |
| Intel | PC28F640P30TF   | [EasyBGA64]  |               | (701)  |
| Intel | PC28F640P30TF   | [EasyBGA64]  | (BEFP)        | (701)  |
| Intel | PC28F640P30TF   | [EasyBGA64]  | (device OTP)  | (701)  |
| Intel | PC28F640P30TF   | [EasyBGA64]  | (simple OTP)  | (701)  |
| Intel | PC28F640P33B    | [Easy BGA64] |               | (867)  |
| Intel | PC28F640P33B    | [Easy BGA64] | (BEFP)        | (867)  |
| Intel | PC28F640P33BF   | [Easy BGA64] |               | (867)  |
| Intel | PC28F640P33T    | [Easy BGA64] |               | (867)  |
| Intel | PC28F640P33T    | [Easy BGA64] | (BEFP)        | (867)  |
| Intel | PC28F640P33TF   | [Easy BGA64] |               | (867)  |
| Intel | PC28F800C3B     | [Easy BGA64] |               | (553)  |
| Intel | PC28F800C3T     | [Easy BGA64] |               | (553)  |
| Intel | PC48F3300J0     | [Easy BGA64] |               | (1255) |
| Intel | PC48F4400P0TB   | [Easy BGA64] |               | (701)  |
| Intel | PC48F4400P0TB0E | [Easy BGA64] |               | (701)  |
| Intel | PC48F4400P0TB0E | [Easy BGA64] | (BEFP)        | (701)  |
| Intel | PC48F4400P0TB0E | [Easy BGA64] | (BEFP) (NOR1) | (701)  |
| Intel | PC48F4400P0TB0E | [Easy BGA64] | (BEFP) (NOR2) | (701)  |
| Intel | PC48F4400P0TB0E | [Easy BGA64] | (NOR1)        | (701)  |
| Intel | PC48F4400P0TB0E | [Easy BGA64] | (NOR2)        | (701)  |
| Intel | PC48F4400P0TT   | [Easy BGA64] |               | (701)  |
| Intel | PC48F4400P0VB   | [Easy BGA64] |               | (701)  |
| Intel | PC48F4400P0VB0E | [Easy BGA64] |               | (701)  |
| Intel | PC48F4400P0VB0E | [Easy BGA64] | (BEFP)        | (701)  |
| Intel | PC48F4400P0VB0E | [Easy BGA64] | (BEFP) (NOR1) | (701)  |
| Intel | PC48F4400P0VB0E | [Easy BGA64] | (BEFP) (NOR2) | (701)  |
| Intel | PC48F4400P0VB0E | [Easy BGA64] | (NOR1)        | (701)  |
| Intel | PC48F4400P0VB0E | [Easy BGA64] | (NOR2)        | (701)  |
| Intel | PC48F4400P0VT   | [Easy BGA64] |               | (701)  |
| Intel | PF28F1602C3TD   | [SCSP66]     |               | (900)  |
| Intel | PF38F1010C0ZB   | [SCSP66]     |               | (901)  |
| Intel | PF38F1010C0ZT   | [SCSP66]     |               | (901)  |
| Intel | PF38F1020W0YB   | [SCSP88]     |               | (802)  |
| Intel | PF38F1020W0YT   | [SCSP88]     |               | (802)  |
| Intel | PF38F1030C0ZT   | [SCSP66]     |               | (900)  |
| Intel | PF38F1030W0YB   | [SCSP88]     |               | (802)  |
| Intel | PF38F1030W0YC   | [SCSP88]     |               | (910)  |
| Intel | PF38F1030W0YT   | [SCSP88]     |               | (802)  |
| Intel | PF38F1030W0YU   | [SCSP88]     |               | (910)  |
| Intel | PF38F1030W0ZB   | [SCSP88]     |               | (803)  |
| Intel | PF38F1030W0ZT   | [SCSP88]     |               | (803)  |
| Intel | PF38F2030W0YB   | [SCSP88]     |               | (802)  |
| Intel | PF38F2030W0YC   | [SCSP88]     |               | (910)  |
| Intel | PF38F2030W0YT   | [SCSP88]     |               | (802)  |
| Intel | PF38F2030W0YU   | [SCSP88]     |               | (910)  |
| Intel | PF38F2030W0ZB   | [SCSP88]     |               | (803)  |
| Intel | PF38F2030W0ZT   | [SCSP88]     |               | (803)  |
| Intel | PF38F2040W0YB   | [SCSP88]     |               | (802)  |
| Intel | PF38F2040W0YC   | [SCSP88]     |               | (910)  |
| Intel | PF38F2040W0YT   | [SCSP88]     |               | (802)  |
| Intel | PF38F2040W0YU   | [SCSP88]     |               | (910)  |
| Intel | PF38F2040W0ZB   | [SCSP88]     |               | (803)  |
| Intel | PF38F2040W0ZT   | [SCSP88]     |               | (803)  |
| Intel | PF38F2230W0YD   | [SCSP88]     |               | (802)  |
| Intel | PF38F2230W0ZD   | [SCSP88]     |               | (803)  |
| Intel | PF38F2240W0YD   | [SCSP88]     |               | (802)  |
| Intel | PF38F2240W0ZD   | [SCSP88]     |               | (803)  |
| Intel | PF38F3040L0YB   | [SCSP88]     |               | (802)  |
| Intel | PF38F3040L0YC   | [SCSP88]     |               | (910)  |
| Intel | PF38F3040L0YT   | [SCSP88]     |               | (802)  |
| Intel | PF38F3040L0YU   | [SCSP88]     |               | (910)  |
| Intel | PF38F3040L0ZB   | [SCSP88]     |               | (638)  |
| Intel | PF38F3040L0ZT   | [SCSP88]     |               | (638)  |
| Intel | PF38F3040M0Y0   | [SCSP107]    |               | (1136) |
| Intel | PF38F3040M0Y0   | [SCSP107]    | (BEFP)        | (1136) |
| Intel | PF38F3040M0Y0   | [SCSP88]     |               | (802)  |
| Intel | PF38F3040M0Y0   | [SCSP88]     | (BEFP)        | (802)  |
| Intel | PF38F3040M0Y1   | [SCSP88]     |               | (910)  |
| Intel | PF38F3040M0Y1   | [SCSP88]     | (BEFP)        | (910)  |
| Intel | PF38F3040M0Y3   | [SCSP88]     |               | (910)  |
| Intel | PF38F3040M0Y3   | [SCSP88]     | (BEFP)        | (910)  |
| Intel | PF38F3040M0Y3DE | [SCSP56]     |               | (1240) |

|       |                 |           |        |        |
|-------|-----------------|-----------|--------|--------|
| Intel | PF38F3040M0Y3DE | [SCSP56]  | (BEFP) | (1240) |
| Intel | PF38F3040M0Y3DF | [SCSP56]  |        | (1240) |
| Intel | PF38F3040M0Y3DF | [SCSP56]  | (BEFP) | (1240) |
| Intel | PF38F3050L0YB   | [SCSP88]  |        | (802)  |
| Intel | PF38F3050L0YC   | [SCSP88]  |        | (910)  |
| Intel | PF38F3050L0YT   | [SCSP88]  |        | (802)  |
| Intel | PF38F3050L0YU   | [SCSP88]  |        | (910)  |
| Intel | PF38F3050L0ZB   | [SCSP88]  |        | (803)  |
| Intel | PF38F3050L0ZT   | [SCSP88]  |        | (803)  |
| Intel | PF38F3050M0Y0   | [SCSP107] |        | (1136) |
| Intel | PF38F3050M0Y0   | [SCSP107] | (BEFP) | (1136) |
| Intel | PF38F3050M0Y0   | [SCSP88]  |        | (802)  |
| Intel | PF38F3050M0Y0   | [SCSP88]  | (BEFP) | (802)  |
| Intel | PF38F3050M0Y1   | [SCSP88]  |        | (910)  |
| Intel | PF38F3050M0Y1   | [SCSP88]  | (BEFP) | (910)  |
| Intel | PF38F3050M0Y3   | [SCSP88]  |        | (910)  |
| Intel | PF38F3050M0Y3   | [SCSP88]  | (BEFP) | (910)  |
| Intel | PF38F3050M0Y3DE | [SCSP56]  |        | (1240) |
| Intel | PF38F3050M0Y3DE | [SCSP56]  | (BEFP) | (1240) |
| Intel | PF38F3050M0Y3DF | [SCSP56]  |        | (1240) |
| Intel | PF38F3050M0Y3DF | [SCSP56]  | (BEFP) | (1240) |
| Intel | PF38F3050M0Y3DG | [SCSP56]  |        | (1240) |
| Intel | PF38F3050M0Y3DG | [SCSP56]  | (BEFP) | (1240) |
| Intel | PF38F3050M0Y3DH | [SCSP56]  |        | (1240) |
| Intel | PF38F3050M0Y3DH | [SCSP56]  | (BEFP) | (1240) |
| Intel | PF38F3060M0Y0   | [SCSP107] |        | (1136) |
| Intel | PF38F3060M0Y0   | [SCSP107] | (BEFP) | (1136) |
| Intel | PF38F3060M0Y1EE | [SCSP133] |        | (1555) |
| Intel | PF38F3060M0Y1EE | [SCSP133] | (BEFP) | (1555) |
| Intel | PF38F3060M0Y1EF | [SCSP133] |        | (1555) |
| Intel | PF38F3060M0Y1EF | [SCSP133] | (BEFP) | (1555) |
| Intel | PF38F3060M0Y1EG | [SCSP133] |        | (1555) |
| Intel | PF38F3060M0Y1EG | [SCSP133] | (BEFP) | (1555) |
| Intel | PF38F3060M0Y1EH | [SCSP133] |        | (1555) |
| Intel | PF38F3060M0Y1EH | [SCSP133] | (BEFP) | (1555) |
| Intel | PF38F3070M0Y1EE | [SCSP133] |        | (1555) |
| Intel | PF38F3070M0Y1EE | [SCSP133] | (BEFP) | (1555) |
| Intel | PF38F3350LLZD   | [SCSP88]  |        | (803)  |
| Intel | PF38F3350WWZD   | [SCSP88]  |        | (803)  |
| Intel | PF38F3352LLYD   | [SCSP88]  |        | (802)  |
| Intel | PF38F3352LLZB   | [SCSP88]  |        | (803)  |
| Intel | PF38F3352LLZD   | [SCSP88]  |        | (803)  |
| Intel | PF38F3352LLZT   | [SCSP88]  |        | (803)  |
| Intel | PF38F4040L0YC   | [SCSP88]  |        | (911)  |
| Intel | PF38F4040L0YU   | [SCSP88]  |        | (911)  |
| Intel | PF38F4050L0YB   | [SCSP88]  |        | (806)  |
| Intel | PF38F4050L0YC   | [SCSP88]  |        | (911)  |
| Intel | PF38F4050L0YT   | [SCSP88]  |        | (806)  |
| Intel | PF38F4050L0YU   | [SCSP88]  |        | (911)  |
| Intel | PF38F4050L0ZB   | [SCSP88]  |        | (805)  |
| Intel | PF38F4050L0ZT   | [SCSP88]  |        | (805)  |
| Intel | PF38F4050M0Y0   | [SCSP105] |        | (1191) |
| Intel | PF38F4050M0Y0   | [SCSP105] | (BEFP) | (1191) |
| Intel | PF38F4050M0Y0   | [SCSP107] |        | (1136) |
| Intel | PF38F4050M0Y0   | [SCSP107] | (BEFP) | (1136) |
| Intel | PF38F4050M0Y0   | [SCSP88]  |        | (802)  |
| Intel | PF38F4050M0Y0   | [SCSP88]  | (BEFP) | (802)  |
| Intel | PF38F4050M0Y1   | [SCSP107] |        | (1077) |
| Intel | PF38F4050M0Y1   | [SCSP107] | (BEFP) | (1077) |
| Intel | PF38F4050M0Y1   | [SCSP88]  |        | (910)  |
| Intel | PF38F4050M0Y1   | [SCSP88]  | (BEFP) | (910)  |
| Intel | PF38F4050M0Y3   | [SCSP107] |        | (1077) |
| Intel | PF38F4050M0Y3   | [SCSP107] | (BEFP) | (1077) |
| Intel | PF38F4050M0Y3DE | [SCSP56]  |        | (1225) |
| Intel | PF38F4050M0Y3DE | [SCSP56]  | (BEFP) | (1225) |
| Intel | PF38F4050M0Y3DF | [SCSP56]  |        | (1240) |
| Intel | PF38F4050M0Y3DF | [SCSP56]  | (BEFP) | (1240) |
| Intel | PF38F4050M0Y3DG | [SCSP56]  |        | (1225) |
| Intel | PF38F4050M0Y3DG | [SCSP56]  | (BEFP) | (1225) |
| Intel | PF38F4055L0YB   | [SCSP88]  |        | (806)  |
| Intel | PF38F4055L0YT   | [SCSP88]  |        | (806)  |
| Intel | PF38F4055L0ZB   | [SCSP88]  |        | (807)  |
| Intel | PF38F4055L0ZT   | [SCSP88]  |        | (807)  |
| Intel | PF38F4060L0YB   | [SCSP103] |        | (1191) |
| Intel | PF38F4060L0YT   | [SCSP103] |        | (1191) |
| Intel | PF38F4060M0Y0   | [SCSP105] |        | (1191) |
| Intel | PF38F4060M0Y0   | [SCSP105] | (BEFP) | (1191) |
| Intel | PF38F4060M0Y0   | [SCSP107] |        | (1136) |
| Intel | PF38F4060M0Y0   | [SCSP107] | (BEFP) | (1136) |
| Intel | PF38F4060M0Y1   | [SCSP107] |        | (1077) |
| Intel | PF38F4060M0Y1   | [SCSP107] | (BEFP) | (1077) |
| Intel | PF38F4060M0Y3   | [SCSP107] |        | (1077) |
| Intel | PF38F4060M0Y3   | [SCSP107] | (BEFP) | (1077) |
| Intel | PF38F4060M0Y3DE | [SCSP56]  |        | (1225) |
| Intel | PF38F4060M0Y3DE | [SCSP56]  | (BEFP) | (1225) |
| Intel | PF38F4060M0Y3DF | [SCSP56]  |        | (1225) |
| Intel | PF38F4060M0Y3DF | [SCSP56]  | (BEFP) | (1225) |
| Intel | PF38F4060M0Y3DG | [SCSP56]  |        | (1225) |
| Intel | PF38F4060M0Y3DG | [SCSP56]  | (BEFP) | (1225) |
| Intel | PF38F4060M0Y3DH | [SCSP56]  |        | (1225) |
| Intel | PF38F4060M0Y3DH | [SCSP56]  | (BEFP) | (1225) |
| Intel | PF38F4455LLYB   | [SCSP88]  |        | (806)  |
| Intel | PF38F4455LLYT   | [SCSP88]  |        | (806)  |
| Intel | PF38F4455LLZB   | [SCSP88]  |        | (807)  |
| Intel | PF38F4455LLZT   | [SCSP88]  |        | (807)  |
| Intel | PF38F4460LLYB   | [SCSP103] |        | (1191) |
| Intel | PF38F4470LLYB   | [SCSP103] |        | (1191) |
| Intel | PF38F5050M0Y0   | [SCSP107] |        | (1137) |
| Intel | PF38F5050M0Y0   | [SCSP107] | (BEFP) | (1137) |
| Intel | PF38F5060M0Q3CE | [SCSP107] |        | (1223) |
| Intel | PF38F5060M0Q3CE | [SCSP107] | (BEFP) | (1223) |
| Intel | PF38F5060M0Y0   | [SCSP105] |        | (1191) |
| Intel | PF38F5060M0Y0   | [SCSP105] | (BEFP) | (1191) |
| Intel | PF38F5060M0Y0   | [SCSP107] |        | (1137) |
| Intel | PF38F5060M0Y0   | [SCSP107] | (BEFP) | (1137) |
| Intel | PF38F5060M0Y1EE | [SCSP133] |        | (1555) |
| Intel | PF38F5060M0Y1EE | [SCSP133] | (BEFP) | (1555) |
| Intel | PF38F5060M0Y3   | [SCSP107] |        | (1223) |
| Intel | PF38F5060M0Y3   | [SCSP107] | (BEFP) | (1223) |
| Intel | PF38F5060M0Y3DE | [SCSP56]  |        | (1241) |
| Intel | PF38F5060M0Y3DE | [SCSP56]  | (BEFP) | (1241) |
| Intel | PF38F5060M0Y3DF | [SCSP56]  |        | (1225) |
| Intel | PF38F5060M0Y3DF | [SCSP56]  | (BEFP) | (1225) |
| Intel | PF38F5066M0Y0CE | [SCSP107] |        | (1137) |
| Intel | PF38F5066M0Y0CE | [SCSP107] | (BEFP) | (1137) |
| Intel | PF38F5066M0Y0CF | [SCSP107] |        | (1137) |
| Intel | PF38F5066M0Y0CF | [SCSP107] | (BEFP) | (1137) |
| Intel | PF38F5070M0Q3CF | [SCSP107] |        | (1231) |
| Intel | PF38F5070M0Q3CF | [SCSP107] | (BEFP) | (1231) |
| Intel | PF38F5070M0Y0   | [SCSP105] |        | (1191) |
| Intel | PF38F5070M0Y0   | [SCSP105] | (BEFP) | (1191) |
| Intel | PF38F5070M0Y0   | [SCSP107] |        | (1229) |
| Intel | PF38F5070M0Y0   | [SCSP107] | (BEFP) | (1229) |
| Intel | PF38F5070M0Y0   | [SCSP165] |        | (1304) |
| Intel | PF38F5070M0Y0   | [SCSP165] | (BEFP) | (1304) |
| Intel | PF38F5070M0Y1   | [SCSP107] |        | (1231) |
| Intel | PF38F5070M0Y1   | [SCSP107] | (BEFP) | (1231) |
| Intel | PF38F5070M0Y1   | [SCSP165] |        | (1306) |

|       |                 |           |               |        |
|-------|-----------------|-----------|---------------|--------|
| Intel | PF38F5070M0Y1   | [SCSP165] | (BEFP)        | (1306) |
| Intel | PF38F5070M0Y1EE | [SCSP133] |               | (1555) |
| Intel | PF38F5070M0Y1EE | [SCSP133] | (BEFP)        | (1555) |
| Intel | PF38F5070M0Y3   | [SCSP107] |               | (1231) |
| Intel | PF38F5070M0Y3   | [SCSP107] | (BEFP)        | (1231) |
| Intel | PF38F5070M0Y3DE | [SCSP56]  |               | (1241) |
| Intel | PF38F5070M0Y3DE | [SCSP56]  | (BEFP)        | (1241) |
| Intel | PF38F5080M0Y0   | [SCSP105] |               | (1191) |
| Intel | PF38F5080M0Y0   | [SCSP105] | (BEFP)        | (1191) |
| Intel | PF38F5566M0Y3DE | [SCSP56]  |               | (1225) |
| Intel | PF38F5566M0Y3DE | [SCSP56]  | (BEFP)        | (1225) |
| Intel | PF38F5566M0Y3DE | [SCSP56]  | (BEFP) (NOR1) | (1225) |
| Intel | PF38F5566M0Y3DE | [SCSP56]  | (BEFP) (NOR2) | (1225) |
| Intel | PF38F5566M0Y3DE | [SCSP56]  | (NOR1)        | (1225) |
| Intel | PF38F5566M0Y3DE | [SCSP56]  | (NOR2)        | (1225) |
| Intel | PF38F5566MMY0   | [SCSP107] |               | (1137) |
| Intel | PF38F5566MMY0   | [SCSP107] | (BEFP)        | (1137) |
| Intel | PF38F5566MMY0   | [SCSP107] | (BEFP) (NOR1) | (1137) |
| Intel | PF38F5566MMY0   | [SCSP107] | (BEFP) (NOR2) | (1137) |
| Intel | PF38F5566MMY0   | [SCSP107] | (NOR1)        | (1137) |
| Intel | PF38F5566MMY0   | [SCSP107] | (NOR2)        | (1137) |
| Intel | PF38F5570MMY0   | [SCSP165] |               | (1301) |
| Intel | PF38F5570MMY0   | [SCSP165] | (BEFP)        | (1301) |
| Intel | PF38F5570MMY0   | [SCSP165] | (BEFP) (NOR1) | (1301) |
| Intel | PF38F5570MMY0   | [SCSP165] | (BEFP) (NOR2) | (1301) |
| Intel | PF38F5570MMY0   | [SCSP165] | (NOR1)        | (1301) |
| Intel | PF38F5570MMY0   | [SCSP165] | (NOR2)        | (1301) |
| Intel | PF38F6070M0Q0CE | [SCSP107] |               | (1138) |
| Intel | PF38F6070M0Q0CE | [SCSP107] | (BEFP)        | (1138) |
| Intel | PF38F6070M0Q1CE | [SCSP107] |               | (1224) |
| Intel | PF38F6070M0Q1CE | [SCSP107] | (BEFP)        | (1224) |
| Intel | PF38F6070M0Y0   | [SCSP105] |               | (1192) |
| Intel | PF38F6070M0Y0   | [SCSP105] | (BEFP)        | (1192) |
| Intel | PF38F6070M0Y0   | [SCSP107] |               | (1141) |
| Intel | PF38F6070M0Y0   | [SCSP107] | (BEFP)        | (1141) |
| Intel | PF38F6070M0Y0   | [SCSP165] |               | (1238) |
| Intel | PF38F6070M0Y0   | [SCSP165] | (BEFP)        | (1238) |
| Intel | PF38F6070M0Y1   | [SCSP107] |               | (1224) |
| Intel | PF38F6070M0Y1   | [SCSP107] | (BEFP)        | (1224) |
| Intel | PF38F6070M0Y3   | [SCSP107] |               | (1224) |
| Intel | PF38F6070M0Y3   | [SCSP107] | (BEFP)        | (1224) |
| Intel | PF48F1000W0YB   | [SCSP88]  |               | (802)  |
| Intel | PF48F1000W0YC   | [SCSP88]  |               | (910)  |
| Intel | PF48F1000W0YT   | [SCSP88]  |               | (802)  |
| Intel | PF48F1000W0YU   | [SCSP88]  |               | (910)  |
| Intel | PF48F1000W0ZB   | [SCSP88]  |               | (638)  |
| Intel | PF48F1000W0ZT   | [SCSP88]  |               | (638)  |
| Intel | PF48F2000P0XB   | [SCSP88]  |               | (637)  |
| Intel | PF48F2000P0XB   | [SCSP88]  | (BEFP)        | (637)  |
| Intel | PF48F2000P0XT   | [SCSP88]  |               | (637)  |
| Intel | PF48F2000P0XT   | [SCSP88]  | (BEFP)        | (637)  |
| Intel | PF48F2000P0ZB   | [SCSP88]  |               | (637)  |
| Intel | PF48F2000P0ZT   | [SCSP88]  |               | (637)  |
| Intel | PF48F2000W0ZB   | [SCSP88]  |               | (638)  |
| Intel | PF48F2000W0ZT   | [SCSP88]  |               | (638)  |
| Intel | PF48F2100W0YD   | [SCSP88]  |               | (802)  |
| Intel | PF48F2200W0YD   | [SCSP88]  |               | (802)  |
| Intel | PF48F3000L0YB   | [SCSP88]  |               | (637)  |
| Intel | PF48F3000L0YT   | [SCSP88]  |               | (637)  |
| Intel | PF48F3000L0ZB   | [SCSP88]  |               | (638)  |
| Intel | PF48F3000L0ZT   | [SCSP88]  |               | (638)  |
| Intel | PF48F3000M0Y0   | [SCSP88]  |               | (802)  |
| Intel | PF48F3000M0Y0   | [SCSP88]  | (BEFP)        | (802)  |
| Intel | PF48F3000M0Y1   | [SCSP88]  |               | (910)  |
| Intel | PF48F3000M0Y1   | [SCSP88]  | (BEFP)        | (910)  |
| Intel | PF48F3000M0Y1   | [SCSP88]  | (BEFP)        | (910)  |
| Intel | PF48F3000P0XB   | [SCSP88]  |               | (637)  |
| Intel | PF48F3000P0XB   | [SCSP88]  | (BEFP)        | (637)  |
| Intel | PF48F3000P0XT   | [SCSP88]  |               | (637)  |
| Intel | PF48F3000P0XT   | [SCSP88]  | (BEFP)        | (637)  |
| Intel | PF48F3000P0ZB   | [SCSP88]  |               | (637)  |
| Intel | PF48F3000P0ZBQE | [SCSP88]  |               | (637)  |
| Intel | PF48F3000P0ZT   | [SCSP88]  |               | (637)  |
| Intel | PF48F3000P0ZTQE | [SCSP88]  |               | (637)  |
| Intel | PF48F3000W0YB   | [SCSP88]  |               | (637)  |
| Intel | PF48F3000W0YT   | [SCSP88]  |               | (637)  |
| Intel | PF48F3300L0YD   | [SCSP88]  |               | (637)  |
| Intel | PF48F3300L0ZD   | [SCSP88]  |               | (638)  |
| Intel | PF48F3300W0YB   | [SCSP88]  |               | (802)  |
| Intel | PF48F3300W0YD   | [SCSP88]  |               | (802)  |
| Intel | PF48F4000L0YB   | [SCSP88]  |               | (804)  |
| Intel | PF48F4000L0YT   | [SCSP103] |               | (1191) |
| Intel | PF48F4000L0YT   | [SCSP88]  |               | (804)  |
| Intel | PF48F4000L0ZB   | [SCSP88]  |               | (805)  |
| Intel | PF48F4000L0ZT   | [SCSP88]  |               | (805)  |
| Intel | PF48F4000M0Y0   | [SCSP107] |               | (1136) |
| Intel | PF48F4000M0Y0   | [SCSP107] | (BEFP)        | (1136) |
| Intel | PF48F4000P0XB   | [SCSP88]  |               | (804)  |
| Intel | PF48F4000P0XB   | [SCSP88]  | (BEFP)        | (804)  |
| Intel | PF48F4000P0XT   | [SCSP88]  |               | (804)  |
| Intel | PF48F4000P0XT   | [SCSP88]  | (BEFP)        | (804)  |
| Intel | PF48F4000P0ZB   | [SCSP88]  |               | (804)  |
| Intel | PF48F4000P0ZBQE | [SCSP88]  |               | (804)  |
| Intel | PF48F4000P0ZT   | [SCSP88]  |               | (804)  |
| Intel | PF48F4000P0ZTQE | [SCSP88]  |               | (804)  |
| Intel | PF48F4400L0YD   | [SCSP88]  |               | (804)  |
| Intel | PF48F4400L0ZD   | [SCSP88]  |               | (805)  |
| Intel | PF48F4400P0TB   | [SCSP88]  |               | (875)  |
| Intel | PF48F4400P0TT   | [SCSP88]  |               | (875)  |
| Intel | PF48F4400P0VB   | [SCSP88]  |               | (875)  |
| Intel | PF48F4400P0VBQE | [SCSP88]  |               | (875)  |
| Intel | PF48F4400P0VBQE | [SCSP88]  | (BEFP)        | (875)  |
| Intel | PF48F4400P0VBQE | [SCSP88]  | (BEFP) (NOR1) | (875)  |
| Intel | PF48F4400P0VBQE | [SCSP88]  | (BEFP) (NOR2) | (875)  |
| Intel | PF48F4400P0VBQE | [SCSP88]  | (NOR1)        | (875)  |
| Intel | PF48F4400P0VBQE | [SCSP88]  | (NOR2)        | (875)  |
| Intel | PF48F5000M0Y0   | [SCSP105] |               | (1189) |
| Intel | PF48F5000M0Y0   | [SCSP105] | (BEFP)        | (1189) |
| Intel | PF48F5000M0Y0   | [SCSP107] |               | (1136) |
| Intel | PF48F5000M0Y0   | [SCSP107] | (BEFP)        | (1136) |
| Intel | PF48F5000M0Y1   | [SCSP105] |               | (1226) |
| Intel | PF48F5000M0Y1   | [SCSP105] | (BEFP)        | (1226) |
| Intel | PF48F5500M0Y0   | [SCSP105] |               | (1189) |
| Intel | PF48F5500M0Y0   | [SCSP105] | (BEFP)        | (1189) |
| Intel | PF48F5500M0Y0   | [SCSP105] | (BEFP) (NOR1) | (1189) |
| Intel | PF48F5500M0Y0   | [SCSP105] | (BEFP) (NOR2) | (1189) |
| Intel | PF48F5500M0Y0   | [SCSP105] | (NOR1)        | (1189) |
| Intel | PF48F5500M0Y0   | [SCSP105] | (NOR2)        | (1189) |
| Intel | PF48F5500M0Y1   | [SCSP105] |               | (1226) |
| Intel | PF48F5500M0Y1   | [SCSP105] | (BEFP)        | (1226) |
| Intel | PF48F5500M0Y1   | [SCSP105] | (BEFP) (NOR1) | (1226) |
| Intel | PF48F5500M0Y1   | [SCSP105] | (BEFP) (NOR2) | (1226) |
| Intel | PF48F5500M0Y1   | [SCSP105] | (NOR1)        | (1226) |
| Intel | PF48F5500M0Y1   | [SCSP105] | (NOR2)        | (1226) |
| Intel | PF48F6000M0Y0   | [SCSP105] |               | (1190) |
| Intel | PF48F6000M0Y0   | [SCSP105] | (BEFP)        | (1190) |
| Intel | PH28F128L18B    | [VFBGA56] |               | (729)  |
| Intel | PH28F128L18T    | [VFBGA56] |               | (729)  |

|       |                 |                     |             |
|-------|-----------------|---------------------|-------------|
| Intel | PH28F128L30B    | [VFBGA56]           | (729)       |
| Intel | PH28F128L30T    | [VFBGA56]           | (729)       |
| Intel | PH28F128W18B    | [VFBGA56]           | (776)       |
| Intel | PH28F128W18T    | [VFBGA56]           | (776)       |
| Intel | PH28F128W30B    | [VFBGA56]           | (776)       |
| Intel | PH28F128W30T    | [VFBGA56]           | (776)       |
| Intel | PH28F160C3B     | [VFBGA48]           | (549)       |
| Intel | PH28F160C3T     | [VFBGA48]           | (549)       |
| Intel | PH28F256L18B    | [VFBGA79]           | (1007)      |
| Intel | PH28F256L18T    | [VFBGA79]           | (1007)      |
| Intel | PH28F256L30B    | [VFBGA79]           | (1007)      |
| Intel | PH28F256L30T    | [VFBGA79]           | (1007)      |
| Intel | PH28F320C3B     | [VFBGA48]           | (549)       |
| Intel | PH28F320C3T     | [VFBGA48]           | (549)       |
| Intel | PH28F320W18B    | [VFBGA56]           | (729)       |
| Intel | PH28F320W18T    | [VFBGA56]           | (729)       |
| Intel | PH28F320W30B    | [VFBGA56]           | (729)       |
| Intel | PH28F320W30T    | [VFBGA56]           | (729)       |
| Intel | PH28F640L18B    | [VFBGA56]           | (729)       |
| Intel | PH28F640L18T    | [VFBGA56]           | (729)       |
| Intel | PH28F640L30B    | [VFBGA56]           | (729)       |
| Intel | PH28F640L30T    | [VFBGA56]           | (729)       |
| Intel | PH28F640W18B    | [VFBGA56]           | (729)       |
| Intel | PH28F640W18T    | [VFBGA56]           | (729)       |
| Intel | PH28F640W30B    | [VFBGA56]           | (729)       |
| Intel | PH28F640W30T    | [VFBGA56]           | (729)       |
| Intel | PN28F256M29EWH  | [VFBGA56]           | (2772)      |
| Intel | PN28F256M29EWL  | [VFBGA56]           | (2772)      |
| Intel | PPLD610         | [PLCC28]            | (48)        |
| Intel | PPLD910         | [PLCC44]            | (67)        |
| Intel | PZ28F032M29EWB  | [BGA48]             | (859)       |
| Intel | PZ28F032M29EWH  | [BGA48]             | (859)       |
| Intel | PZ28F032M29EWL  | [BGA48]             | (859)       |
| Intel | PZ28F032M29EWT  | [BGA48]             | (859)       |
| Intel | PZ28F064M29EWB  | [BGA48]             | (859)       |
| Intel | PZ28F064M29EWBX | [BGA48]             | (859)       |
| Intel | PZ28F064M29EWH  | [BGA48]             | (859)       |
| Intel | PZ28F064M29EWHX | [BGA48]             | (859)       |
| Intel | PZ28F064M29EWL  | [BGA48]             | (859)       |
| Intel | PZ28F064M29EWLX | [BGA48]             | (859)       |
| Intel | PZ28F064M29EWT  | [BGA48]             | (859)       |
| Intel | PZ28F064M29EWTX | [BGA48]             | (859)       |
| Intel | Q27C020         |                     |             |
| Intel | Q27C512         |                     |             |
| Intel | Q27C513         |                     |             |
| Intel | QB25F016S33B    | [SOIC8]             | (3088) (*1) |
| Intel | QB25F016S33T    | [SOIC8]             | (3088) (*1) |
| Intel | QB25F160S33B    | [SOIC16]            | (3101) (*1) |
| Intel | QB25F160S33T    | [SOIC16]            | (3101) (*1) |
| Intel | QB25F320S33B    | [SOIC16]            | (3101) (*1) |
| Intel | QB25F320S33T    | [SOIC16]            | (3101) (*1) |
| Intel | QB25F640S33B    | [SOIC16]            | (3101) (*1) |
| Intel | QB25F640S33T    | [SOIC16]            | (3101) (*1) |
| Intel | QC27010         |                     |             |
| Intel | QC27011         |                     |             |
| Intel | QC27210         |                     |             |
| Intel | QD27010         |                     |             |
| Intel | QD27011         |                     |             |
| Intel | QD27128         |                     |             |
| Intel | QD27128A        |                     |             |
| Intel | QD2716          |                     |             |
| Intel | QD27256         |                     |             |
| Intel | QD2732A         |                     |             |
| Intel | QD27512         |                     |             |
| Intel | QD27513         |                     |             |
| Intel | QD2764          |                     |             |
| Intel | QD2764A         |                     |             |
| Intel | QD27C010        |                     |             |
| Intel | QD27C011        |                     |             |
| Intel | QD27C020        |                     |             |
| Intel | QD27C128        |                     |             |
| Intel | QD27C210        |                     |             |
| Intel | QD27C220        |                     |             |
| Intel | QD27C256        |                     |             |
| Intel | QD27C512        |                     |             |
| Intel | QD27C513        |                     |             |
| Intel | QD27C64         |                     |             |
| Intel | QD8751BH        |                     |             |
| Intel | QD8751H         |                     |             |
| Intel | QD8752BH        |                     |             |
| Intel | QD8755A         |                     |             |
| Intel | QD87C64         |                     |             |
| Intel | QH25F016S33B    | [SOIC8]             | (3088) (*1) |
| Intel | QH25F016S33T    | [SOIC8]             | (3088) (*1) |
| Intel | QH25F160S33B    | [SOIC16]            | (3101) (*1) |
| Intel | QH25F160S33T    | [SOIC16]            | (3101) (*1) |
| Intel | QH25F320S33B    | [SOIC16]            | (3101) (*1) |
| Intel | QH25F320S33T    | [SOIC16]            | (3101) (*1) |
| Intel | QH25F640S33B    | [SOIC16]            | (3101) (*1) |
| Intel | QH25F640S33T    | [SOIC16]            | (3101) (*1) |
| Intel | QN87C257        | [PLCC32]            | (59)        |
| Intel | QP8751BH        |                     |             |
| Intel | QP8751H         |                     |             |
| Intel | QP8752BH        |                     |             |
| Intel | RA28F800F3B     | [Easy BGA64]        | (872)       |
| Intel | RA28F800F3T     | [Easy BGA64]        | (872)       |
| Intel | RC28F00AM29EWH  | [BGA64]             | (1109)      |
| Intel | RC28F00AM29EWL  | [BGA64]             | (1109)      |
| Intel | RC28F00AP30BF   | [EasyBGA64]         | (1307)      |
| Intel | RC28F00AP30BF   | [EasyBGA64] (BEFP)  | (1307)      |
| Intel | RC28F00AP30TF   | [EasyBGA64]         | (1307)      |
| Intel | RC28F00AP30TF   | [EasyBGA64] (BEFP)  | (1307)      |
| Intel | RC28F00BM29EWH  | [BGA64]             | (2599)      |
| Intel | RC28F128J3A     | [Easy BGA64]        | (943)       |
| Intel | RC28F128J3C     | [Easy BGA64]        | (943)       |
| Intel | RC28F128J3D     | [Easy BGA64]        | (943)       |
| Intel | RC28F128J3F     | [Easy BGA64]        | (943)       |
| Intel | RC28F128K18C    | [Easy BGA64]        | (3025)      |
| Intel | RC28F128K3C     | [Easy BGA64]        | (766)       |
| Intel | RC28F128M29EWH  | [BGA64]             | (938)       |
| Intel | RC28F128M29EWL  | [BGA64]             | (938)       |
| Intel | RC28F128P30B    | [Easy BGA64]        | (701)       |
| Intel | RC28F128P30B    | [Easy BGA64] (BEFP) | (701)       |
| Intel | RC28F128P30BF   | [EasyBGA64]         | (701)       |
| Intel | RC28F128P30BF   | [EasyBGA64] (BEFP)  | (701)       |
| Intel | RC28F128P30T    | [Easy BGA64]        | (701)       |
| Intel | RC28F128P30T    | [Easy BGA64] (BEFP) | (701)       |
| Intel | RC28F128P30TF   | [EasyBGA64]         | (701)       |
| Intel | RC28F128P33B    | [Easy BGA64]        | (867)       |
| Intel | RC28F128P33B    | [Easy BGA64] (BEFP) | (867)       |
| Intel | RC28F128P33BF   | [Easy BGA64]        | (867)       |
| Intel | RC28F128P33T    | [Easy BGA64]        | (867)       |
| Intel | RC28F128P33T    | [Easy BGA64] (BEFP) | (867)       |
| Intel | RC28F128P33TF   | [Easy BGA64]        | (867)       |
| Intel | RC28F160C3B     | [Easy BGA64]        | (553)       |
| Intel | RC28F160C3T     | [Easy BGA64]        | (553)       |
| Intel | RC28F160F3B     | [Easy BGA64]        | (872)       |
| Intel | RC28F160F3T     | [Easy BGA64]        | (872)       |

|       |                 |                            |        |
|-------|-----------------|----------------------------|--------|
| Intel | RC28F256J3C     | [Easy BGA64]               | (1297) |
| Intel | RC28F256J3D     | [Easy BGA64]               | (1255) |
| Intel | RC28F256J3F     | [Easy BGA64]               | (1255) |
| Intel | RC28F256K18C    | [Easy BGA64]               | (3026) |
| Intel | RC28F256K3C     | [Easy BGA64]               | (603)  |
| Intel | RC28F256M29EWH  | [BGA64]                    | (938)  |
| Intel | RC28F256M29EWL  | [BGA64]                    | (938)  |
| Intel | RC28F256P30B    | [Easy BGA64]               | (701)  |
| Intel | RC28F256P30B    | [Easy BGA64] (BEFP)        | (701)  |
| Intel | RC28F256P30BF   | [EasyBGA64]                | (701)  |
| Intel | RC28F256P30BF   | [EasyBGA64] (BEFP)         | (701)  |
| Intel | RC28F256P30T    | [Easy BGA64]               | (701)  |
| Intel | RC28F256P30T    | [Easy BGA64] (BEFP)        | (701)  |
| Intel | RC28F256P30TF   | [EasyBGA64]                | (701)  |
| Intel | RC28F256P30TF   | [EasyBGA64] (BEFP)         | (701)  |
| Intel | RC28F256P33B    | [Easy BGA64]               | (701)  |
| Intel | RC28F256P33B    | [Easy BGA64] (BEFP)        | (701)  |
| Intel | RC28F256P33BF   | [Easy BGA64]               | (701)  |
| Intel | RC28F256P33BF   | [Easy BGA64] (BEFP)        | (701)  |
| Intel | RC28F256P33T    | [Easy BGA64]               | (701)  |
| Intel | RC28F256P33T    | [Easy BGA64] (BEFP)        | (701)  |
| Intel | RC28F256P33TF   | [Easy BGA64]               | (701)  |
| Intel | RC28F256P33TF   | [Easy BGA64] (BEFP)        | (701)  |
| Intel | RC28F320C3B     | [Easy BGA64]               | (553)  |
| Intel | RC28F320C3T     | [Easy BGA64]               | (553)  |
| Intel | RC28F320J3A     | [Easy BGA64]               | (943)  |
| Intel | RC28F320J3C     | [Easy BGA64]               | (943)  |
| Intel | RC28F320J3D     | [Easy BGA64]               | (943)  |
| Intel | RC28F320J3F     | [Easy BGA64]               | (943)  |
| Intel | RC28F512M29EWH  | [BGA64]                    | (938)  |
| Intel | RC28F512M29EWL  | [BGA64]                    | (938)  |
| Intel | RC28F640J3A     | [Easy BGA64]               | (943)  |
| Intel | RC28F640J3C     | [Easy BGA64]               | (943)  |
| Intel | RC28F640J3D     | [Easy BGA64]               | (943)  |
| Intel | RC28F640J3F     | [Easy BGA64]               | (943)  |
| Intel | RC28F640K18C    | [Easy BGA64]               | (3025) |
| Intel | RC28F640K3C     | [Easy BGA64]               | (766)  |
| Intel | RC28F640P30B    | [Easy BGA64]               | (701)  |
| Intel | RC28F640P30B    | [Easy BGA64] (BEFP)        | (701)  |
| Intel | RC28F640P30BF   | [EasyBGA64]                | (701)  |
| Intel | RC28F640P30BF   | [EasyBGA64] (BEFP)         | (701)  |
| Intel | RC28F640P30T    | [Easy BGA64]               | (701)  |
| Intel | RC28F640P30T    | [Easy BGA64] (BEFP)        | (701)  |
| Intel | RC28F640P30TF   | [EasyBGA64]                | (701)  |
| Intel | RC28F640P30TF   | [EasyBGA64] (BEFP)         | (701)  |
| Intel | RC28F640P33B    | [Easy BGA64]               | (867)  |
| Intel | RC28F640P33B    | [Easy BGA64] (BEFP)        | (867)  |
| Intel | RC28F640P33BF   | [Easy BGA64]               | (867)  |
| Intel | RC28F640P33T    | [Easy BGA64]               | (867)  |
| Intel | RC28F640P33T    | [Easy BGA64] (BEFP)        | (867)  |
| Intel | RC28F640P33TF   | [Easy BGA64]               | (867)  |
| Intel | RC28F800C3B     | [Easy BGA64]               | (553)  |
| Intel | RC28F800C3T     | [Easy BGA64]               | (553)  |
| Intel | RC28F800F3B     | [Easy BGA64]               | (872)  |
| Intel | RC28F800F3T     | [Easy BGA64]               | (872)  |
| Intel | RC48F3300J0     | [Easy BGA64]               | (1255) |
| Intel | RC48F4400P0TB   | [Easy BGA64]               | (701)  |
| Intel | RC48F4400P0TB0E | [Easy BGA64]               | (701)  |
| Intel | RC48F4400P0TB0E | [Easy BGA64] (BEFP)        | (701)  |
| Intel | RC48F4400P0TB0E | [Easy BGA64] (BEFP) (NOR1) | (701)  |
| Intel | RC48F4400P0TB0E | [Easy BGA64] (BEFP) (NOR2) | (701)  |
| Intel | RC48F4400P0TB0E | [Easy BGA64] (NOR1)        | (701)  |
| Intel | RC48F4400P0TB0E | [Easy BGA64] (NOR2)        | (701)  |
| Intel | RC48F4400P0TT   | [Easy BGA64]               | (701)  |
| Intel | RC48F4400P0VB   | [Easy BGA64]               | (701)  |
| Intel | RC48F4400P0VB0E | [Easy BGA64]               | (701)  |
| Intel | RC48F4400P0VB0E | [Easy BGA64] (BEFP)        | (701)  |
| Intel | RC48F4400P0VB0E | [Easy BGA64] (BEFP) (NOR1) | (701)  |
| Intel | RC48F4400P0VB0E | [Easy BGA64] (BEFP) (NOR2) | (701)  |
| Intel | RC48F4400P0VB0E | [Easy BGA64] (NOR1)        | (701)  |
| Intel | RC48F4400P0VB0E | [Easy BGA64] (NOR2)        | (701)  |
| Intel | RC48F4400P0VT   | [Easy BGA64]               | (701)  |
| Intel | RD28F1602C3B    | [SCSP66]                   | (900)  |
| Intel | RD28F1602C3BD   | [SCSP66]                   | (900)  |
| Intel | RD28F1602C3T    | [SCSP66]                   | (900)  |
| Intel | RD28F1602C3TD   | [SCSP66]                   | (900)  |
| Intel | RD28F1604C3B    | [SCSP66]                   | (901)  |
| Intel | RD28F1604C3BD   | [SCSP66]                   | (900)  |
| Intel | RD28F1604C3T    | [SCSP66]                   | (901)  |
| Intel | RD28F1604C3TD   | [SCSP66]                   | (900)  |
| Intel | RD28F3204C3B    | [SCSP66]                   | (901)  |
| Intel | RD28F3204C3T    | [SCSP66]                   | (901)  |
| Intel | RD28F3208C3B    | [SCSP66]                   | (902)  |
| Intel | RD28F3208C3T    | [SCSP66]                   | (902)  |
| Intel | RD38F1010C0ZB   | [SCSP66]                   | (901)  |
| Intel | RD38F1010C0ZT   | [SCSP66]                   | (901)  |
| Intel | RD38F1020C0ZB   | [SCSP66]                   | (901)  |
| Intel | RD38F1020C0ZT   | [SCSP66]                   | (901)  |
| Intel | RD38F1020W0YB   | [SCSP88]                   | (802)  |
| Intel | RD38F1020W0YT   | [SCSP88]                   | (802)  |
| Intel | RD38F1030W0YB   | [SCSP88]                   | (802)  |
| Intel | RD38F1030W0YT   | [SCSP88]                   | (802)  |
| Intel | RD38F1030W0ZB   | [SCSP88]                   | (803)  |
| Intel | RD38F1030W0ZT   | [SCSP88]                   | (803)  |
| Intel | RD38F2010W0YB   | [SCSP88]                   | (802)  |
| Intel | RD38F2010W0YT   | [SCSP88]                   | (802)  |
| Intel | RD38F2020W0YB   | [SCSP88]                   | (802)  |
| Intel | RD38F2020W0YT   | [SCSP88]                   | (802)  |
| Intel | RD38F2020W0ZB   | [SCSP88]                   | (803)  |
| Intel | RD38F2020W0ZT   | [SCSP88]                   | (803)  |
| Intel | RD38F2030W0YB   | [SCSP88]                   | (802)  |
| Intel | RD38F2030W0YT   | [SCSP88]                   | (802)  |
| Intel | RD38F2030W0ZB   | [SCSP88]                   | (803)  |
| Intel | RD38F2030W0ZT   | [SCSP88]                   | (803)  |
| Intel | RD38F2040W0YB   | [SCSP88]                   | (802)  |
| Intel | RD38F2040W0YT   | [SCSP88]                   | (802)  |
| Intel | RD38F2040W0ZB   | [SCSP88]                   | (803)  |
| Intel | RD38F2040W0ZT   | [SCSP88]                   | (803)  |
| Intel | RD38F2230WWYD   | [SCSP88]                   | (802)  |
| Intel | RD38F2230WWZD   | [SCSP88]                   | (803)  |
| Intel | RD38F2240WWYD   | [SCSP88]                   | (802)  |
| Intel | RD38F2240WWZD   | [SCSP88]                   | (803)  |
| Intel | RD38F3040L0YB   | [SCSP88]                   | (802)  |
| Intel | RD38F3040L0YT   | [SCSP88]                   | (802)  |
| Intel | RD38F3040L0ZB   | [SCSP88]                   | (638)  |
| Intel | RD38F3040L0ZT   | [SCSP88]                   | (638)  |
| Intel | RD38F3050L0YB   | [SCSP88]                   | (802)  |
| Intel | RD38F3050L0YT   | [SCSP88]                   | (802)  |
| Intel | RD38F3050L0ZB   | [SCSP88]                   | (803)  |
| Intel | RD38F3050L0ZT   | [SCSP88]                   | (803)  |
| Intel | RD38F3340LLYD   | [SCSP88]                   | (802)  |
| Intel | RD38F3350LLZD   | [SCSP88]                   | (803)  |
| Intel | RD38F3350WWZD   | [SCSP88]                   | (803)  |
| Intel | RD38F3352LLYD   | [SCSP88]                   | (802)  |
| Intel | RD38F3352LLZB   | [SCSP88]                   | (803)  |
| Intel | RD38F3352LLZD   | [SCSP88]                   | (803)  |
| Intel | RD38F3352LLZT   | [SCSP88]                   | (803)  |
| Intel | RD38F4050L0YB   | [SCSP88]                   | (806)  |

|       |                 |                        |        |
|-------|-----------------|------------------------|--------|
| Intel | RD38F4050LOYT   | [SCSP88]               | (806)  |
| Intel | RD38F4050LOZB   | [SCSP88]               | (805)  |
| Intel | RD38F4050LOZT   | [SCSP88]               | (805)  |
| Intel | RD38F4055LOYB   | [SCSP88]               | (806)  |
| Intel | RD38F4055LOYT   | [SCSP88]               | (806)  |
| Intel | RD38F4055LOZB   | [SCSP88]               | (807)  |
| Intel | RD38F4055LOZT   | [SCSP88]               | (807)  |
| Intel | RD38F4455LLYB   | [SCSP88]               | (806)  |
| Intel | RD38F4455LLYT   | [SCSP88]               | (806)  |
| Intel | RD38F4455LLZB   | [SCSP88]               | (807)  |
| Intel | RD38F4455LLZT   | [SCSP88]               | (807)  |
| Intel | RD48F1000W0YB   | [SCSP88]               | (802)  |
| Intel | RD48F1000W0YT   | [SCSP88]               | (802)  |
| Intel | RD48F2000P0XB   | [SCSP88]               | (637)  |
| Intel | RD48F2000P0XB   | [SCSP88] (BEFP)        | (637)  |
| Intel | RD48F2000P0XT   | [SCSP88]               | (637)  |
| Intel | RD48F2000P0XT   | [SCSP88] (BEFP)        | (637)  |
| Intel | RD48F2000P0ZB   | [SCSP88]               | (637)  |
| Intel | RD48F2000P0ZT   | [SCSP88]               | (637)  |
| Intel | RD48F2100W0YD   | [SCSP88]               | (802)  |
| Intel | RD48F2200W0YD   | [SCSP88]               | (802)  |
| Intel | RD48F3000LOYB   | [SCSP88]               | (637)  |
| Intel | RD48F3000LOYT   | [SCSP88]               | (637)  |
| Intel | RD48F3000LOZB   | [SCSP88]               | (638)  |
| Intel | RD48F3000LOZT   | [SCSP88]               | (638)  |
| Intel | RD48F3000P0XB   | [SCSP88]               | (637)  |
| Intel | RD48F3000P0XB   | [SCSP88] (BEFP)        | (637)  |
| Intel | RD48F3000P0XT   | [SCSP88]               | (637)  |
| Intel | RD48F3000P0XT   | [SCSP88] (BEFP)        | (637)  |
| Intel | RD48F3000P0ZB   | [SCSP88]               | (637)  |
| Intel | RD48F3000P0ZBQE | [SCSP88]               | (637)  |
| Intel | RD48F3000P0ZT   | [SCSP88]               | (637)  |
| Intel | RD48F3000P0ZTQE | [SCSP88]               | (637)  |
| Intel | RD48F3000W0YB   | [SCSP88]               | (637)  |
| Intel | RD48F3000W0YT   | [SCSP88]               | (637)  |
| Intel | RD48F3000W0ZB   | [SCSP88]               | (638)  |
| Intel | RD48F3000W0ZT   | [SCSP88]               | (638)  |
| Intel | RD48F3300LOYD   | [SCSP88]               | (637)  |
| Intel | RD48F3300LOZD   | [SCSP88]               | (638)  |
| Intel | RD48F4000P0XB   | [SCSP88]               | (804)  |
| Intel | RD48F4000P0XB   | [SCSP88] (BEFP)        | (804)  |
| Intel | RD48F4000P0XT   | [SCSP88]               | (804)  |
| Intel | RD48F4000P0XT   | [SCSP88] (BEFP)        | (804)  |
| Intel | RD48F4000P0ZB   | [SCSP88]               | (804)  |
| Intel | RD48F4000P0ZT   | [SCSP88]               | (804)  |
| Intel | RD48F4400LOYBP0 | [SCSP137]              | (2687) |
| Intel | RD48F4400LOYD   | [SCSP88]               | (804)  |
| Intel | RD48F4400LOZD   | [SCSP88]               | (805)  |
| Intel | RD48F4400P0TB   | [SCSP88]               | (875)  |
| Intel | RD48F4400P0TT   | [SCSP88]               | (875)  |
| Intel | RD48F4400P0VB   | [SCSP88]               | (875)  |
| Intel | RD48F4400P0VBQE | [SCSP88]               | (875)  |
| Intel | RD48F4400P0VBQE | [SCSP88] (BEFP)        | (875)  |
| Intel | RD48F4400P0VBQE | [SCSP88] (BEFP) (NOR1) | (875)  |
| Intel | RD48F4400P0VBQE | [SCSP88] (BEFP) (NOR2) | (875)  |
| Intel | RD48F4400P0VBQE | [SCSP88] (NOR1)        | (875)  |
| Intel | RD48F4400P0VBQE | [SCSP88] (NOR2)        | (875)  |
| Intel | RD48F4400P0VT   | [SCSP88]               | (875)  |
| Intel | S8751BH         | [QFP44]                | (94)   |
| Intel | S8752BH         | [QFP44]                | (94)   |
| Intel | S87C51          | [QFP44]                | (94)   |
| Intel | S87C51FA        | [QFP44]                | (94)   |
| Intel | S87C51FB        | [QFP44]                | (94)   |
| Intel | S87C51FC        | [QFP44]                | (94)   |
| Intel | S87C51RA        | [QFP44]                | (94)   |
| Intel | S87C51RB        | [QFP44]                | (94)   |
| Intel | S87C51RC        | [QFP44]                | (94)   |
| Intel | S87C52          | [QFP44]                | (94)   |
| Intel | S87C54          | [QFP44]                | (94)   |
| Intel | S87C58          | [QFP44]                | (94)   |
| Intel | S87L51FA        | [QFP44]                | (94)   |
| Intel | S87L51FB        | [QFP44]                | (94)   |
| Intel | S87L51FC        | [QFP44]                | (94)   |
| Intel | S87L52          | [QFP44]                | (94)   |
| Intel | S87L54          | [QFP44]                | (94)   |
| Intel | S87L58          | [QFP44]                | (94)   |
| Intel | T27C020         |                        |        |
| Intel | T27C256         |                        |        |
| Intel | T27C512         |                        |        |
| Intel | T27C513         |                        |        |
| Intel | T87C257         |                        |        |
| Intel | TB28F004S3      | [PSOP44]               | (1357) |
| Intel | TB28F004S5      | [PSOP44]               | (1357) |
| Intel | TB28F004SC      | [PSOP44]               | (1357) |
| Intel | TB28F008S3      | [PSOP44]               | (1357) |
| Intel | TB28F008S5      | [PSOP44]               | (1357) |
| Intel | TB28F008SA      | [PSOP44]               | (1357) |
| Intel | TB28F008SC      | [PSOP44]               | (1357) |
| Intel | TB28F016S3      | [PSOP44]               | (1357) |
| Intel | TB28F016S5      | [PSOP44]               | (1357) |
| Intel | TB28F016SC      | [PSOP44]               | (1357) |
| Intel | TB28F200B5B     | [PSOP44]               | (1356) |
| Intel | TB28F200B5T     | [PSOP44]               | (1356) |
| Intel | TB28F200BVB     | [PSOP44]               | (1356) |
| Intel | TB28F200BVT     | [PSOP44]               | (1356) |
| Intel | TB28F200BX-B    | [PSOP44]               | (1356) |
| Intel | TB28F200BX-T    | [PSOP44]               | (1356) |
| Intel | TB28F400B5B     | [PSOP44]               | (1356) |
| Intel | TB28F400B5T     | [PSOP44]               | (1356) |
| Intel | TB28F400BVB     | [PSOP44]               | (1356) |
| Intel | TB28F400BVT     | [PSOP44]               | (1356) |
| Intel | TB28F400BX-B    | [PSOP44]               | (1356) |
| Intel | TB28F400BX-T    | [PSOP44]               | (1356) |
| Intel | TB28F800B5B     | [PSOP44]               | (1356) |
| Intel | TB28F800B5T     | [PSOP44]               | (1356) |
| Intel | TB28F800BVB     | [PSOP44]               | (1356) |
| Intel | TB28F800BVT     | [PSOP44]               | (1356) |
| Intel | TC27010         |                        |        |
| Intel | TC27210         |                        |        |
| Intel | TC87C151SA      |                        |        |
| Intel | TC87C151SB      |                        |        |
| Intel | TC87C251SA      |                        |        |
| Intel | TC87C251SB      |                        |        |
| Intel | TC87C251SP      |                        |        |
| Intel | TC87C251SQ      |                        |        |
| Intel | TD27010         |                        |        |
| Intel | TD27011         |                        |        |
| Intel | TD27128         |                        |        |
| Intel | TD27128A        |                        |        |
| Intel | TD27210         |                        |        |
| Intel | TD27256         |                        |        |
| Intel | TD2732A         |                        |        |
| Intel | TD27512         |                        |        |
| Intel | TD27513         |                        |        |
| Intel | TD2764          |                        |        |
| Intel | TD2764A         |                        |        |
| Intel | TD27C010        |                        |        |
| Intel | TD27C011        |                        |        |

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|----------|---------------|------------|--------|--------|
| Intel    | TE28F640P30T  | [TSOP56]   | (BEFP) | (1404) |
| Intel    | TE28F640P33B  | [TSOP56]   |        | (1404) |
| Intel    | TE28F640P33B  | [TSOP56]   | (BEFP) | (1404) |
| Intel    | TE28F640P33T  | [TSOP56]   |        | (1404) |
| Intel    | TE28F640P33T  | [TSOP56]   | (BEFP) | (1404) |
| Intel    | TE28F800B3B   | [TSOP48]   |        | (1346) |
| Intel    | TE28F800B3T   | [TSOP48]   |        | (1346) |
| Intel    | TE28F800B5B   | [TSOP48]   |        | (1346) |
| Intel    | TE28F800B5T   | [TSOP48]   |        | (1346) |
| Intel    | TE28F800C2B   | [TSOP48]   |        | (1346) |
| Intel    | TE28F800C2T   | [TSOP48]   |        | (1346) |
| Intel    | TE28F800C3B   | [TSOP48]   |        | (1346) |
| Intel    | TE28F800C3T   | [TSOP48]   |        | (1346) |
| Intel    | TE28F800Cx8   | [TSOP48]   |        | (1346) |
| Intel    | TE28F800CxT   | [TSOP48]   |        | (1346) |
| Intel    | TE28F800F3B   | [TSOP56]   |        | (1401) |
| Intel    | TE28F800F3T   | [TSOP56]   |        | (1401) |
| Intel    | TE48F4000P0VB | [TSOP56]   |        | (1404) |
| Intel    | TE48F4000P0VT | [TSOP56]   |        | (1404) |
| Intel    | TE48F4400P0TB | [TSOP56]   |        | (1408) |
| Intel    | TE48F4400P0TT | [TSOP56]   |        | (1408) |
| Intel    | TE48F4400P0VB | [TSOP56]   |        | (1408) |
| Intel    | TE48F4400P0VT | [TSOP56]   |        | (1408) |
| Intel    | TF28F020      | [R-TSOP32] |        | (1415) |
| Intel    | TN27C010      | [PLCC32]   |        | (59)   |
| Intel    | TN27C128      | [PLCC32]   |        | (59)   |
| Intel    | TN27C256      | [PLCC32]   |        | (59)   |
| Intel    | TN27C64       | [PLCC32]   |        | (59)   |
| Intel    | TN28F010      | [PLCC32]   |        | (1399) |
| Intel    | TN28F020      | [PLCC32]   |        | (1399) |
| Intel    | TN28F256A     | [PLCC32]   |        | (1399) |
| Intel    | TN28F512      | [PLCC32]   |        | (1399) |
| Intel    | TN5C060       | [PLCC28]   |        | (48)   |
| Intel    | TN5C090       | [PLCC44]   |        | (67)   |
| Intel    | TN5C180       | [PLCC68]   |        | (784)  |
| Intel    | TN8751BH      | [PLCC44]   |        | (67)   |
| Intel    | TN8752BH      | [PLCC44]   |        | (67)   |
| Intel    | TN87C151SA    | [PLCC44]   |        | (67)   |
| Intel    | TN87C151SB    | [PLCC44]   |        | (67)   |
| Intel    | TN87C251SA    | [PLCC44]   |        | (67)   |
| Intel    | TN87C251SB    | [PLCC44]   |        | (67)   |
| Intel    | TN87C251SP    | [PLCC44]   |        | (67)   |
| Intel    | TN87C251SQ    | [PLCC44]   |        | (67)   |
| Intel    | TN87CS1       | [PLCC44]   |        | (67)   |
| Intel    | TN87CS1FA     | [PLCC44]   |        | (67)   |
| Intel    | TN87CS1FB     | [PLCC44]   |        | (67)   |
| Intel    | TN87CS1FC     | [PLCC44]   |        | (67)   |
| Intel    | TN87CS1RA     | [PLCC44]   |        | (67)   |
| Intel    | TN87CS1RB     | [PLCC44]   |        | (67)   |
| Intel    | TN87CS1RC     | [PLCC44]   |        | (67)   |
| Intel    | TN87CS2       | [PLCC44]   |        | (67)   |
| Intel    | TN87CS4       | [PLCC44]   |        | (67)   |
| Intel    | TN87CS8       | [PLCC44]   |        | (67)   |
| Intel    | TN87L51FA     | [PLCC44]   |        | (67)   |
| Intel    | TN87L51FB     | [PLCC44]   |        | (67)   |
| Intel    | TN87L51FC     | [PLCC44]   |        | (67)   |
| Intel    | TN87L52       | [PLCC44]   |        | (67)   |
| Intel    | TN87L54       | [PLCC44]   |        | (67)   |
| Intel    | TN87L58       | [PLCC44]   |        | (67)   |
| Intel    | TP27C128      |            |        |        |
| Intel    | TP27C256      |            |        |        |
| Intel    | TP27C64       |            |        |        |
| Intel    | TP28F010      |            |        |        |
| Intel    | TP28F256A     |            |        |        |
| Intel    | TP28F512      |            |        |        |
| Intel    | TP5C032       |            |        |        |
| Intel    | TP5C032       | [PLCC20]   |        | (47)   |
| Intel    | TP8751BH      |            |        |        |
| Intel    | TP8751H       |            |        |        |
| Intel    | TP8752BH      |            |        |        |
| Intel    | TP8755A       |            |        |        |
| Intel    | TP87C151SA    |            |        |        |
| Intel    | TP87C151SB    |            |        |        |
| Intel    | TP87C251SA    |            |        |        |
| Intel    | TP87C251SB    |            |        |        |
| Intel    | TP87C251SP    |            |        |        |
| Intel    | TP87C251SQ    |            |        |        |
| Intel    | TP87CS1       |            |        |        |
| Intel    | TP87CS1FA     |            |        |        |
| Intel    | TP87CS1FB     |            |        |        |
| Intel    | TP87CS1FC     |            |        |        |
| Intel    | TP87CS1RA     |            |        |        |
| Intel    | TP87CS1RB     |            |        |        |
| Intel    | TP87CS1RC     |            |        |        |
| Intel    | TP87CS2       |            |        |        |
| Intel    | TP87CS4       |            |        |        |
| Intel    | TP87CS8       |            |        |        |
| Intel    | TP87C64       |            |        |        |
| Intel    | TS8751BH      | [QFP44]    |        | (94)   |
| Intel    | TS8752BH      | [QFP44]    |        | (94)   |
| Intel    | TS87CS1       | [QFP44]    |        | (94)   |
| Intel    | TS87CS1FA     | [QFP44]    |        | (94)   |
| Intel    | TS87CS1FB     | [QFP44]    |        | (94)   |
| Intel    | TS87CS1FC     | [QFP44]    |        | (94)   |
| Intel    | TS87CS1RA     | [QFP44]    |        | (94)   |
| Intel    | TS87CS1RB     | [QFP44]    |        | (94)   |
| Intel    | TS87CS1RC     | [QFP44]    |        | (94)   |
| Intel    | TS87CS2       | [QFP44]    |        | (94)   |
| Intel    | TS87CS4       | [QFP44]    |        | (94)   |
| Intel    | TS87CS8       | [QFP44]    |        | (94)   |
| Intel    | TS87L51FA     | [QFP44]    |        | (94)   |
| Intel    | TS87L51FB     | [QFP44]    |        | (94)   |
| Intel    | TS87L51FC     | [QFP44]    |        | (94)   |
| Intel    | TS87L52       | [QFP44]    |        | (94)   |
| Intel    | TS87L54       | [QFP44]    |        | (94)   |
| Intel    | TS87L58       | [QFP44]    |        | (94)   |
| Intel    | UJ8751BH      |            |        |        |
| Intel    | UJ8751H       |            |        |        |
| Intel    | UJ8752BH      |            |        |        |
| Intel    | UJ87C151SA    |            |        |        |
| Intel    | UJ87C151SB    |            |        |        |
| Intel    | UJ87C251SA    |            |        |        |
| Intel    | UJ87C251SB    |            |        |        |
| Intel    | UJ87C251SP    |            |        |        |
| Intel    | UJ87C251SQ    |            |        |        |
| Intel    | UJ87CS1       |            |        |        |
| Intel    | UJ87CS1FA     |            |        |        |
| Intel    | UJ87CS1FB     |            |        |        |
| Intel    | UJ87CS1FC     |            |        |        |
| Intel    | UJ87CS1RA     |            |        |        |
| Intel    | UJ87CS1RB     |            |        |        |
| Intel    | UJ87CS1RC     |            |        |        |
| Intel    | UJ87CS2       |            |        |        |
| Intel    | UJ87CS4       |            |        |        |
| Intel    | UJ87CS8       |            |        |        |
| Intel    | VS28F016sv    | [SSOP56]   |        | (73)   |
| Intersil | ISL12026      | [SOIC8]    |        | (950)  |
| Intersil | ISL12026      | [TSSOP8]   |        | (121)  |



|          |                                 |              |
|----------|---------------------------------|--------------|
| Intersil | ISL12026A [SOIC8]               | (950)        |
| Intersil | ISL12026A [TSSOP8]              | (121)        |
| Intersil | ISL22316 [MSOP10]               | (984)        |
| Intersil | ISL22319 [MSOP8]                | (605)        |
| Intersil | ISL22323 [TSSOP14]              | (1087)       |
| Intersil | ISL22326 [TSSOP14]              | (1087)       |
| Intersil | ISL22329 [MSOP10]               | (984)        |
| Intersil | ISL22346 [TSSOP20]              | (1089)       |
| Intersil | ISL22349 [TSSOP14]              | (1087)       |
| Intersil | ISL6388 [QFN40]                 | (3134)       |
| Intersil | ISL68124 [QFN40-5x5]            | (4194)       |
| Intersil | ISL68127 [QFN48]                | (4388)       |
| Intersil | ISL68134 [QFN40-5x5]            | (4194)       |
| Intersil | ISL68137 [QFN48]                | (4388)       |
| Intersil | ISL68144 [QFN40-5x5]            | (4194)       |
| Intersil | ISL68147 [QFN48-6x6]            | (4388)       |
| Intersil | ISL69124 [QFN40]                | (4194)       |
| Intersil | ISL69125 [QFN40]                | (4194)       |
| Intersil | ISL69127 [QFN48-6x6]            | (4388)       |
| Intersil | ISL69128 [QFN48-6x6]            | (4388)       |
| Intersil | ISL69129 [QFN48-6x6]            | (4388)       |
| Intersil | ISL69133 [QFN40-5x5]            | (4194)       |
| Intersil | ISL69134 [QFN40-5x5]            | (4194)       |
| Intersil | ISL69137 [QFN48]                | (4388)       |
| Intersil | ISL69138 [QFN48]                | (4388)       |
| Intersil | ISL69144 [QFN40-5x5]            | (4194)       |
| Intersil | ISL69147 [QFN48-6x6]            | (4388)       |
| Intersil | ISL69158 [QFN48-6x6]            | (4388)       |
| Intersil | ISL94203 [TQFN48]               | (4872)       |
| Intersil | ISL95311 [MSOP10]               | (984)        |
| Intersil | ISL95810 [MSOP8]                | (605)        |
| Intersil | X28C010                         |              |
| Intersil | X28C010 [FP32]                  | (1546)       |
| Intersil | X28C010 [PLCC32]                | (59)         |
| Intersil | X28C010 [TSOP40]                | (56)         |
| Intersil | X28C512                         |              |
| Intersil | X28C512 [FP32]                  | (1546)       |
| Intersil | X28C512 [LCC32]                 | (561)        |
| Intersil | X28C512 [PLCC32]                | (59)         |
| Intersil | X28C512 [TSOP40]                | (56)         |
| Intersil | X28C513 [LCC32]                 | (561)        |
| Intersil | X28C513 [PLCC32]                | (59)         |
| Intersil | X28HC256                        |              |
| Intersil | X28HC256 [FP28]                 | (1546)       |
| Intersil | X28HC256 [LCC32]                | (561)        |
| Intersil | X28HC256 [PLCC32]               | (59)         |
| Intersil | X28HC256 [SOIC28]               | (51)         |
| Intersil | X28HC256 [TSOP32]               | (56)         |
| Intersil | X28HC64                         |              |
| Intersil | X28HC64 [FP28]                  | (1546)       |
| Intersil | X28HC64 [LCC32]                 | (561)        |
| Intersil | X28HC64 [PLCC32]                | (59)         |
| Intersil | X28HC64 [SOIC28]                | (51)         |
| Intersil | X28HC64 [TSOP32]                | (56)         |
| Intersil | X4043                           |              |
| Intersil | X4043 [MSOP8]                   | (605)        |
| Intersil | X4043 [SOIC8]                   | (950)        |
| Intersil | X4045                           |              |
| Intersil | X4045 [MSOP8]                   | (605)        |
| Intersil | X4045 [SOIC8]                   | (950)        |
| Intersil | X4163 [SOIC8]                   | (950)        |
| Intersil | X4163 [TSSOP8]                  | (121)        |
| Intersil | X4165 [SOIC8]                   | (950)        |
| Intersil | X4165 [TSSOP8]                  | (121)        |
| Intersil | X4283 [SOIC8]                   | (950)        |
| Intersil | X4283 [TSSOP8]                  | (121)        |
| Intersil | X4285 [SOIC8]                   | (950)        |
| Intersil | X4285 [TSSOP8]                  | (121)        |
| Intersil | X4323 [SOIC8]                   | (950)        |
| Intersil | X4323 [TSSOP8]                  | (121)        |
| Intersil | X4325 [SOIC8]                   | (950)        |
| Intersil | X4325 [TSSOP8]                  | (121)        |
| Intersil | X4643 [SOIC8]                   | (950)        |
| Intersil | X4643 [TSSOP8]                  | (121)        |
| Intersil | X4645 [SOIC8]                   | (950)        |
| Intersil | X4645 [TSSOP8]                  | (121)        |
| Intersil | X9221A                          |              |
| Intersil | X9221A [SOIC20]                 | (119)        |
| Intersil | X9241A                          |              |
| Intersil | X9241A [SOIC20]                 | (119)        |
| Intersil | X9241A [TSSOP20]                | (1089)       |
| Intersil | X95820 [TSSOP14]                | (1087)       |
| Intersil | X95840 [TSSOP20]                | (1089)       |
| Intersil | ZL2004 [QFN32]                  | (1272)       |
| Intersil | ZL2004-01 [QFN32]               | (1272)       |
| Intersil | ZL2005 [QFN36]                  | (1270)       |
| Intersil | ZL2005-02 [QFN36]               | (1270)       |
| Intersil | ZL2005P [QFN36]                 | (1270)       |
| Intersil | ZL2006 [QFN36]                  | (1270)       |
| Intersil | ZL2008 [QFN36]                  | (1270)       |
| Intersil | ZL2105 [QFN36]                  | (1271)       |
| Intersil | ZL2106 [QFN36]                  | (1271)       |
| Intersil | ZL6100 [QFN36]                  | (1270)       |
| Intersil | ZL6105 [QFN36]                  | (3133)       |
| IR       | IR35201 [QFN56]                 | (3495)       |
| IR       | IR35203 [QFN48]                 | (3569)       |
| IR       | IR35204 [QFN40]                 | (4047)       |
| IR       | IR35207 rev. 1 [QFN40] (SICF)   | (4098)       |
| IR       | IR35207 rev. 2/3 [QFN40] (SICF) | (4098)       |
| IR       | IR35215 rev. 1 [QFN40] (SICF)   | (4098)       |
| IR       | IR35215 rev. 2/3 [QFN40] (SICF) | (4098)       |
| IR       | IR35215 rev. 5 [QFN40] (SICF)   | (4098)       |
| IR       | IR35217 [QFN56]                 | (3495)       |
| IR       | IR35223 [QFN48] (SICF)          | (5011)       |
| IR       | IR3536 [QFN48]                  | (2565)       |
| IR       | IR3536A [QFN48]                 | (2565)       |
| IR       | IR3538 [QFN56]                  | (2567)       |
| IR       | IR3538A [QFN56]                 | (2567)       |
| IR       | IR3541 [QFN40]                  | (2324)       |
| IR       | IR3541A [QFN40]                 | (2324)       |
| IR       | IR3563A [QFN48]                 | (2883)       |
| IR       | IR3563B [QFN48]                 | (2883)       |
| IR       | IR3564A [QFN40]                 | (2882)       |
| IR       | IR3564B [QFN40]                 | (2882)       |
| IR       | IR3566A [QFN48]                 | (2883)       |
| IR       | IR3566B [QFN48]                 | (2883)       |
| IR       | IR3567B [QFN56]                 | (4195)       |
| IR       | IR3570A [QFN40]                 | (2882)       |
| IR       | IR3570B [QFN40]                 | (2882)       |
| IR       | IR3580 (ISP)                    | (138) (9997) |
| IR       | IR3580 [QFN48]                  | (2883)       |
| IR       | IR3581 [QFN48]                  | (2883)       |
| IR       | IR3584 [QFN40]                  | (2882)       |
| IR       | IR3595A [QFN56]                 | (4544)       |
| IR       | IR38063 [PQFN24]                | (4241)       |
| IR       | IR38163 [PQFN24]                | (4241)       |
| IR       | IRMCF171 [LQFP48]               | (4954)       |
| IR       | IRMCF188 [LQFP64]               | (5003)       |

|      |                           |             |
|------|---------------------------|-------------|
| IR   | IRMCK099M [QFN32]         | (4510)      |
| ISSI | IS21ES04G-JCLI [FBGA153]  | (3148) (*1) |
| ISSI | IS21ES04G-JQLI [FBGA100]  | (3310) (*1) |
| ISSI | IS21ES08G-JCLI [FBGA153]  | (3148) (*1) |
| ISSI | IS21ES08G-JQLI [FBGA100]  | (3310) (*1) |
| ISSI | IS21ES16G-JCLI [FBGA153]  | (3148) (*1) |
| ISSI | IS21ES16G-JQLI [FBGA100]  | (3310) (*1) |
| ISSI | IS21ES32G-JCLI [FBGA153]  | (3148) (*1) |
| ISSI | IS21ES32G-JQLI [FBGA100]  | (3310) (*1) |
| ISSI | IS21ES64G-JCLI [FBGA153]  | (3148) (*1) |
| ISSI | IS21ES64G-JQLI [FBGA100]  | (3310) (*1) |
| ISSI | IS22ES04G-JCLA1 [FBGA153] | (3148) (*1) |
| ISSI | IS22ES08G-JCLA1 [FBGA153] | (3148) (*1) |
| ISSI | IS24C01-2/3               |             |
| ISSI | IS24C01-2/3 (ISP)         | (138)       |
| ISSI | IS24C01-2/3 [MSOP8]       | (605)       |
| ISSI | IS24C01-2/3 [SOIC8]       | (950)       |
| ISSI | IS24C01-2/3 [TSSOP8]      | (121)       |
| ISSI | IS24C01B                  |             |
| ISSI | IS24C01B (ISP)            | (138)       |
| ISSI | IS24C01B [DFN8]           | (2995)      |
| ISSI | IS24C01B [SOIC8]          | (950)       |
| ISSI | IS24C01B [TSSOP8]         | (121)       |
| ISSI | IS24C01B [UDFN8]          | (4538)      |
| ISSI | IS24C01C (ISP)            | (138)       |
| ISSI | IS24C01C [SOIC8]          | (950)       |
| ISSI | IS24C01C [TSSOP8]         | (121)       |
| ISSI | IS24C01C [UDFN8]          | (4538)      |
| ISSI | IS24C02-2/3               |             |
| ISSI | IS24C02-2/3 (ISP)         | (138)       |
| ISSI | IS24C02-2/3 [MSOP8]       | (605)       |
| ISSI | IS24C02-2/3 [SOIC8]       | (950)       |
| ISSI | IS24C02-2/3 [TSSOP8]      | (121)       |
| ISSI | IS24C02A                  |             |
| ISSI | IS24C02A (ISP)            | (138)       |
| ISSI | IS24C02A [DFN8]           | (2995)      |
| ISSI | IS24C02A [MSOP8]          | (605)       |
| ISSI | IS24C02A [SOIC8]          | (950)       |
| ISSI | IS24C02A [TSSOP8]         | (121)       |
| ISSI | IS24C02B                  |             |
| ISSI | IS24C02B (ISP)            | (138)       |
| ISSI | IS24C02B [DFN8]           | (2995)      |
| ISSI | IS24C02B [SOIC8]          | (950)       |
| ISSI | IS24C02B [TSSOP8]         | (121)       |
| ISSI | IS24C02B [UDFN8]          | (4538)      |
| ISSI | IS24C02C                  |             |
| ISSI | IS24C02C (ISP)            | (138)       |
| ISSI | IS24C02C [DFN8]           | (2995)      |
| ISSI | IS24C02C [MSOP8]          | (605)       |
| ISSI | IS24C02C [SOIC8]          | (950)       |
| ISSI | IS24C02C [TSSOP8]         | (121)       |
| ISSI | IS24C02D                  |             |
| ISSI | IS24C02D (ISP)            | (138)       |
| ISSI | IS24C02D [DFN8]           | (2995)      |
| ISSI | IS24C02D [MSOP8]          | (605)       |
| ISSI | IS24C02D [SOIC8]          | (950)       |
| ISSI | IS24C02D [TSSOP8]         | (121)       |
| ISSI | IS24C02E (ISP)            | (138)       |
| ISSI | IS24C02E [SOIC8]          | (950)       |
| ISSI | IS24C02E [TSSOP8]         | (121)       |
| ISSI | IS24C02E [UDFN8]          | (4538)      |
| ISSI | IS24C04-2/3               |             |
| ISSI | IS24C04-2/3 (ISP)         | (138)       |
| ISSI | IS24C04-2/3 [SOIC8]       | (950)       |
| ISSI | IS24C04-2/3 [TSSOP8]      | (121)       |
| ISSI | IS24C04A                  |             |
| ISSI | IS24C04A (ISP)            | (138)       |
| ISSI | IS24C04A [DFN8]           | (2995)      |
| ISSI | IS24C04A [MSOP8]          | (605)       |
| ISSI | IS24C04A [SOIC8]          | (950)       |
| ISSI | IS24C04A [TSSOP8]         | (121)       |
| ISSI | IS24C04B (ISP)            | (138)       |
| ISSI | IS24C04B [SOIC8]          | (950)       |
| ISSI | IS24C04B [TSSOP8]         | (121)       |
| ISSI | IS24C04B [UDFN8]          | (4538)      |
| ISSI | IS24C08-2/3               |             |
| ISSI | IS24C08-2/3 (ISP)         | (138)       |
| ISSI | IS24C08-2/3 [SOIC8]       | (950)       |
| ISSI | IS24C08-2/3 [TSSOP8]      | (121)       |
| ISSI | IS24C08A                  |             |
| ISSI | IS24C08A (ISP)            | (138)       |
| ISSI | IS24C08A [DFN8]           | (2995)      |
| ISSI | IS24C08A [MSOP8]          | (605)       |
| ISSI | IS24C08A [SOIC8]          | (950)       |
| ISSI | IS24C08A [TSSOP8]         | (121)       |
| ISSI | IS24C08B (ISP)            | (138)       |
| ISSI | IS24C08B [SOIC8]          | (950)       |
| ISSI | IS24C08B [TSSOP8]         | (121)       |
| ISSI | IS24C08B [UDFN8]          | (4538)      |
| ISSI | IS24C128                  |             |
| ISSI | IS24C128 (ISP)            | (138)       |
| ISSI | IS24C128 [SOIC8]          | (950)       |
| ISSI | IS24C128 [TSSOP14]        | (1087)      |
| ISSI | IS24C128A                 |             |
| ISSI | IS24C128A (ISP)           | (138)       |
| ISSI | IS24C128A [SOIC8-150]     | (950)       |
| ISSI | IS24C128A [SOIC8-200]     | (46)        |
| ISSI | IS24C128B-2               |             |
| ISSI | IS24C128B-2 (ISP)         | (138)       |
| ISSI | IS24C128B-2 [SOIC8-150]   | (950)       |
| ISSI | IS24C128B-2 [SOIC8-200]   | (46)        |
| ISSI | IS24C128B-2 [TSSOP8]      | (121)       |
| ISSI | IS24C128B-3               |             |
| ISSI | IS24C128B-3 (ISP)         | (138)       |
| ISSI | IS24C128B-3 [SOIC8-150]   | (950)       |
| ISSI | IS24C128B-3 [SOIC8-200]   | (46)        |
| ISSI | IS24C128B-3 [TSSOP8]      | (121)       |
| ISSI | IS24C16-2/3               |             |
| ISSI | IS24C16-2/3 (ISP)         | (138)       |
| ISSI | IS24C16-2/3 [SOIC8]       | (950)       |
| ISSI | IS24C16A                  |             |
| ISSI | IS24C16A (ISP)            | (138)       |
| ISSI | IS24C16A [DFN8]           | (2995)      |
| ISSI | IS24C16A [MSOP8]          | (605)       |
| ISSI | IS24C16A [SOIC8]          | (950)       |
| ISSI | IS24C16A [TSSOP8]         | (121)       |
| ISSI | IS24C16B (ISP)            | (138)       |
| ISSI | IS24C16B [SOIC8]          | (950)       |
| ISSI | IS24C16B [TSSOP8]         | (121)       |
| ISSI | IS24C16B [UDFN8]          | (4538)      |
| ISSI | IS24C256                  |             |
| ISSI | IS24C256 (ISP)            | (138)       |
| ISSI | IS24C256 [SOIC8]          | (950)       |
| ISSI | IS24C256 [TSSOP14]        | (1087)      |
| ISSI | IS24C256A                 |             |
| ISSI | IS24C256A (ISP)           | (138)       |
| ISSI | IS24C256A [SOIC8-150]     | (950)       |
| ISSI | IS24C256A [SOIC8-200]     | (46)        |

|      |                              |             |
|------|------------------------------|-------------|
| ISSI | IS24C256B (ISP)              | (138)       |
| ISSI | IS24C256B [SOIC8]            | (950)       |
| ISSI | IS24C256B [TSSOP8]           | (121)       |
| ISSI | IS24C32-2/3                  |             |
| ISSI | IS24C32-2/3 (ISP)            | (138)       |
| ISSI | IS24C32-2/3 [SOIC8]          | (950)       |
| ISSI | IS24C32A                     |             |
| ISSI | IS24C32A (ISP)               | (138)       |
| ISSI | IS24C32A [DFN8]              | (2995)      |
| ISSI | IS24C32A [MSOP8]             | (605)       |
| ISSI | IS24C32A [SOIC8]             | (950)       |
| ISSI | IS24C32A [TSSOP8]            | (121)       |
| ISSI | IS24C32B                     |             |
| ISSI | IS24C32B (ISP)               | (138)       |
| ISSI | IS24C32B [DFN8]              | (2995)      |
| ISSI | IS24C32B [MSOP8]             | (605)       |
| ISSI | IS24C32B [SOIC8]             | (950)       |
| ISSI | IS24C32B [TSSOP8]            | (121)       |
| ISSI | IS24C32C                     |             |
| ISSI | IS24C32C (ISP)               | (138)       |
| ISSI | IS24C32C [DFN8]              | (2995)      |
| ISSI | IS24C32C [MSOP8]             | (605)       |
| ISSI | IS24C32C [SOIC8]             | (950)       |
| ISSI | IS24C32C [TSSOP8]            | (121)       |
| ISSI | IS24C64-2/3                  |             |
| ISSI | IS24C64-2/3 (ISP)            | (138)       |
| ISSI | IS24C64-2/3 [SOIC8]          | (950)       |
| ISSI | IS24C64A                     |             |
| ISSI | IS24C64A (ISP)               | (138)       |
| ISSI | IS24C64A [DFN8]              | (2995)      |
| ISSI | IS24C64A [MSOP8]             | (605)       |
| ISSI | IS24C64A [SOIC8]             | (950)       |
| ISSI | IS24C64A [TSSOP8]            | (121)       |
| ISSI | IS24C64B                     |             |
| ISSI | IS24C64B (ISP)               | (138)       |
| ISSI | IS24C64B [DFN8]              | (2995)      |
| ISSI | IS24C64B [MSOP8]             | (605)       |
| ISSI | IS24C64B [SOIC8]             | (950)       |
| ISSI | IS24C64B [TSSOP8]            | (121)       |
| ISSI | IS24C64C (ISP)               | (138)       |
| ISSI | IS24C64C [SOIC8]             | (950)       |
| ISSI | IS24C64C [TSSOP8]            | (121)       |
| ISSI | IS24C64C [UDFN8]             | (4538)      |
| ISSI | IS24L128                     |             |
| ISSI | IS24L128 (ISP)               | (138)       |
| ISSI | IS24L128 [SOIC8-150]         | (950)       |
| ISSI | IS24L128 [SOIC8-200]         | (46)        |
| ISSI | IS24L256                     |             |
| ISSI | IS24L256 (ISP)               | (138)       |
| ISSI | IS24L256 [SOIC8-150]         | (950)       |
| ISSI | IS24L256 [SOIC8-200]         | (46)        |
| ISSI | IS25C01                      |             |
| ISSI | IS25C01 (ISP)                | (138)       |
| ISSI | IS25C01 [SOIC8]              | (950)       |
| ISSI | IS25C01 [TSSOP8]             | (121)       |
| ISSI | IS25C02                      |             |
| ISSI | IS25C02 (ISP)                | (138)       |
| ISSI | IS25C02 [SOIC8]              | (950)       |
| ISSI | IS25C02 [TSSOP8]             | (121)       |
| ISSI | IS25C04                      |             |
| ISSI | IS25C04 (ISP)                | (138)       |
| ISSI | IS25C04 [SOIC8]              | (950)       |
| ISSI | IS25C04 [TSSOP8]             | (121)       |
| ISSI | IS25C08                      |             |
| ISSI | IS25C08 (ISP)                | (138)       |
| ISSI | IS25C08 [SOIC8]              | (950)       |
| ISSI | IS25C08 [TDFN8]              | (2995)      |
| ISSI | IS25C08 [TSSOP8]             | (121)       |
| ISSI | IS25C08B (ISP)               | (138)       |
| ISSI | IS25C08B [SOIC8]             | (950)       |
| ISSI | IS25C08B [TSSOP8]            | (121)       |
| ISSI | IS25C08B [UDFN8]             | (4538)      |
| ISSI | IS25C128                     |             |
| ISSI | IS25C128 (ISP)               | (138)       |
| ISSI | IS25C128 [SOIC8-150]         | (950)       |
| ISSI | IS25C128 [SOIC8-200]         | (46)        |
| ISSI | IS25C128A                    |             |
| ISSI | IS25C128A (ISP)              | (138)       |
| ISSI | IS25C128A [SOIC8-150]        | (950)       |
| ISSI | IS25C128A [SOIC8-200]        | (46)        |
| ISSI | IS25C128A [TSSOP8]           | (121)       |
| ISSI | IS25C16                      |             |
| ISSI | IS25C16 (ISP)                | (138)       |
| ISSI | IS25C16 [SOIC8]              | (950)       |
| ISSI | IS25C16 [TDFN8]              | (2995)      |
| ISSI | IS25C16 [TSSOP8]             | (121)       |
| ISSI | IS25C16B (ISP)               | (138)       |
| ISSI | IS25C16B [SOIC8]             | (950)       |
| ISSI | IS25C16B [TSSOP8]            | (121)       |
| ISSI | IS25C16B [UDFN8]             | (4538)      |
| ISSI | IS25C256                     |             |
| ISSI | IS25C256 (ISP)               | (138)       |
| ISSI | IS25C256 [SOIC8-150]         | (950)       |
| ISSI | IS25C256 [SOIC8-200]         | (46)        |
| ISSI | IS25C32                      |             |
| ISSI | IS25C32 (ISP)                | (138)       |
| ISSI | IS25C32 [SOIC8]              | (950)       |
| ISSI | IS25C32 [TSSOP14]            | (1087)      |
| ISSI | IS25C32A                     |             |
| ISSI | IS25C32A (ISP)               | (138)       |
| ISSI | IS25C32A [SOIC8]             | (950)       |
| ISSI | IS25C32A [TSSOP8]            | (121)       |
| ISSI | IS25C32B                     |             |
| ISSI | IS25C32B (ISP)               | (138)       |
| ISSI | IS25C32B [DFN8]              | (2995)      |
| ISSI | IS25C32B [SOIC8]             | (950)       |
| ISSI | IS25C32B [TSSOP8]            | (121)       |
| ISSI | IS25C64                      |             |
| ISSI | IS25C64 (ISP)                | (138)       |
| ISSI | IS25C64 [SOIC8]              | (950)       |
| ISSI | IS25C64 [TSSOP14]            | (1087)      |
| ISSI | IS25C64A                     |             |
| ISSI | IS25C64A (ISP)               | (138)       |
| ISSI | IS25C64A [SOIC8]             | (950)       |
| ISSI | IS25C64A [TSSOP8]            | (121)       |
| ISSI | IS25C64B (ISP)               | (138)       |
| ISSI | IS25C64B [DFN8]              | (2995)      |
| ISSI | IS25C64B [SOIC8]             | (950)       |
| ISSI | IS25C64B [TSSOP8]            | (121)       |
| ISSI | IS25CD010 (ISP)              | (138)       |
| ISSI | IS25CD010 [SOIC8]            | (3095) (*1) |
| ISSI | IS25CD010 [SOIC8] (DualSPI)  | (3095) (*1) |
| ISSI | IS25CD010 [TSSOP8]           | (1388)      |
| ISSI | IS25CD010 [TSSOP8] (DualSPI) | (1388)      |
| ISSI | IS25CD010 [WSON8]            | (3097) (*1) |
| ISSI | IS25CD010 [WSON8] (DualSPI)  | (3097) (*1) |
| ISSI | IS25CD020 (ISP)              | (138)       |
| ISSI | IS25CD020 [SOIC8]            | (3095) (*1) |

|      |               |               |            |              |
|------|---------------|---------------|------------|--------------|
| ISSI | IS25CD020     | [SOIC8]       | (DualSPI)  | (3095) (*1)  |
| ISSI | IS25CD020     | [TSSOP8]      |            | (1388)       |
| ISSI | IS25CD020     | [TSSOP8]      | (DualSPI)  | (1388)       |
| ISSI | IS25CD020     | [WSON8]       |            | (3097) (*1)  |
| ISSI | IS25CD020     | [WSON8]       | (DualSPI)  | (3097) (*1)  |
| ISSI | IS25CD025     | [ISP]         |            | (138)        |
| ISSI | IS25CD025     | [SOIC8]       |            | (3095) (*1)  |
| ISSI | IS25CD025     | [SOIC8]       | (DualSPI)  | (3095) (*1)  |
| ISSI | IS25CD025     | [TSSOP8]      |            | (1388)       |
| ISSI | IS25CD025     | [TSSOP8]      | (DualSPI)  | (1388)       |
| ISSI | IS25CD512     | [ISP]         |            | (138)        |
| ISSI | IS25CD512     | [SOIC8]       |            | (3095) (*1)  |
| ISSI | IS25CD512     | [SOIC8]       | (DualSPI)  | (3095) (*1)  |
| ISSI | IS25CD512     | [TSSOP8]      |            | (1388)       |
| ISSI | IS25CD512     | [TSSOP8]      | (DualSPI)  | (1388)       |
| ISSI | IS25CD512     | [USON8]       |            | (3935) (*1)  |
| ISSI | IS25CD512     | [USON8]       | (DualSPI)  | (3934) (*1)  |
| ISSI | IS25CD512     | [WSON8]       |            | (3097) (*1)  |
| ISSI | IS25CD512     | [WSON8]       | (DualSPI)  | (3097) (*1)  |
| ISSI | IS25CQ032     | [SOIC16]      |            | (3101) (*1)  |
| ISSI | IS25CQ032     | [SOIC16]      | (Quad I/O) | (3101) (*1)  |
| ISSI | IS25CQ032     | [SOIC8-200]   |            | (3088) (*1)  |
| ISSI | IS25CQ032     | [SOIC8-200]   | (Quad I/O) | (3088) (*1)  |
| ISSI | IS25CQ032     | [TFBGA24 6x8] |            | (1268) (*1)  |
| ISSI | IS25CQ032     | [TFBGA24 6x8] | (Quad I/O) | (1268) (*1)  |
| ISSI | IS25CQ032     | [VSOP8-200]   |            | (3088) (*1)  |
| ISSI | IS25CQ032     | [VSOP8-200]   | (Quad I/O) | (3088) (*1)  |
| ISSI | IS25CQ032     | [WSON8 6x5]   |            | (3097) (*1)  |
| ISSI | IS25CQ032     | [WSON8 6x5]   | (Quad I/O) | (3097) (*1)  |
| ISSI | IS25CQ032     | [WSON8 8x6]   |            | (3053) (*1)  |
| ISSI | IS25CQ032     | [WSON8 8x6]   | (Quad I/O) | (3053) (*1)  |
| ISSI | IS25LD010     | [ISP]         |            | (138)        |
| ISSI | IS25LD010     | [SOIC8-150]   |            | (3095) (*1)  |
| ISSI | IS25LD010     | [SOIC8-150]   | (DualSPI)  | (3095) (*1)  |
| ISSI | IS25LD010     | [TSSOP8]      |            | (1388)       |
| ISSI | IS25LD010     | [TSSOP8]      | (DualSPI)  | (1388)       |
| ISSI | IS25LD010     | [VVSOP8-150]  |            | (3095) (*1)  |
| ISSI | IS25LD010     | [VVSOP8-150]  | (DualSPI)  | (3095) (*1)  |
| ISSI | IS25LD010     | [WSON8]       |            | (3097) (*1)  |
| ISSI | IS25LD010     | [WSON8]       | (DualSPI)  | (3097) (*1)  |
| ISSI | IS25LD020     | [ISP]         |            | (138)        |
| ISSI | IS25LD020     | [SOIC8-150]   |            | (3095) (*1)  |
| ISSI | IS25LD020     | [SOIC8-150]   | (DualSPI)  | (3095) (*1)  |
| ISSI | IS25LD020     | [TSSOP8]      |            | (1388)       |
| ISSI | IS25LD020     | [TSSOP8]      | (DualSPI)  | (1388)       |
| ISSI | IS25LD020     | [VVSOP8-150]  |            | (3095) (*1)  |
| ISSI | IS25LD020     | [VVSOP8-150]  | (DualSPI)  | (3095) (*1)  |
| ISSI | IS25LD020     | [WSON8]       |            | (3097) (*1)  |
| ISSI | IS25LD020     | [WSON8]       | (DualSPI)  | (3097) (*1)  |
| ISSI | IS25LD040     | [ISP]         |            | (138)        |
| ISSI | IS25LD040     | [SOIC8-150]   |            | (3095) (*1)  |
| ISSI | IS25LD040     | [SOIC8-150]   | (DualSPI)  | (3095) (*1)  |
| ISSI | IS25LD040     | [SOIC8-200]   |            | (3088) (*1)  |
| ISSI | IS25LD040     | [SOIC8-200]   | (DualSPI)  | (3088) (*1)  |
| ISSI | IS25LD040     | [VVSOP8-150]  |            | (3095) (*1)  |
| ISSI | IS25LD040     | [VVSOP8-150]  | (DualSPI)  | (3095) (*1)  |
| ISSI | IS25LD040     | [WSON8]       |            | (3097) (*1)  |
| ISSI | IS25LD040     | [WSON8]       | (DualSPI)  | (3097) (*1)  |
| ISSI | IS25LP016D    | [ISP]         |            | (138) (9997) |
| ISSI | IS25LP016D-J  | [SOIC8-150]   |            | (3094) (*1)  |
| ISSI | IS25LP016D-J  | [SOIC8-150]   | (Quad I/O) | (3094) (*1)  |
| ISSI | IS25LP016D-J  | [SOIC8-208]   |            | (3087) (*1)  |
| ISSI | IS25LP016D-J  | [SOIC8-208]   | (Quad I/O) | (3087) (*1)  |
| ISSI | IS25LP016D-J  | [WSON8 6x5]   |            | (4117) (*1)  |
| ISSI | IS25LP016D-J  | [WSON8 6x5]   | (Quad I/O) | (4117) (*1)  |
| ISSI | IS25LP016D-J  | [WSON8 8x6]   |            | (3926) (*1)  |
| ISSI | IS25LP016D-J  | [WSON8 8x6]   | (Quad I/O) | (3926) (*1)  |
| ISSI | IS25LP016D-JT | [USON8]       |            | (2430)       |
| ISSI | IS25LP016D-JT | [USON8]       | (Quad I/O) | (2430)       |
| ISSI | IS25LP016D-JU | [USON8]       |            | (3934) (*1)  |
| ISSI | IS25LP016D-JU | [USON8]       | (Quad I/O) | (3934) (*1)  |
| ISSI | IS25LP032A-J  | [ISP]         |            | (138)        |
| ISSI | IS25LP032A-J  | [SOIC16]      |            | (3100) (*1)  |
| ISSI | IS25LP032A-J  | [SOIC16]      | (Quad I/O) | (3100) (*1)  |
| ISSI | IS25LP032A-J  | [SOIC8]       |            | (3087) (*1)  |
| ISSI | IS25LP032A-J  | [SOIC8]       | (Quad I/O) | (3087) (*1)  |
| ISSI | IS25LP032A-J  | [TFBGA24 6x8] |            | (3128)       |
| ISSI | IS25LP032A-J  | [TFBGA24 6x8] | (Quad I/O) | (3128)       |
| ISSI | IS25LP032A-J  | [VSOP8-200]   |            | (3087) (*1)  |
| ISSI | IS25LP032A-J  | [VSOP8-200]   | (Quad I/O) | (3087) (*1)  |
| ISSI | IS25LP032A-J  | [WSON8 6x5]   |            | (4117) (*1)  |
| ISSI | IS25LP032A-J  | [WSON8 6x5]   | (Quad I/O) | (4117) (*1)  |
| ISSI | IS25LP032A-J  | [WSON8 8x6]   |            | (3926) (*1)  |
| ISSI | IS25LP032A-J  | [WSON8 8x6]   | (Quad I/O) | (3926) (*1)  |
| ISSI | IS25LP032D    | [ISP]         |            | (138) (9997) |
| ISSI | IS25LP032D-J  | [SOIC8-150]   |            | (3094) (*1)  |
| ISSI | IS25LP032D-J  | [SOIC8-150]   | (Quad I/O) | (3094) (*1)  |
| ISSI | IS25LP032D-J  | [SOIC8-208]   |            | (3087) (*1)  |
| ISSI | IS25LP032D-J  | [SOIC8-208]   | (Quad I/O) | (3087) (*1)  |
| ISSI | IS25LP032D-J  | [USON8 4x3]   |            | (2430)       |
| ISSI | IS25LP032D-J  | [USON8 4x3]   | (Quad I/O) | (2430)       |
| ISSI | IS25LP032D-J  | [WSON8 6x5]   |            | (4117) (*1)  |
| ISSI | IS25LP032D-J  | [WSON8 6x5]   | (Quad I/O) | (4117) (*1)  |
| ISSI | IS25LP032D-J  | [WSON8 8x6]   |            | (3926) (*1)  |
| ISSI | IS25LP032D-J  | [WSON8 8x6]   | (Quad I/O) | (3926) (*1)  |
| ISSI | IS25LP032D-Q  | [SOIC8-208]   |            | (3087) (*1)  |
| ISSI | IS25LP032D-Q  | [SOIC8-208]   | (Quad I/O) | (3087) (*1)  |
| ISSI | IS25LP032D-RH | [TFBGA24]     |            | (3122)       |
| ISSI | IS25LP032D-RH | [TFBGA24]     | (Quad I/O) | (3122)       |
| ISSI | IS25LP064     | [ISP]         |            | (138)        |
| ISSI | IS25LP064     | [SOIC16]      |            | (3101) (*1)  |
| ISSI | IS25LP064     | [SOIC16]      | (Quad I/O) | (3101) (*1)  |
| ISSI | IS25LP064     | [SOIC8]       |            | (3088) (*1)  |
| ISSI | IS25LP064     | [SOIC8]       | (Quad I/O) | (3088) (*1)  |
| ISSI | IS25LP064     | [TFBGA24 6x8] |            | (1268) (*1)  |
| ISSI | IS25LP064     | [TFBGA24 6x8] | (Quad I/O) | (1268) (*1)  |
| ISSI | IS25LP064     | [VSOP8-200]   |            | (3088) (*1)  |
| ISSI | IS25LP064     | [VSOP8-200]   | (Quad I/O) | (3088) (*1)  |
| ISSI | IS25LP064     | [WSON8 6x5]   |            | (3097) (*1)  |
| ISSI | IS25LP064     | [WSON8 6x5]   | (Quad I/O) | (3097) (*1)  |
| ISSI | IS25LP064     | [WSON8 8x6]   |            | (3053) (*1)  |
| ISSI | IS25LP064     | [WSON8 8x6]   | (Quad I/O) | (3053) (*1)  |
| ISSI | IS25LP064A-J  | [ISP]         |            | (138)        |
| ISSI | IS25LP064A-J  | [SOIC16]      |            | (3101) (*1)  |
| ISSI | IS25LP064A-J  | [SOIC16]      | (Quad I/O) | (3101) (*1)  |
| ISSI | IS25LP064A-J  | [SOIC8]       |            | (3088) (*1)  |
| ISSI | IS25LP064A-J  | [SOIC8]       | (Quad I/O) | (3088) (*1)  |
| ISSI | IS25LP064A-J  | [TFBGA24 6x8] |            | (1268) (*1)  |
| ISSI | IS25LP064A-J  | [TFBGA24 6x8] | (Quad I/O) | (1268) (*1)  |
| ISSI | IS25LP064A-J  | [VSOP8-200]   |            | (3088) (*1)  |
| ISSI | IS25LP064A-J  | [VSOP8-200]   | (Quad I/O) | (3088) (*1)  |
| ISSI | IS25LP064A-J  | [WSON8 6x5]   |            | (3097) (*1)  |
| ISSI | IS25LP064A-J  | [WSON8 6x5]   | (Quad I/O) | (3097) (*1)  |
| ISSI | IS25LP064A-J  | [WSON8 8x6]   |            | (3053) (*1)  |
| ISSI | IS25LP064A-J  | [WSON8 8x6]   | (Quad I/O) | (3053) (*1)  |
| ISSI | IS25LP080D    | [ISP]         |            | (138) (9997) |
| ISSI | IS25LP080D-J  | [SOIC8-150]   |            | (3094) (*1)  |
| ISSI | IS25LP080D-J  | [SOIC8-150]   | (Quad I/O) | (3094) (*1)  |

|      |               |                          |              |
|------|---------------|--------------------------|--------------|
| ISSI | IS25LP080D-J  | [SOIC8-200]              | (3087) (*1)  |
| ISSI | IS25LP080D-J  | [SOIC8-200] (Quad I/O)   | (3087) (*1)  |
| ISSI | IS25LP080D-J  | [USON8 2x3]              | (3934) (*1)  |
| ISSI | IS25LP080D-J  | [USON8 2x3] (Quad I/O)   | (3934) (*1)  |
| ISSI | IS25LP080D-J  | [WSON8 6x5]              | (4117) (*1)  |
| ISSI | IS25LP080D-J  | [WSON8 6x5] (Quad I/O)   | (4117) (*1)  |
| ISSI | IS25LP128     | (ISP)                    | (138)        |
| ISSI | IS25LP128     | [SOIC16]                 | (3101) (*1)  |
| ISSI | IS25LP128     | [SOIC16] (Quad I/O)      | (3101) (*1)  |
| ISSI | IS25LP128     | [SOIC8]                  | (3088) (*1)  |
| ISSI | IS25LP128     | [SOIC8] (Quad I/O)       | (3088) (*1)  |
| ISSI | IS25LP128     | [VSOP8-200]              | (3088) (*1)  |
| ISSI | IS25LP128     | [VSOP8-200] (Quad I/O)   | (3088) (*1)  |
| ISSI | IS25LP128     | [WSON8 6x5]              | (3097) (*1)  |
| ISSI | IS25LP128     | [WSON8 6x5] (Quad I/O)   | (3097) (*1)  |
| ISSI | IS25LP128     | [WSON8 8x6]              | (3053) (*1)  |
| ISSI | IS25LP128     | [WSON8 8x6] (Quad I/O)   | (3053) (*1)  |
| ISSI | IS25LP128F-J  | [SOIC8-208]              | (3087) (*1)  |
| ISSI | IS25LP128F-J  | [SOIC8-208] (Quad I/O)   | (3087) (*1)  |
| ISSI | IS25LP256D-J  | (ISP)                    | (138) (9997) |
| ISSI | IS25LP256D-J  | [SOIC16]                 | (3100) (*1)  |
| ISSI | IS25LP256D-J  | [SOIC16] (Quad I/O)      | (3100) (*1)  |
| ISSI | IS25LP256D-J  | [WSON8 8x6]              | (3926) (*1)  |
| ISSI | IS25LP256D-J  | [WSON8 8x6] (Quad I/O)   | (3926) (*1)  |
| ISSI | IS25LP256D-R  | [SOIC16]                 | (3100) (*1)  |
| ISSI | IS25LP256D-R  | [SOIC16] (Quad I/O)      | (3100) (*1)  |
| ISSI | IS25LP512M-RM | [SOIC16]                 | (3100) (*1)  |
| ISSI | IS25LP512M-RM | [SOIC16] (Quad I/O)      | (3100) (*1)  |
| ISSI | IS25LQ010B    | (ISP)                    | (138)        |
| ISSI | IS25LQ010B    | [SOIC8-150]              | (3094) (*1)  |
| ISSI | IS25LQ010B    | [SOIC8-150] (Quad I/O)   | (3094) (*1)  |
| ISSI | IS25LQ010B    | [SOIC8-200]              | (3087) (*1)  |
| ISSI | IS25LQ010B    | [SOIC8-200] (Quad I/O)   | (3087) (*1)  |
| ISSI | IS25LQ010B    | [USON8]                  | (3935) (*1)  |
| ISSI | IS25LQ010B    | [USON8] (Quad I/O)       | (3934) (*1)  |
| ISSI | IS25LQ010B    | [VVSOP8-150]             | (3094) (*1)  |
| ISSI | IS25LQ010B    | [VVSOP8-150] (Quad I/O)  | (3094) (*1)  |
| ISSI | IS25LQ010B    | [WSON8]                  | (4117) (*1)  |
| ISSI | IS25LQ010B    | [WSON8] (Quad I/O)       | (4117) (*1)  |
| ISSI | IS25LQ016     | [SOIC8-150]              | (3095) (*1)  |
| ISSI | IS25LQ016     | [SOIC8-150] (QuadSPI)    | (3095) (*1)  |
| ISSI | IS25LQ016     | [SOIC8-200]              | (3088) (*1)  |
| ISSI | IS25LQ016     | [SOIC8-200] (QuadSPI)    | (3088) (*1)  |
| ISSI | IS25LQ016     | [VVSOP8-150]             | (3095) (*1)  |
| ISSI | IS25LQ016     | [VVSOP8-150] (QuadSPI)   | (3095) (*1)  |
| ISSI | IS25LQ016     | [WSON8 6x5]              | (3097) (*1)  |
| ISSI | IS25LQ016     | [WSON8 6x5] (QuadSPI)    | (3097) (*1)  |
| ISSI | IS25LQ016     | [WSON8 8x6]              | (3097) (*1)  |
| ISSI | IS25LQ016     | [WSON8 8x6] (QuadSPI)    | (3097) (*1)  |
| ISSI | IS25LQ016B    | [SOIC16]                 | (3101) (*1)  |
| ISSI | IS25LQ016B    | [SOIC16] (Quad I/O)      | (3101) (*1)  |
| ISSI | IS25LQ016B    | [SOIC8-150]              | (3095) (*1)  |
| ISSI | IS25LQ016B    | [SOIC8-150] (Quad I/O)   | (3095) (*1)  |
| ISSI | IS25LQ016B    | [SOIC8-200]              | (3088) (*1)  |
| ISSI | IS25LQ016B    | [SOIC8-200] (Quad I/O)   | (3088) (*1)  |
| ISSI | IS25LQ016B    | [TFBGA24 6x8]            | (1268) (*1)  |
| ISSI | IS25LQ016B    | [TFBGA24 6x8] (Quad I/O) | (1268) (*1)  |
| ISSI | IS25LQ016B    | [VSOP8-200]              | (3088) (*1)  |
| ISSI | IS25LQ016B    | [VSOP8-200] (Quad I/O)   | (3088) (*1)  |
| ISSI | IS25LQ016B    | [WSON8 6x5]              | (3097) (*1)  |
| ISSI | IS25LQ016B    | [WSON8 6x5] (Quad I/O)   | (3097) (*1)  |
| ISSI | IS25LQ016B    | [WSON8 8x6]              | (3053) (*1)  |
| ISSI | IS25LQ016B    | [WSON8 8x6] (Quad I/O)   | (3053) (*1)  |
| ISSI | IS25LQ020B    | (ISP)                    | (138)        |
| ISSI | IS25LQ020B    | [SOIC8-150]              | (3095) (*1)  |
| ISSI | IS25LQ020B    | [SOIC8-150] (Quad I/O)   | (3095) (*1)  |
| ISSI | IS25LQ020B    | [SOIC8-200]              | (3088) (*1)  |
| ISSI | IS25LQ020B    | [SOIC8-200] (Quad I/O)   | (3088) (*1)  |
| ISSI | IS25LQ020B    | [USON8 2x3]              | (3934) (*1)  |
| ISSI | IS25LQ020B    | [USON8 2x3] (Quad I/O)   | (3934) (*1)  |
| ISSI | IS25LQ025B    | (ISP)                    | (138)        |
| ISSI | IS25LQ025B    | [SOIC8-150]              | (3094) (*1)  |
| ISSI | IS25LQ025B    | [SOIC8-150] (Quad I/O)   | (3094) (*1)  |
| ISSI | IS25LQ025B    | [SOIC8-200]              | (3087) (*1)  |
| ISSI | IS25LQ025B    | [SOIC8-200] (Quad I/O)   | (3087) (*1)  |
| ISSI | IS25LQ025B    | [USON8]                  | (3934) (*1)  |
| ISSI | IS25LQ025B    | [VVSOP8-150]             | (3094) (*1)  |
| ISSI | IS25LQ025B    | [VVSOP8-150] (Quad I/O)  | (3094) (*1)  |
| ISSI | IS25LQ025B    | [WSON8]                  | (4117) (*1)  |
| ISSI | IS25LQ025B    | [WSON8] (Quad I/O)       | (4117) (*1)  |
| ISSI | IS25LQ032B    | [SOIC16]                 | (3101) (*1)  |
| ISSI | IS25LQ032B    | [SOIC16] (Quad I/O)      | (3101) (*1)  |
| ISSI | IS25LQ032B    | [SOIC8-150]              | (3095) (*1)  |
| ISSI | IS25LQ032B    | [SOIC8-150] (Quad I/O)   | (3095) (*1)  |
| ISSI | IS25LQ032B    | [SOIC8-200]              | (3088) (*1)  |
| ISSI | IS25LQ032B    | [SOIC8-200] (Quad I/O)   | (3088) (*1)  |
| ISSI | IS25LQ032B    | [TFBGA24 6x8]            | (1268) (*1)  |
| ISSI | IS25LQ032B    | [TFBGA24 6x8] (Quad I/O) | (1268) (*1)  |
| ISSI | IS25LQ032B    | [VSOP8-200]              | (3088) (*1)  |
| ISSI | IS25LQ032B    | [VSOP8-200] (Quad I/O)   | (3088) (*1)  |
| ISSI | IS25LQ032B    | [WSON8 6x5]              | (3097) (*1)  |
| ISSI | IS25LQ032B    | [WSON8 6x5] (Quad I/O)   | (3097) (*1)  |
| ISSI | IS25LQ032B    | [WSON8 8x6]              | (3053) (*1)  |
| ISSI | IS25LQ032B    | [WSON8 8x6] (Quad I/O)   | (3053) (*1)  |
| ISSI | IS25LQ040B    | (ISP)                    | (138)        |
| ISSI | IS25LQ040B    | [SOIC8-150]              | (3094) (*1)  |
| ISSI | IS25LQ040B    | [SOIC8-150] (Quad I/O)   | (3094) (*1)  |
| ISSI | IS25LQ040B    | [SOIC8-200]              | (3087) (*1)  |
| ISSI | IS25LQ040B    | [SOIC8-200] (Quad I/O)   | (3087) (*1)  |
| ISSI | IS25LQ040B    | [TSSOP8]                 | (1388)       |
| ISSI | IS25LQ040B    | [TSSOP8] (Quad I/O)      | (1388)       |
| ISSI | IS25LQ040B    | [USON8]                  | (3935) (*1)  |
| ISSI | IS25LQ040B    | [USON8] (Quad I/O)       | (3934) (*1)  |
| ISSI | IS25LQ040B    | [VVSOP8-150]             | (3094) (*1)  |
| ISSI | IS25LQ040B    | [VVSOP8-150] (Quad I/O)  | (3094) (*1)  |
| ISSI | IS25LQ040B    | [WSON8]                  | (4117) (*1)  |
| ISSI | IS25LQ040B    | [WSON8] (Quad I/O)       | (4117) (*1)  |
| ISSI | IS25LQ080     | [SOIC8-150]              | (3095) (*1)  |
| ISSI | IS25LQ080     | [SOIC8-150] (QuadSPI)    | (3095) (*1)  |
| ISSI | IS25LQ080     | [SOIC8-200]              | (3088) (*1)  |
| ISSI | IS25LQ080     | [SOIC8-200] (QuadSPI)    | (3088) (*1)  |
| ISSI | IS25LQ080     | [VVSOP8-150]             | (3095) (*1)  |
| ISSI | IS25LQ080     | [VVSOP8-150] (QuadSPI)   | (3095) (*1)  |
| ISSI | IS25LQ080     | [WSON8]                  | (3097) (*1)  |
| ISSI | IS25LQ080     | [WSON8] (QuadSPI)        | (3097) (*1)  |
| ISSI | IS25LQ080B    | [SOIC8-150]              | (3095) (*1)  |
| ISSI | IS25LQ080B    | [SOIC8-150] (Quad I/O)   | (3095) (*1)  |
| ISSI | IS25LQ080B    | [SOIC8-200]              | (3088) (*1)  |
| ISSI | IS25LQ080B    | [SOIC8-200] (Quad I/O)   | (3088) (*1)  |
| ISSI | IS25LQ080B    | [VSOP8-200]              | (3088) (*1)  |
| ISSI | IS25LQ080B    | [VSOP8-200] (Quad I/O)   | (3088) (*1)  |
| ISSI | IS25LQ080B    | [WSON8 6x5]              | (3097) (*1)  |
| ISSI | IS25LQ080B    | [WSON8 6x5] (Quad I/O)   | (3097) (*1)  |
| ISSI | IS25LQ512B    | (ISP)                    | (138)        |
| ISSI | IS25LQ512B    | [SOIC8-150]              | (3094) (*1)  |
| ISSI | IS25LQ512B    | [SOIC8-150] (Quad I/O)   | (3094) (*1)  |
| ISSI | IS25LQ512B    | [SOIC8-200]              | (3087) (*1)  |
| ISSI | IS25LQ512B    | [SOIC8-200] (Quad I/O)   | (3087) (*1)  |

|      |                    |                          |             |
|------|--------------------|--------------------------|-------------|
| ISSI | IS25LQ512B         | [TSSOP8]                 | (1388)      |
| ISSI | IS25LQ512B         | [TSSOP8] (Quad I/o)      | (1388)      |
| ISSI | IS25LQ512B         | [USON8]                  | (3935) (*1) |
| ISSI | IS25LQ512B         | [USON8] (Quad I/o)       | (3934) (*1) |
| ISSI | IS25LQ512B         | [VVSOP8-150]             | (3094) (*1) |
| ISSI | IS25LQ512B         | [VVSOP8-150] (Quad I/o)  | (3094) (*1) |
| ISSI | IS25LQ512B         | [WSON8]                  | (4117) (*1) |
| ISSI | IS25LQ512B         | [WSON8] (Quad I/o)       | (4117) (*1) |
| ISSI | IS25WD020          | (ISP)                    | (138)       |
| ISSI | IS25WD020          | [SOIC8-150]              | (3095) (*1) |
| ISSI | IS25WD020          | [SOIC8-200]              | (3088) (*1) |
| ISSI | IS25WD020          | [VVSOP8-150]             | (3095) (*1) |
| ISSI | IS25WD020          | [WSON8]                  | (3097) (*1) |
| ISSI | IS25WD040          | (ISP)                    | (138)       |
| ISSI | IS25WD040          | [SOIC8-150]              | (3095) (*1) |
| ISSI | IS25WD040          | [SOIC8-200]              | (3088) (*1) |
| ISSI | IS25WD040          | [VVSOP8-150]             | (3095) (*1) |
| ISSI | IS25WD040          | [WSON8]                  | (3097) (*1) |
| ISSI | IS25WP016D-J       | [SOIC8-150]              | (3094) (*1) |
| ISSI | IS25WP016D-J       | [SOIC8-150] (Quad I/o)   | (3094) (*1) |
| ISSI | IS25WP016D-J       | [SOIC8-208]              | (3087) (*1) |
| ISSI | IS25WP016D-J       | [SOIC8-208] (Quad I/o)   | (3087) (*1) |
| ISSI | IS25WP016-J        | [USON8 2x3]              | (3934) (*1) |
| ISSI | IS25WP016-J        | [USON8 2x3] (Quad I/o)   | (3934) (*1) |
| ISSI | IS25WP032D-J       | [SOIC8-150]              | (3094) (*1) |
| ISSI | IS25WP032D-J       | [SOIC8-150] (Quad I/o)   | (3094) (*1) |
| ISSI | IS25WP032D-J       | [SOIC8-208]              | (3087) (*1) |
| ISSI | IS25WP032D-J       | [SOIC8-208] (Quad I/o)   | (3087) (*1) |
| ISSI | IS25WP032D-J       | [USON8 4x3]              | (2430)      |
| ISSI | IS25WP032D-J       | [USON8 4x3] (Quad I/o)   | (2430)      |
| ISSI | IS25WP032D-J       | [WSON8 6x5]              | (4117) (*1) |
| ISSI | IS25WP032D-J       | [WSON8 6x5] (Quad I/o)   | (4117) (*1) |
| ISSI | IS25WP032D-J       | [XSON8 4x4]              | (3233)      |
| ISSI | IS25WP032D-J       | [XSON8 4x4] (Quad I/o)   | (3233)      |
| ISSI | IS25WP032-JB       | [SOIC8]                  | (3087) (*1) |
| ISSI | IS25WP032-JB       | [SOIC8] (Quad I/o)       | (3087) (*1) |
| ISSI | IS25WP040D-JU      | [USON8]                  | (3934) (*1) |
| ISSI | IS25WP040D-JU      | [USON8] (Quad I/o)       | (3934) (*1) |
| ISSI | IS25WP064          | [SOIC8]                  | (3087) (*1) |
| ISSI | IS25WP064          | [SOIC8] (Quad I/o)       | (3087) (*1) |
| ISSI | IS25WP064A-J       | [SOIC8]                  | (3087) (*1) |
| ISSI | IS25WP064A-J       | [SOIC8] (Quad I/o)       | (3087) (*1) |
| ISSI | IS25WP064A-JH      | [TFBGA24]                | (3122)      |
| ISSI | IS25WP064A-JH      | [TFBGA24] (Quad I/o)     | (3122)      |
| ISSI | IS25WP064-RH       | [TFBGA24]                | (3122)      |
| ISSI | IS25WP064-RH       | [TFBGA24] (Quad I/o)     | (3122)      |
| ISSI | IS25WP080D-J       | [SOIC8-150]              | (3094) (*1) |
| ISSI | IS25WP080D-J       | [SOIC8-150] (Quad I/o)   | (3094) (*1) |
| ISSI | IS25WP128          | [SOIC16]                 | (3100) (*1) |
| ISSI | IS25WP128          | [SOIC16] (Quad I/o)      | (3100) (*1) |
| ISSI | IS25WP128          | [SOIC8]                  | (3087) (*1) |
| ISSI | IS25WP128          | [SOIC8] (Quad I/o)       | (3087) (*1) |
| ISSI | IS25WP128          | [TFBGA24 6x8]            | (3122)      |
| ISSI | IS25WP128          | [TFBGA24 6x8] (Quad I/o) | (3122)      |
| ISSI | IS25WP128-JK       | [WSON8]                  | (4117) (*1) |
| ISSI | IS25WP128-JK       | [WSON8] (Quad I/o)       | (4117) (*1) |
| ISSI | IS25WP256D-J       | [WSON8 8x6]              | (3926) (*1) |
| ISSI | IS25WP256D-J       | [WSON8 8x6] (Quad I/o)   | (3926) (*1) |
| ISSI | IS25WP256D-RH      | [TFBGA24]                | (3122)      |
| ISSI | IS25WP256D-RH      | [TFBGA24] (Quad I/o)     | (3122)      |
| ISSI | IS25WQ020          | [SOIC8-150]              | (3094) (*1) |
| ISSI | IS25WQ020          | [SOIC8-150] (Quad I/o)   | (3094) (*1) |
| ISSI | IS25WQ040          | [SOIC8-150]              | (3094) (*1) |
| ISSI | IS25WQ040          | [SOIC8-150] (Quad I/o)   | (3094) (*1) |
| ISSI | IS25WQ040          | [SOIC8-200]              | (3087) (*1) |
| ISSI | IS25WQ040          | [SOIC8-200] (Quad I/o)   | (3087) (*1) |
| ISSI | IS26KL128SxxBxxx00 | [BGA24]                  | (4392)      |
| ISSI | IS26KL256SxxBxxx00 | [BGA24]                  | (4392)      |
| ISSI | IS26KL512SxxBxxx00 | [BGA24]                  | (4392)      |
| ISSI | IS26KS128SxxBxxx00 | [BGA24]                  | (4392)      |
| ISSI | IS26KS256SxxBxxx00 | [BGA24]                  | (4392)      |
| ISSI | IS26KS512SxxBxxx00 | [BGA24]                  | (4392)      |
| ISSI | IS27C010           |                          |             |
| ISSI | IS27C010           | [PLCC32]                 | (59)        |
| ISSI | IS27C010           | [TSOP32]                 | (655)       |
| ISSI | IS27C020           |                          |             |
| ISSI | IS27C020           | [PLCC32]                 | (59)        |
| ISSI | IS27C020           | [TSOP32]                 | (655)       |
| ISSI | IS27C2048          |                          |             |
| ISSI | IS27C2048          | [PLCC44]                 | (67)        |
| ISSI | IS27C2048          | [TSOP40]                 | (656)       |
| ISSI | IS27C256           |                          |             |
| ISSI | IS27C256           | [PLCC32]                 | (59)        |
| ISSI | IS27C512           |                          |             |
| ISSI | IS27C512           | [PLCC32]                 | (59)        |
| ISSI | IS27C512           | [TSOP28]                 | (54)        |
| ISSI | IS27DV256          |                          |             |
| ISSI | IS27DV256          | [PLCC32]                 | (59)        |
| ISSI | IS27DV256          | [TSOP28]                 | (54)        |
| ISSI | IS27HC010          |                          |             |
| ISSI | IS27HC010          | [PLCC32]                 | (59)        |
| ISSI | IS27HC010          | [TSOP32]                 | (655)       |
| ISSI | IS27HC020          |                          |             |
| ISSI | IS27HC020          | [PLCC32]                 | (59)        |
| ISSI | IS27HC020          | [TSOP32]                 | (655)       |
| ISSI | IS27HC2048         |                          |             |
| ISSI | IS27HC2048         | [PLCC44]                 | (67)        |
| ISSI | IS27HC2048         | [TSOP40]                 | (656)       |
| ISSI | IS27HC256          |                          |             |
| ISSI | IS27HC256          | [PLCC32]                 | (59)        |
| ISSI | IS27HC256          | [TSOP28]                 | (54)        |
| ISSI | IS27HC512          |                          |             |
| ISSI | IS27HC512          | [PLCC32]                 | (59)        |
| ISSI | IS27HC512          | [TSOP28]                 | (54)        |
| ISSI | IS27LV010          |                          |             |
| ISSI | IS27LV010          | [PLCC32]                 | (59)        |
| ISSI | IS27LV010          | [TSOP32]                 | (655)       |
| ISSI | IS27LV020          |                          |             |
| ISSI | IS27LV020          | [PLCC32]                 | (59)        |
| ISSI | IS27LV020          | [TSOP32]                 | (655)       |
| ISSI | IS27LV2048         |                          |             |
| ISSI | IS27LV2048         | [PLCC44]                 | (67)        |
| ISSI | IS27LV2048         | [TSOP40]                 | (656)       |
| ISSI | IS27LV256          |                          |             |
| ISSI | IS27LV256          | [PLCC32]                 | (59)        |
| ISSI | IS27LV256          | [TSOP28]                 | (54)        |
| ISSI | IS27LV512          |                          |             |
| ISSI | IS27LV512          | [PLCC32]                 | (59)        |
| ISSI | IS27LV512          | [TSOP28]                 | (54)        |
| ISSI | IS28F010           |                          |             |
| ISSI | IS28F010           | [PLCC32]                 | (1399)      |
| ISSI | IS28F010           | [TSOP32]                 | (1414)      |
| ISSI | IS28F020           |                          |             |
| ISSI | IS28F020           | [PLCC32]                 | (1399)      |
| ISSI | IS28F020           | [TSOP32]                 | (1414)      |
| ISSI | IS29F010           |                          |             |
| ISSI | IS29F010           | [PLCC32]                 | (1399)      |
| ISSI | IS29F010           | [TSOP32]                 | (1414)      |

|      |                 |                   |             |
|------|-----------------|-------------------|-------------|
| ISSI | IS29GL128xxDXxB | [FBGA64]          | (1457)      |
| ISSI | IS29GL128xxDxxT | [FBGA64]          | (1457)      |
| ISSI | IS29GL128xxFxxB | [FBGA64]          | (938)       |
| ISSI | IS29GL128xxFxxT | [FBGA64]          | (938)       |
| ISSI | IS29GL128xxSxxB | [TSOP56]          | (3079)      |
| ISSI | IS29GL128xxSxxT | [TSOP56]          | (3079)      |
| ISSI | IS29GL256xxDXxB | [FBGA64]          | (1457)      |
| ISSI | IS29GL256xxDxxL | [FBGA64]          | (1457)      |
| ISSI | IS29GL256xxDxxT | [FBGA64]          | (1457)      |
| ISSI | IS29GL256xxFxxB | [FBGA64]          | (938)       |
| ISSI | IS29GL256xxFxxT | [FBGA64]          | (938)       |
| ISSI | IS29GL256xxSxxB | [TSOP56]          | (3079)      |
| ISSI | IS29GL256xxSxxT | [TSOP56]          | (3079)      |
| ISSI | IS31SE5110      | [TSSOP24]         | (4243)      |
| ISSI | IS34C02         | (ISP)             | (138)       |
| ISSI | IS34C02         | [MSOP8]           | (605)       |
| ISSI | IS34C02         | [SOIC8]           | (950)       |
| ISSI | IS34C02         | [TSSOP8]          | (121)       |
| ISSI | IS34C02B        | (ISP)             | (138)       |
| ISSI | IS34C02B        | [DFN8]            | (2995)      |
| ISSI | IS34C02B        | [TSSOP8]          | (121)       |
| ISSI | IS34C02B        | [UDFN8]           | (4538)      |
| ISSI | IS34ML01G081    | [TSOP48]          | (1266) (*1) |
| ISSI | IS34ML01G081    | [VFBGA63]         | (2690) (*1) |
| ISSI | IS34ML01G084    | [TSOP48]          | (1266) (*1) |
| ISSI | IS34ML02G081    | [TSOP48]          | (1266) (*1) |
| ISSI | IS34ML02G084    | [TSOP48]          | (1266) (*1) |
| ISSI | IS34TS02        | (ISP)             | (138)       |
| ISSI | IS34TS02        | [UDFN8]           | (4538)      |
| ISSI | IS39LV512-70VCE | [VSOP32]          | (1412)      |
| ISSI | IS71V08F32ESB08 | [FBGA73]          | (531)       |
| ISSI | IS71V08F32EST08 | [FBGA73]          | (531)       |
| ISSI | IS71V08F32GSB08 | [FBGA73]          | (531)       |
| ISSI | IS71V08F32GST08 | [FBGA73]          | (531)       |
| ISSI | IS71V08F64GS08  | [FBGA73]          | (531)       |
| ISSI | IS71V16F32ESB08 | [FBGA73]          | (531)       |
| ISSI | IS71V16F32EST08 | [FBGA73]          | (531)       |
| ISSI | IS71V16F32GSB08 | [FBGA73]          | (531)       |
| ISSI | IS71V16F32GST08 | [FBGA73]          | (531)       |
| ISSI | IS71V16F64GS08  | [FBGA73]          | (531)       |
| ISSI | IS89C51         |                   |             |
| ISSI | IS89C51         | [PLCC44]          | (67)        |
| ISSI | IS89C51         | [PQFP44]          | (108)       |
| ISSI | IS89C51A        |                   |             |
| ISSI | IS89C51A        | [PLCC44]          | (67)        |
| ISSI | IS89C51A        | [PQFP44]          | (108)       |
| ISSI | IS89C52         |                   |             |
| ISSI | IS89C52         | [PLCC44]          | (67)        |
| ISSI | IS89C52         | [PQFP44]          | (108)       |
| ISSI | IS89C52A        |                   |             |
| ISSI | IS89C52A        | [PLCC44]          | (67)        |
| ISSI | IS89C52A        | [PQFP44]          | (108)       |
| ISSI | IS89C54         | ver. A            |             |
| ISSI | IS89C54         | ver. A [PLCC44]   | (67)        |
| ISSI | IS89C54         | ver. A [PQFP44]   | (108)       |
| ISSI | IS89C54         | ver. B->          |             |
| ISSI | IS89C54         | ver. B-> [PLCC44] | (67)        |
| ISSI | IS89C54         | ver. B-> [PQFP44] | (108)       |
| ISSI | IS89C58         | ver. A            |             |
| ISSI | IS89C58         | ver. A [PLCC44]   | (67)        |
| ISSI | IS89C58         | ver. A [PQFP44]   | (108)       |
| ISSI | IS89C58         | ver. B->          |             |
| ISSI | IS89C58         | ver. B-> [PLCC44] | (67)        |
| ISSI | IS89C58         | ver. B-> [PQFP44] | (108)       |
| ISSI | IS89C64         | ver. A            |             |
| ISSI | IS89C64         | ver. A [PLCC44]   | (67)        |
| ISSI | IS89C64         | ver. A [PQFP44]   | (108)       |
| ISSI | IS89C64         | ver. B->          |             |
| ISSI | IS89C64         | ver. B-> [PLCC44] | (67)        |
| ISSI | IS89C64         | ver. B-> [PQFP44] | (108)       |
| ISSI | IS89E54         | ver. A            |             |
| ISSI | IS89E54         | ver. A [PLCC44]   | (67)        |
| ISSI | IS89E54         | ver. A [PQFP44]   | (108)       |
| ISSI | IS89E54         | ver. B->          |             |
| ISSI | IS89E54         | ver. B-> [PLCC44] | (67)        |
| ISSI | IS89E54         | ver. B-> [PQFP44] | (108)       |
| ISSI | IS89E58         | ver. A            |             |
| ISSI | IS89E58         | ver. A [PLCC44]   | (67)        |
| ISSI | IS89E58         | ver. A [PQFP44]   | (108)       |
| ISSI | IS89E58         | ver. B->          |             |
| ISSI | IS89E58         | ver. B-> [PLCC44] | (67)        |
| ISSI | IS89E58         | ver. B-> [PQFP44] | (108)       |
| ISSI | IS89E64         | ver. A            |             |
| ISSI | IS89E64         | ver. A [PLCC44]   | (67)        |
| ISSI | IS89E64         | ver. A [PQFP44]   | (108)       |
| ISSI | IS89E64         | ver. B->          |             |
| ISSI | IS89E64         | ver. B-> [PLCC44] | (67)        |
| ISSI | IS89E64         | ver. B-> [PQFP44] | (108)       |
| ISSI | IS89LV51A       |                   |             |
| ISSI | IS89LV51A       | [PLCC44]          | (67)        |
| ISSI | IS89LV51A       | [PQFP44]          | (108)       |
| ISSI | IS89LV52A       |                   |             |
| ISSI | IS89LV52A       | [PLCC44]          | (67)        |
| ISSI | IS89LV52A       | [PQFP44]          | (108)       |
| ISSI | IS93C46-3       |                   |             |
| ISSI | IS93C46-3       | (ISP)             | (138)       |
| ISSI | IS93C46-3G      | [SOIC8]           | (950)       |
| ISSI | IS93C46-3GR     | [SOIC8]           | (950)       |
| ISSI | IS93C46A        | (x16)             |             |
| ISSI | IS93C46A        | (x16) (ISP)       | (138)       |
| ISSI | IS93C46A        | (x16) [TSSOP8]    | (121)       |
| ISSI | IS93C46A        | (x8)              |             |
| ISSI | IS93C46A        | (x8) (ISP)        | (138)       |
| ISSI | IS93C46A        | (x8) [TSSOP8]     | (121)       |
| ISSI | IS93C46AG       | (x16) [SOIC8]     | (950)       |
| ISSI | IS93C46AG       | (x8) [SOIC8]      | (950)       |
| ISSI | IS93C46AGR      | (x16) [SOIC8]     | (950)       |
| ISSI | IS93C46AGR      | (x8) [SOIC8]      | (950)       |
| ISSI | IS93C46B        |                   |             |
| ISSI | IS93C46B        | (ISP)             | (138)       |
| ISSI | IS93C46B        | [TSSOP8]          | (121)       |
| ISSI | IS93C46BG       | [SOIC8]           | (950)       |
| ISSI | IS93C46BGR      | [SOIC8]           | (950)       |
| ISSI | IS93C46D        | (x16)             |             |
| ISSI | IS93C46D        | (x16) (ISP)       | (138)       |
| ISSI | IS93C46D        | (x16) [DFN8]      | (2995)      |
| ISSI | IS93C46D        | (x16) [TSSOP8]    | (121)       |
| ISSI | IS93C46D        | (x8)              |             |
| ISSI | IS93C46D        | (x8) (ISP)        | (138)       |
| ISSI | IS93C46D        | (x8) [DFN8]       | (2995)      |
| ISSI | IS93C46D        | (x8) [TSSOP8]     | (121)       |
| ISSI | IS93C46DG       | (x16) [SOIC8]     | (950)       |
| ISSI | IS93C46DG       | (x8) [SOIC8]      | (950)       |
| ISSI | IS93C46DGR      | (x16) [SOIC8]     | (950)       |
| ISSI | IS93C46DGR      | (x8) [SOIC8]      | (950)       |
| ISSI | IS93C56-3       |                   |             |
| ISSI | IS93C56-3       | (ISP)             | (138)       |
| ISSI | IS93C56-3G      | [SOIC8]           | (950)       |

|                    |                                    |              |
|--------------------|------------------------------------|--------------|
| ISSI               | IS93C56-3GR [SOIC8]                | (950)        |
| ISSI               | IS93C56A (x16)                     |              |
| ISSI               | IS93C56A (x16) (ISP)               | (138)        |
| ISSI               | IS93C56A (x16) [DFN8]              | (2995)       |
| ISSI               | IS93C56A (x16) [TSSOP8]            | (121)        |
| ISSI               | IS93C56A (x8)                      |              |
| ISSI               | IS93C56A (x8) (ISP)                | (138)        |
| ISSI               | IS93C56A (x8) [DFN8]               | (2995)       |
| ISSI               | IS93C56A (x8) [TSSOP8]             | (121)        |
| ISSI               | IS93C56AG (x16) [SOIC8]            | (950)        |
| ISSI               | IS93C56AG (x8) [SOIC8]             | (950)        |
| ISSI               | IS93C56AGR (x16) [SOIC8]           | (950)        |
| ISSI               | IS93C56AGR (x8) [SOIC8]            | (950)        |
| ISSI               | IS93C66                            |              |
| ISSI               | IS93C66-3                          |              |
| ISSI               | IS93C66-3 (ISP)                    | (138)        |
| ISSI               | IS93C66-3G [SOIC8]                 | (950)        |
| ISSI               | IS93C66-3GR [SOIC8]                | (950)        |
| ISSI               | IS93C66A (x16)                     |              |
| ISSI               | IS93C66A (x16) (ISP)               | (138)        |
| ISSI               | IS93C66A (x16) [DFN8]              | (2995)       |
| ISSI               | IS93C66A (x16) [TSSOP8]            | (121)        |
| ISSI               | IS93C66A (x8)                      |              |
| ISSI               | IS93C66A (x8) (ISP)                | (138)        |
| ISSI               | IS93C66A (x8) [DFN8]               | (2995)       |
| ISSI               | IS93C66A (x8) [TSSOP8]             | (121)        |
| ISSI               | IS93C66AG (x16) [SOIC8]            | (950)        |
| ISSI               | IS93C66AG (x8) [SOIC8]             | (950)        |
| ISSI               | IS93C66AGR (x16) [SOIC8]           | (950)        |
| ISSI               | IS93C66AGR (x8) [SOIC8]            | (950)        |
| ISSI               | IS93C76A (x16)                     |              |
| ISSI               | IS93C76A (x16) (ISP)               | (138)        |
| ISSI               | IS93C76A (x16) [SOIC8]             | (950)        |
| ISSI               | IS93C76A (x16) [TSSOP8]            | (121)        |
| ISSI               | IS93C76A (x8)                      |              |
| ISSI               | IS93C76A (x8) (ISP)                | (138)        |
| ISSI               | IS93C76A (x8) [SOIC8]              | (950)        |
| ISSI               | IS93C76A (x8) [TSSOP8]             | (121)        |
| ISSI               | IS93C86A (x16)                     |              |
| ISSI               | IS93C86A (x16) (ISP)               | (138)        |
| ISSI               | IS93C86A (x16) [SOIC8]             | (950)        |
| ISSI               | IS93C86A (x16) [TSSOP8]            | (121)        |
| ISSI               | IS93C86A (x8)                      |              |
| ISSI               | IS93C86A (x8) (ISP)                | (138)        |
| ISSI               | IS93C86A (x8) [SOIC8]              | (950)        |
| ISSI               | IS93C86A (x8) [TSSOP8]             | (121)        |
| ISSI               | PM25LQ010B (ISP)                   | (138)        |
| ISSI               | PM25LQ010B [SOIC8-150]             | (3094) (*1)  |
| ISSI               | PM25LQ010B [SOIC8-150] (Quad I/o)  | (3094) (*1)  |
| ISSI               | PM25LQ010B [TSSOP8]                | (1388)       |
| ISSI               | PM25LQ010B [TSSOP8] (Quad I/o)     | (1388)       |
| ISSI               | PM25LQ016 [SOIC8-150] (QuadSPI)    | (3094) (*1)  |
| ISSI               | PM25LQ016 [SOIC8-200] (QuadSPI)    | (3087) (*1)  |
| ISSI               | PM25LQ016 [VVSOP8-150] (QuadSPI)   | (3094) (*1)  |
| ISSI               | PM25LQ016 [WSON8 6x5] (QuadSPI)    | (4117) (*1)  |
| ISSI               | PM25LQ016 [WSON8 8x6] (QuadSPI)    | (3926) (*1)  |
| ISSI               | PM25LQ020B (ISP)                   | (138)        |
| ISSI               | PM25LQ020B [SOIC8-150]             | (3094) (*1)  |
| ISSI               | PM25LQ020B [SOIC8-150] (Quad I/o)  | (3094) (*1)  |
| ISSI               | PM25LQ020B [TSSOP8]                | (1388)       |
| ISSI               | PM25LQ020B [TSSOP8] (Quad I/o)     | (1388)       |
| ISSI               | PM25LQ040B (ISP)                   | (138)        |
| ISSI               | PM25LQ040B [SOIC8-150]             | (3094) (*1)  |
| ISSI               | PM25LQ040B [SOIC8-150] (Quad I/o)  | (3094) (*1)  |
| ISSI               | PM25LQ512B (ISP)                   | (138)        |
| ISSI               | PM25LQ512B [SOIC8-150]             | (3094) (*1)  |
| ISSI               | PM25LQ512B [SOIC8-150] (Quad I/o)  | (3094) (*1)  |
| ISSI               | PM25LQ512B [TSSOP8]                | (1388)       |
| ISSI               | PM25LQ512B [TSSOP8] (Quad I/o)     | (1388)       |
| ITE Tech. Inc.     | IT8110E [QFP64]                    | (4050)       |
| ITE Tech. Inc.     | IT8295FN [QFN48]                   | (4357)       |
| ITE Tech. Inc.     | IT8595E [LQFP64]                   | (3057)       |
| ITE Tech. Inc.     | IT8596E-128 [QFP64]                | (4034)       |
| ITE Tech. Inc.     | IT8915E-32 [QFP48]                 | (4723)       |
| ITE Tech. Inc.     | IT8915E-56 [QFP48]                 | (4723)       |
| ITE Tech. Inc.     | IT8915FN-32 [QFN48]                | (4703)       |
| ITE Tech. Inc.     | IT8915FN-56 [QFN48]                | (4703)       |
| ITT Semic.         | MDA2061                            |              |
| ITT Semic.         | MDA2062                            |              |
| ITT Semic.         | NVM3060                            |              |
| Jeju Semiconductor | EM25P64QA [SOP8]                   | (3088) (*1)  |
| Jeju Semiconductor | EM25P64QA [VSOP8]                  | (3088) (*1)  |
| Jeju Semiconductor | EM25P64QA [WSON8]                  | (3097) (*1)  |
| Jeju Semiconductor | JS27AP1G08SSDF-42 [FBGA67]         | (3126)       |
| Jeju Semiconductor | JS27HU1G08SC [FBGA63]              | (3121)       |
| Jeju Semiconductor | JS27HU1G08SC [TSOP48]              | (3075)       |
| Jeju Semiconductor | JS27HU2G08SA [TSOP48]              | (1266) (*1)  |
| Jeju Semiconductor | JS27HU2G08SC [TSOP48]              | (1266) (*1)  |
| Jeju Semiconductor | JS27HU2G08SD [FBGA63]              | (2690) (*1)  |
| Jeju Semiconductor | JS27HU4G08SD [FBGA63]              | (2690) (*1)  |
| Jeju Semiconductor | JS27HU4G08SD [TSOP48]              | (3075)       |
| Jeju Semiconductor | JSFA9A1N72ABB-4 [FBGA107]          | (687)        |
| Jeju Semiconductor | JSFA9C2N72BBB-4 [FBGA107]          | (1208)       |
| Jeju Semiconductor | JSFAAB3YHABBG-4 [FBGA162]          | (3366)       |
| Jeju Semiconductor | JSFBAB3YHABBG-4 [FBGA162]          | (3366)       |
| Jeju Semiconductor | JSFBBB3YHABBG-4 [FBGA162]          | (3366)       |
| KHIC               | KH25L1005 (ISP)                    | (138)        |
| KHIC               | KH25L1005 [SOP8-150]               | (3095) (*1)  |
| KHIC               | KH25L1006E (ISP)                   | (138)        |
| KHIC               | KH25L1006E [SOP8-150]              | (3095) (*1)  |
| KHIC               | KH25L1006E [SOP8-150] (Dual o)     | (3095) (*1)  |
| KHIC               | KH25L1006E [USON8]                 | (3934) (*1)  |
| KHIC               | KH25L1021E [SOP8-150]              | (3095) (*1)  |
| KHIC               | KH25L1021E [TSSOP8]                | (1388)       |
| KHIC               | KH25L1021E [USON8 2x3]             | (3934) (*1)  |
| KHIC               | KH25L1026E [SOP8-150]              | (3095) (*1)  |
| KHIC               | KH25L1026E [SOP8-150] (Dual o)     | (3095) (*1)  |
| KHIC               | KH25L12833F [SOP8-200]             | (3087) (*1)  |
| KHIC               | KH25L12833F [SOP8-200] (Quad I/o)  | (3087) (*1)  |
| KHIC               | KH25L12835F (ISP)                  | (138) (9997) |
| KHIC               | KH25L12835F [SOP16] (Quad I/o)     | (3101) (*1)  |
| KHIC               | KH25L12835F [SOP8] (Quad I/o)      | (3088) (*1)  |
| KHIC               | KH25L12835F [WSON8 6x5] (Quad I/o) | (3097) (*1)  |
| KHIC               | KH25L12835F [WSON8 8x6] (Quad I/o) | (3053) (*1)  |
| KHIC               | KH25L12839F [WSON8 6x5] (Quad I/o) | (3097) (*1)  |
| KHIC               | KH25L12845E [SOP16]                | (3101) (*1)  |
| KHIC               | KH25L12845E [SOP16] (Dual I/o)     | (3101) (*1)  |
| KHIC               | KH25L12845E [SOP16] (Quad I/o)     | (3101) (*1)  |
| KHIC               | KH25L12845E [WSON8]                | (3053) (*1)  |
| KHIC               | KH25L12845E [WSON8] (Dual I/o)     | (3053) (*1)  |
| KHIC               | KH25L12845E [WSON8] (Quad I/o)     | (3053) (*1)  |
| KHIC               | KH25L12855F [SOP16] (Quad I/o)     | (3101) (*1)  |
| KHIC               | KH25L12855FXC [TFBGA24] (Quad I/o) | (1268) (*1)  |
| KHIC               | KH25L12855FXD [TFBGA24] (Quad I/o) | (1343) (*1)  |
| KHIC               | KH25L12873F [SOP16] (Quad I/o)     | (3101) (*1)  |
| KHIC               | KH25L12873F [SOP8] (Quad I/o)      | (3088) (*1)  |
| KHIC               | KH25L12873F [WSON8 6x5] (Quad I/o) | (3097) (*1)  |
| KHIC               | KH25L1605A (ISP)                   | (138)        |



|      |              |                          |             |
|------|--------------|--------------------------|-------------|
| KHIC | KH25L1605A   | [SOP16]                  | (3101) (*1) |
| KHIC | KH25L1605A   | [SOP8]                   | (3088) (*1) |
| KHIC | KH25L1605D   |                          |             |
| KHIC | KH25L1605D   | [SOP16]                  | (3101) (*1) |
| KHIC | KH25L1605D   | [SOP16] (DualSPI)        | (3101) (*1) |
| KHIC | KH25L1605D   | [SOP8-150]               | (3095) (*1) |
| KHIC | KH25L1605D   | [SOP8-150] (DualSPI)     | (3095) (*1) |
| KHIC | KH25L1605D   | [SOP8-200]               | (3088) (*1) |
| KHIC | KH25L1605D   | [SOP8-200] (DualSPI)     | (3088) (*1) |
| KHIC | KH25L1605D   | [WS0N8]                  | (3097) (*1) |
| KHIC | KH25L1605D   | [WS0N8] (DualSPI)        | (3097) (*1) |
| KHIC | KH25L1606E   | (ISP)                    | (138)       |
| KHIC | KH25L1606E   | [SOP8-150]               | (3095) (*1) |
| KHIC | KH25L1606E   | [SOP8-150] (Dual o)      | (3095) (*1) |
| KHIC | KH25L1606E   | [SOP8-200]               | (3088) (*1) |
| KHIC | KH25L1606E   | [SOP8-200] (Dual o)      | (3088) (*1) |
| KHIC | KH25L1608E   | (ISP)                    | (138)       |
| KHIC | KH25L1608E   | [SOP8]                   | (3088) (*1) |
| KHIC | KH25L1608E   | [SOP8] (Dual o)          | (3088) (*1) |
| KHIC | KH25L1633E   | [SOP16]                  | (3101) (*1) |
| KHIC | KH25L1633E   | [SOP16] (Dual I/O)       | (3101) (*1) |
| KHIC | KH25L1633E   | [SOP16] (Quad I/O)       | (3101) (*1) |
| KHIC | KH25L1633E   | [SOP8-200]               | (3088) (*1) |
| KHIC | KH25L1633E   | [SOP8-200] (Dual I/O)    | (3088) (*1) |
| KHIC | KH25L1633E   | [SOP8-200] (Quad I/O)    | (3088) (*1) |
| KHIC | KH25L1633E   | [US0N8]                  | (3099) (*1) |
| KHIC | KH25L1633E   | [US0N8] (Dual I/O)       | (3099) (*1) |
| KHIC | KH25L1633E   | [US0N8] (Quad I/O)       | (3099) (*1) |
| KHIC | KH25L1633E   | [WS0N8]                  | (3097) (*1) |
| KHIC | KH25L1633E   | [WS0N8] (Dual I/O)       | (3097) (*1) |
| KHIC | KH25L1633E   | [WS0N8] (Quad I/O)       | (3097) (*1) |
| KHIC | KH25L1635D   | (ISP)                    | (138)       |
| KHIC | KH25L1635D   | [SOP16]                  | (3101) (*1) |
| KHIC | KH25L1635D   | [SOP16] (DualSPI)        | (3101) (*1) |
| KHIC | KH25L1635D   | [SOP8-200]               | (3088) (*1) |
| KHIC | KH25L1635D   | [SOP8-200] (DualSPI)     | (3088) (*1) |
| KHIC | KH25L1673E   | [SOP8]                   | (3088) (*1) |
| KHIC | KH25L1673E   | [SOP8] (Quad I/O)        | (3088) (*1) |
| KHIC | KH25L1673E   | [WS0N8 6x5]              | (3097) (*1) |
| KHIC | KH25L1673E   | [WS0N8 6x5] (Quad I/O)   | (3097) (*1) |
| KHIC | KH25L1691E   | (ISP)                    | (138)       |
| KHIC | KH25L1691E   | [SOP8]                   | (3087) (*1) |
| KHIC | KH25L1691E   | [SOP8] (Dual o)          | (3087) (*1) |
| KHIC | KH25L2005    | (ISP)                    | (138)       |
| KHIC | KH25L2005    | [SOP8-150]               | (3095) (*1) |
| KHIC | KH25L2006E   | (ISP)                    | (138)       |
| KHIC | KH25L2006E   | [SOP8-150]               | (3095) (*1) |
| KHIC | KH25L2006E   | [SOP8-150] (Dual o)      | (3095) (*1) |
| KHIC | KH25L2006E   | [US0N8]                  | (3934) (*1) |
| KHIC | KH25L2006E   | [WS0N8]                  | (3097) (*1) |
| KHIC | KH25L2006E   | [WS0N8] (Dual o)         | (3097) (*1) |
| KHIC | KH25L25635F  | [SOP16] (Quad I/O)       | (3101) (*1) |
| KHIC | KH25L25635F  | [WS0N8 8x6] (Quad I/O)   | (3053) (*1) |
| KHIC | KH25L25639F  | [WS0N8 8x6] (Quad I/O)   | (3053) (*1) |
| KHIC | KH25L3205D   |                          |             |
| KHIC | KH25L3205D   | [SOP16]                  | (3101) (*1) |
| KHIC | KH25L3205D   | [SOP16] (DualSPI)        | (3101) (*1) |
| KHIC | KH25L3205D   | [SOP8-150]               | (3095) (*1) |
| KHIC | KH25L3205D   | [SOP8-150] (DualSPI)     | (3095) (*1) |
| KHIC | KH25L3205D   | [SOP8-200]               | (3088) (*1) |
| KHIC | KH25L3205D   | [SOP8-200] (DualSPI)     | (3088) (*1) |
| KHIC | KH25L3205D   | [WS0N8]                  | (3097) (*1) |
| KHIC | KH25L3205D   | [WS0N8] (DualSPI)        | (3097) (*1) |
| KHIC | KH25L3206E   |                          |             |
| KHIC | KH25L3206E   | (ISP)                    | (138)       |
| KHIC | KH25L3206E   | [BGA24 6x8]              | (1343) (*1) |
| KHIC | KH25L3206E   | [BGA24 6x8] (Dual o)     | (1343) (*1) |
| KHIC | KH25L3206E   | [SOP16]                  | (3101) (*1) |
| KHIC | KH25L3206E   | [SOP16] (Dual o)         | (3101) (*1) |
| KHIC | KH25L3206E   | [SOP8]                   | (3088) (*1) |
| KHIC | KH25L3206E   | [SOP8] (Dual o)          | (3088) (*1) |
| KHIC | KH25L3206E   | [US0N8]                  | (3099) (*1) |
| KHIC | KH25L3206E   | [US0N8] (Dual o)         | (3099) (*1) |
| KHIC | KH25L3206E   | [WS0N8]                  | (3097) (*1) |
| KHIC | KH25L3206E   | [WS0N8] (Dual o)         | (3097) (*1) |
| KHIC | KH25L3208E   | (ISP)                    | (138)       |
| KHIC | KH25L3208E   | [SOP8]                   | (3088) (*1) |
| KHIC | KH25L3208E   | [SOP8] (Dual o)          | (3088) (*1) |
| KHIC | KH25L3208E   | [WS0N8 6x5]              | (3097) (*1) |
| KHIC | KH25L3208E   | [WS0N8 6x5] (Dual o)     | (3097) (*1) |
| KHIC | KH25L3233F   | (ISP)                    | (138)       |
| KHIC | KH25L3233F   | [SOP8-150]               | (3094) (*1) |
| KHIC | KH25L3233F   | [SOP8-150] (Quad I/O)    | (3094) (*1) |
| KHIC | KH25L3233F   | [SOP8-200]               | (3088) (*1) |
| KHIC | KH25L3233F   | [SOP8-200] (Quad I/O)    | (3088) (*1) |
| KHIC | KH25L3236F   | [SOP8-200]               | (3087) (*1) |
| KHIC | KH25L3236F   | [SOP8-200] (Quad I/O)    | (3087) (*1) |
| KHIC | KH25L3239E   | [SOP8]                   | (3088) (*1) |
| KHIC | KH25L3239E   | [SOP8] (Quad I/O)        | (3088) (*1) |
| KHIC | KH25L3239E   | [VSOP8]                  | (3088) (*1) |
| KHIC | KH25L3239E   | [VSOP8] (Quad I/O)       | (3088) (*1) |
| KHIC | KH25L3239E   | [WS0N8 6x5]              | (3097) (*1) |
| KHIC | KH25L3239E   | [WS0N8 6x5] (Quad I/O)   | (3097) (*1) |
| KHIC | KH25L3255E   | [SOP8]                   | (3088) (*1) |
| KHIC | KH25L3255E   | [SOP8] (Quad I/O)        | (3088) (*1) |
| KHIC | KH25L3255EXC | [TFBGA24 6x8]            | (1268) (*1) |
| KHIC | KH25L3255EXC | [TFBGA24 6x8] (Quad I/O) | (1268) (*1) |
| KHIC | KH25L3255EXD | [TFBGA24 6x8]            | (1343) (*1) |
| KHIC | KH25L3255EXD | [TFBGA24 6x8] (Quad I/O) | (1343) (*1) |
| KHIC | KH25L3273E   |                          |             |
| KHIC | KH25L3273E   | [SOP16]                  | (3101) (*1) |
| KHIC | KH25L3273E   | [SOP16] (Quad I/O)       | (3101) (*1) |
| KHIC | KH25L3273E   | [SOP8]                   | (3088) (*1) |
| KHIC | KH25L3273E   | [SOP8] (Quad I/O)        | (3088) (*1) |
| KHIC | KH25L3273E   | [VSOP8]                  | (3088) (*1) |
| KHIC | KH25L3273E   | [VSOP8] (Quad I/O)       | (3088) (*1) |
| KHIC | KH25L3273E   | [WS0N8 6x5]              | (3097) (*1) |
| KHIC | KH25L3273E   | [WS0N8 6x5] (Quad I/O)   | (3097) (*1) |
| KHIC | KH25L3291E   | (ISP)                    | (138)       |
| KHIC | KH25L3291E   | [SOP8]                   | (3087) (*1) |
| KHIC | KH25L3291E   | [SOP8] (Dual o)          | (3087) (*1) |
| KHIC | KH25L4005A   | (ISP)                    | (138)       |
| KHIC | KH25L4005A   | [SOP8-150]               | (3095) (*1) |
| KHIC | KH25L4005A   | [SOP8-200]               | (3088) (*1) |
| KHIC | KH25L4006E   | (ISP)                    | (138)       |
| KHIC | KH25L4006E   | [SOP8-150]               | (3095) (*1) |
| KHIC | KH25L4006E   | [SOP8-150] (Dual o)      | (3095) (*1) |
| KHIC | KH25L4006E   | [SOP8-200]               | (3088) (*1) |
| KHIC | KH25L4006E   | [SOP8-200] (Dual o)      | (3088) (*1) |
| KHIC | KH25L4026E   | (ISP)                    | (138)       |
| KHIC | KH25L4026E   | [SOP8-150]               | (3094) (*1) |
| KHIC | KH25L4026E   | [SOP8-150] (Dual o)      | (3094) (*1) |
| KHIC | KH25L512     | (ISP)                    | (138)       |
| KHIC | KH25L512     | [SOP8-150]               | (3095) (*1) |
| KHIC | KH25L5121E   | (ISP)                    | (138)       |
| KHIC | KH25L5121E   | [SOP8-150]               | (3095) (*1) |
| KHIC | KH25L5121E   | [TSSOP8]                 | (1388)      |
| KHIC | KH25L5121E   | [US0N8]                  | (3934) (*1) |

|      |              |                          |              |
|------|--------------|--------------------------|--------------|
| KHIC | KH25L512E    | (ISP)                    | (138)        |
| KHIC | KH25L512E    | [SOP8-150]               | (3095) (*1)  |
| KHIC | KH25L512E    | [SOP8-150] (Dual o)      | (3095) (*1)  |
| KHIC | KH25L512E    | [TSSOP8]                 | (1388)       |
| KHIC | KH25L512E    | [TSSOP8] (Dual o)        | (1388)       |
| KHIC | KH25L512E    | [USON8]                  | (3934) (*1)  |
| KHIC | KH25L6405D   | [SOP16]                  | (3101) (*1)  |
| KHIC | KH25L6405D   | [SOP16] (DualSPI)        | (3101) (*1)  |
| KHIC | KH25L6405D   | [WSON8]                  | (3053) (*1)  |
| KHIC | KH25L6405D   | [WSON8] (DualSPI)        | (3053) (*1)  |
| KHIC | KH25L6406E   | [SOP16]                  | (3101) (*1)  |
| KHIC | KH25L6406E   | [SOP16] (Dual o)         | (3101) (*1)  |
| KHIC | KH25L6406E   | [SOP8]                   | (3088) (*1)  |
| KHIC | KH25L6406E   | [SOP8] (Dual o)          | (3088) (*1)  |
| KHIC | KH25L6406E   | [WSON8]                  | (3053) (*1)  |
| KHIC | KH25L6406E   | [WSON8] (Dual o)         | (3053) (*1)  |
| KHIC | KH25L6408E   | (ISP)                    | (138)        |
| KHIC | KH25L6408E   | [SOP16]                  | (3101) (*1)  |
| KHIC | KH25L6408E   | [SOP16] (Dual o)         | (3101) (*1)  |
| KHIC | KH25L6408E   | [SOP8]                   | (3088) (*1)  |
| KHIC | KH25L6408E   | [SOP8] (Dual o)          | (3088) (*1)  |
| KHIC | KH25L6408E   | [WSON8]                  | (3053) (*1)  |
| KHIC | KH25L6408E   | [WSON8] (Dual o)         | (3053) (*1)  |
| KHIC | KH25L6433F   | (ISP)                    | (138)        |
| KHIC | KH25L6433F   | [SOP8-200]               | (3088) (*1)  |
| KHIC | KH25L6433F   | [SOP8-200] (Quad I/o)    | (3088) (*1)  |
| KHIC | KH25L6433FXC | [TFBGA24 6x8]            | (1268) (*1)  |
| KHIC | KH25L6433FXC | [TFBGA24 6x8] (Quad I/o) | (1268) (*1)  |
| KHIC | KH25L6436F   | (ISP)                    | (138) (9997) |
| KHIC | KH25L6436F   | [SOP8-200]               | (3087) (*1)  |
| KHIC | KH25L6436F   | [SOP8-200] (Quad I/o)    | (3087) (*1)  |
| KHIC | KH25L6439E   | [SOP8]                   | (3088) (*1)  |
| KHIC | KH25L6439E   | [SOP8] (Quad I/o)        | (3088) (*1)  |
| KHIC | KH25L6439E   | [VSOP8]                  | (3088) (*1)  |
| KHIC | KH25L6439E   | [VSOP8] (Quad I/o)       | (3088) (*1)  |
| KHIC | KH25L6455E   | [SOP16]                  | (3101) (*1)  |
| KHIC | KH25L6455E   | [SOP16] (Dual I/o)       | (3101) (*1)  |
| KHIC | KH25L6455E   | [SOP16] (Quad I/o)       | (3101) (*1)  |
| KHIC | KH25L6455E   | [TFBGA24]                | (1268) (*1)  |
| KHIC | KH25L6455E   | [TFBGA24] (Dual I/o)     | (1268) (*1)  |
| KHIC | KH25L6455E   | [TFBGA24] (Quad I/o)     | (1268) (*1)  |
| KHIC | KH25L6456E   | [SOP8]                   | (3088) (*1)  |
| KHIC | KH25L6456E   | [SOP8] (Quad I/o)        | (3088) (*1)  |
| KHIC | KH25L6456EXC | [TFBGA24 6x8]            | (1268) (*1)  |
| KHIC | KH25L6456EXC | [TFBGA24 6x8] (Quad I/o) | (1268) (*1)  |
| KHIC | KH25L6456EXD | [TFBGA24 6x8]            | (1343) (*1)  |
| KHIC | KH25L6456EXD | [TFBGA24 6x8] (Quad I/o) | (1343) (*1)  |
| KHIC | KH25L6473E   | (ISP)                    | (138)        |
| KHIC | KH25L6473E   | [SOP16]                  | (3101) (*1)  |
| KHIC | KH25L6473E   | [SOP16] (Quad I/o)       | (3101) (*1)  |
| KHIC | KH25L6473E   | [SOP8]                   | (3088) (*1)  |
| KHIC | KH25L6473E   | [SOP8] (Quad I/o)        | (3088) (*1)  |
| KHIC | KH25L6473E   | [VSOP8]                  | (3088) (*1)  |
| KHIC | KH25L6473E   | [VSOP8] (Quad I/o)       | (3088) (*1)  |
| KHIC | KH25L6473E   | [WSON8 6x5]              | (3097) (*1)  |
| KHIC | KH25L6473E   | [WSON8 6x5] (Quad I/o)   | (3097) (*1)  |
| KHIC | KH25L6473F   | [SOP8-200]               | (3087) (*1)  |
| KHIC | KH25L6473F   | [SOP8-200] (Quad I/o)    | (3087) (*1)  |
| KHIC | KH25L6491E   | (ISP)                    | (138)        |
| KHIC | KH25L6491E   | [SOP8]                   | (3087) (*1)  |
| KHIC | KH25L6491E   | [SOP8] (Dual o)          | (3087) (*1)  |
| KHIC | KH25L8005    | [SOTC8-200]              | (3088) (*1)  |
| KHIC | KH25L8006E   | (ISP)                    | (138)        |
| KHIC | KH25L8006E   | [SOP8-150]               | (3095) (*1)  |
| KHIC | KH25L8006E   | [SOP8-150] (Dual o)      | (3095) (*1)  |
| KHIC | KH25L8006E   | [SOP8-200]               | (3088) (*1)  |
| KHIC | KH25L8006E   | [SOP8-200] (Dual o)      | (3088) (*1)  |
| KHIC | KH25L8008E   | [SOP8-200]               | (3088) (*1)  |
| KHIC | KH25L8008E   | [SOP8-200] (Dual o)      | (3088) (*1)  |
| KHIC | KH25L8036D   | (ISP)                    | (138)        |
| KHIC | KH25L8036D   | [SOP16]                  | (3101) (*1)  |
| KHIC | KH25L8036D   | [SOP16] (DualSPI)        | (3101) (*1)  |
| KHIC | KH25L8036D   | [SOP8-150]               | (3095) (*1)  |
| KHIC | KH25L8036D   | [SOP8-150] (DualSPI)     | (3095) (*1)  |
| KHIC | KH25L8036D   | [SOP8-200]               | (3088) (*1)  |
| KHIC | KH25L8036D   | [SOP8-200] (DualSPI)     | (3088) (*1)  |
| KHIC | KH25L8036D   | [WSON8]                  | (3097) (*1)  |
| KHIC | KH25L8036D   | [WSON8] (DualSPI)        | (3097) (*1)  |
| KHIC | KH25L8073E   | [SOP8]                   | (3088) (*1)  |
| KHIC | KH25L8073E   | [SOP8] (Quad I/o)        | (3088) (*1)  |
| KHIC | KH25U12839F  | [WSON8 6x5]              | (3097) (*1)  |
| KHIC | KH25U1635F   | [SOP8-200]               | (3088) (*1)  |
| KHIC | KH25U1635F   | [SOP8-200] (Dual I/o)    | (3088) (*1)  |
| KHIC | KH25U1635F   | [USON8]                  | (3099) (*1)  |
| KHIC | KH25U1635F   | [USON8] (Dual I/o)       | (3099) (*1)  |
| KHIC | KH25U1635F   | [WSON8]                  | (3097) (*1)  |
| KHIC | KH25U1635F   | [WSON8] (Dual I/o)       | (3097) (*1)  |
| KHIC | KH25U1639E   | (ISP)                    | (138)        |
| KHIC | KH25U1639E   | [WSON8]                  | (3097) (*1)  |
| KHIC | KH25U1639E   | [WSON8] (Dual I/o)       | (3097) (*1)  |
| KHIC | KH25U1639E   | [WSON8] (Quad I/o)       | (3097) (*1)  |
| KHIC | KH25U25639F  | [WSON8 8x6] (Quad I/o)   | (3053) (*1)  |
| KHIC | KH25U3239E   | [WSON8 6x5]              | (3097) (*1)  |
| KHIC | KH25U4033E   | [SOP8-150]               | (3095) (*1)  |
| KHIC | KH25U4033E   | [TSSOP8]                 | (1388)       |
| KHIC | KH25U4033E   | [USON8]                  | (3099) (*1)  |
| KHIC | KH25U4033E   | [WSON8]                  | (3097) (*1)  |
| KHIC | KH25U5121E   | (ISP)                    | (138)        |
| KHIC | KH25U5121E   | [SOP8-150]               | (3095) (*1)  |
| KHIC | KH25U5121E   | [TSSOP8]                 | (1388)       |
| KHIC | KH25U5121E   | [USON8]                  | (3934) (*1)  |
| KHIC | KH25U6439F   | [SOP8]                   | (3088) (*1)  |
| KHIC | KH25U6439F   | [WSON8]                  | (3097) (*1)  |
| KHIC | KH25U6473F   | (ISP)                    | (138)        |
| KHIC | KH25U6473F   | [SOP8]                   | (3088) (*1)  |
| KHIC | KH25U6473F   | [SOP8] (Quad I/o)        | (3088) (*1)  |
| KHIC | KH25U8035E   | (ISP)                    | (138)        |
| KHIC | KH25U8035E   | [SOP8-150]               | (3095) (*1)  |
| KHIC | KH25U8035E   | [SOP8-150] (Dual I/o)    | (3095) (*1)  |
| KHIC | KH25U8035E   | [SOP8-200]               | (3088) (*1)  |
| KHIC | KH25U8035E   | [SOP8-200] (Dual I/o)    | (3088) (*1)  |
| KHIC | KH25U8035E   | [USON8 4x4]              | (3099) (*1)  |
| KHIC | KH25U8035E   | [USON8 4x4] (Dual I/o)   | (3099) (*1)  |
| KHIC | KH25U8035E   | [WSON8 6x5]              | (3097) (*1)  |
| KHIC | KH25U8035E   | [WSON8 6x5] (Dual I/o)   | (3097) (*1)  |
| KHIC | KH25V1635F   | (ISP)                    | (138)        |
| KHIC | KH25V1635F   | [SOP8-150]               | (3094) (*1)  |
| KHIC | KH25V1635F   | [SOP8-150] (Quad I/o)    | (3094) (*1)  |
| KHIC | KH25V1635F   | [SOP8-200]               | (3087) (*1)  |
| KHIC | KH25V1635F   | [SOP8-200] (Quad I/o)    | (3087) (*1)  |
| KHIC | KH25V1635F   | [WSON8]                  | (4117) (*1)  |
| KHIC | KH25V1635F   | [WSON8] (Quad I/o)       | (4117) (*1)  |
| KHIC | KH25V4035F   | (ISP)                    | (138)        |
| KHIC | KH25V4035F   | [SOP8-150]               | (3094) (*1)  |
| KHIC | KH25V4035F   | [SOP8-150] (Quad I/o)    | (3094) (*1)  |

|                    |                    |                        |             |
|--------------------|--------------------|------------------------|-------------|
| KHIC               | KH25V4035F         | [SOP8-200]             | (3087) (*1) |
| KHIC               | KH25V4035F         | [SOP8-200] (Quad I/o)  | (3087) (*1) |
| KHIC               | KH25V4035F         | [USON8 2x3]            | (3934) (*1) |
| KHIC               | KH25V4035F         | [USON8 2x3] (Quad I/o) | (3934) (*1) |
| KHIC               | KH25V4035F         | [WSON8]                | (4117) (*1) |
| KHIC               | KH25V4035F         | [WSON8] (Quad I/o)     | (4117) (*1) |
| KHIC               | KH25V8035F         | [ISP]                  | (138)       |
| KHIC               | KH25V8035F         | [SOP8-150]             | (3094) (*1) |
| KHIC               | KH25V8035F         | [SOP8-150] (Quad I/o)  | (3094) (*1) |
| KHIC               | KH25V8035F         | [SOP8-200]             | (3087) (*1) |
| KHIC               | KH25V8035F         | [SOP8-200] (Quad I/o)  | (3087) (*1) |
| KHIC               | KH25V8035F         | [USON8 2x3]            | (3934) (*1) |
| KHIC               | KH25V8035F         | [USON8 2x3] (Quad I/o) | (3934) (*1) |
| KHIC               | KH25V8035F         | [WSON8]                | (4117) (*1) |
| KHIC               | KH25V8035F         | [WSON8] (Quad I/o)     | (4117) (*1) |
| KHIC               | KH29GL128FH        | [TSOP56]               | (3080)      |
| KHIC               | KH29GL128FHXF      | [LFBGA64]              | (1319)      |
| KHIC               | KH29GL128FL        | [TSOP56]               | (3080)      |
| KHIC               | KH29GL128FLXF      | [LFBGA64]              | (1319)      |
| KHIC               | KH29GL256FHXF      | [LFBGA64]              | (1319)      |
| KHIC               | KH29GL256FLXF      | [LFBGA64]              | (1319)      |
| KHIC               | KH29GL512FH        | [TSOP56]               | (3079)      |
| KHIC               | KH29GL512FL        | [TSOP56]               | (3079)      |
| KHIC               | KH29GL640EB        | [TSOP48]               | (1346)      |
| KHIC               | KH29GL640EBXE      | [LFBGA48]              | (859)       |
| KHIC               | KH29GL640ET        | [TSOP48]               | (1346)      |
| KHIC               | KH29GL640ETXE      | [LFBGA48]              | (859)       |
| KHIC               | KH29LV160CB        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV160CT        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV160DB        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV160DT        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV320CB        | [CSP48]                | (859)       |
| KHIC               | KH29LV320CB        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV320CT        | [CSP48]                | (859)       |
| KHIC               | KH29LV320CT        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV320DB        | [PSOP44]               | (1356)      |
| KHIC               | KH29LV320DB        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV320DBXB      | [CSP48]                | (859)       |
| KHIC               | KH29LV320DBXE      | [CSP48]                | (859)       |
| KHIC               | KH29LV320DT        | [PSOP44]               | (1356)      |
| KHIC               | KH29LV320DT        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV320DTXB      | [CSP48]                | (859)       |
| KHIC               | KH29LV320DTXE      | [CSP48]                | (859)       |
| KHIC               | KH29LV320EB        | [PSOP44]               | (1356)      |
| KHIC               | KH29LV320EB        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV320EBXB      | [TFBGA48]              | (859)       |
| KHIC               | KH29LV320EBXE      | [LFBGA48]              | (859)       |
| KHIC               | KH29LV320ET        | [PSOP44]               | (1356)      |
| KHIC               | KH29LV320ET        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV320ETXB      | [TFBGA48]              | (859)       |
| KHIC               | KH29LV320ETXE      | [LFBGA48]              | (859)       |
| KHIC               | KH29LV400CB        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV400CT        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV640DB        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV640DT        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV800CB        | [TSOP48]               | (1346)      |
| KHIC               | KH29LV800CT        | [TSOP48]               | (1346)      |
| KHIC               | KH29SV400CB        | [TSOP48]               | (1346)      |
| KHIC               | KH29SV400CT        | [TSOP48]               | (1346)      |
| KHIC               | KH68GL1G0FDT2      | [TSOP56]               | (3161)      |
| KHIC               | KH68GL1G0FHT2      | [TSOP56]               | (3161)      |
| KHIC               | KH68GL1G0FLT2      | [TSOP56]               | (3161)      |
| KHIC               | KH68GL1G0FUT2      | [TSOP56]               | (3161)      |
| Kingston Solutions | EMMC04G-S100       | [FBGA153]              | (3178) (*1) |
| Kingston Solutions | EMMC04G-W100       | [FBGA153]              | (3178) (*1) |
| Kingston Solutions | EMMC08G-M325-A01   | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC08G-M325-A52   | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC08G-M325-B52   | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC08G-M325-X01U  | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC08G-S100       | [FBGA153]              | (3178) (*1) |
| Kingston Solutions | EMMC08G-W100       | [FBGA153]              | (3178) (*1) |
| Kingston Solutions | EMMC16G-M325-A01   | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC16G-M525-A52   | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC16G-M525-B52   | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC16G-M525-X01U  | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC16G-S100       | [FBGA153]              | (3178) (*1) |
| Kingston Solutions | EMMC16G-S110       | [FBGA153]              | (3178) (*1) |
| Kingston Solutions | EMMC16G-TB28-A20   | [FBGA153]              | (3149) (*1) |
| Kingston Solutions | EMMC16G-W110       | [FBGA153]              | (3178) (*1) |
| Kingston Solutions | EMMC32G-M525-A52   | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC32G-M525-B52   | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC32G-M525-X01U  | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC32G-S100       | [FBGA153]              | (3178) (*1) |
| Kingston Solutions | EMMC32G-TA28-A01   | [FBGA153]              | (3149) (*1) |
| Kingston Solutions | EMMC32G-TA28-A20   | [FBGA153]              | (3149) (*1) |
| Kingston Solutions | EMMC32G-W100       | [FBGA153]              | (3178) (*1) |
| Kingston Solutions | EMMC64G-M525-A52   | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC64G-M525-B52   | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC64G-M525-X01U  | [FBGA153]              | (3148) (*1) |
| Kingston Solutions | EMMC64G-TA28-A01   | [FBGA153]              | (3149) (*1) |
| Kingston Solutions | EMMC64G-TA28-A20   | [FBGA153]              | (3149) (*1) |
| Kingston Solutions | KE44B-25AN/2GB     | [FBGA153]              | (2578) (*1) |
| Kingston Solutions | KE44B-26BN/4GB     | [FBGA169]              | (2392) (*1) |
| Kingston Solutions | KE44B-26BN/8GB     | [FBGA169]              | (2392) (*1) |
| Kingston Solutions | KE4BT486A          | [FBGA169]              | (2392) (*1) |
| Kingston Solutions | KE4BT5D6A          | [FBGA169]              | (2577) (*1) |
| Kingston Solutions | KE4CN2H5x          | [FBGA153]              | (2634) (*1) |
| Kingston Solutions | KE4CN3H5x          | [FBGA153]              | (2634) (*1) |
| Kingston Solutions | KE4CN4A5x          | [FBGA153]              | (2578) (*1) |
| Kingston Solutions | SD4/16GB           |                        | (2376)      |
| Kingston Solutions | SD4/32GB           |                        | (2376)      |
| Kingston Solutions | SD4/4GB            |                        | (2376)      |
| Kingston Solutions | SD4/8GB            |                        | (2376)      |
| Kingston Solutions | SDC/2GB            |                        | (2376)      |
| Kingston Solutions | SDC10/16GB         |                        | (2376)      |
| Kingston Solutions | SDC10/32GB         |                        | (2376)      |
| Kingston Solutions | SDC10/4GB          |                        | (2376)      |
| Kingston Solutions | SDC10/8GB          |                        | (2376)      |
| Kingston Solutions | SDC4/16GB          |                        | (2376)      |
| Kingston Solutions | SDC4/32GB          |                        | (2376)      |
| Kingston Solutions | SDC4/4GB           |                        | (2376)      |
| Kingston Solutions | SDC4/8GB           |                        | (2376)      |
| Kingston Techn.    | EMMC04G-M627-X01U  | [FBGA153]              | (3148) (*1) |
| Kingston Techn.    | EMMC04G-M627-X02U  | [FBGA153]              | (3148) (*1) |
| Kingston Techn.    | EMMC04G-S100       | [FBGA153]              | (3178) (*1) |
| Kingston Techn.    | EMMC04G-S627-X01U  | [FBGA153]              | (3148) (*1) |
| Kingston Techn.    | EMMC04G-W100       | [FBGA153]              | (3178) (*1) |
| Kingston Techn.    | EMMC08G-M325-A52   | [FBGA153]              | (3148) (*1) |
| Kingston Techn.    | EMMC08G-M325-B52   | [FBGA153]              | (3148) (*1) |
| Kingston Techn.    | EMMC08G-M325-X01U  | [FBGA153]              | (3148) (*1) |
| Kingston Techn.    | EMMC08G-S100       | [FBGA153]              | (3178) (*1) |
| Kingston Techn.    | EMMC08G-S325-X51U  | [FBGA153]              | (3148) (*1) |
| Kingston Techn.    | EMMC08G-W100       | [FBGA153]              | (3178) (*1) |
| Kingston Techn.    | EMMC08G-W325-X01U  | [FBGA153]              | (3148) (*1) |
| Kingston Techn.    | EMMC128G-M522-B34U | [FBGA153]              | (3148) (*1) |
| Kingston Techn.    | EMMC16G-M525-A52   | [FBGA153]              | (3148) (*1) |
| Kingston Techn.    | EMMC16G-M525-B52   | [FBGA153]              | (3148) (*1) |
| Kingston Techn.    | EMMC16G-M525-X01U  | [FBGA153]              | (3148) (*1) |

|                 |                             |             |
|-----------------|-----------------------------|-------------|
| Kingston Techn. | EMMC16G-S100 [FBGA153]      | (3178) (*1) |
| Kingston Techn. | EMMC16G-S110 [FBGA153]      | (3178) (*1) |
| Kingston Techn. | EMMC16G-S325-X51U [FBGA153] | (3148) (*1) |
| Kingston Techn. | EMMC16G-W110 [FBGA153]      | (3178) (*1) |
| Kingston Techn. | EMMC16G-W525-X01U [FBGA153] | (3148) (*1) |
| Kingston Techn. | EMMC32G-M525-A52 [FBGA153]  | (3148) (*1) |
| Kingston Techn. | EMMC32G-M525-B52 [FBGA153]  | (3148) (*1) |
| Kingston Techn. | EMMC32G-M525-X01U [FBGA153] | (3148) (*1) |
| Kingston Techn. | EMMC32G-S100 [FBGA153]      | (3178) (*1) |
| Kingston Techn. | EMMC32G-S325-X51U [FBGA153] | (3148) (*1) |
| Kingston Techn. | EMMC32G-W100 [FBGA153]      | (3178) (*1) |
| Kingston Techn. | EMMC32G-W525-X01U [FBGA153] | (3148) (*1) |
| Kingston Techn. | EMMC64G-M525-A52 [FBGA153]  | (3148) (*1) |
| Kingston Techn. | EMMC64G-M525-B52 [FBGA153]  | (3148) (*1) |
| Kingston Techn. | EMMC64G-M525-X01U [FBGA153] | (3148) (*1) |
| Kingston Techn. | EMMC64G-W525-X01U [FBGA153] | (3148) (*1) |
| Kingston Techn. | KSCLCMBL2VA2M2C [FBGA162]   | (3366)      |
| K-LINE          | K24C128                     |             |
| K-LINE          | K24C128 (ISP)               | (138)       |
| K-LINE          | K24C128 [SOP8]              | (950)       |
| K-LINE          | K24C128 [TSSOP8]            | (121)       |
| K-LINE          | K24C16                      |             |
| K-LINE          | K24C16 (ISP)                | (138)       |
| K-LINE          | K24C16 [SOP8]               | (950)       |
| K-LINE          | K24C16 [TSSOP8]             | (121)       |
| K-LINE          | K24C32                      |             |
| K-LINE          | K24C32 (ISP)                | (138)       |
| K-LINE          | K24C32 [DFN8]               | (2995)      |
| K-LINE          | K24C32 [MSOP8]              | (605)       |
| K-LINE          | K24C32 [SOP8]               | (950)       |
| K-LINE          | K24C32 [TSSOP8]             | (121)       |
| K-LINE          | K24C64                      |             |
| K-LINE          | K24C64 (ISP)                | (138)       |
| K-LINE          | K24C64 [DFN8]               | (2995)      |
| K-LINE          | K24C64 [MSOP8]              | (605)       |
| K-LINE          | K24C64 [SOP8]               | (950)       |
| K-LINE          | K24C64 [TSSOP8]             | (121)       |
| Kodenshi        | KK24LC02B                   |             |
| Kodenshi        | KK24LC02B (ISP)             | (138)       |
| Kodenshi        | KK24LC02B [SOIC8]           | (950)       |
| Kodenshi        | KK24LC04B                   |             |
| Kodenshi        | KK24LC04B (ISP)             | (138)       |
| Kodenshi        | KK24LC04B [SOIC8]           | (950)       |
| Kodenshi        | KK24LC08B                   |             |
| Kodenshi        | KK24LC08B (ISP)             | (138)       |
| Kodenshi        | KK24LC08B [SOIC8]           | (950)       |
| Kodenshi        | KK24LC16B                   |             |
| Kodenshi        | KK24LC16B (ISP)             | (138)       |
| Kodenshi        | KK24LC16B [SOIC8]           | (950)       |
| Lantronix       | 220-606-R [BGA90]           | (1541)      |
| Lantronix       | 220-860-R [BGA90]           | (1541)      |
| Lapis           | MR44V064A (ISP)             | (138)       |
| Lapis           | MR44V064A [SOP8]            | (950)       |
| Lapis           | MR44V064B (ISP)             | (138)       |
| Lapis           | MR44V064B [SOP8]            | (950)       |
| Lapis           | MR44V100A (ISP)             | (138)       |
| Lapis           | MR44V100A [SOP8]            | (950)       |
| Lapis           | MR45V032A (ISP)             | (138)       |
| Lapis           | MR45V032A [SOP8]            | (950)       |
| Lapis           | MR45V064B (ISP)             | (138)       |
| Lapis           | MR45V064B [SOP8]            | (950)       |
| Lapis           | MR45V100A                   |             |
| Lapis           | MR45V100A (ISP)             | (138)       |
| Lapis           | MR45V100A [SOP8]            | (950)       |
| Lapis           | MR45V200A                   |             |
| Lapis           | MR45V200A (ISP)             | (138)       |
| Lapis           | MR45V200B                   |             |
| Lapis           | MR45V200B (ISP)             | (138)       |
| Lapis           | MR45V256A (ISP)             | (138)       |
| Lapis           | MR45V256A [SOP8]            | (950)       |
| Lapis           | MR48V256A [TSOP28]          | (54)        |
| Lattice         | GAL16LV8C                   |             |
| Lattice         | GAL16LV8C [PLCC20]          | (47)        |
| Lattice         | GAL16LV8D                   |             |
| Lattice         | GAL16LV8D [PLCC20]          | (47)        |
| Lattice         | GAL16LV8Z                   |             |
| Lattice         | GAL16LV8Z [PLCC20]          | (47)        |
| Lattice         | GAL16LV8ZD                  |             |
| Lattice         | GAL16LV8ZD [PLCC20]         | (47)        |
| Lattice         | GAL16V8                     |             |
| Lattice         | GAL16V8 [PLCC20]            | (47)        |
| Lattice         | GAL16V8 [SOIC20]            | (119)       |
| Lattice         | GAL16V8 as PAL10H8          |             |
| Lattice         | GAL16V8 as PAL10H8 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL10H8 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL10L8          |             |
| Lattice         | GAL16V8 as PAL10L8 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL10L8 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL10P8          |             |
| Lattice         | GAL16V8 as PAL10P8 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL10P8 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL12H6          |             |
| Lattice         | GAL16V8 as PAL12H6 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL12H6 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL12L6          |             |
| Lattice         | GAL16V8 as PAL12L6 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL12L6 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL12P6          |             |
| Lattice         | GAL16V8 as PAL12P6 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL12P6 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL14H4          |             |
| Lattice         | GAL16V8 as PAL14H4 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL14H4 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL14L4          |             |
| Lattice         | GAL16V8 as PAL14L4 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL14L4 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL14P4          |             |
| Lattice         | GAL16V8 as PAL14P4 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL14P4 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL16H2          |             |
| Lattice         | GAL16V8 as PAL16H2 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL16H2 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL16H8          |             |
| Lattice         | GAL16V8 as PAL16H8 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL16H8 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL16L2          |             |
| Lattice         | GAL16V8 as PAL16L2 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL16L2 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL16L8          |             |
| Lattice         | GAL16V8 as PAL16L8 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL16L8 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL16P2          |             |
| Lattice         | GAL16V8 as PAL16P2 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL16P2 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL16P8          |             |
| Lattice         | GAL16V8 as PAL16P8 [PLCC20] | (47)        |
| Lattice         | GAL16V8 as PAL16P8 [SOIC20] | (119)       |
| Lattice         | GAL16V8 as PAL16R4          |             |

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|         |            |    |                   |       |
|---------|------------|----|-------------------|-------|
| Lattice | GAL16V8D   | as | PAL16L8 [PLCC20]  | (47)  |
| Lattice | GAL16V8D   | as | PAL16L8 [SOIC20]  | (119) |
| Lattice | GAL16V8D   | as | PAL16P2           |       |
| Lattice | GAL16V8D   | as | PAL16P2 [PLCC20]  | (47)  |
| Lattice | GAL16V8D   | as | PAL16P2 [SOIC20]  | (119) |
| Lattice | GAL16V8D   | as | PAL16P8           |       |
| Lattice | GAL16V8D   | as | PAL16P8 [PLCC20]  | (47)  |
| Lattice | GAL16V8D   | as | PAL16P8 [SOIC20]  | (119) |
| Lattice | GAL16V8D   | as | PAL16R4           |       |
| Lattice | GAL16V8D   | as | PAL16R4 [PLCC20]  | (47)  |
| Lattice | GAL16V8D   | as | PAL16R4 [SOIC20]  | (119) |
| Lattice | GAL16V8D   | as | PAL16R6           |       |
| Lattice | GAL16V8D   | as | PAL16R6 [PLCC20]  | (47)  |
| Lattice | GAL16V8D   | as | PAL16R6 [SOIC20]  | (119) |
| Lattice | GAL16V8D   | as | PAL16R8           |       |
| Lattice | GAL16V8D   | as | PAL16R8 [PLCC20]  | (47)  |
| Lattice | GAL16V8D   | as | PAL16R8 [SOIC20]  | (119) |
| Lattice | GAL16V8D   | as | PAL16RP4          |       |
| Lattice | GAL16V8D   | as | PAL16RP4 [PLCC20] | (47)  |
| Lattice | GAL16V8D   | as | PAL16RP4 [SOIC20] | (119) |
| Lattice | GAL16V8D   | as | PAL16RP6          |       |
| Lattice | GAL16V8D   | as | PAL16RP6 [PLCC20] | (47)  |
| Lattice | GAL16V8D   | as | PAL16RP6 [SOIC20] | (119) |
| Lattice | GAL16V8D   | as | PAL16RP8          |       |
| Lattice | GAL16V8D   | as | PAL16RP8 [PLCC20] | (47)  |
| Lattice | GAL16V8D   | as | PAL16RP8 [SOIC20] | (119) |
| Lattice | GAL16V8Z   |    |                   |       |
| Lattice | GAL16V8Z   |    | [PLCC20]          | (47)  |
| Lattice | GAL16V8Z   |    | [SOIC20]          | (119) |
| Lattice | GAL16V8Z   | as | PAL10H8           |       |
| Lattice | GAL16V8Z   | as | PAL10H8 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL10H8 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL10L8           |       |
| Lattice | GAL16V8Z   | as | PAL10L8 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL10L8 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL10P8           |       |
| Lattice | GAL16V8Z   | as | PAL10P8 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL10P8 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL12H6           |       |
| Lattice | GAL16V8Z   | as | PAL12H6 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL12H6 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL12L6           |       |
| Lattice | GAL16V8Z   | as | PAL12L6 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL12L6 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL12P6           |       |
| Lattice | GAL16V8Z   | as | PAL12P6 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL12P6 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL14H4           |       |
| Lattice | GAL16V8Z   | as | PAL14H4 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL14H4 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL14L4           |       |
| Lattice | GAL16V8Z   | as | PAL14L4 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL14L4 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL14P4           |       |
| Lattice | GAL16V8Z   | as | PAL14P4 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL14P4 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL16H2           |       |
| Lattice | GAL16V8Z   | as | PAL16H2 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL16H2 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL16H8           |       |
| Lattice | GAL16V8Z   | as | PAL16H8 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL16H8 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL16L2           |       |
| Lattice | GAL16V8Z   | as | PAL16L2 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL16L2 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL16L8           |       |
| Lattice | GAL16V8Z   | as | PAL16L8 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL16L8 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL16P2           |       |
| Lattice | GAL16V8Z   | as | PAL16P2 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL16P2 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL16P8           |       |
| Lattice | GAL16V8Z   | as | PAL16P8 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL16P8 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL16R4           |       |
| Lattice | GAL16V8Z   | as | PAL16R4 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL16R4 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL16R6           |       |
| Lattice | GAL16V8Z   | as | PAL16R6 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL16R6 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL16R8           |       |
| Lattice | GAL16V8Z   | as | PAL16R8 [PLCC20]  | (47)  |
| Lattice | GAL16V8Z   | as | PAL16R8 [SOIC20]  | (119) |
| Lattice | GAL16V8Z   | as | PAL16RP4          |       |
| Lattice | GAL16V8Z   | as | PAL16RP4 [PLCC20] | (47)  |
| Lattice | GAL16V8Z   | as | PAL16RP4 [SOIC20] | (119) |
| Lattice | GAL16V8Z   | as | PAL16RP6          |       |
| Lattice | GAL16V8Z   | as | PAL16RP6 [PLCC20] | (47)  |
| Lattice | GAL16V8Z   | as | PAL16RP6 [SOIC20] | (119) |
| Lattice | GAL16V8Z   | as | PAL16RP8          |       |
| Lattice | GAL16V8Z   | as | PAL16RP8 [PLCC20] | (47)  |
| Lattice | GAL16V8Z   | as | PAL16RP8 [SOIC20] | (119) |
| Lattice | GAL16V8ZD  |    |                   |       |
| Lattice | GAL16V8ZD  |    | [PLCC20]          | (47)  |
| Lattice | GAL16V8ZD  |    | [SOIC20]          | (119) |
| Lattice | GAL18V10   |    |                   |       |
| Lattice | GAL18V10   |    | [PLCC20]          | (47)  |
| Lattice | GAL18V10B  |    |                   |       |
| Lattice | GAL18V10B  |    | [PLCC20]          | (47)  |
| Lattice | GAL20LV8C  |    |                   |       |
| Lattice | GAL20LV8C  |    | [PLCC28]          | (48)  |
| Lattice | GAL20LV8D  |    |                   |       |
| Lattice | GAL20LV8D  |    | [PLCC28]          | (48)  |
| Lattice | GAL20LV8Z  |    |                   |       |
| Lattice | GAL20LV8Z  |    | [PLCC28]          | (48)  |
| Lattice | GAL20LV8ZD |    |                   |       |
| Lattice | GAL20LV8ZD |    | [PLCC28]          | (48)  |
| Lattice | GAL20RA10  |    |                   |       |
| Lattice | GAL20RA10  |    | [PLCC28]          | (48)  |
| Lattice | GAL20RA10B |    |                   |       |
| Lattice | GAL20RA10B |    | [PLCC28]          | (48)  |
| Lattice | GAL20V8    |    |                   |       |
| Lattice | GAL20V8    |    | [PLCC28]          | (48)  |
| Lattice | GAL20V8    | as | PAL14H8           |       |
| Lattice | GAL20V8    | as | PAL14H8 [PLCC28]  | (48)  |
| Lattice | GAL20V8    | as | PAL14L8           |       |
| Lattice | GAL20V8    | as | PAL14L8 [PLCC28]  | (48)  |
| Lattice | GAL20V8    | as | PAL14P8           |       |
| Lattice | GAL20V8    | as | PAL14P8 [PLCC28]  | (48)  |
| Lattice | GAL20V8    | as | PAL16H6           |       |
| Lattice | GAL20V8    | as | PAL16H6 [PLCC28]  | (48)  |
| Lattice | GAL20V8    | as | PAL16L6           |       |
| Lattice | GAL20V8    | as | PAL16L6 [PLCC28]  | (48)  |
| Lattice | GAL20V8    | as | PAL16P6           |       |
| Lattice | GAL20V8    | as | PAL16P6 [PLCC28]  | (48)  |
| Lattice | GAL20V8    | as | PAL18H4           |       |
| Lattice | GAL20V8    | as | PAL18H4 [PLCC28]  | (48)  |
| Lattice | GAL20V8    | as | PAL18L4           |       |

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|---------|------------------------------|--------|
| Lattice | GAL22LV10C [PLCC28]          | (48)   |
| Lattice | GAL22LV10D                   |        |
| Lattice | GAL22LV10D [PLCC28]          | (48)   |
| Lattice | GAL22LV10Z                   |        |
| Lattice | GAL22LV10Z [PLCC28]          | (48)   |
| Lattice | GAL22LV10ZD                  |        |
| Lattice | GAL22LV10ZD [PLCC28]         | (48)   |
| Lattice | GAL22V10                     |        |
| Lattice | GAL22V10 [PLCC28]            | (48)   |
| Lattice | GAL22V10B                    |        |
| Lattice | GAL22V10B [PLCC28]           | (48)   |
| Lattice | GAL22V10B-Q                  |        |
| Lattice | GAL22V10B-Q [PLCC28]         | (48)   |
| Lattice | GAL22V10C                    |        |
| Lattice | GAL22V10C [PLCC28]           | (48)   |
| Lattice | GAL22V10D                    |        |
| Lattice | GAL22V10D [PLCC28]           | (48)   |
| Lattice | GAL22V10D-Q                  |        |
| Lattice | GAL22V10D-Q [PLCC28]         | (48)   |
| Lattice | GAL26CLV12                   |        |
| Lattice | GAL26CLV12 [PLCC28]          | (48)   |
| Lattice | GAL26CLV12 [SOIC28]          | (51)   |
| Lattice | GAL26CLV12 [TSOP28]          | (172)  |
| Lattice | GAL26CLV12B                  |        |
| Lattice | GAL26CLV12B [PLCC28]         | (48)   |
| Lattice | GAL26CLV12B [SOIC28]         | (51)   |
| Lattice | GAL26CLV12B [TSOP28]         | (172)  |
| Lattice | GAL26CLV12C                  |        |
| Lattice | GAL26CLV12C [PLCC28]         | (48)   |
| Lattice | GAL26CLV12C [SOIC28]         | (51)   |
| Lattice | GAL26CLV12C [TSOP28]         | (172)  |
| Lattice | GAL26CLV12D                  |        |
| Lattice | GAL26CLV12D [PLCC28]         | (48)   |
| Lattice | GAL26CLV12D [SOIC28]         | (51)   |
| Lattice | GAL26CLV12D [TSOP28]         | (172)  |
| Lattice | GAL26CLV12Z                  |        |
| Lattice | GAL26CLV12Z [PLCC28]         | (48)   |
| Lattice | GAL26CLV12Z [SOIC28]         | (51)   |
| Lattice | GAL26CLV12Z [TSOP28]         | (172)  |
| Lattice | GAL26CLV12ZD                 |        |
| Lattice | GAL26CLV12ZD [PLCC28]        | (48)   |
| Lattice | GAL26CLV12ZD [SOIC28]        | (51)   |
| Lattice | GAL26CLV12ZD [TSOP28]        | (172)  |
| Lattice | GAL26CV12                    |        |
| Lattice | GAL26CV12 [PLCC28]           | (48)   |
| Lattice | GAL26CV12B                   |        |
| Lattice | GAL26CV12B [PLCC28]          | (48)   |
| Lattice | GAL26CV12C                   |        |
| Lattice | GAL26CV12C [PLCC28]          | (48)   |
| Lattice | GAL26V12C                    |        |
| Lattice | GAL26V12C [PLCC28]           | (48)   |
| Lattice | GAL6001                      |        |
| Lattice | GAL6001 [PLCC28]             | (48)   |
| Lattice | GAL6001B                     |        |
| Lattice | GAL6001B [PLCC28]            | (48)   |
| Lattice | GAL6002B                     |        |
| Lattice | GAL6002B [PLCC28]            | (48)   |
| Lattice | isp1016EA (ISP)              | (138)  |
| Lattice | isp1016EA [TQFP44]           | (94)   |
| Lattice | isp2032E (ISP)               | (138)  |
| Lattice | isp2032E [TQFP44]            | (94)   |
| Lattice | ispGAL22LV10 (ISP)           | (138)  |
| Lattice | ispGAL22LV10 (ISP-SVF)       | (138)  |
| Lattice | ispGAL22LV10 (ISP-VME)       | (138)  |
| Lattice | ispGAL22LV10 [PLCC28]        | (48)   |
| Lattice | ispGAL22LV10 [PLCC28] (SVF)  | (48)   |
| Lattice | ispGAL22LV10 [PLCC28] (VME)  | (48)   |
| Lattice | ispGAL22LV10 [SSOP28]        | (1103) |
| Lattice | ispGAL22LV10 [SSOP28] (SVF)  | (1103) |
| Lattice | ispGAL22LV10 [SSOP28] (VME)  | (1103) |
| Lattice | ispGAL22LV10A (ISP)          | (138)  |
| Lattice | ispGAL22LV10A [PLCC28]       | (48)   |
| Lattice | ispGAL22LV10A [SSOP28]       | (1103) |
| Lattice | ispGAL22LV10B (ISP)          | (138)  |
| Lattice | ispGAL22LV10B [PLCC28]       | (48)   |
| Lattice | ispGAL22LV10B [SSOP28]       | (1103) |
| Lattice | ispGAL22LV10C (ISP)          | (138)  |
| Lattice | ispGAL22LV10C [PLCC28]       | (48)   |
| Lattice | ispGAL22LV10C [SSOP28]       | (1103) |
| Lattice | ispGAL22LV10D (ISP)          | (138)  |
| Lattice | ispGAL22LV10D [PLCC28]       | (48)   |
| Lattice | ispGAL22LV10D [SSOP28]       | (1103) |
| Lattice | ispGAL22V10                  |        |
| Lattice | ispGAL22V10 (ISP)            | (138)  |
| Lattice | ispGAL22V10 [PLCC28]         | (48)   |
| Lattice | ispGAL22V10AB (ISP)          | (138)  |
| Lattice | ispGAL22V10AB (ISP-SVF)      | (138)  |
| Lattice | ispGAL22V10AB (ISP-VME)      | (138)  |
| Lattice | ispGAL22V10AB [PLCC28]       | (48)   |
| Lattice | ispGAL22V10AB [PLCC28] (SVF) | (48)   |
| Lattice | ispGAL22V10AB [PLCC28] (VME) | (48)   |
| Lattice | ispGAL22V10AB [QFN32]        | (221)  |
| Lattice | ispGAL22V10AB [QFN32] (SVF)  | (221)  |
| Lattice | ispGAL22V10AB [QFN32] (VME)  | (221)  |
| Lattice | ispGAL22V10AB [QFNS32]       | (221)  |
| Lattice | ispGAL22V10AC (ISP)          | (138)  |
| Lattice | ispGAL22V10AC (ISP-SVF)      | (138)  |
| Lattice | ispGAL22V10AC (ISP-VME)      | (138)  |
| Lattice | ispGAL22V10AC [PLCC28]       | (48)   |
| Lattice | ispGAL22V10AC [PLCC28] (SVF) | (48)   |
| Lattice | ispGAL22V10AC [PLCC28] (VME) | (48)   |
| Lattice | ispGAL22V10AC [QFN32]        | (221)  |
| Lattice | ispGAL22V10AC [QFN32] (SVF)  | (221)  |
| Lattice | ispGAL22V10AC [QFN32] (VME)  | (221)  |
| Lattice | ispGAL22V10AC [QFNS32]       | (221)  |
| Lattice | ispGAL22V10AV (ISP)          | (138)  |
| Lattice | ispGAL22V10AV (ISP-SVF)      | (138)  |
| Lattice | ispGAL22V10AV (ISP-VME)      | (138)  |
| Lattice | ispGAL22V10AV [PLCC28]       | (48)   |
| Lattice | ispGAL22V10AV [PLCC28] (SVF) | (48)   |
| Lattice | ispGAL22V10AV [PLCC28] (VME) | (48)   |
| Lattice | ispGAL22V10AV [QFN32]        | (221)  |
| Lattice | ispGAL22V10AV [QFN32] (SVF)  | (221)  |
| Lattice | ispGAL22V10AV [QFN32] (VME)  | (221)  |
| Lattice | ispGAL22V10AV [QFNS32]       | (221)  |
| Lattice | ispGAL22V10AZC (ISP)         | (138)  |
| Lattice | ispGAL22V10AZC [PLCC28]      | (48)   |
| Lattice | ispGAL22V10AZC [QFN32]       | (221)  |
| Lattice | ispGAL22V10AZC [QFNS32]      | (221)  |
| Lattice | ispGAL22V10B                 |        |
| Lattice | ispGAL22V10B (ISP)           | (138)  |
| Lattice | ispGAL22V10B [PLCC28]        | (48)   |
| Lattice | ispGAL22V10C                 |        |
| Lattice | ispGAL22V10C (ISP)           | (138)  |
| Lattice | ispGAL22V10C [PLCC28]        | (48)   |
| Lattice | ispGAL22V10C [SSOP28]        | (1103) |
| Lattice | ispGDX120A (ISP)             | (138)  |
| Lattice | ispGDX120A (ISP-SVF)         | (138)  |

|         |             |                    |        |
|---------|-------------|--------------------|--------|
| Lattice | ispGDx120A  | (ISP-VME)          | (138)  |
| Lattice | ispGDx120A  | [TQFP176]          | (453)  |
| Lattice | ispGDx120A  | [TQFP176] (SVF)    | (453)  |
| Lattice | ispGDx120A  | [TQFP176] (VME)    | (453)  |
| Lattice | ispGDx160   | (ISP)              | (138)  |
| Lattice | ispGDx160   | [MQAD208]          | (454)  |
| Lattice | ispGDx160A  | (ISP-SVF)          | (138)  |
| Lattice | ispGDx160A  | (ISP-VME)          | (138)  |
| Lattice | ispGDx160A  | [PQFP208] (SVF)    | (454)  |
| Lattice | ispGDx160A  | [PQFP208] (VME)    | (454)  |
| Lattice | ispGDx160V  | (ISP)              | (138)  |
| Lattice | ispGDx160V  | (ISP-SVF)          | (138)  |
| Lattice | ispGDx160V  | (ISP-VME)          | (138)  |
| Lattice | ispGDx160V  | [PQFP208]          | (454)  |
| Lattice | ispGDx160V  | [PQFP208] (SVF)    | (454)  |
| Lattice | ispGDx160V  | [PQFP208] (VME)    | (454)  |
| Lattice | ispGDx160VA | (ISP)              | (138)  |
| Lattice | ispGDx160VA | (ISP-SVF)          | (138)  |
| Lattice | ispGDx160VA | (ISP-VME)          | (138)  |
| Lattice | ispGDx160VA | [PQFP208]          | (454)  |
| Lattice | ispGDx160VA | [PQFP208] (SVF)    | (454)  |
| Lattice | ispGDx160VA | [PQFP208] (VME)    | (454)  |
| Lattice | ispGDx240VA | (ISP)              | (138)  |
| Lattice | ispGDx240VA | (ISP-SVF)          | (138)  |
| Lattice | ispGDx240VA | (ISP-VME)          | (138)  |
| Lattice | ispGDx80A   | (ISP)              | (138)  |
| Lattice | ispGDx80A   | (ISP-SVF)          | (138)  |
| Lattice | ispGDx80A   | (ISP-VME)          | (138)  |
| Lattice | ispGDx80VA  | (ISP)              | (138)  |
| Lattice | ispGDx80VA  | (ISP-SVF)          | (138)  |
| Lattice | ispGDx80VA  | (ISP-VME)          | (138)  |
| Lattice | splSI1016   | (ISP)              | (138)  |
| Lattice | splSI1016   | [JLCC44]           | (67)   |
| Lattice | splSI1016   | [PLCC44]           | (67)   |
| Lattice | splSI1016   | [TQFP44]           | (94)   |
| Lattice | splSI1016E  | (ISP)              | (138)  |
| Lattice | splSI1016E  | [PLCC44]           | (67)   |
| Lattice | splSI1016E  | [TQFP44]           | (94)   |
| Lattice | splSI1016EA | (ISP)              | (138)  |
| Lattice | splSI1016EA | (ISP-SVF)          | (138)  |
| Lattice | splSI1016EA | (ISP-VME)          | (138)  |
| Lattice | splSI1016EA | [PLCC44]           | (67)   |
| Lattice | splSI1016EA | [PLCC44] (SVF)     | (67)   |
| Lattice | splSI1016EA | [PLCC44] (VME)     | (67)   |
| Lattice | splSI1016EA | [TQFP44]           | (94)   |
| Lattice | splSI1016EA | [TQFP44] (SVF)     | (94)   |
| Lattice | splSI1016EA | [TQFP44] (VME)     | (94)   |
| Lattice | splSI1024   | (ISP)              | (138)  |
| Lattice | splSI1024   | [PLCC68]           | (785)  |
| Lattice | splSI1024   | [TQFP100]          | (480)  |
| Lattice | splSI1024E  | (ISP)              | (138)  |
| Lattice | splSI1024E  | [PLCC68]           | (785)  |
| Lattice | splSI1024EA | (ISP)              | (138)  |
| Lattice | splSI1024EA | (ISP-SVF)          | (138)  |
| Lattice | splSI1024EA | (ISP-VME)          | (138)  |
| Lattice | splSI1024EA | [TQFP100]          | (480)  |
| Lattice | splSI1024EA | [TQFP100] (SVF)    | (480)  |
| Lattice | splSI1024EA | [TQFP100] (VME)    | (480)  |
| Lattice | splSI1032   | (ISP)              | (138)  |
| Lattice | splSI1032   | [PGA84]            | (709)  |
| Lattice | splSI1032   | [PLCC84]           | (4667) |
| Lattice | splSI1032   | [TQFP100]          | (203)  |
| Lattice | splSI1032   | [TQFP100] (ADP ET) | (457)  |
| Lattice | splSI1032E  | (ISP)              | (138)  |
| Lattice | splSI1032E  | [PGA84]            | (709)  |
| Lattice | splSI1032E  | [PLCC84]           | (4667) |
| Lattice | splSI1032E  | [TQFP100]          | (203)  |
| Lattice | splSI1032EA | (ISP)              | (138)  |
| Lattice | splSI1032EA | (ISP-SVF)          | (138)  |
| Lattice | splSI1032EA | (ISP-VME)          | (138)  |
| Lattice | splSI1032EA | [TQFP100]          | (203)  |
| Lattice | splSI1032EA | [TQFP100] (SVF)    | (203)  |
| Lattice | splSI1032EA | [TQFP100] (VME)    | (203)  |
| Lattice | splSI1048   | (ISP)              | (138)  |
| Lattice | splSI1048C  | (ISP)              | (138)  |
| Lattice | splSI1048E  | (ISP)              | (138)  |
| Lattice | splSI1048EA | (ISP)              | (138)  |
| Lattice | splSI1048EA | (ISP-SVF)          | (138)  |
| Lattice | splSI1048EA | (ISP-VME)          | (138)  |
| Lattice | splSI1048EA | [PQFP128]          | (448)  |
| Lattice | splSI1048EA | [PQFP128] (SVF)    | (448)  |
| Lattice | splSI1048EA | [PQFP128] (VME)    | (448)  |
| Lattice | splSI1048EA | [TQFP128]          | (473)  |
| Lattice | splSI1048EA | [TQFP128] (SVF)    | (473)  |
| Lattice | splSI1048EA | [TQFP128] (VME)    | (473)  |
| Lattice | splSI2032   | (ISP)              | (138)  |
| Lattice | splSI2032   | [PLCC44]           | (67)   |
| Lattice | splSI2032   | [TQFP44]           | (94)   |
| Lattice | splSI2032   | [TQFP48]           | (174)  |
| Lattice | splSI2032A  | (ISP)              | (138)  |
| Lattice | splSI2032A  | [PLCC44]           | (67)   |
| Lattice | splSI2032A  | [TQFP44]           | (94)   |
| Lattice | splSI2032A  | [TQFP48]           | (174)  |
| Lattice | splSI2032E  | (ISP)              | (138)  |
| Lattice | splSI2032E  | (ISP-SVF)          | (138)  |
| Lattice | splSI2032E  | (ISP-VME)          | (138)  |
| Lattice | splSI2032E  | [PLCC44]           | (67)   |
| Lattice | splSI2032E  | [PLCC44] (SVF)     | (67)   |
| Lattice | splSI2032E  | [PLCC44] (VME)     | (67)   |
| Lattice | splSI2032E  | [TQFP44]           | (94)   |
| Lattice | splSI2032E  | [TQFP44] (SVF)     | (94)   |
| Lattice | splSI2032E  | [TQFP44] (VME)     | (94)   |
| Lattice | splSI2032E  | [TQFP48]           | (174)  |
| Lattice | splSI2032E  | [TQFP48] (SVF)     | (174)  |
| Lattice | splSI2032E  | [TQFP48] (VME)     | (174)  |
| Lattice | splSI2032V  | (ISP)              | (138)  |
| Lattice | splSI2032V  | (ISP-SVF)          | (138)  |
| Lattice | splSI2032V  | (ISP-VME)          | (138)  |
| Lattice | splSI2032V  | [PLCC44]           | (67)   |
| Lattice | splSI2032V  | [PLCC44] (SVF)     | (67)   |
| Lattice | splSI2032V  | [PLCC44] (VME)     | (67)   |
| Lattice | splSI2032V  | [TQFP44]           | (94)   |
| Lattice | splSI2032V  | [TQFP44] (SVF)     | (94)   |
| Lattice | splSI2032V  | [TQFP44] (VME)     | (94)   |
| Lattice | splSI2032V  | [TQFP48]           | (174)  |
| Lattice | splSI2032VE | (ISP)              | (138)  |
| Lattice | splSI2032VE | (ISP-SVF)          | (138)  |
| Lattice | splSI2032VE | (ISP-VME)          | (138)  |
| Lattice | splSI2032VE | [CaBGA49]          | (746)  |
| Lattice | splSI2032VE | [CaBGA49] (SVF)    | (746)  |
| Lattice | splSI2032VE | [CaBGA49] (VME)    | (746)  |
| Lattice | splSI2032VE | [PLCC44]           | (67)   |
| Lattice | splSI2032VE | [PLCC44] (SVF)     | (67)   |
| Lattice | splSI2032VE | [PLCC44] (VME)     | (67)   |
| Lattice | splSI2032VE | [TQFP44]           | (94)   |
| Lattice | splSI2032VE | [TQFP44] (SVF)     | (94)   |
| Lattice | splSI2032VE | [TQFP44] (VME)     | (94)   |
| Lattice | splSI2032VE | [TQFP48]           | (174)  |

|         |              |                    |        |
|---------|--------------|--------------------|--------|
| Lattice | 1splSI2032VE | [TQFP48] (SVF)     | (174)  |
| Lattice | 1splSI2032VE | [TQFP48] (VME)     | (174)  |
| Lattice | 1splSI2032VL | (ISP-SVF)          | (138)  |
| Lattice | 1splSI2032VL | (ISP-VME)          | (138)  |
| Lattice | 1splSI2032VL | [caBGA49] (SVF)    | (746)  |
| Lattice | 1splSI2032VL | [caBGA49] (VME)    | (746)  |
| Lattice | 1splSI2032VL | [PLCC44] (SVF)     | (67)   |
| Lattice | 1splSI2032VL | [PLCC44] (VME)     | (67)   |
| Lattice | 1splSI2032VL | [TQFP44] (SVF)     | (94)   |
| Lattice | 1splSI2032VL | [TQFP44] (VME)     | (94)   |
| Lattice | 1splSI2032VL | [TQFP48] (SVF)     | (174)  |
| Lattice | 1splSI2032VL | [TQFP48] (VME)     | (174)  |
| Lattice | 1splSI2064   | (ISP)              | (138)  |
| Lattice | 1splSI2064   | [PGA84]            | (709)  |
| Lattice | 1splSI2064   | [PLCC84]           | (4667) |
| Lattice | 1splSI2064   | [TQFP100]          | (203)  |
| Lattice | 1splSI2064A  | [PLCC44]           | (67)   |
| Lattice | 1splSI2064A  | [PLCC44] (ISP)     | (138)  |
| Lattice | 1splSI2064A  | [PLCC84]           | (4667) |
| Lattice | 1splSI2064A  | [PLCC84] (ISP)     | (138)  |
| Lattice | 1splSI2064A  | [TQFP100]          | (203)  |
| Lattice | 1splSI2064A  | [TQFP100] (ISP)    | (138)  |
| Lattice | 1splSI2064A  | [TQFP44]           | (94)   |
| Lattice | 1splSI2064A  | [TQFP44] (ISP)     | (138)  |
| Lattice | 1splSI2064E  | (ISP)              | (138)  |
| Lattice | 1splSI2064E  | (ISP-SVF)          | (138)  |
| Lattice | 1splSI2064E  | (ISP-VME)          | (138)  |
| Lattice | 1splSI2064E  | [TQFP100]          | (203)  |
| Lattice | 1splSI2064E  | [TQFP100] (ADP ET) | (457)  |
| Lattice | 1splSI2064E  | [TQFP100] (SVF)    | (203)  |
| Lattice | 1splSI2064E  | [TQFP100] (VME)    | (203)  |
| Lattice | 1splSI2064V  | (ISP-SVF)          | (138)  |
| Lattice | 1splSI2064V  | (ISP-VME)          | (138)  |
| Lattice | 1splSI2064V  | [PLCC44]           | (67)   |
| Lattice | 1splSI2064V  | [PLCC44] (ISP)     | (138)  |
| Lattice | 1splSI2064V  | [PLCC44] (SVF)     | (67)   |
| Lattice | 1splSI2064V  | [PLCC44] (VME)     | (67)   |
| Lattice | 1splSI2064V  | [PLCC84]           | (446)  |
| Lattice | 1splSI2064V  | [PLCC84] (ISP)     | (138)  |
| Lattice | 1splSI2064V  | [PLCC84] (SVF)     | (446)  |
| Lattice | 1splSI2064V  | [PLCC84] (VME)     | (446)  |
| Lattice | 1splSI2064V  | [TQFP100]          | (447)  |
| Lattice | 1splSI2064V  | [TQFP100] (ISP)    | (138)  |
| Lattice | 1splSI2064V  | [TQFP100] (SVF)    | (447)  |
| Lattice | 1splSI2064V  | [TQFP100] (VME)    | (447)  |
| Lattice | 1splSI2064V  | [TQFP44]           | (94)   |
| Lattice | 1splSI2064V  | [TQFP44] (ISP)     | (138)  |
| Lattice | 1splSI2064V  | [TQFP44] (SVF)     | (94)   |
| Lattice | 1splSI2064V  | [TQFP44] (VME)     | (94)   |
| Lattice | 1splSI2064VE | (ISP-SVF)          | (138)  |
| Lattice | 1splSI2064VE | (ISP-VME)          | (138)  |
| Lattice | 1splSI2064VE | [caBGA100]         | (1493) |
| Lattice | 1splSI2064VE | [CBGA100] (ISP)    | (138)  |
| Lattice | 1splSI2064VE | [PLCC44]           | (67)   |
| Lattice | 1splSI2064VE | [PLCC44] (ISP)     | (138)  |
| Lattice | 1splSI2064VE | [PLCC44] (SVF)     | (67)   |
| Lattice | 1splSI2064VE | [PLCC44] (VME)     | (67)   |
| Lattice | 1splSI2064VE | [PLCC84]           | (446)  |
| Lattice | 1splSI2064VE | [PLCC84] (ISP)     | (138)  |
| Lattice | 1splSI2064VE | [TQFP100]          | (447)  |
| Lattice | 1splSI2064VE | [TQFP100] (ISP)    | (138)  |
| Lattice | 1splSI2064VE | [TQFP100] (SVF)    | (447)  |
| Lattice | 1splSI2064VE | [TQFP100] (VME)    | (447)  |
| Lattice | 1splSI2064VE | [TQFP44]           | (94)   |
| Lattice | 1splSI2064VE | [TQFP44] (ISP)     | (138)  |
| Lattice | 1splSI2064VE | [TQFP44] (SVF)     | (94)   |
| Lattice | 1splSI2064VE | [TQFP44] (VME)     | (94)   |
| Lattice | 1splSI2064VL | (ISP-SVF)          | (138)  |
| Lattice | 1splSI2064VL | (ISP-VME)          | (138)  |
| Lattice | 1splSI2064VL | [PLCC44] (SVF)     | (67)   |
| Lattice | 1splSI2064VL | [PLCC44] (VME)     | (67)   |
| Lattice | 1splSI2064VL | [TQFP100] (SVF)    | (447)  |
| Lattice | 1splSI2064VL | [TQFP100] (VME)    | (447)  |
| Lattice | 1splSI2064VL | [TQFP44] (SVF)     | (94)   |
| Lattice | 1splSI2064VL | [TQFP44] (VME)     | (94)   |
| Lattice | 1splSI2096   | (ISP)              | (138)  |
| Lattice | 1splSI2096A  | (ISP)              | (138)  |
| Lattice | 1splSI2096E  | (ISP)              | (138)  |
| Lattice | 1splSI2096E  | (ISP-SVF)          | (138)  |
| Lattice | 1splSI2096E  | (ISP-VME)          | (138)  |
| Lattice | 1splSI2096E  | [PQFP128]          | (448)  |
| Lattice | 1splSI2096E  | [PQFP128] (SVF)    | (448)  |
| Lattice | 1splSI2096E  | [PQFP128] (VME)    | (448)  |
| Lattice | 1splSI2096E  | [TQFP128]          | (473)  |
| Lattice | 1splSI2096E  | [TQFP128] (SVF)    | (473)  |
| Lattice | 1splSI2096E  | [TQFP128] (VME)    | (473)  |
| Lattice | 1splSI2096V  | (ISP)              | (138)  |
| Lattice | 1splSI2096V  | (ISP-SVF)          | (138)  |
| Lattice | 1splSI2096V  | (ISP-VME)          | (138)  |
| Lattice | 1splSI2096V  | [PQFP128]          | (449)  |
| Lattice | 1splSI2096V  | [PQFP128] (SVF)    | (449)  |
| Lattice | 1splSI2096V  | [PQFP128] (VME)    | (449)  |
| Lattice | 1splSI2096V  | [TQFP128]          | (450)  |
| Lattice | 1splSI2096V  | [TQFP128] (SVF)    | (450)  |
| Lattice | 1splSI2096V  | [TQFP128] (VME)    | (450)  |
| Lattice | 1splSI2096VE | (ISP)              | (138)  |
| Lattice | 1splSI2096VE | (ISP-SVF)          | (138)  |
| Lattice | 1splSI2096VE | (ISP-VME)          | (138)  |
| Lattice | 1splSI2096VE | [PQFP128]          | (449)  |
| Lattice | 1splSI2096VE | [TQFP128]          | (450)  |
| Lattice | 1splSI2096VE | [TQFP128] (SVF)    | (450)  |
| Lattice | 1splSI2096VE | [TQFP128] (VME)    | (450)  |
| Lattice | 1splSI2096VL | (ISP-SVF)          | (138)  |
| Lattice | 1splSI2096VL | (ISP-VME)          | (138)  |
| Lattice | 1splSI2096VL | [TQFP128] (SVF)    | (450)  |
| Lattice | 1splSI2096VL | [TQFP128] (VME)    | (450)  |
| Lattice | 1splSI2128   | (ISP)              | (138)  |
| Lattice | 1splSI2128   | [TQFP176]          | (474)  |
| Lattice | 1splSI2128A  | [PGA167] (ISP)     | (138)  |
| Lattice | 1splSI2128A  | [PLCC84] (ISP)     | (138)  |
| Lattice | 1splSI2128A  | [PQFP100] (ISP)    | (138)  |
| Lattice | 1splSI2128A  | [TQFP100] (ISP)    | (138)  |
| Lattice | 1splSI2128A  | [TQFP176]          | (474)  |
| Lattice | 1splSI2128A  | [TQFP176] (ISP)    | (138)  |
| Lattice | 1splSI2128E  | (ISP)              | (138)  |
| Lattice | 1splSI2128E  | (ISP-SVF)          | (138)  |
| Lattice | 1splSI2128E  | (ISP-VME)          | (138)  |
| Lattice | 1splSI2128E  | [TQFP176]          | (474)  |
| Lattice | 1splSI2128E  | [TQFP176] (SVF)    | (474)  |
| Lattice | 1splSI2128E  | [TQFP176] (VME)    | (474)  |
| Lattice | 1splSI2128V  | (ISP-SVF)          | (138)  |
| Lattice | 1splSI2128V  | (ISP-VME)          | (138)  |
| Lattice | 1splSI2128V  | [PLCC84]           | (446)  |
| Lattice | 1splSI2128V  | [PLCC84] (ISP)     | (138)  |
| Lattice | 1splSI2128V  | [PLCC84] (SVF)     | (446)  |
| Lattice | 1splSI2128V  | [PLCC84] (VME)     | (446)  |
| Lattice | 1splSI2128V  | [PQFP160]          | (451)  |
| Lattice | 1splSI2128V  | [PQFP160] (ISP)    | (138)  |

|         |              |                  |        |
|---------|--------------|------------------|--------|
| Lattice | ispLSI2128V  | [PQFP160] (SVF)  | (451)  |
| Lattice | ispLSI2128V  | [PQFP160] (VME)  | (451)  |
| Lattice | ispLSI2128V  | [TQFP100]        | (447)  |
| Lattice | ispLSI2128V  | [TQFP100] (ISP)  | (138)  |
| Lattice | ispLSI2128V  | [TQFP100] (SVF)  | (447)  |
| Lattice | ispLSI2128V  | [TQFP100] (VME)  | (447)  |
| Lattice | ispLSI2128V  | [TQFP176]        | (452)  |
| Lattice | ispLSI2128V  | [TQFP176] (ISP)  | (138)  |
| Lattice | ispLSI2128V  | [TQFP176] (SVF)  | (452)  |
| Lattice | ispLSI2128V  | [TQFP176] (VME)  | (452)  |
| Lattice | ispLSI2128VE | (ISP-SVF)        | (138)  |
| Lattice | ispLSI2128VE | (ISP-VME)        | (138)  |
| Lattice | ispLSI2128VE | [caBGA100]       | (1493) |
| Lattice | ispLSI2128VE | [CBGA100] (ISP)  | (138)  |
| Lattice | ispLSI2128VE | [FPBGA208] (ISP) | (138)  |
| Lattice | ispLSI2128VE | [PLCC84]         | (446)  |
| Lattice | ispLSI2128VE | [PLCC84] (ISP)   | (138)  |
| Lattice | ispLSI2128VE | [PQFP160]        | (451)  |
| Lattice | ispLSI2128VE | [PQFP160] (ISP)  | (138)  |
| Lattice | ispLSI2128VE | [PQFP160] (SVF)  | (451)  |
| Lattice | ispLSI2128VE | [PQFP160] (VME)  | (451)  |
| Lattice | ispLSI2128VE | [TQFP100]        | (447)  |
| Lattice | ispLSI2128VE | [TQFP100] (ISP)  | (138)  |
| Lattice | ispLSI2128VE | [TQFP100] (SVF)  | (447)  |
| Lattice | ispLSI2128VE | [TQFP100] (VME)  | (447)  |
| Lattice | ispLSI2128VE | [TQFP176]        | (452)  |
| Lattice | ispLSI2128VE | [TQFP176] (ISP)  | (138)  |
| Lattice | ispLSI2128VE | [TQFP176] (SVF)  | (452)  |
| Lattice | ispLSI2128VE | [TQFP176] (VME)  | (452)  |
| Lattice | ispLSI2128VL | (ISP-SVF)        | (138)  |
| Lattice | ispLSI2128VL | (ISP-VME)        | (138)  |
| Lattice | ispLSI2128VL | [PQFP160] (SVF)  | (451)  |
| Lattice | ispLSI2128VL | [PQFP160] (VME)  | (451)  |
| Lattice | ispLSI2128VL | [TQFP100] (SVF)  | (447)  |
| Lattice | ispLSI2128VL | [TQFP100] (VME)  | (447)  |
| Lattice | ispLSI2128VL | [TQFP176] (SVF)  | (452)  |
| Lattice | ispLSI2128VL | [TQFP176] (VME)  | (452)  |
| Lattice | ispLSI2192VE | (ISP)            | (138)  |
| Lattice | ispLSI2192VE | (ISP-SVF)        | (138)  |
| Lattice | ispLSI2192VE | (ISP-VME)        | (138)  |
| Lattice | ispLSI2192VE | [TQFP128]        | (450)  |
| Lattice | ispLSI2192VE | [TQFP128] (SVF)  | (450)  |
| Lattice | ispLSI2192VE | [TQFP128] (VME)  | (450)  |
| Lattice | ispLSI2192VL | (ISP-SVF)        | (138)  |
| Lattice | ispLSI2192VL | (ISP-VME)        | (138)  |
| Lattice | ispLSI2192VL | [TQFP128] (SVF)  | (450)  |
| Lattice | ispLSI2192VL | [TQFP128] (VME)  | (450)  |
| Lattice | ispLSI3160   | (ISP)            | (138)  |
| Lattice | ispLSI3160   | (ISP-SVF)        | (138)  |
| Lattice | ispLSI3160   | (ISP-VME)        | (138)  |
| Lattice | ispLSI3160   | [PQFP208]        | (475)  |
| Lattice | ispLSI3160   | [PQFP208] (SVF)  | (475)  |
| Lattice | ispLSI3160   | [PQFP208] (VME)  | (475)  |
| Lattice | ispLSI3192   | (ISP)            | (138)  |
| Lattice | ispLSI3192   | (ISP-SVF)        | (138)  |
| Lattice | ispLSI3192   | (ISP-VME)        | (138)  |
| Lattice | ispLSI3192   | [PQFP240]        | (476)  |
| Lattice | ispLSI3192   | [PQFP240] (SVF)  | (476)  |
| Lattice | ispLSI3192   | [PQFP240] (VME)  | (476)  |
| Lattice | ispLSI3256   | (ISP)            | (138)  |
| Lattice | ispLSI3256   | (ISP-SVF)        | (138)  |
| Lattice | ispLSI3256   | (ISP-VME)        | (138)  |
| Lattice | ispLSI3256   | [MQFP160]        | (477)  |
| Lattice | ispLSI3256   | [MQFP160] (SVF)  | (477)  |
| Lattice | ispLSI3256   | [MQFP160] (VME)  | (477)  |
| Lattice | ispLSI3256A  | (ISP)            | (138)  |
| Lattice | ispLSI3256A  | (ISP-SVF)        | (138)  |
| Lattice | ispLSI3256A  | (ISP-VME)        | (138)  |
| Lattice | ispLSI3256A  | [MQFP160]        | (477)  |
| Lattice | ispLSI3256A  | [MQFP160] (SVF)  | (477)  |
| Lattice | ispLSI3256A  | [MQFP160] (VME)  | (477)  |
| Lattice | ispLSI3256A  | [PQFP160]        | (477)  |
| Lattice | ispLSI3256A  | [PQFP160] (SVF)  | (477)  |
| Lattice | ispLSI3256A  | [PQFP160] (VME)  | (477)  |
| Lattice | ispLSI3256E  | (ISP)            | (138)  |
| Lattice | ispLSI3256E  | (ISP-SVF)        | (138)  |
| Lattice | ispLSI3256E  | (ISP-VME)        | (138)  |
| Lattice | ispLSI3256E  | [PQFP304]        | (478)  |
| Lattice | ispLSI3256E  | [PQFP304] (SVF)  | (478)  |
| Lattice | ispLSI3256E  | [PQFP304] (VME)  | (478)  |
| Lattice | ispLSI3320   | (ISP)            | (138)  |
| Lattice | ispLSI3320   | (ISP-SVF)        | (138)  |
| Lattice | ispLSI3320   | (ISP-VME)        | (138)  |
| Lattice | ispLSI3320   | [PQFP208]        | (475)  |
| Lattice | ispLSI3320   | [PQFP208] (SVF)  | (475)  |
| Lattice | ispLSI3320   | [PQFP208] (VME)  | (475)  |
| Lattice | ispLSI3448   | (ISP)            | (138)  |
| Lattice | ispLSI3448   | (ISP-SVF)        | (138)  |
| Lattice | ispLSI3448   | (ISP-VME)        | (138)  |
| Lattice | ispLSI5128VE | (ISP)            | (138)  |
| Lattice | ispLSI5128VE | (ISP-SVF)        | (138)  |
| Lattice | ispLSI5128VE | (ISP-VME)        | (138)  |
| Lattice | ispLSI5128VE | [TQFP128]        | (740)  |
| Lattice | ispLSI5128VE | [TQFP128] (SVF)  | (740)  |
| Lattice | ispLSI5128VE | [TQFP128] (VME)  | (740)  |
| Lattice | ispLSI5256V  | (ISP)            | (138)  |
| Lattice | ispLSI5256V  | [PQFP208]        | (1147) |
| Lattice | ispLSI5256VA | (ISP)            | (138)  |
| Lattice | ispLSI5256VA | (ISP-SVF)        | (138)  |
| Lattice | ispLSI5256VA | (ISP-VME)        | (138)  |
| Lattice | ispLSI5256VA | [PQFP208]        | (1147) |
| Lattice | ispLSI5256VE | (ISP)            | (138)  |
| Lattice | ispLSI5256VE | (ISP-SVF)        | (138)  |
| Lattice | ispLSI5256VE | (ISP-VME)        | (138)  |
| Lattice | ispLSI5256VE | [fpBGA256]       | (1015) |
| Lattice | ispLSI5256VE | [fpBGA256] (SVF) | (1015) |
| Lattice | ispLSI5256VE | [fpBGA256] (VME) | (1015) |
| Lattice | ispLSI5256VE | [TQFP100]        | (3184) |
| Lattice | ispLSI5256VE | [TQFP100] (SVF)  | (3184) |
| Lattice | ispLSI5256VE | [TQFP100] (VME)  | (3184) |
| Lattice | ispLSI5256VE | [TQFP128]        | (740)  |
| Lattice | ispLSI5256VE | [TQFP128] (SVF)  | (740)  |
| Lattice | ispLSI5256VE | [TQFP128] (VME)  | (740)  |
| Lattice | ispLSI5384V  | (ISP)            | (138)  |
| Lattice | ispLSI5384V  | [PQFP208]        | (1147) |
| Lattice | ispLSI5384VA | (ISP)            | (138)  |
| Lattice | ispLSI5384VA | (ISP-SVF)        | (138)  |
| Lattice | ispLSI5384VA | (ISP-VME)        | (138)  |
| Lattice | ispLSI5384VA | [PQFP208]        | (1147) |
| Lattice | ispLSI5384VE | (ISP)            | (138)  |
| Lattice | ispLSI5384VE | (ISP-SVF)        | (138)  |
| Lattice | ispLSI5384VE | (ISP-VME)        | (138)  |
| Lattice | ispLSI5384VE | [fpBGA256]       | (1015) |
| Lattice | ispLSI5384VE | [fpBGA256] (SVF) | (1015) |
| Lattice | ispLSI5384VE | [fpBGA256] (VME) | (1015) |
| Lattice | ispLSI5512V  | (ISP)            | (138)  |
| Lattice | ispLSI5512VA | (ISP)            | (138)  |
| Lattice | ispLSI5512VA | (ISP-SVF)        | (138)  |

|         |                                    |        |
|---------|------------------------------------|--------|
| Lattice | ispLSI5512VA (ISP-VME)             | (138)  |
| Lattice | ispLSI5512VA [PQFP208]             | (1147) |
| Lattice | ispLSI5512VE (ISP)                 | (138)  |
| Lattice | ispLSI5512VE (ISP-SVF)             | (138)  |
| Lattice | ispLSI5512VE (ISP-VME)             | (138)  |
| Lattice | ispLSI5512VE [fpBGA256]            | (1015) |
| Lattice | ispLSI5512VE [fpBGA256] (SVF)      | (1015) |
| Lattice | ispLSI5512VE [fpBGA256] (VME)      | (1015) |
| Lattice | ispLSI6192DP (ISP)                 | (138)  |
| Lattice | ispLSI6192FF (ISP)                 | (138)  |
| Lattice | ispLSI6192SP (ISP)                 | (138)  |
| Lattice | ispLSI81080V (ISP)                 | (138)  |
| Lattice | ispLSI81080V (ISP-SVF)             | (138)  |
| Lattice | ispLSI81080V (ISP-VME)             | (138)  |
| Lattice | ispLSI8600V (ISP)                  | (138)  |
| Lattice | ispLSI8600V (ISP-SVF)              | (138)  |
| Lattice | ispLSI8600V (ISP-VME)              | (138)  |
| Lattice | ispLSI8840 (ISP)                   | (138)  |
| Lattice | ispLSI8840 (ISP-SVF)               | (138)  |
| Lattice | ispLSI8840 (ISP-VME)               | (138)  |
| Lattice | ispLSI8840V (ISP)                  | (138)  |
| Lattice | ispLSI8840V (ISP-SVF)              | (138)  |
| Lattice | ispLSI8840V (ISP-VME)              | (138)  |
| Lattice | ispPAC10                           |        |
| Lattice | ispPAC10 (ISP)                     | (138)  |
| Lattice | ispPAC10 (ISP-SVF)                 | (138)  |
| Lattice | ispPAC10 (ISP-VME)                 | (138)  |
| Lattice | ispPAC10 (SVF)                     |        |
| Lattice | ispPAC10 (VME)                     |        |
| Lattice | ispPAC10 [SOIC28]                  | (51)   |
| Lattice | ispPAC10 [SOIC28] (SVF)            | (51)   |
| Lattice | ispPAC10 [SOIC28] (VME)            | (51)   |
| Lattice | ispPAC20 (ISP)                     | (138)  |
| Lattice | ispPAC20 (ISP-SVF)                 | (138)  |
| Lattice | ispPAC20 (ISP-VME)                 | (138)  |
| Lattice | ispPAC20 [PLCC44]                  | (67)   |
| Lattice | ispPAC20 [PLCC44] (SVF)            | (67)   |
| Lattice | ispPAC20 [PLCC44] (VME)            | (67)   |
| Lattice | ispPAC20 [TQFP44]                  | (94)   |
| Lattice | ispPAC20 [TQFP44] (SVF)            | (94)   |
| Lattice | ispPAC20 [TQFP44] (VME)            | (94)   |
| Lattice | ispPAC30                           |        |
| Lattice | ispPAC30 (ISP)                     | (138)  |
| Lattice | ispPAC30 (ISP-SVF)                 | (138)  |
| Lattice | ispPAC30 (ISP-VME)                 | (138)  |
| Lattice | ispPAC30 (SVF)                     |        |
| Lattice | ispPAC30 (VME)                     |        |
| Lattice | ispPAC30 [SOIC24]                  | (1062) |
| Lattice | ispPAC30 [SOIC24] (SVF)            | (1062) |
| Lattice | ispPAC30 [SOIC24] (VME)            | (1062) |
| Lattice | ispPAC80                           |        |
| Lattice | ispPAC80 (ISP)                     | (138)  |
| Lattice | ispPAC80 (ISP-SVF)                 | (138)  |
| Lattice | ispPAC80 (ISP-VME)                 | (138)  |
| Lattice | ispPAC80 (SVF)                     |        |
| Lattice | ispPAC80 (VME)                     |        |
| Lattice | ispPAC80 [SOIC16]                  | (1060) |
| Lattice | ispPAC80 [SOIC16] (SVF)            | (1060) |
| Lattice | ispPAC80 [SOIC16] (VME)            | (1060) |
| Lattice | ispPAC81                           |        |
| Lattice | ispPAC81 (ISP)                     | (138)  |
| Lattice | ispPAC81 (ISP-SVF)                 | (138)  |
| Lattice | ispPAC81 (ISP-VME)                 | (138)  |
| Lattice | ispPAC81 (SVF)                     |        |
| Lattice | ispPAC81 (VME)                     |        |
| Lattice | ispPAC81 [SOIC16]                  | (1060) |
| Lattice | ispPAC81 [SOIC16] (SVF)            | (1060) |
| Lattice | ispPAC81 [SOIC16] (VME)            | (1060) |
| Lattice | ispPAC-CLK5304S-01 (ISP)           | (138)  |
| Lattice | ispPAC-CLK5304S-01 (ISP-SVF)       | (138)  |
| Lattice | ispPAC-CLK5304S-01 (ISP-VME)       | (138)  |
| Lattice | ispPAC-CLK5304S-01 [TQFP48]        | (174)  |
| Lattice | ispPAC-CLK5304S-01 [TQFP48] (SVF)  | (174)  |
| Lattice | ispPAC-CLK5304S-01 [TQFP48] (VME)  | (174)  |
| Lattice | ispPAC-CLK5308S-01 (ISP)           | (138)  |
| Lattice | ispPAC-CLK5308S-01 (ISP-SVF)       | (138)  |
| Lattice | ispPAC-CLK5308S-01 (ISP-VME)       | (138)  |
| Lattice | ispPAC-CLK5308S-01 [TQFP48]        | (174)  |
| Lattice | ispPAC-CLK5308S-01 [TQFP48] (SVF)  | (174)  |
| Lattice | ispPAC-CLK5308S-01 [TQFP48] (VME)  | (174)  |
| Lattice | ispPAC-CLK5312S-01 (ISP)           | (138)  |
| Lattice | ispPAC-CLK5312S-01 (ISP-SVF)       | (138)  |
| Lattice | ispPAC-CLK5312S-01 (ISP-VME)       | (138)  |
| Lattice | ispPAC-CLK5312S-01 [TQFP48]        | (174)  |
| Lattice | ispPAC-CLK5312S-01 [TQFP48] (SVF)  | (174)  |
| Lattice | ispPAC-CLK5312S-01 [TQFP48] (VME)  | (174)  |
| Lattice | ispPAC-CLK5316S-01 (ISP)           | (138)  |
| Lattice | ispPAC-CLK5316S-01 (ISP-SVF)       | (138)  |
| Lattice | ispPAC-CLK5316S-01 (ISP-VME)       | (138)  |
| Lattice | ispPAC-CLK5316S-01 [TQFP64]        | (979)  |
| Lattice | ispPAC-CLK5316S-01 [TQFP64] (SVF)  | (979)  |
| Lattice | ispPAC-CLK5316S-01 [TQFP64] (VME)  | (979)  |
| Lattice | ispPAC-CLK5320S-01 (ISP)           | (138)  |
| Lattice | ispPAC-CLK5320S-01 (ISP-SVF)       | (138)  |
| Lattice | ispPAC-CLK5320S-01 (ISP-VME)       | (138)  |
| Lattice | ispPAC-CLK5320S-01 [TQFP64]        | (979)  |
| Lattice | ispPAC-CLK5320S-01 [TQFP64] (SVF)  | (979)  |
| Lattice | ispPAC-CLK5320S-01 [TQFP64] (VME)  | (979)  |
| Lattice | ispPAC-CLK5406D-01 (ISP)           | (138)  |
| Lattice | ispPAC-CLK5406D-01 (ISP-SVF)       | (138)  |
| Lattice | ispPAC-CLK5406D-01 (ISP-VME)       | (138)  |
| Lattice | ispPAC-CLK5406D-01 [QFNS48]        | (2290) |
| Lattice | ispPAC-CLK5406D-01 [QFNS48] (SVF)  | (2290) |
| Lattice | ispPAC-CLK5406D-01 [QFNS48] (VME)  | (2290) |
| Lattice | ispPAC-CLK5410D-01 (ISP)           | (138)  |
| Lattice | ispPAC-CLK5410D-01 (ISP-SVF)       | (138)  |
| Lattice | ispPAC-CLK5410D-01 (ISP-VME)       | (138)  |
| Lattice | ispPAC-CLK5410D-01 [QFNS64]        | (2291) |
| Lattice | ispPAC-CLK5410D-01 [QFNS64] (SVF)  | (2291) |
| Lattice | ispPAC-CLK5410D-01 [QFNS64] (VME)  | (2291) |
| Lattice | ispPAC-CLK5510V-01 (ISP)           | (138)  |
| Lattice | ispPAC-CLK5510V-01 (ISP-SVF)       | (138)  |
| Lattice | ispPAC-CLK5510V-01 (ISP-VME)       | (138)  |
| Lattice | ispPAC-CLK5510V-01 [TQFP48]        | (174)  |
| Lattice | ispPAC-CLK5510V-01 [TQFP48] (SVF)  | (174)  |
| Lattice | ispPAC-CLK5510V-01 [TQFP48] (VME)  | (174)  |
| Lattice | ispPAC-CLK5520V-01 (ISP)           | (138)  |
| Lattice | ispPAC-CLK5520V-01 (ISP-SVF)       | (138)  |
| Lattice | ispPAC-CLK5520V-01 (ISP-VME)       | (138)  |
| Lattice | ispPAC-CLK5520V-01 [TQFP100]       | (927)  |
| Lattice | ispPAC-CLK5520V-01 [TQFP100] (SVF) | (927)  |
| Lattice | ispPAC-CLK5520V-01 [TQFP100] (VME) | (927)  |
| Lattice | ispPAC-CLK5610AV-01 (ISP)          | (138)  |
| Lattice | ispPAC-CLK5610AV-01 (ISP-SVF)      | (138)  |
| Lattice | ispPAC-CLK5610AV-01 (ISP-VME)      | (138)  |
| Lattice | ispPAC-CLK5610AV-01 [TQFP48]       | (174)  |
| Lattice | ispPAC-CLK5610AV-01 [TQFP48] (SVF) | (174)  |
| Lattice | ispPAC-CLK5610AV-01 [TQFP48] (VME) | (174)  |

|         |                                        |        |
|---------|----------------------------------------|--------|
| Lattice | ispPAC-CLK5610V-01 (ISP)               | (138)  |
| Lattice | ispPAC-CLK5610V-01 (ISP-SVF)           | (138)  |
| Lattice | ispPAC-CLK5610V-01 (ISP-VME)           | (138)  |
| Lattice | ispPAC-CLK5610V-01 [TQFP48]            | (174)  |
| Lattice | ispPAC-CLK5610V-01 [TQFP48] (SVF)      | (174)  |
| Lattice | ispPAC-CLK5610V-01 [TQFP48] (VME)      | (174)  |
| Lattice | ispPAC-CLK5620AV-01 (ISP)              | (138)  |
| Lattice | ispPAC-CLK5620AV-01 (ISP-SVF)          | (138)  |
| Lattice | ispPAC-CLK5620AV-01 (ISP-VME)          | (138)  |
| Lattice | ispPAC-CLK5620AV-01 [TQFP100]          | (927)  |
| Lattice | ispPAC-CLK5620AV-01 [TQFP100] (SVF)    | (927)  |
| Lattice | ispPAC-CLK5620AV-01 [TQFP100] (VME)    | (927)  |
| Lattice | ispPAC-CLK5620V-01 (ISP)               | (138)  |
| Lattice | ispPAC-CLK5620V-01 (ISP-SVF)           | (138)  |
| Lattice | ispPAC-CLK5620V-01 (ISP-VME)           | (138)  |
| Lattice | ispPAC-CLK5620V-01 [TQFP100]           | (927)  |
| Lattice | ispPAC-CLK5620V-01 [TQFP100] (SVF)     | (927)  |
| Lattice | ispPAC-CLK5620V-01 [TQFP100] (VME)     | (927)  |
| Lattice | ispPAC-POWER1014-01 (ISP)              | (138)  |
| Lattice | ispPAC-POWER1014-01 (ISP-SVF)          | (138)  |
| Lattice | ispPAC-POWER1014-01 (ISP-VME)          | (138)  |
| Lattice | ispPAC-POWER1014-01 [TQFP48]           | (981)  |
| Lattice | ispPAC-POWER1014-01 [TQFP48] (SVF)     | (981)  |
| Lattice | ispPAC-POWER1014-01 [TQFP48] (VME)     | (981)  |
| Lattice | ispPAC-POWER1014-02 (ISP)              | (138)  |
| Lattice | ispPAC-POWER1014-02 (ISP-SVF)          | (138)  |
| Lattice | ispPAC-POWER1014-02 (ISP-VME)          | (138)  |
| Lattice | ispPAC-POWER1014-02 [TQFP48]           | (981)  |
| Lattice | ispPAC-POWER1014-02 [TQFP48] (SVF)     | (981)  |
| Lattice | ispPAC-POWER1014-02 [TQFP48] (VME)     | (981)  |
| Lattice | ispPAC-POWER1014A-01 (ISP)             | (138)  |
| Lattice | ispPAC-POWER1014A-01 (ISP-SVF)         | (138)  |
| Lattice | ispPAC-POWER1014A-01 (ISP-VME)         | (138)  |
| Lattice | ispPAC-POWER1014A-01 [TQFP48]          | (981)  |
| Lattice | ispPAC-POWER1014A-01 [TQFP48] (SVF)    | (981)  |
| Lattice | ispPAC-POWER1014A-01 [TQFP48] (VME)    | (981)  |
| Lattice | ispPAC-POWER1014A-02 (ISP)             | (138)  |
| Lattice | ispPAC-POWER1014A-02 (ISP-SVF)         | (138)  |
| Lattice | ispPAC-POWER1014A-02 (ISP-VME)         | (138)  |
| Lattice | ispPAC-POWER1014A-02 [TQFP48]          | (981)  |
| Lattice | ispPAC-POWER1014A-02 [TQFP48] (SVF)    | (981)  |
| Lattice | ispPAC-POWER1014A-02 [TQFP48] (VME)    | (981)  |
| Lattice | ispPAC-POWER1208-01 (ISP)              | (138)  |
| Lattice | ispPAC-POWER1208-01 (ISP-SVF)          | (138)  |
| Lattice | ispPAC-POWER1208-01 (ISP-VME)          | (138)  |
| Lattice | ispPAC-POWER1208-01 [TQFP44]           | (94)   |
| Lattice | ispPAC-POWER1208-01 [TQFP44] (SVF)     | (94)   |
| Lattice | ispPAC-POWER1208-01 [TQFP44] (VME)     | (94)   |
| Lattice | ispPAC-POWER1208P1-01 (ISP)            | (138)  |
| Lattice | ispPAC-POWER1208P1-01 (ISP-SVF)        | (138)  |
| Lattice | ispPAC-POWER1208P1-01 (ISP-VME)        | (138)  |
| Lattice | ispPAC-POWER1208P1-01 [TQFP44]         | (94)   |
| Lattice | ispPAC-POWER1208P1-01 [TQFP44] (SVF)   | (94)   |
| Lattice | ispPAC-POWER1208P1-01 [TQFP44] (VME)   | (94)   |
| Lattice | ispPAC-POWER1220AT8-01 (ISP)           | (138)  |
| Lattice | ispPAC-POWER1220AT8-01 (ISP-SVF)       | (138)  |
| Lattice | ispPAC-POWER1220AT8-01 (ISP-VME)       | (138)  |
| Lattice | ispPAC-POWER1220AT8-01 [TQFP100]       | (980)  |
| Lattice | ispPAC-POWER1220AT8-01 [TQFP100] (SVF) | (980)  |
| Lattice | ispPAC-POWER1220AT8-01 [TQFP100] (VME) | (980)  |
| Lattice | ispPAC-POWER1220AT8-02 (ISP)           | (138)  |
| Lattice | ispPAC-POWER1220AT8-02 (ISP-SVF)       | (138)  |
| Lattice | ispPAC-POWER1220AT8-02 (ISP-VME)       | (138)  |
| Lattice | ispPAC-POWER1220AT8-02 [TQFP100]       | (980)  |
| Lattice | ispPAC-POWER1220AT8-02 [TQFP100] (SVF) | (980)  |
| Lattice | ispPAC-POWER1220AT8-02 [TQFP100] (VME) | (980)  |
| Lattice | ispPAC-POWER604-01 (ISP)               | (138)  |
| Lattice | ispPAC-POWER604-01 (ISP-SVF)           | (138)  |
| Lattice | ispPAC-POWER604-01 (ISP-VME)           | (138)  |
| Lattice | ispPAC-POWER604-01 [TQFP44]            | (94)   |
| Lattice | ispPAC-POWER604-01 [TQFP44] (SVF)      | (94)   |
| Lattice | ispPAC-POWER604-01 [TQFP44] (VME)      | (94)   |
| Lattice | ispPAC-POWER605-01 (ISP)               | (138)  |
| Lattice | ispPAC-POWER605-01 (ISP-SVF)           | (138)  |
| Lattice | ispPAC-POWER605-01 (ISP-VME)           | (138)  |
| Lattice | ispPAC-POWER605-01 [QFNS24]            | (731)  |
| Lattice | ispPAC-POWER605-01 [QFNS24] (SVF)      | (731)  |
| Lattice | ispPAC-POWER605-01 [QFNS24] (VME)      | (731)  |
| Lattice | ispPAC-POWER607-01 (ISP)               | (138)  |
| Lattice | ispPAC-POWER607-01 (ISP-SVF)           | (138)  |
| Lattice | ispPAC-POWER607-01 (ISP-VME)           | (138)  |
| Lattice | ispPAC-POWER607-01 [QFN32]             | (1011) |
| Lattice | ispPAC-POWER607-01 [QFN32] (SVF)       | (1011) |
| Lattice | ispPAC-POWER607-01 [QFN32] (VME)       | (1011) |
| Lattice | ispPAC-POWER607-01 [QFNS24]            | (3132) |
| Lattice | ispPAC-POWER607-01 [QFNS24] (SVF)      | (3132) |
| Lattice | ispPAC-POWER607-01 [QFNS24] (VME)      | (3132) |
| Lattice | ispPAC-POWER607-01 [QFNS32]            | (1011) |
| Lattice | ispPAC-POWER607-01 [QFNS32] (SVF)      | (1011) |
| Lattice | ispPAC-POWER607-01 [QFNS32] (VME)      | (1011) |
| Lattice | ispPAC-POWER6AT6-01 (ISP)              | (138)  |
| Lattice | ispPAC-POWER6AT6-01 (ISP-SVF)          | (138)  |
| Lattice | ispPAC-POWER6AT6-01 (ISP-VME)          | (138)  |
| Lattice | ispPAC-POWER6AT6-01 [QFN32]            | (982)  |
| Lattice | ispPAC-POWER6AT6-01 [QFN32] (SVF)      | (982)  |
| Lattice | ispPAC-POWER6AT6-01 [QFN32] (VME)      | (982)  |
| Lattice | ispPAC-POWER6AT6-01 [QFNS32]           | (982)  |
| Lattice | ispPAC-POWER6AT6-01 [QFNS32] (SVF)     | (982)  |
| Lattice | ispPAC-POWER6AT6-01 [QFNS32] (VME)     | (982)  |
| Lattice | JTAG chain (ISP-SVF)                   | (138)  |
| Lattice | JTAG chain (ISP-VME)                   | (138)  |
| Lattice | LA4032V (ISP)                          | (138)  |
| Lattice | LA4032V (ISP-SVF)                      | (138)  |
| Lattice | LA4032V (ISP-VME)                      | (138)  |
| Lattice | LA4032V [TQFP44]                       | (94)   |
| Lattice | LA4032V [TQFP44] (SVF)                 | (94)   |
| Lattice | LA4032V [TQFP44] (VME)                 | (94)   |
| Lattice | LA4032V [TQFP48]                       | (174)  |
| Lattice | LA4032V [TQFP48] (SVF)                 | (174)  |
| Lattice | LA4032V [TQFP48] (VME)                 | (174)  |
| Lattice | LA4032ZC (ISP)                         | (138)  |
| Lattice | LA4032ZC (ISP-SVF)                     | (138)  |
| Lattice | LA4032ZC (ISP-VME)                     | (138)  |
| Lattice | LA4032ZC [TQFP48]                      | (174)  |
| Lattice | LA4032ZC [TQFP48] (SVF)                | (174)  |
| Lattice | LA4032ZC [TQFP48] (VME)                | (174)  |
| Lattice | LA4064V (ISP-SVF)                      | (138)  |
| Lattice | LA4064V (ISP-VME)                      | (138)  |
| Lattice | LA4064V [TQFP100]                      | (653)  |
| Lattice | LA4064V [TQFP100] (ISP)                | (138)  |
| Lattice | LA4064V [TQFP100] (SVF)                | (653)  |
| Lattice | LA4064V [TQFP100] (VME)                | (653)  |
| Lattice | LA4064V [TQFP44]                       | (94)   |
| Lattice | LA4064V [TQFP44] (ISP)                 | (138)  |
| Lattice | LA4064V [TQFP44] (SVF)                 | (94)   |
| Lattice | LA4064V [TQFP44] (VME)                 | (94)   |
| Lattice | LA4064V [TQFP48]                       | (174)  |
| Lattice | LA4064V [TQFP48] (ISP)                 | (138)  |

|         |                         |                  |        |
|---------|-------------------------|------------------|--------|
| Lattice | LA4064V                 | [TQFP48] (SVF)   | (174)  |
| Lattice | LA4064V                 | [TQFP48] (VME)   | (174)  |
| Lattice | LA4064ZC                | (ISP-SVF)        | (138)  |
| Lattice | LA4064ZC                | (ISP-VME)        | (138)  |
| Lattice | LA4064ZC                | [TQFP100]        | (653)  |
| Lattice | LA4064ZC                | [TQFP100] (ISP)  | (138)  |
| Lattice | LA4064ZC                | [TQFP100] (SVF)  | (653)  |
| Lattice | LA4064ZC                | [TQFP100] (VME)  | (653)  |
| Lattice | LA4064ZC                | [TQFP48]         | (174)  |
| Lattice | LA4064ZC                | [TQFP48] (ISP)   | (138)  |
| Lattice | LA4064ZC                | [TQFP48] (SVF)   | (174)  |
| Lattice | LA4064ZC                | [TQFP48] (VME)   | (174)  |
| Lattice | LA4128V                 | (ISP)            | (138)  |
| Lattice | LA4128V                 | (ISP-SVF)        | (138)  |
| Lattice | LA4128V                 | (ISP-VME)        | (138)  |
| Lattice | LA4128V                 | [TQFP100]        | (653)  |
| Lattice | LA4128V                 | [TQFP100] (SVF)  | (653)  |
| Lattice | LA4128V                 | [TQFP100] (VME)  | (653)  |
| Lattice | LA4128V                 | [TQFP128]        | (742)  |
| Lattice | LA4128V                 | [TQFP128] (SVF)  | (742)  |
| Lattice | LA4128V                 | [TQFP128] (VME)  | (742)  |
| Lattice | LA4128V                 | [TQFP144]        | (952)  |
| Lattice | LA4128V                 | [TQFP144] (SVF)  | (952)  |
| Lattice | LA4128V                 | [TQFP144] (VME)  | (952)  |
| Lattice | LA4128ZC                | (ISP)            | (138)  |
| Lattice | LA4128ZC                | (ISP-SVF)        | (138)  |
| Lattice | LA4128ZC                | (ISP-VME)        | (138)  |
| Lattice | LA4128ZC                | [TQFP100]        | (653)  |
| Lattice | LA4128ZC                | [TQFP100] (SVF)  | (653)  |
| Lattice | LA4128ZC                | [TQFP100] (VME)  | (653)  |
| Lattice | LA-1 spPAC-POWR1014-01  | (ISP)            | (138)  |
| Lattice | LA-1 spPAC-POWR1014-01  | (ISP-SVF)        | (138)  |
| Lattice | LA-1 spPAC-POWR1014-01  | (ISP-VME)        | (138)  |
| Lattice | LA-1 spPAC-POWR1014-01  | [TQFP48]         | (981)  |
| Lattice | LA-1 spPAC-POWR1014-01  | [TQFP48] (SVF)   | (981)  |
| Lattice | LA-1 spPAC-POWR1014-01  | [TQFP48] (VME)   | (981)  |
| Lattice | LA-1 spPAC-POWR1014A-01 | (ISP)            | (138)  |
| Lattice | LA-1 spPAC-POWR1014A-01 | (ISP-SVF)        | (138)  |
| Lattice | LA-1 spPAC-POWR1014A-01 | (ISP-VME)        | (138)  |
| Lattice | LA-1 spPAC-POWR1014A-01 | [TQFP48]         | (981)  |
| Lattice | LA-1 spPAC-POWR1014A-01 | [TQFP48] (SVF)   | (981)  |
| Lattice | LA-1 spPAC-POWR1014A-01 | [TQFP48] (VME)   | (981)  |
| Lattice | LAMX01200E              | (ISP)            | (138)  |
| Lattice | LAMX01200E              | [ftBGA256]       | (906)  |
| Lattice | LAMX01200E              | [ftBGA256] (SVF) | (906)  |
| Lattice | LAMX01200E              | [ftBGA256] (VME) | (906)  |
| Lattice | LAMX01200E              | [TQFP100]        | (855)  |
| Lattice | LAMX01200E              | [TQFP100] (SVF)  | (855)  |
| Lattice | LAMX01200E              | [TQFP100] (VME)  | (855)  |
| Lattice | LAMX01200E              | [TQFP144]        | (836)  |
| Lattice | LAMX02280E              | (ISP)            | (138)  |
| Lattice | LAMX02280E              | [ftBGA256]       | (906)  |
| Lattice | LAMX02280E              | [ftBGA256] (SVF) | (906)  |
| Lattice | LAMX02280E              | [ftBGA256] (VME) | (906)  |
| Lattice | LAMX02280E              | [ftBGA324]       | (1492) |
| Lattice | LAMX02280E              | [ftBGA324] (SVF) | (1492) |
| Lattice | LAMX02280E              | [ftBGA324] (VME) | (1492) |
| Lattice | LAMX02280E              | [TQFP100]        | (855)  |
| Lattice | LAMX02280E              | [TQFP100] (SVF)  | (855)  |
| Lattice | LAMX02280E              | [TQFP100] (VME)  | (855)  |
| Lattice | LAMX02280E              | [TQFP144]        | (836)  |
| Lattice | LAMX0256C               | (ISP)            | (138)  |
| Lattice | LAMX0256C               | [TQFP100]        | (854)  |
| Lattice | LAMX0256C               | [TQFP100] (SVF)  | (854)  |
| Lattice | LAMX0256C               | [TQFP100] (VME)  | (854)  |
| Lattice | LAMX0256E               | (ISP)            | (138)  |
| Lattice | LAMX0256E               | [TQFP100]        | (854)  |
| Lattice | LAMX0256E               | [TQFP100] (SVF)  | (854)  |
| Lattice | LAMX0256E               | [TQFP100] (VME)  | (854)  |
| Lattice | LAMX0640C               | (ISP)            | (138)  |
| Lattice | LAMX0640C               | [fpBGA256]       | (906)  |
| Lattice | LAMX0640C               | [fpBGA256] (SVF) | (906)  |
| Lattice | LAMX0640C               | [fpBGA256] (VME) | (906)  |
| Lattice | LAMX0640C               | [ftBGA256]       | (906)  |
| Lattice | LAMX0640C               | [ftBGA256] (SVF) | (906)  |
| Lattice | LAMX0640C               | [ftBGA256] (VME) | (906)  |
| Lattice | LAMX0640C               | [TQFP100]        | (854)  |
| Lattice | LAMX0640C               | [TQFP100] (SVF)  | (854)  |
| Lattice | LAMX0640C               | [TQFP100] (VME)  | (854)  |
| Lattice | LAMX0640C               | [TQFP144]        | (836)  |
| Lattice | LAMX0640E               | (ISP)            | (138)  |
| Lattice | LAMX0640E               | [fpBGA256]       | (906)  |
| Lattice | LAMX0640E               | [fpBGA256] (SVF) | (906)  |
| Lattice | LAMX0640E               | [fpBGA256] (VME) | (906)  |
| Lattice | LAMX0640E               | [ftBGA256]       | (906)  |
| Lattice | LAMX0640E               | [ftBGA256] (SVF) | (906)  |
| Lattice | LAMX0640E               | [ftBGA256] (VME) | (906)  |
| Lattice | LAMX0640E               | [TQFP100]        | (854)  |
| Lattice | LAMX0640E               | [TQFP100] (SVF)  | (854)  |
| Lattice | LAMX0640E               | [TQFP100] (VME)  | (854)  |
| Lattice | LAMX0640E               | [TQFP144]        | (836)  |
| Lattice | L-ASC10                 | [QFN48]          | (3449) |
| Lattice | LAXP2-17E               | (ISP)            | (138)  |
| Lattice | LAXP2-17E               | (ISP-SVF)        | (138)  |
| Lattice | LAXP2-17E               | (ISP-VME)        | (138)  |
| Lattice | LAXP2-17E               | [PQFP208]        | (1335) |
| Lattice | LAXP2-17E               | [PQFP208] (SVF)  | (1335) |
| Lattice | LAXP2-17E               | [PQFP208] (VME)  | (1335) |
| Lattice | LAXP2-5E                | (ISP)            | (138)  |
| Lattice | LAXP2-5E                | (ISP-SVF)        | (138)  |
| Lattice | LAXP2-5E                | (ISP-VME)        | (138)  |
| Lattice | LAXP2-5E                | [PQFP208]        | (1335) |
| Lattice | LAXP2-5E                | [PQFP208] (SVF)  | (1335) |
| Lattice | LAXP2-5E                | [PQFP208] (VME)  | (1335) |
| Lattice | LAXP2-5E                | [TQFP144]        | (1334) |
| Lattice | LAXP2-5E                | [TQFP144] (SVF)  | (1334) |
| Lattice | LAXP2-5E                | [TQFP144] (VME)  | (1334) |
| Lattice | LAXP2-8E                | (ISP)            | (138)  |
| Lattice | LAXP2-8E                | (ISP-SVF)        | (138)  |
| Lattice | LAXP2-8E                | (ISP-VME)        | (138)  |
| Lattice | LAXP2-8E                | [PQFP208]        | (1335) |
| Lattice | LAXP2-8E                | [PQFP208] (SVF)  | (1335) |
| Lattice | LAXP2-8E                | [PQFP208] (VME)  | (1335) |
| Lattice | LAXP2-8E                | [TQFP144]        | (1334) |
| Lattice | LAXP2-8E                | [TQFP144] (SVF)  | (1334) |
| Lattice | LAXP2-8E                | [TQFP144] (VME)  | (1334) |
| Lattice | LC4032B                 | (ISP)            | (138)  |
| Lattice | LC4032B                 | (ISP-SVF)        | (138)  |
| Lattice | LC4032B                 | (ISP-VME)        | (138)  |
| Lattice | LC4032B                 | [TQFP44]         | (94)   |
| Lattice | LC4032B                 | [TQFP44] (SVF)   | (94)   |
| Lattice | LC4032B                 | [TQFP44] (VME)   | (94)   |
| Lattice | LC4032B                 | [TQFP48]         | (174)  |
| Lattice | LC4032B                 | [TQFP48] (SVF)   | (174)  |
| Lattice | LC4032B                 | [TQFP48] (VME)   | (174)  |
| Lattice | LC4032C                 | (ISP)            | (138)  |
| Lattice | LC4032C                 | (ISP-SVF)        | (138)  |
| Lattice | LC4032C                 | (ISP-VME)        | (138)  |



|         |          |                  |        |
|---------|----------|------------------|--------|
| Lattice | LC4032C  | [TQFP44]         | (94)   |
| Lattice | LC4032C  | [TQFP44] (SVF)   | (94)   |
| Lattice | LC4032C  | [TQFP44] (VME)   | (94)   |
| Lattice | LC4032C  | [TQFP48]         | (174)  |
| Lattice | LC4032C  | [TQFP48] (SVF)   | (174)  |
| Lattice | LC4032C  | [TQFP48] (VME)   | (174)  |
| Lattice | LC4032V  | (ISP)            | (138)  |
| Lattice | LC4032V  | (ISP-SVF)        | (138)  |
| Lattice | LC4032V  | (ISP-VME)        | (138)  |
| Lattice | LC4032V  | [TQFP44]         | (94)   |
| Lattice | LC4032V  | [TQFP44] (SVF)   | (94)   |
| Lattice | LC4032V  | [TQFP44] (VME)   | (94)   |
| Lattice | LC4032V  | [TQFP48]         | (174)  |
| Lattice | LC4032V  | [TQFP48] (SVF)   | (174)  |
| Lattice | LC4032V  | [TQFP48] (VME)   | (174)  |
| Lattice | LC4032ZC | (ISP)            | (138)  |
| Lattice | LC4032ZC | (ISP-SVF)        | (138)  |
| Lattice | LC4032ZC | (ISP-VME)        | (138)  |
| Lattice | LC4032ZC | [CSBGA56]        | (789)  |
| Lattice | LC4032ZC | [CSBGA56] (SVF)  | (789)  |
| Lattice | LC4032ZC | [CSBGA56] (VME)  | (789)  |
| Lattice | LC4032ZC | [TQFP48]         | (174)  |
| Lattice | LC4032ZC | [TQFP48] (SVF)   | (174)  |
| Lattice | LC4032ZC | [TQFP48] (VME)   | (174)  |
| Lattice | LC4032ZE | (ISP)            | (138)  |
| Lattice | LC4032ZE | [CSBGA64]        | (1340) |
| Lattice | LC4032ZE | [CSBGA64] (SVF)  | (1340) |
| Lattice | LC4032ZE | [CSBGA64] (VME)  | (1340) |
| Lattice | LC4032ZE | [TQFP48]         | (174)  |
| Lattice | LC4032ZE | [TQFP48] (SVF)   | (174)  |
| Lattice | LC4032ZE | [TQFP48] (VME)   | (174)  |
| Lattice | LC4064B  | (ISP-SVF)        | (138)  |
| Lattice | LC4064B  | (ISP-VME)        | (138)  |
| Lattice | LC4064B  | [TQFP100]        | (653)  |
| Lattice | LC4064B  | [TQFP100] (ISP)  | (138)  |
| Lattice | LC4064B  | [TQFP100] (SVF)  | (653)  |
| Lattice | LC4064B  | [TQFP100] (VME)  | (653)  |
| Lattice | LC4064B  | [TQFP44]         | (94)   |
| Lattice | LC4064B  | [TQFP44] (ISP)   | (138)  |
| Lattice | LC4064B  | [TQFP44] (SVF)   | (94)   |
| Lattice | LC4064B  | [TQFP44] (VME)   | (94)   |
| Lattice | LC4064B  | [TQFP48]         | (174)  |
| Lattice | LC4064B  | [TQFP48] (ISP)   | (138)  |
| Lattice | LC4064B  | [TQFP48] (SVF)   | (174)  |
| Lattice | LC4064B  | [TQFP48] (VME)   | (174)  |
| Lattice | LC4064C  | (ISP-SVF)        | (138)  |
| Lattice | LC4064C  | (ISP-VME)        | (138)  |
| Lattice | LC4064C  | [TQFP100]        | (653)  |
| Lattice | LC4064C  | [TQFP100] (ISP)  | (138)  |
| Lattice | LC4064C  | [TQFP100] (SVF)  | (653)  |
| Lattice | LC4064C  | [TQFP100] (VME)  | (653)  |
| Lattice | LC4064C  | [TQFP44]         | (94)   |
| Lattice | LC4064C  | [TQFP44] (ISP)   | (138)  |
| Lattice | LC4064C  | [TQFP44] (SVF)   | (94)   |
| Lattice | LC4064C  | [TQFP44] (VME)   | (94)   |
| Lattice | LC4064C  | [TQFP48]         | (174)  |
| Lattice | LC4064C  | [TQFP48] (ISP)   | (138)  |
| Lattice | LC4064C  | [TQFP48] (SVF)   | (174)  |
| Lattice | LC4064C  | [TQFP48] (VME)   | (174)  |
| Lattice | LC4064V  | (ISP-SVF)        | (138)  |
| Lattice | LC4064V  | (ISP-VME)        | (138)  |
| Lattice | LC4064V  | [TQFP100]        | (653)  |
| Lattice | LC4064V  | [TQFP100] (ISP)  | (138)  |
| Lattice | LC4064V  | [TQFP100] (SVF)  | (653)  |
| Lattice | LC4064V  | [TQFP100] (VME)  | (653)  |
| Lattice | LC4064V  | [TQFP44]         | (94)   |
| Lattice | LC4064V  | [TQFP44] (ISP)   | (138)  |
| Lattice | LC4064V  | [TQFP44] (SVF)   | (94)   |
| Lattice | LC4064V  | [TQFP44] (VME)   | (94)   |
| Lattice | LC4064V  | [TQFP48]         | (174)  |
| Lattice | LC4064V  | [TQFP48] (ISP)   | (138)  |
| Lattice | LC4064V  | [TQFP48] (SVF)   | (174)  |
| Lattice | LC4064V  | [TQFP48] (VME)   | (174)  |
| Lattice | LC4064ZC | (ISP-SVF)        | (138)  |
| Lattice | LC4064ZC | (ISP-VME)        | (138)  |
| Lattice | LC4064ZC | [CSBGA132]       | (788)  |
| Lattice | LC4064ZC | [CSBGA132] (ISP) | (138)  |
| Lattice | LC4064ZC | [CSBGA132] (SVF) | (788)  |
| Lattice | LC4064ZC | [CSBGA132] (VME) | (788)  |
| Lattice | LC4064ZC | [CSBGA56]        | (789)  |
| Lattice | LC4064ZC | [CSBGA56] (ISP)  | (138)  |
| Lattice | LC4064ZC | [CSBGA56] (SVF)  | (789)  |
| Lattice | LC4064ZC | [CSBGA56] (VME)  | (789)  |
| Lattice | LC4064ZC | [TQFP100]        | (653)  |
| Lattice | LC4064ZC | [TQFP100] (ISP)  | (138)  |
| Lattice | LC4064ZC | [TQFP100] (SVF)  | (653)  |
| Lattice | LC4064ZC | [TQFP100] (VME)  | (653)  |
| Lattice | LC4064ZC | [TQFP48]         | (174)  |
| Lattice | LC4064ZC | [TQFP48] (ISP)   | (138)  |
| Lattice | LC4064ZC | [TQFP48] (SVF)   | (174)  |
| Lattice | LC4064ZC | [TQFP48] (VME)   | (174)  |
| Lattice | LC4064ZE | (ISP)            | (138)  |
| Lattice | LC4064ZE | [CSBGA144]       | (1337) |
| Lattice | LC4064ZE | [CSBGA144] (SVF) | (1337) |
| Lattice | LC4064ZE | [CSBGA144] (VME) | (1337) |
| Lattice | LC4064ZE | [CSBGA64]        | (1340) |
| Lattice | LC4064ZE | [CSBGA64] (SVF)  | (1340) |
| Lattice | LC4064ZE | [CSBGA64] (VME)  | (1340) |
| Lattice | LC4064ZE | [TQFP100]        | (653)  |
| Lattice | LC4064ZE | [TQFP100] (SVF)  | (653)  |
| Lattice | LC4064ZE | [TQFP100] (VME)  | (653)  |
| Lattice | LC4064ZE | [TQFP48]         | (174)  |
| Lattice | LC4064ZE | [TQFP48] (SVF)   | (174)  |
| Lattice | LC4064ZE | [TQFP48] (VME)   | (174)  |
| Lattice | LC4128B  | (ISP)            | (138)  |
| Lattice | LC4128B  | (ISP-SVF)        | (138)  |
| Lattice | LC4128B  | (ISP-VME)        | (138)  |
| Lattice | LC4128B  | [TQFP100]        | (653)  |
| Lattice | LC4128B  | [TQFP100] (SVF)  | (653)  |
| Lattice | LC4128B  | [TQFP100] (VME)  | (653)  |
| Lattice | LC4128B  | [TQFP128]        | (742)  |
| Lattice | LC4128B  | [TQFP128] (SVF)  | (742)  |
| Lattice | LC4128B  | [TQFP128] (VME)  | (742)  |
| Lattice | LC4128C  | (ISP)            | (138)  |
| Lattice | LC4128C  | (ISP-SVF)        | (138)  |
| Lattice | LC4128C  | (ISP-VME)        | (138)  |
| Lattice | LC4128C  | [TQFP100]        | (653)  |
| Lattice | LC4128C  | [TQFP100] (SVF)  | (653)  |
| Lattice | LC4128C  | [TQFP100] (VME)  | (653)  |
| Lattice | LC4128C  | [TQFP128]        | (742)  |
| Lattice | LC4128C  | [TQFP128] (SVF)  | (742)  |
| Lattice | LC4128C  | [TQFP128] (VME)  | (742)  |
| Lattice | LC4128V  | (ISP)            | (138)  |
| Lattice | LC4128V  | (ISP-SVF)        | (138)  |
| Lattice | LC4128V  | (ISP-VME)        | (138)  |
| Lattice | LC4128V  | [TQFP100]        | (653)  |
| Lattice | LC4128V  | [TQFP100] (SVF)  | (653)  |
| Lattice | LC4128V  | [TQFP100] (VME)  | (653)  |

|         |                  |                   |        |
|---------|------------------|-------------------|--------|
| Lattice | LC4128V          | [TQFP128]         | (742)  |
| Lattice | LC4128V          | [TQFP128] (SVF)   | (742)  |
| Lattice | LC4128V          | [TQFP128] (VME)   | (742)  |
| Lattice | LC4128V          | [TQFP144]         | (952)  |
| Lattice | LC4128V          | [TQFP144] (SVF)   | (952)  |
| Lattice | LC4128V          | [TQFP144] (VME)   | (952)  |
| Lattice | LC4128ZC         | (ISP)             | (138)  |
| Lattice | LC4128ZC         | (ISP-SVF)         | (138)  |
| Lattice | LC4128ZC         | (ISP-VME)         | (138)  |
| Lattice | LC4128ZC         | [CSBGA132]        | (788)  |
| Lattice | LC4128ZC         | [CSBGA132] (SVF)  | (788)  |
| Lattice | LC4128ZC         | [CSBGA132] (VME)  | (788)  |
| Lattice | LC4128ZC         | [TQFP100]         | (653)  |
| Lattice | LC4128ZC         | [TQFP100] (SVF)   | (653)  |
| Lattice | LC4128ZC         | [TQFP100] (VME)   | (653)  |
| Lattice | LC4128ZE         | (ISP)             | (138)  |
| Lattice | LC4128ZE         | [CSBGA144]        | (1337) |
| Lattice | LC4128ZE         | [CSBGA144] (SVF)  | (1337) |
| Lattice | LC4128ZE         | [CSBGA144] (VME)  | (1337) |
| Lattice | LC4128ZE         | [TQFP100]         | (653)  |
| Lattice | LC4128ZE         | [TQFP100] (SVF)   | (653)  |
| Lattice | LC4128ZE         | [TQFP100] (VME)   | (653)  |
| Lattice | LC4128ZE         | [TQFP144]         | (952)  |
| Lattice | LC4128ZE         | [TQFP144] (SVF)   | (952)  |
| Lattice | LC4128ZE         | [TQFP144] (VME)   | (952)  |
| Lattice | LC4256B          | (ISP-SVF)         | (138)  |
| Lattice | LC4256B          | (ISP-VME)         | (138)  |
| Lattice | LC4256B          | [fpBGA256A] (ISP) | (138)  |
| Lattice | LC4256B          | [fpBGA256B] (ISP) | (138)  |
| Lattice | LC4256B          | [TQFP100]         | (653)  |
| Lattice | LC4256B          | [TQFP100] (ISP)   | (138)  |
| Lattice | LC4256B          | [TQFP100] (SVF)   | (653)  |
| Lattice | LC4256B          | [TQFP100] (VME)   | (653)  |
| Lattice | LC4256B          | [TQFP176]         | (1107) |
| Lattice | LC4256B          | [TQFP176] (ISP)   | (138)  |
| Lattice | LC4256B          | [TQFP176] (SVF)   | (1107) |
| Lattice | LC4256B          | [TQFP176] (VME)   | (1107) |
| Lattice | LC4256B-xxxxxxxA | [FPBGA256]        | (748)  |
| Lattice | LC4256B-xxxxxxxA | [FPBGA256] (SVF)  | (748)  |
| Lattice | LC4256B-xxxxxxxA | [FPBGA256] (VME)  | (748)  |
| Lattice | LC4256B-xxxxxxxA | [ftBGA256]        | (748)  |
| Lattice | LC4256B-xxxxxxxA | [ftBGA256] (SVF)  | (748)  |
| Lattice | LC4256B-xxxxxxxA | [ftBGA256] (VME)  | (748)  |
| Lattice | LC4256B-xxxxxxxB | [FPBGA256]        | (748)  |
| Lattice | LC4256B-xxxxxxxB | [FPBGA256] (SVF)  | (748)  |
| Lattice | LC4256B-xxxxxxxB | [FPBGA256] (VME)  | (748)  |
| Lattice | LC4256B-xxxxxxxB | [ftBGA256]        | (748)  |
| Lattice | LC4256B-xxxxxxxB | [ftBGA256] (SVF)  | (748)  |
| Lattice | LC4256B-xxxxxxxB | [ftBGA256] (VME)  | (748)  |
| Lattice | LC4256C          | (ISP-SVF)         | (138)  |
| Lattice | LC4256C          | (ISP-VME)         | (138)  |
| Lattice | LC4256C          | [fpBGA256A] (ISP) | (138)  |
| Lattice | LC4256C          | [fpBGA256B] (ISP) | (138)  |
| Lattice | LC4256C          | [TQFP100]         | (653)  |
| Lattice | LC4256C          | [TQFP100] (ISP)   | (138)  |
| Lattice | LC4256C          | [TQFP100] (SVF)   | (653)  |
| Lattice | LC4256C          | [TQFP100] (VME)   | (653)  |
| Lattice | LC4256C          | [TQFP176]         | (1107) |
| Lattice | LC4256C          | [TQFP176] (ISP)   | (138)  |
| Lattice | LC4256C          | [TQFP176] (SVF)   | (1107) |
| Lattice | LC4256C          | [TQFP176] (VME)   | (1107) |
| Lattice | LC4256C-xxxxxxxA | [FPBGA256]        | (748)  |
| Lattice | LC4256C-xxxxxxxA | [FPBGA256] (SVF)  | (748)  |
| Lattice | LC4256C-xxxxxxxA | [FPBGA256] (VME)  | (748)  |
| Lattice | LC4256C-xxxxxxxA | [ftBGA256]        | (748)  |
| Lattice | LC4256C-xxxxxxxA | [ftBGA256] (SVF)  | (748)  |
| Lattice | LC4256C-xxxxxxxA | [ftBGA256] (VME)  | (748)  |
| Lattice | LC4256C-xxxxxxxB | [FPBGA256]        | (748)  |
| Lattice | LC4256C-xxxxxxxB | [FPBGA256] (SVF)  | (748)  |
| Lattice | LC4256C-xxxxxxxB | [FPBGA256] (VME)  | (748)  |
| Lattice | LC4256C-xxxxxxxB | [ftBGA256]        | (748)  |
| Lattice | LC4256C-xxxxxxxB | [ftBGA256] (SVF)  | (748)  |
| Lattice | LC4256C-xxxxxxxB | [ftBGA256] (VME)  | (748)  |
| Lattice | LC4256V          | (ISP-SVF)         | (138)  |
| Lattice | LC4256V          | (ISP-VME)         | (138)  |
| Lattice | LC4256V          | [fpBGA256A] (ISP) | (138)  |
| Lattice | LC4256V          | [fpBGA256B] (ISP) | (138)  |
| Lattice | LC4256V          | [TQFP100]         | (653)  |
| Lattice | LC4256V          | [TQFP100] (ISP)   | (138)  |
| Lattice | LC4256V          | [TQFP100] (SVF)   | (653)  |
| Lattice | LC4256V          | [TQFP100] (VME)   | (653)  |
| Lattice | LC4256V          | [TQFP144]         | (952)  |
| Lattice | LC4256V          | [TQFP144] (ISP)   | (138)  |
| Lattice | LC4256V          | [TQFP144] (SVF)   | (952)  |
| Lattice | LC4256V          | [TQFP144] (VME)   | (952)  |
| Lattice | LC4256V          | [TQFP176]         | (1107) |
| Lattice | LC4256V          | [TQFP176] (ISP)   | (138)  |
| Lattice | LC4256V          | [TQFP176] (SVF)   | (1107) |
| Lattice | LC4256V          | [TQFP176] (VME)   | (1107) |
| Lattice | LC4256V-xxxxxxxA | [FPBGA256]        | (748)  |
| Lattice | LC4256V-xxxxxxxA | [FPBGA256] (S1)   | (748)  |
| Lattice | LC4256V-xxxxxxxA | [FPBGA256] (SVF)  | (748)  |
| Lattice | LC4256V-xxxxxxxA | [FPBGA256] (VME)  | (748)  |
| Lattice | LC4256V-xxxxxxxA | [ftBGA256]        | (748)  |
| Lattice | LC4256V-xxxxxxxA | [ftBGA256] (SVF)  | (748)  |
| Lattice | LC4256V-xxxxxxxA | [ftBGA256] (VME)  | (748)  |
| Lattice | LC4256V-xxxxxxxB | [FPBGA256]        | (748)  |
| Lattice | LC4256V-xxxxxxxB | [FPBGA256] (SVF)  | (748)  |
| Lattice | LC4256V-xxxxxxxB | [FPBGA256] (VME)  | (748)  |
| Lattice | LC4256V-xxxxxxxB | [ftBGA256]        | (748)  |
| Lattice | LC4256V-xxxxxxxB | [ftBGA256] (SVF)  | (748)  |
| Lattice | LC4256V-xxxxxxxB | [ftBGA256] (VME)  | (748)  |
| Lattice | LC4256ZC         | (ISP)             | (138)  |
| Lattice | LC4256ZC         | (ISP-SVF)         | (138)  |
| Lattice | LC4256ZC         | (ISP-VME)         | (138)  |
| Lattice | LC4256ZC         | [CSBGA132]        | (788)  |
| Lattice | LC4256ZC         | [CSBGA132] (SVF)  | (788)  |
| Lattice | LC4256ZC         | [CSBGA132] (VME)  | (788)  |
| Lattice | LC4256ZC         | [TQFP100]         | (653)  |
| Lattice | LC4256ZC         | [TQFP100] (SVF)   | (653)  |
| Lattice | LC4256ZC         | [TQFP100] (VME)   | (653)  |
| Lattice | LC4256ZC         | [TQFP176]         | (1107) |
| Lattice | LC4256ZC         | [TQFP176] (SVF)   | (1107) |
| Lattice | LC4256ZC         | [TQFP176] (VME)   | (1107) |
| Lattice | LC4256ZE         | (ISP)             | (138)  |
| Lattice | LC4256ZE         | [CSBGA144]        | (1337) |
| Lattice | LC4256ZE         | [CSBGA144] (SVF)  | (1337) |
| Lattice | LC4256ZE         | [CSBGA144] (VME)  | (1337) |
| Lattice | LC4256ZE         | [TQFP100]         | (653)  |
| Lattice | LC4256ZE         | [TQFP100] (SVF)   | (653)  |
| Lattice | LC4256ZE         | [TQFP100] (VME)   | (653)  |
| Lattice | LC4256ZE         | [TQFP144]         | (952)  |
| Lattice | LC4256ZE         | [TQFP144] (SVF)   | (952)  |
| Lattice | LC4256ZE         | [TQFP144] (VME)   | (952)  |
| Lattice | LC4384B          | (ISP)             | (138)  |
| Lattice | LC4384B          | (ISP-SVF)         | (138)  |
| Lattice | LC4384B          | (ISP-VME)         | (138)  |
| Lattice | LC4384B          | [FPBGA256]        | (748)  |

|         |           |                  |        |
|---------|-----------|------------------|--------|
| Lattice | LC4384B   | [fpBGA256] (SVF) | (748)  |
| Lattice | LC4384B   | [fpBGA256] (VME) | (748)  |
| Lattice | LC4384B   | [ftBGA256]       | (748)  |
| Lattice | LC4384B   | [ftBGA256] (SVF) | (748)  |
| Lattice | LC4384B   | [ftBGA256] (VME) | (748)  |
| Lattice | LC4384B   | [TQFP176]        | (1107) |
| Lattice | LC4384B   | [TQFP176] (SVF)  | (1107) |
| Lattice | LC4384B   | [TQFP176] (VME)  | (1107) |
| Lattice | LC4384C   | (ISP)            | (138)  |
| Lattice | LC4384C   | (ISP-SVF)        | (138)  |
| Lattice | LC4384C   | (ISP-VME)        | (138)  |
| Lattice | LC4384C   | [FPBGA256]       | (748)  |
| Lattice | LC4384C   | [fpBGA256] (SVF) | (748)  |
| Lattice | LC4384C   | [fpBGA256] (VME) | (748)  |
| Lattice | LC4384C   | [ftBGA256]       | (748)  |
| Lattice | LC4384C   | [ftBGA256] (SVF) | (748)  |
| Lattice | LC4384C   | [ftBGA256] (VME) | (748)  |
| Lattice | LC4384C   | [TQFP176]        | (1107) |
| Lattice | LC4384C   | [TQFP176] (SVF)  | (1107) |
| Lattice | LC4384C   | [TQFP176] (VME)  | (1107) |
| Lattice | LC4384V   | (ISP)            | (138)  |
| Lattice | LC4384V   | (ISP-SVF)        | (138)  |
| Lattice | LC4384V   | (ISP-VME)        | (138)  |
| Lattice | LC4384V   | [FPBGA256]       | (748)  |
| Lattice | LC4384V   | [fpBGA256] (SVF) | (748)  |
| Lattice | LC4384V   | [fpBGA256] (VME) | (748)  |
| Lattice | LC4384V   | [ftBGA256]       | (748)  |
| Lattice | LC4384V   | [ftBGA256] (SVF) | (748)  |
| Lattice | LC4384V   | [ftBGA256] (VME) | (748)  |
| Lattice | LC4384V   | [TQFP176]        | (1107) |
| Lattice | LC4384V   | [TQFP176] (SVF)  | (1107) |
| Lattice | LC4384V   | [TQFP176] (VME)  | (1107) |
| Lattice | LC4512B   | (ISP)            | (138)  |
| Lattice | LC4512B   | (ISP-SVF)        | (138)  |
| Lattice | LC4512B   | (ISP-VME)        | (138)  |
| Lattice | LC4512B   | [FPBGA256]       | (748)  |
| Lattice | LC4512B   | [fpBGA256] (SVF) | (748)  |
| Lattice | LC4512B   | [fpBGA256] (VME) | (748)  |
| Lattice | LC4512B   | [ftBGA256]       | (748)  |
| Lattice | LC4512B   | [ftBGA256] (SVF) | (748)  |
| Lattice | LC4512B   | [ftBGA256] (VME) | (748)  |
| Lattice | LC4512B   | [TQFP176]        | (1107) |
| Lattice | LC4512B   | [TQFP176] (SVF)  | (1107) |
| Lattice | LC4512B   | [TQFP176] (VME)  | (1107) |
| Lattice | LC4512C   | (ISP)            | (138)  |
| Lattice | LC4512C   | (ISP-SVF)        | (138)  |
| Lattice | LC4512C   | (ISP-VME)        | (138)  |
| Lattice | LC4512C   | [FPBGA256]       | (748)  |
| Lattice | LC4512C   | [fpBGA256] (SVF) | (748)  |
| Lattice | LC4512C   | [fpBGA256] (VME) | (748)  |
| Lattice | LC4512C   | [ftBGA256]       | (748)  |
| Lattice | LC4512C   | [ftBGA256] (SVF) | (748)  |
| Lattice | LC4512C   | [ftBGA256] (VME) | (748)  |
| Lattice | LC4512C   | [TQFP176]        | (1107) |
| Lattice | LC4512C   | [TQFP176] (SVF)  | (1107) |
| Lattice | LC4512C   | [TQFP176] (VME)  | (1107) |
| Lattice | LC4512V   | (ISP)            | (138)  |
| Lattice | LC4512V   | (ISP-SVF)        | (138)  |
| Lattice | LC4512V   | (ISP-VME)        | (138)  |
| Lattice | LC4512V   | [FPBGA256]       | (748)  |
| Lattice | LC4512V   | [fpBGA256] (SVF) | (748)  |
| Lattice | LC4512V   | [fpBGA256] (VME) | (748)  |
| Lattice | LC4512V   | [ftBGA256]       | (748)  |
| Lattice | LC4512V   | [ftBGA256] (SVF) | (748)  |
| Lattice | LC4512V   | [ftBGA256] (VME) | (748)  |
| Lattice | LC4512V   | [TQFP176]        | (1107) |
| Lattice | LC4512V   | [TQFP176] (SVF)  | (1107) |
| Lattice | LC4512V   | [TQFP176] (VME)  | (1107) |
| Lattice | LC51024MB | (ISP)            | (138)  |
| Lattice | LC51024MB | (ISP-SVF)        | (138)  |
| Lattice | LC51024MB | (ISP-VME)        | (138)  |
| Lattice | LC51024MB | [fpBGA484]       | (1338) |
| Lattice | LC51024MC | (ISP)            | (138)  |
| Lattice | LC51024MC | (ISP-SVF)        | (138)  |
| Lattice | LC51024MC | (ISP-VME)        | (138)  |
| Lattice | LC51024MC | [fpBGA484]       | (1338) |
| Lattice | LC51024MV | (ISP)            | (138)  |
| Lattice | LC51024MV | (ISP-SVF)        | (138)  |
| Lattice | LC51024MV | (ISP-VME)        | (138)  |
| Lattice | LC51024MV | [fpBGA484]       | (1338) |
| Lattice | LC51024VG | (ISP)            | (138)  |
| Lattice | LC51024VG | (ISP-SVF)        | (138)  |
| Lattice | LC51024VG | (ISP-VME)        | (138)  |
| Lattice | LC51024VG | [fpBGA484]       | (1482) |
| Lattice | LC51024VG | [fpBGA484] (SVF) | (1482) |
| Lattice | LC51024VG | [fpBGA484] (VME) | (1482) |
| Lattice | LC5128B   | (ISP)            | (138)  |
| Lattice | LC5128B   | (ISP-SVF)        | (138)  |
| Lattice | LC5128B   | (ISP-VME)        | (138)  |
| Lattice | LC5128B   | [TQFP128]        | (741)  |
| Lattice | LC5128B   | [TQFP128] (SVF)  | (741)  |
| Lattice | LC5128B   | [TQFP128] (VME)  | (741)  |
| Lattice | LC5256B   | (ISP)            | (138)  |
| Lattice | LC5256B   | (ISP-SVF)        | (138)  |
| Lattice | LC5256B   | (ISP-VME)        | (138)  |
| Lattice | LC5256B   | [fpBGA256]       | (1048) |
| Lattice | LC5256B   | [PQFP208]        | (1146) |
| Lattice | LC5256B   | [TQFP128]        | (741)  |
| Lattice | LC5256B   | [TQFP128] (SVF)  | (741)  |
| Lattice | LC5256B   | [TQFP128] (VME)  | (741)  |
| Lattice | LC5256MB  | (ISP)            | (138)  |
| Lattice | LC5256MB  | (ISP-SVF)        | (138)  |
| Lattice | LC5256MB  | (ISP-VME)        | (138)  |
| Lattice | LC5256MB  | [fpBGA256]       | (997)  |
| Lattice | LC5256MB  | [fpBGA256] (SVF) | (997)  |
| Lattice | LC5256MB  | [fpBGA256] (VME) | (997)  |
| Lattice | LC5256MC  | (ISP)            | (138)  |
| Lattice | LC5256MC  | (ISP-SVF)        | (138)  |
| Lattice | LC5256MC  | (ISP-VME)        | (138)  |
| Lattice | LC5256MC  | [fpBGA256]       | (997)  |
| Lattice | LC5256MC  | [fpBGA256] (SVF) | (997)  |
| Lattice | LC5256MC  | [fpBGA256] (VME) | (997)  |
| Lattice | LC5256MV  | (ISP)            | (138)  |
| Lattice | LC5256MV  | (ISP-SVF)        | (138)  |
| Lattice | LC5256MV  | (ISP-VME)        | (138)  |
| Lattice | LC5256MV  | [fpBGA256]       | (997)  |
| Lattice | LC5256MV  | [fpBGA256] (SVF) | (997)  |
| Lattice | LC5256MV  | [fpBGA256] (VME) | (997)  |
| Lattice | LC5384B   | (ISP)            | (138)  |
| Lattice | LC5384B   | (ISP-SVF)        | (138)  |
| Lattice | LC5384B   | (ISP-VME)        | (138)  |
| Lattice | LC5384B   | [fpBGA256]       | (1048) |
| Lattice | LC5384B   | [PQFP208]        | (1146) |
| Lattice | LC5512B   | (ISP)            | (138)  |
| Lattice | LC5512B   | (ISP-SVF)        | (138)  |
| Lattice | LC5512B   | (ISP-VME)        | (138)  |
| Lattice | LC5512B   | [fpBGA256]       | (1048) |
| Lattice | LC5512B   | [fpBGA484]       | (1482) |

|         |               |                  |              |
|---------|---------------|------------------|--------------|
| Lattice | LC5512B       | [fpBGA484] (SVF) | (1482)       |
| Lattice | LC5512B       | [fpBGA484] (VME) | (1482)       |
| Lattice | LC5512B       | [PQFP208]        | (1146)       |
| Lattice | LC5512MB      | (ISP)            | (138)        |
| Lattice | LC5512MB      | (ISP-SVF)        | (138)        |
| Lattice | LC5512MB      | (ISP-VME)        | (138)        |
| Lattice | LC5512MB      | [fpBGA256]       | (997)        |
| Lattice | LC5512MB      | [fpBGA256] (SVF) | (997)        |
| Lattice | LC5512MB      | [fpBGA256] (VME) | (997)        |
| Lattice | LC5512MB      | [fpBGA484]       | (1338)       |
| Lattice | LC5512MB      | [PQFP208]        | (994)        |
| Lattice | LC5512MC      | (ISP)            | (138)        |
| Lattice | LC5512MC      | (ISP-SVF)        | (138)        |
| Lattice | LC5512MC      | (ISP-VME)        | (138)        |
| Lattice | LC5512MC      | [fpBGA256]       | (997)        |
| Lattice | LC5512MC      | [fpBGA256] (SVF) | (997)        |
| Lattice | LC5512MC      | [fpBGA256] (VME) | (997)        |
| Lattice | LC5512MC      | [fpBGA484]       | (1338)       |
| Lattice | LC5512MC      | [PQFP208]        | (994)        |
| Lattice | LC5512MV      | (ISP)            | (138)        |
| Lattice | LC5512MV      | (ISP-SVF)        | (138)        |
| Lattice | LC5512MV      | (ISP-VME)        | (138)        |
| Lattice | LC5512MV      | [fpBGA256]       | (997)        |
| Lattice | LC5512MV      | [fpBGA256] (SVF) | (997)        |
| Lattice | LC5512MV      | [fpBGA256] (VME) | (997)        |
| Lattice | LC5512MV      | [fpBGA484]       | (1338)       |
| Lattice | LC5512MV      | [PQFP208]        | (994)        |
| Lattice | LC5768MB      | (ISP)            | (138)        |
| Lattice | LC5768MB      | (ISP-SVF)        | (138)        |
| Lattice | LC5768MB      | (ISP-VME)        | (138)        |
| Lattice | LC5768MB      | [fpBGA256]       | (997)        |
| Lattice | LC5768MB      | [fpBGA256] (SVF) | (997)        |
| Lattice | LC5768MB      | [fpBGA256] (VME) | (997)        |
| Lattice | LC5768MB      | [fpBGA484]       | (1338)       |
| Lattice | LC5768MC      | (ISP)            | (138)        |
| Lattice | LC5768MC      | (ISP-SVF)        | (138)        |
| Lattice | LC5768MC      | (ISP-VME)        | (138)        |
| Lattice | LC5768MC      | [fpBGA256]       | (997)        |
| Lattice | LC5768MC      | [fpBGA256] (SVF) | (997)        |
| Lattice | LC5768MC      | [fpBGA256] (VME) | (997)        |
| Lattice | LC5768MC      | [fpBGA484]       | (1338)       |
| Lattice | LC5768MV      | (ISP)            | (138)        |
| Lattice | LC5768MV      | (ISP-SVF)        | (138)        |
| Lattice | LC5768MV      | (ISP-VME)        | (138)        |
| Lattice | LC5768MV      | [fpBGA256]       | (997)        |
| Lattice | LC5768MV      | [fpBGA256] (SVF) | (997)        |
| Lattice | LC5768MV      | [fpBGA256] (VME) | (997)        |
| Lattice | LC5768MV      | [fpBGA484]       | (1338)       |
| Lattice | LC5768VG      | (ISP)            | (138)        |
| Lattice | LC5768VG      | (ISP-SVF)        | (138)        |
| Lattice | LC5768VG      | (ISP-VME)        | (138)        |
| Lattice | LC5768VG      | [fpBGA256]       | (1048)       |
| Lattice | LC5768VG      | [fpBGA484]       | (1482)       |
| Lattice | LC5768VG      | [fpBGA484] (SVF) | (1482)       |
| Lattice | LC5768VG      | [fpBGA484] (VME) | (1482)       |
| Lattice | LCMX01200C    | (ISP)            | (138)        |
| Lattice | LCMX01200C    | [caBGA256]       | (1341)       |
| Lattice | LCMX01200C    | [caBGA256] (SVF) | (1341)       |
| Lattice | LCMX01200C    | [caBGA256] (VME) | (1341)       |
| Lattice | LCMX01200C    | [csBGA132]       | (929)        |
| Lattice | LCMX01200C    | [csBGA132] (SVF) | (929)        |
| Lattice | LCMX01200C    | [csBGA132] (VME) | (929)        |
| Lattice | LCMX01200C    | [fpBGA256]       | (906)        |
| Lattice | LCMX01200C    | [fpBGA256] (SVF) | (906)        |
| Lattice | LCMX01200C    | [fpBGA256] (VME) | (906)        |
| Lattice | LCMX01200C    | [ftBGA256]       | (906)        |
| Lattice | LCMX01200C    | [ftBGA256] (SVF) | (906)        |
| Lattice | LCMX01200C    | [ftBGA256] (VME) | (906)        |
| Lattice | LCMX01200C    | [TQFP100]        | (855)        |
| Lattice | LCMX01200C    | [TQFP100] (SVF)  | (855)        |
| Lattice | LCMX01200C    | [TQFP100] (VME)  | (855)        |
| Lattice | LCMX01200C    | [TQFP144]        | (836)        |
| Lattice | LCMX01200C    | [TQFP144] (SVF)  | (836)        |
| Lattice | LCMX01200C    | [TQFP144] (VME)  | (836)        |
| Lattice | LCMX01200E    | (ISP)            | (138)        |
| Lattice | LCMX01200E    | [caBGA256]       | (1341)       |
| Lattice | LCMX01200E    | [caBGA256] (SVF) | (1341)       |
| Lattice | LCMX01200E    | [caBGA256] (VME) | (1341)       |
| Lattice | LCMX01200E    | [csBGA132]       | (929)        |
| Lattice | LCMX01200E    | [csBGA132] (SVF) | (929)        |
| Lattice | LCMX01200E    | [csBGA132] (VME) | (929)        |
| Lattice | LCMX01200E    | [fpBGA256]       | (906)        |
| Lattice | LCMX01200E    | [fpBGA256] (SVF) | (906)        |
| Lattice | LCMX01200E    | [fpBGA256] (VME) | (906)        |
| Lattice | LCMX01200E    | [ftBGA256]       | (906)        |
| Lattice | LCMX01200E    | [ftBGA256] (SVF) | (906)        |
| Lattice | LCMX01200E    | [ftBGA256] (VME) | (906)        |
| Lattice | LCMX01200E    | [TQFP100]        | (855)        |
| Lattice | LCMX01200E    | [TQFP100] (SVF)  | (855)        |
| Lattice | LCMX01200E    | [TQFP100] (VME)  | (855)        |
| Lattice | LCMX01200E    | [TQFP144]        | (836)        |
| Lattice | LCMX01200E    | [TQFP144] (SVF)  | (836)        |
| Lattice | LCMX01200E    | [TQFP144] (VME)  | (836)        |
| Lattice | LCMX02-1200HC | (ISP)            | (138) (9997) |
| Lattice | LCMX02-1200HC | [csBGA132]       | (2884)       |
| Lattice | LCMX02-1200HC | [csBGA132] (SVF) | (2884)       |
| Lattice | LCMX02-1200HC | [csBGA132] (VME) | (2884)       |
| Lattice | LCMX02-1200HC | [QFN32]          | (2872)       |
| Lattice | LCMX02-1200HC | [QFN32] (SVF)    | (2872)       |
| Lattice | LCMX02-1200HC | [QFN32] (VME)    | (2872)       |
| Lattice | LCMX02-1200HC | [TQFP100]        | (2664)       |
| Lattice | LCMX02-1200HC | [TQFP100] (SVF)  | (2664)       |
| Lattice | LCMX02-1200HC | [TQFP100] (VME)  | (2664)       |
| Lattice | LCMX02-1200HC | [TQFP144]        | (2665)       |
| Lattice | LCMX02-1200HC | [TQFP144] (SVF)  | (2665)       |
| Lattice | LCMX02-1200HC | [TQFP144] (VME)  | (2665)       |
| Lattice | LCMX02-1200HC | (ISP)            | (138) (9997) |
| Lattice | LCMX02-1200HC | [ftBGA256]       | (2708)       |
| Lattice | LCMX02-1200HC | [ftBGA256] (SVF) | (2708)       |
| Lattice | LCMX02-1200HC | [ftBGA256] (VME) | (2708)       |
| Lattice | LCMX02-1200ZE | (ISP)            | (138) (9997) |
| Lattice | LCMX02-1200ZE | [csBGA132]       | (2884)       |
| Lattice | LCMX02-1200ZE | [csBGA132] (SVF) | (2884)       |
| Lattice | LCMX02-1200ZE | [csBGA132] (VME) | (2884)       |
| Lattice | LCMX02-1200ZE | [QFN32]          | (2872)       |
| Lattice | LCMX02-1200ZE | [QFN32] (SVF)    | (2872)       |
| Lattice | LCMX02-1200ZE | [QFN32] (VME)    | (2872)       |
| Lattice | LCMX02-1200ZE | [TQFP100]        | (2664)       |
| Lattice | LCMX02-1200ZE | [TQFP100] (SVF)  | (2664)       |
| Lattice | LCMX02-1200ZE | [TQFP100] (VME)  | (2664)       |
| Lattice | LCMX02-1200ZE | [TQFP144]        | (2665)       |
| Lattice | LCMX02-1200ZE | [TQFP144] (SVF)  | (2665)       |
| Lattice | LCMX02-1200ZE | [TQFP144] (VME)  | (2665)       |
| Lattice | LCMX02-2000HC | (ISP)            | (138) (9997) |
| Lattice | LCMX02-2000HC | [caBGA256]       | (2709)       |
| Lattice | LCMX02-2000HC | [caBGA256] (SVF) | (2709)       |
| Lattice | LCMX02-2000HC | [caBGA256] (VME) | (2709)       |
| Lattice | LCMX02-2000HC | [csBGA132]       | (2884)       |

|         |                |                            |       |              |
|---------|----------------|----------------------------|-------|--------------|
| Lattice | LCMX02-2000HC  | [csBGA132]                 | (SVF) | (2884)       |
| Lattice | LCMX02-2000HC  | [csBGA132]                 | (VME) | (2884)       |
| Lattice | LCMX02-2000HC  | [ftBGA256]                 |       | (2708)       |
| Lattice | LCMX02-2000HC  | [ftBGA256]                 | (SVF) | (2708)       |
| Lattice | LCMX02-2000HC  | [ftBGA256]                 | (VME) | (2708)       |
| Lattice | LCMX02-2000HC  | [TQFP100]                  |       | (2664)       |
| Lattice | LCMX02-2000HC  | [TQFP100]                  | (SVF) | (2664)       |
| Lattice | LCMX02-2000HC  | [TQFP100]                  | (VME) | (2664)       |
| Lattice | LCMX02-2000HC  | [TQFP144]                  |       | (2665)       |
| Lattice | LCMX02-2000HC  | [TQFP144]                  | (SVF) | (2665)       |
| Lattice | LCMX02-2000HC  | [TQFP144]                  | (VME) | (2665)       |
| Lattice | LCMX02-2000HE  | (ISP)                      |       | (138) (9997) |
| Lattice | LCMX02-2000HE  | [caBGA256]                 |       | (2709)       |
| Lattice | LCMX02-2000HE  | [caBGA256]                 | (SVF) | (2709)       |
| Lattice | LCMX02-2000HE  | [caBGA256]                 | (VME) | (2709)       |
| Lattice | LCMX02-2000HE  | [csBGA132]                 |       | (2884)       |
| Lattice | LCMX02-2000HE  | [csBGA132]                 | (SVF) | (2884)       |
| Lattice | LCMX02-2000HE  | [csBGA132]                 | (VME) | (2884)       |
| Lattice | LCMX02-2000HE  | [ftBGA256]                 |       | (2708)       |
| Lattice | LCMX02-2000HE  | [ftBGA256]                 | (SVF) | (2708)       |
| Lattice | LCMX02-2000HE  | [ftBGA256]                 | (VME) | (2708)       |
| Lattice | LCMX02-2000HE  | [TQFP100]                  |       | (2664)       |
| Lattice | LCMX02-2000HE  | [TQFP100]                  | (SVF) | (2664)       |
| Lattice | LCMX02-2000HE  | [TQFP100]                  | (VME) | (2664)       |
| Lattice | LCMX02-2000HE  | [TQFP144]                  |       | (2665)       |
| Lattice | LCMX02-2000HE  | [TQFP144]                  | (SVF) | (2665)       |
| Lattice | LCMX02-2000HE  | [TQFP144]                  | (VME) | (2665)       |
| Lattice | LCMX02-2000UHC | (ISP)                      |       | (138) (9997) |
| Lattice | LCMX02-2000UHC | [fpBGA484]                 |       | (3382)       |
| Lattice | LCMX02-2000UHC | [fpBGA484]                 | (SVF) | (3382)       |
| Lattice | LCMX02-2000UHC | [fpBGA484]                 | (VME) | (3382)       |
| Lattice | LCMX02-2000UHE | (ISP)                      |       | (138) (9997) |
| Lattice | LCMX02-2000UHE | [fpBGA484]                 |       | (3382)       |
| Lattice | LCMX02-2000UHE | [fpBGA484]                 | (SVF) | (3382)       |
| Lattice | LCMX02-2000UHE | [fpBGA484]                 | (VME) | (3382)       |
| Lattice | LCMX02-2000ZE  | (ISP)                      |       | (138) (9997) |
| Lattice | LCMX02-2000ZE  | [caBGA256]                 |       | (2709)       |
| Lattice | LCMX02-2000ZE  | [caBGA256]                 | (SVF) | (2709)       |
| Lattice | LCMX02-2000ZE  | [caBGA256]                 | (VME) | (2709)       |
| Lattice | LCMX02-2000ZE  | [csBGA132]                 |       | (2884)       |
| Lattice | LCMX02-2000ZE  | [csBGA132]                 | (SVF) | (2884)       |
| Lattice | LCMX02-2000ZE  | [csBGA132]                 | (VME) | (2884)       |
| Lattice | LCMX02-2000ZE  | [ftBGA256]                 |       | (2708)       |
| Lattice | LCMX02-2000ZE  | [ftBGA256]                 | (SVF) | (2708)       |
| Lattice | LCMX02-2000ZE  | [ftBGA256]                 | (VME) | (2708)       |
| Lattice | LCMX02-2000ZE  | [TQFP100]                  |       | (2664)       |
| Lattice | LCMX02-2000ZE  | [TQFP100]                  | (SVF) | (2664)       |
| Lattice | LCMX02-2000ZE  | [TQFP100]                  | (VME) | (2664)       |
| Lattice | LCMX02-2000ZE  | [TQFP144]                  |       | (2665)       |
| Lattice | LCMX02-2000ZE  | [TQFP144]                  | (SVF) | (2665)       |
| Lattice | LCMX02-2000ZE  | [TQFP144]                  | (VME) | (2665)       |
| Lattice | LCMX02-256HC   | (ISP)                      |       | (138) (9997) |
| Lattice | LCMX02-256HC   | [csBGA132]                 |       | (2884)       |
| Lattice | LCMX02-256HC   | [csBGA132]                 | (SVF) | (2884)       |
| Lattice | LCMX02-256HC   | [csBGA132]                 | (VME) | (2884)       |
| Lattice | LCMX02-256HC   | [QFN32]                    |       | (2872)       |
| Lattice | LCMX02-256HC   | [QFN32]                    | (SVF) | (2872)       |
| Lattice | LCMX02-256HC   | [QFN32]                    | (VME) | (2872)       |
| Lattice | LCMX02-256HC   | [QFN48]                    |       | (4645)       |
| Lattice | LCMX02-256HC   | [QFN48]                    | (SVF) | (4645)       |
| Lattice | LCMX02-256HC   | [QFN48]                    | (VME) | (4645)       |
| Lattice | LCMX02-256HC   | [TQFP100]                  |       | (2664)       |
| Lattice | LCMX02-256HC   | [TQFP100]                  | (SVF) | (2664)       |
| Lattice | LCMX02-256HC   | [TQFP100]                  | (VME) | (2664)       |
| Lattice | LCMX02-256ZE   | (ISP)                      |       | (138) (9997) |
| Lattice | LCMX02-256ZE   | (ISP-JTAG chain)           |       | (138) (9997) |
| Lattice | LCMX02-256ZE   | (ISP-JTAG chain)(Custom 1) |       | (138) (9997) |
| Lattice | LCMX02-256ZE   | [csBGA132]                 |       | (2884)       |
| Lattice | LCMX02-256ZE   | [csBGA132]                 | (SVF) | (2884)       |
| Lattice | LCMX02-256ZE   | [csBGA132]                 | (VME) | (2884)       |
| Lattice | LCMX02-256ZE   | [QFN32]                    |       | (2872)       |
| Lattice | LCMX02-256ZE   | [QFN32]                    | (SVF) | (2872)       |
| Lattice | LCMX02-256ZE   | [QFN32]                    | (VME) | (2872)       |
| Lattice | LCMX02-256ZE   | [TQFP100]                  |       | (2664)       |
| Lattice | LCMX02-256ZE   | [TQFP100]                  | (SVF) | (2664)       |
| Lattice | LCMX02-256ZE   | [TQFP100]                  | (VME) | (2664)       |
| Lattice | LCMX02280C     | (ISP)                      |       | (138)        |
| Lattice | LCMX02280C     | [caBGA256]                 |       | (1341)       |
| Lattice | LCMX02280C     | [caBGA256]                 | (SVF) | (1341)       |
| Lattice | LCMX02280C     | [caBGA256]                 | (VME) | (1341)       |
| Lattice | LCMX02280C     | [csBGA132]                 |       | (929)        |
| Lattice | LCMX02280C     | [csBGA132]                 | (SVF) | (929)        |
| Lattice | LCMX02280C     | [csBGA132]                 | (VME) | (929)        |
| Lattice | LCMX02280C     | [fpBGA256]                 |       | (906)        |
| Lattice | LCMX02280C     | [fpBGA256]                 | (SVF) | (906)        |
| Lattice | LCMX02280C     | [fpBGA256]                 | (VME) | (906)        |
| Lattice | LCMX02280C     | [ftBGA256]                 |       | (906)        |
| Lattice | LCMX02280C     | [ftBGA256]                 | (SVF) | (906)        |
| Lattice | LCMX02280C     | [ftBGA256]                 | (VME) | (906)        |
| Lattice | LCMX02280C     | [ftBGA324]                 |       | (1492)       |
| Lattice | LCMX02280C     | [ftBGA324]                 | (SVF) | (1492)       |
| Lattice | LCMX02280C     | [ftBGA324]                 | (VME) | (1492)       |
| Lattice | LCMX02280C     | [TQFP100]                  |       | (855)        |
| Lattice | LCMX02280C     | [TQFP100]                  | (SVF) | (855)        |
| Lattice | LCMX02280C     | [TQFP100]                  | (VME) | (855)        |
| Lattice | LCMX02280C     | [TQFP144]                  |       | (836)        |
| Lattice | LCMX02280C     | [TQFP144]                  | (SVF) | (836)        |
| Lattice | LCMX02280C     | [TQFP144]                  | (VME) | (836)        |
| Lattice | LCMX02280E     | (ISP)                      |       | (138)        |
| Lattice | LCMX02280E     | [caBGA256]                 |       | (1341)       |
| Lattice | LCMX02280E     | [caBGA256]                 | (SVF) | (1341)       |
| Lattice | LCMX02280E     | [caBGA256]                 | (VME) | (1341)       |
| Lattice | LCMX02280E     | [csBGA132]                 |       | (929)        |
| Lattice | LCMX02280E     | [csBGA132]                 | (SVF) | (929)        |
| Lattice | LCMX02280E     | [csBGA132]                 | (VME) | (929)        |
| Lattice | LCMX02280E     | [fpBGA256]                 |       | (906)        |
| Lattice | LCMX02280E     | [fpBGA256]                 | (SVF) | (906)        |
| Lattice | LCMX02280E     | [fpBGA256]                 | (VME) | (906)        |
| Lattice | LCMX02280E     | [ftBGA256]                 |       | (906)        |
| Lattice | LCMX02280E     | [ftBGA256]                 | (SVF) | (906)        |
| Lattice | LCMX02280E     | [ftBGA256]                 | (VME) | (906)        |
| Lattice | LCMX02280E     | [ftBGA324]                 |       | (1492)       |
| Lattice | LCMX02280E     | [ftBGA324]                 | (SVF) | (1492)       |
| Lattice | LCMX02280E     | [ftBGA324]                 | (VME) | (1492)       |
| Lattice | LCMX02280E     | [TQFP100]                  |       | (855)        |
| Lattice | LCMX02280E     | [TQFP100]                  | (SVF) | (855)        |
| Lattice | LCMX02280E     | [TQFP100]                  | (VME) | (855)        |
| Lattice | LCMX02280E     | [TQFP144]                  |       | (836)        |
| Lattice | LCMX02280E     | [TQFP144]                  | (SVF) | (836)        |
| Lattice | LCMX02280E     | [TQFP144]                  | (VME) | (836)        |
| Lattice | LCMX02-4000HC  | (ISP)                      |       | (138) (9997) |
| Lattice | LCMX02-4000HC  | [caBGA256]                 |       | (2709)       |
| Lattice | LCMX02-4000HC  | [caBGA256]                 | (SVF) | (2709)       |
| Lattice | LCMX02-4000HC  | [caBGA256]                 | (VME) | (2709)       |
| Lattice | LCMX02-4000HC  | [caBGA332]                 |       | (2931)       |
| Lattice | LCMX02-4000HC  | [caBGA332]                 | (SVF) | (2931)       |
| Lattice | LCMX02-4000HC  | [caBGA332]                 | (VME) | (2931)       |
| Lattice | LCMX02-4000HC  | [csBGA132]                 |       | (2884)       |

|         |               |            |       |              |
|---------|---------------|------------|-------|--------------|
| Lattice | LCMX02-4000HC | [csBGA132] | (SVF) | (2884)       |
| Lattice | LCMX02-4000HC | [csBGA132] | (VME) | (2884)       |
| Lattice | LCMX02-4000HC | [fpBGA484] |       | (3382)       |
| Lattice | LCMX02-4000HC | [fpBGA484] | (SVF) | (3382)       |
| Lattice | LCMX02-4000HC | [fpBGA484] | (VME) | (3382)       |
| Lattice | LCMX02-4000HC | [ftBGA256] |       | (2708)       |
| Lattice | LCMX02-4000HC | [ftBGA256] | (SVF) | (2708)       |
| Lattice | LCMX02-4000HC | [ftBGA256] | (VME) | (2708)       |
| Lattice | LCMX02-4000HC | [TQFP144]  |       | (2665)       |
| Lattice | LCMX02-4000HC | [TQFP144]  | (SVF) | (2665)       |
| Lattice | LCMX02-4000HC | [TQFP144]  | (VME) | (2665)       |
| Lattice | LCMX02-4000HE | (ISP)      |       | (138) (9997) |
| Lattice | LCMX02-4000HE | [caBGA256] |       | (2709)       |
| Lattice | LCMX02-4000HE | [caBGA256] | (SVF) | (2709)       |
| Lattice | LCMX02-4000HE | [caBGA256] | (VME) | (2709)       |
| Lattice | LCMX02-4000HE | [caBGA332] |       | (2931)       |
| Lattice | LCMX02-4000HE | [caBGA332] | (SVF) | (2931)       |
| Lattice | LCMX02-4000HE | [caBGA332] | (VME) | (2931)       |
| Lattice | LCMX02-4000HE | [csBGA132] |       | (2884)       |
| Lattice | LCMX02-4000HE | [csBGA132] | (SVF) | (2884)       |
| Lattice | LCMX02-4000HE | [csBGA132] | (VME) | (2884)       |
| Lattice | LCMX02-4000HE | [fpBGA484] |       | (3382)       |
| Lattice | LCMX02-4000HE | [fpBGA484] | (SVF) | (3382)       |
| Lattice | LCMX02-4000HE | [fpBGA484] | (VME) | (3382)       |
| Lattice | LCMX02-4000HE | [ftBGA256] |       | (2708)       |
| Lattice | LCMX02-4000HE | [ftBGA256] | (SVF) | (2708)       |
| Lattice | LCMX02-4000HE | [ftBGA256] | (VME) | (2708)       |
| Lattice | LCMX02-4000HE | [TQFP144]  |       | (2665)       |
| Lattice | LCMX02-4000HE | [TQFP144]  | (SVF) | (2665)       |
| Lattice | LCMX02-4000HE | [TQFP144]  | (VME) | (2665)       |
| Lattice | LCMX02-4000ZE | (ISP)      |       | (138) (9997) |
| Lattice | LCMX02-4000ZE | [caBGA256] |       | (2709)       |
| Lattice | LCMX02-4000ZE | [caBGA256] | (SVF) | (2709)       |
| Lattice | LCMX02-4000ZE | [caBGA256] | (VME) | (2709)       |
| Lattice | LCMX02-4000ZE | [caBGA332] |       | (2931)       |
| Lattice | LCMX02-4000ZE | [caBGA332] | (SVF) | (2931)       |
| Lattice | LCMX02-4000ZE | [caBGA332] | (VME) | (2931)       |
| Lattice | LCMX02-4000ZE | [csBGA132] |       | (2884)       |
| Lattice | LCMX02-4000ZE | [csBGA132] | (SVF) | (2884)       |
| Lattice | LCMX02-4000ZE | [csBGA132] | (VME) | (2884)       |
| Lattice | LCMX02-4000ZE | [fpBGA484] |       | (3382)       |
| Lattice | LCMX02-4000ZE | [fpBGA484] | (SVF) | (3382)       |
| Lattice | LCMX02-4000ZE | [fpBGA484] | (VME) | (3382)       |
| Lattice | LCMX02-4000ZE | [ftBGA256] |       | (2708)       |
| Lattice | LCMX02-4000ZE | [ftBGA256] | (SVF) | (2708)       |
| Lattice | LCMX02-4000ZE | [ftBGA256] | (VME) | (2708)       |
| Lattice | LCMX02-4000ZE | [TQFP144]  |       | (2665)       |
| Lattice | LCMX02-4000ZE | [TQFP144]  | (SVF) | (2665)       |
| Lattice | LCMX02-4000ZE | [TQFP144]  | (VME) | (2665)       |
| Lattice | LCMX0256C     | (ISP)      |       | (138)        |
| Lattice | LCMX0256C     | [csBGA100] |       | (928)        |
| Lattice | LCMX0256C     | [csBGA100] | (SVF) | (928)        |
| Lattice | LCMX0256C     | [csBGA100] | (VME) | (928)        |
| Lattice | LCMX0256C     | [TQFP100]  |       | (854)        |
| Lattice | LCMX0256C     | [TQFP100]  | (SVF) | (854)        |
| Lattice | LCMX0256C     | [TQFP100]  | (VME) | (854)        |
| Lattice | LCMX0256E     | (ISP)      |       | (138)        |
| Lattice | LCMX0256E     | [csBGA100] |       | (928)        |
| Lattice | LCMX0256E     | [csBGA100] | (SVF) | (928)        |
| Lattice | LCMX0256E     | [csBGA100] | (VME) | (928)        |
| Lattice | LCMX0256E     | [TQFP100]  |       | (854)        |
| Lattice | LCMX0256E     | [TQFP100]  | (SVF) | (854)        |
| Lattice | LCMX0256E     | [TQFP100]  | (VME) | (854)        |
| Lattice | LCMX02-640HC  | (ISP)      |       | (138) (9997) |
| Lattice | LCMX02-640HC  | [csBGA132] |       | (2884)       |
| Lattice | LCMX02-640HC  | [csBGA132] | (SVF) | (2884)       |
| Lattice | LCMX02-640HC  | [csBGA132] | (VME) | (2884)       |
| Lattice | LCMX02-640HC  | [QFN48]    |       | (4645)       |
| Lattice | LCMX02-640HC  | [QFN48]    | (SVF) | (4645)       |
| Lattice | LCMX02-640HC  | [QFN48]    | (VME) | (4645)       |
| Lattice | LCMX02-640HC  | [TQFP100]  |       | (2664)       |
| Lattice | LCMX02-640HC  | [TQFP100]  | (SVF) | (2664)       |
| Lattice | LCMX02-640HC  | [TQFP100]  | (VME) | (2664)       |
| Lattice | LCMX02-640UHC | (ISP)      |       | (138) (9997) |
| Lattice | LCMX02-640UHC | [TQFP144]  |       | (2665)       |
| Lattice | LCMX02-640UHC | [TQFP144]  | (SVF) | (2665)       |
| Lattice | LCMX02-640UHC | [TQFP144]  | (VME) | (2665)       |
| Lattice | LCMX02-640ZE  | (ISP)      |       | (138) (9997) |
| Lattice | LCMX02-640ZE  | [csBGA132] |       | (2884)       |
| Lattice | LCMX02-640ZE  | [csBGA132] | (SVF) | (2884)       |
| Lattice | LCMX02-640ZE  | [csBGA132] | (VME) | (2884)       |
| Lattice | LCMX02-640ZE  | [TQFP100]  |       | (2664)       |
| Lattice | LCMX02-640ZE  | [TQFP100]  | (SVF) | (2664)       |
| Lattice | LCMX02-640ZE  | [TQFP100]  | (VME) | (2664)       |
| Lattice | LCMX02-7000HC | (ISP)      |       | (138) (9997) |
| Lattice | LCMX02-7000HC | [caBGA256] |       | (2709)       |
| Lattice | LCMX02-7000HC | [caBGA256] | (SVF) | (2709)       |
| Lattice | LCMX02-7000HC | [caBGA256] | (VME) | (2709)       |
| Lattice | LCMX02-7000HC | [caBGA332] |       | (2931)       |
| Lattice | LCMX02-7000HC | [caBGA332] | (SVF) | (2931)       |
| Lattice | LCMX02-7000HC | [caBGA332] | (VME) | (2931)       |
| Lattice | LCMX02-7000HC | [fpBGA484] |       | (3382)       |
| Lattice | LCMX02-7000HC | [fpBGA484] | (SVF) | (3382)       |
| Lattice | LCMX02-7000HC | [fpBGA484] | (VME) | (3382)       |
| Lattice | LCMX02-7000HC | [ftBGA256] |       | (2708)       |
| Lattice | LCMX02-7000HC | [ftBGA256] | (SVF) | (2708)       |
| Lattice | LCMX02-7000HC | [ftBGA256] | (VME) | (2708)       |
| Lattice | LCMX02-7000HC | [TQFP144]  |       | (2665)       |
| Lattice | LCMX02-7000HC | [TQFP144]  | (SVF) | (2665)       |
| Lattice | LCMX02-7000HC | [TQFP144]  | (VME) | (2665)       |
| Lattice | LCMX02-7000HE | (ISP)      |       | (138) (9997) |
| Lattice | LCMX02-7000HE | [caBGA256] |       | (2709)       |
| Lattice | LCMX02-7000HE | [caBGA256] | (SVF) | (2709)       |
| Lattice | LCMX02-7000HE | [caBGA256] | (VME) | (2709)       |
| Lattice | LCMX02-7000HE | [caBGA332] |       | (2931)       |
| Lattice | LCMX02-7000HE | [caBGA332] | (SVF) | (2931)       |
| Lattice | LCMX02-7000HE | [caBGA332] | (VME) | (2931)       |
| Lattice | LCMX02-7000HE | [fpBGA484] |       | (3382)       |
| Lattice | LCMX02-7000HE | [fpBGA484] | (SVF) | (3382)       |
| Lattice | LCMX02-7000HE | [fpBGA484] | (VME) | (3382)       |
| Lattice | LCMX02-7000HE | [ftBGA256] |       | (2708)       |
| Lattice | LCMX02-7000HE | [ftBGA256] | (SVF) | (2708)       |
| Lattice | LCMX02-7000HE | [ftBGA256] | (VME) | (2708)       |
| Lattice | LCMX02-7000HE | [TQFP144]  |       | (2665)       |
| Lattice | LCMX02-7000HE | [TQFP144]  | (SVF) | (2665)       |
| Lattice | LCMX02-7000HE | [TQFP144]  | (VME) | (2665)       |
| Lattice | LCMX02-7000ZE | (ISP)      |       | (138) (9997) |
| Lattice | LCMX02-7000ZE | [caBGA256] |       | (2709)       |
| Lattice | LCMX02-7000ZE | [caBGA256] | (SVF) | (2709)       |
| Lattice | LCMX02-7000ZE | [caBGA256] | (VME) | (2709)       |
| Lattice | LCMX02-7000ZE | [caBGA332] |       | (2931)       |
| Lattice | LCMX02-7000ZE | [caBGA332] | (SVF) | (2931)       |
| Lattice | LCMX02-7000ZE | [caBGA332] | (VME) | (2931)       |
| Lattice | LCMX02-7000ZE | [fpBGA484] |       | (3382)       |
| Lattice | LCMX02-7000ZE | [fpBGA484] | (SVF) | (3382)       |
| Lattice | LCMX02-7000ZE | [fpBGA484] | (VME) | (3382)       |
| Lattice | LCMX02-7000ZE | [ftBGA256] |       | (2708)       |
| Lattice | LCMX02-7000ZE | [ftBGA256] | (SVF) | (2708)       |

|         |                |                   |              |
|---------|----------------|-------------------|--------------|
| Lattice | LCMX02-7000ZE  | [ftBGA256] (VME)  | (2708)       |
| Lattice | LCMX02-7000ZE  | [TQFP144]         | (2665)       |
| Lattice | LCMX02-7000ZE  | [TQFP144] (SVF)   | (2665)       |
| Lattice | LCMX02-7000ZE  | [TQFP144] (VME)   | (2665)       |
| Lattice | LCMX03L-1300C  | [caBGA256]        | (3564)       |
| Lattice | LCMX03L-1300C  | [caBGA256] (SVF)  | (3564)       |
| Lattice | LCMX03L-1300C  | [caBGA256] (VME)  | (3564)       |
| Lattice | LCMX03L-1300E  | (ISP-SVF)         | (138) (9997) |
| Lattice | LCMX03L-1300E  | (ISP-VME)         | (138) (9997) |
| Lattice | LCMX03L-1300E  | [csfBGA121]       | (3669)       |
| Lattice | LCMX03L-1300E  | [csfBGA121] (SVF) | (3669)       |
| Lattice | LCMX03L-1300E  | [csfBGA121] (VME) | (3669)       |
| Lattice | LCMX03L-1300E  | WLCSP36]          | (3828)       |
| Lattice | LCMX03L-1300E  | WLCSP36] (ISP)    | (138) (9997) |
| Lattice | LCMX03L-1300E  | WLCSP36] (SVF)    | (3828)       |
| Lattice | LCMX03L-1300E  | WLCSP36] (VME)    | (3828)       |
| Lattice | LCMX03L-2100C  | [caBGA256]        | (3564)       |
| Lattice | LCMX03L-2100C  | [caBGA256] (SVF)  | (3564)       |
| Lattice | LCMX03L-2100C  | [caBGA256] (VME)  | (3564)       |
| Lattice | LCMX03L-2100C  | [caBGA324]        | (3930)       |
| Lattice | LCMX03L-2100C  | [caBGA324] (SVF)  | (3930)       |
| Lattice | LCMX03L-2100C  | [caBGA324] (VME)  | (3930)       |
| Lattice | LCMX03L-2100E  | [csfBGA121]       | (3669)       |
| Lattice | LCMX03L-2100E  | [csfBGA121] (SVF) | (3669)       |
| Lattice | LCMX03L-2100E  | [csfBGA121] (VME) | (3669)       |
| Lattice | LCMX03L-2100E  | WLCSP49]          | (4513)       |
| Lattice | LCMX03L-2100E  | WLCSP49] (SVF)    | (4513)       |
| Lattice | LCMX03L-2100E  | WLCSP49] (VME)    | (4513)       |
| Lattice | LCMX03L-4300C  | [caBGA256]        | (3564)       |
| Lattice | LCMX03L-4300C  | [caBGA256] (SVF)  | (3564)       |
| Lattice | LCMX03L-4300C  | [caBGA256] (VME)  | (3564)       |
| Lattice | LCMX03L-4300C  | [caBGA324]        | (3930)       |
| Lattice | LCMX03L-4300C  | [caBGA324] (SVF)  | (3930)       |
| Lattice | LCMX03L-4300C  | [caBGA324] (VME)  | (3930)       |
| Lattice | LCMX03L-4300C  | [caBGA400]        | (3745)       |
| Lattice | LCMX03L-4300C  | [caBGA400] (SVF)  | (3745)       |
| Lattice | LCMX03L-4300C  | [caBGA400] (VME)  | (3745)       |
| Lattice | LCMX03L-4300E  | [csfBGA121]       | (3669)       |
| Lattice | LCMX03L-4300E  | [csfBGA121] (SVF) | (3669)       |
| Lattice | LCMX03L-4300E  | [csfBGA121] (VME) | (3669)       |
| Lattice | LCMX03L-640E   | [csfBGA121]       | (3669)       |
| Lattice | LCMX03L-640E   | [csfBGA121] (SVF) | (3669)       |
| Lattice | LCMX03L-640E   | [csfBGA121] (VME) | (3669)       |
| Lattice | LCMX03L-6900C  | [caBGA256]        | (3564)       |
| Lattice | LCMX03L-6900C  | [caBGA256] (SVF)  | (3564)       |
| Lattice | LCMX03L-6900C  | [caBGA256] (VME)  | (3564)       |
| Lattice | LCMX03L-6900C  | [caBGA324]        | (3930)       |
| Lattice | LCMX03L-6900C  | [caBGA324] (SVF)  | (3930)       |
| Lattice | LCMX03L-6900C  | [caBGA324] (VME)  | (3930)       |
| Lattice | LCMX03L-6900C  | [caBGA400]        | (3745)       |
| Lattice | LCMX03L-6900C  | [caBGA400] (SVF)  | (3745)       |
| Lattice | LCMX03L-6900C  | [caBGA400] (VME)  | (3745)       |
| Lattice | LCMX03L-9400C  | [caBGA256]        | (3564)       |
| Lattice | LCMX03L-9400C  | [caBGA256] (SVF)  | (3564)       |
| Lattice | LCMX03L-9400C  | [caBGA256] (VME)  | (3564)       |
| Lattice | LCMX03L-9400C  | [caBGA400]        | (3745)       |
| Lattice | LCMX03L-9400C  | [caBGA400] (SVF)  | (3745)       |
| Lattice | LCMX03L-9400C  | [caBGA400] (VME)  | (3745)       |
| Lattice | LCMX03L-9400E  | [caBGA256]        | (3564)       |
| Lattice | LCMX03L-9400E  | [caBGA256] (SVF)  | (3564)       |
| Lattice | LCMX03L-9400E  | [caBGA256] (VME)  | (3564)       |
| Lattice | LCMX03LF-1300C | [caBGA256]        | (3564)       |
| Lattice | LCMX03LF-1300C | [caBGA256] (SVF)  | (3564)       |
| Lattice | LCMX03LF-1300C | [caBGA256] (VME)  | (3564)       |
| Lattice | LCMX03LF-1300E | [csfBGA121]       | (3669)       |
| Lattice | LCMX03LF-1300E | [csfBGA121] (SVF) | (3669)       |
| Lattice | LCMX03LF-1300E | [csfBGA121] (VME) | (3669)       |
| Lattice | LCMX03LF-1300E | WLCSP36]          | (3828)       |
| Lattice | LCMX03LF-1300E | WLCSP36] (SVF)    | (3828)       |
| Lattice | LCMX03LF-1300E | WLCSP36] (VME)    | (3828)       |
| Lattice | LCMX03LF-2100C | [caBGA256]        | (3564)       |
| Lattice | LCMX03LF-2100C | [caBGA256] (SVF)  | (3564)       |
| Lattice | LCMX03LF-2100C | [caBGA256] (VME)  | (3564)       |
| Lattice | LCMX03LF-2100C | [caBGA324]        | (3930)       |
| Lattice | LCMX03LF-2100C | [caBGA324] (SVF)  | (3930)       |
| Lattice | LCMX03LF-2100C | [caBGA324] (VME)  | (3930)       |
| Lattice | LCMX03LF-2100E | [csfBGA121]       | (3669)       |
| Lattice | LCMX03LF-2100E | [csfBGA121] (SVF) | (3669)       |
| Lattice | LCMX03LF-2100E | [csfBGA121] (VME) | (3669)       |
| Lattice | LCMX03LF-2100E | WLCSP49]          | (4513)       |
| Lattice | LCMX03LF-2100E | WLCSP49] (SVF)    | (4513)       |
| Lattice | LCMX03LF-2100E | WLCSP49] (VME)    | (4513)       |
| Lattice | LCMX03LF-4300C | [caBGA256]        | (3564)       |
| Lattice | LCMX03LF-4300C | [caBGA256] (SVF)  | (3564)       |
| Lattice | LCMX03LF-4300C | [caBGA256] (VME)  | (3564)       |
| Lattice | LCMX03LF-4300C | [caBGA324]        | (3930)       |
| Lattice | LCMX03LF-4300C | [caBGA324] (SVF)  | (3930)       |
| Lattice | LCMX03LF-4300C | [caBGA324] (VME)  | (3930)       |
| Lattice | LCMX03LF-4300C | [caBGA400]        | (3745)       |
| Lattice | LCMX03LF-4300C | [caBGA400] (SVF)  | (3745)       |
| Lattice | LCMX03LF-4300C | [caBGA400] (VME)  | (3745)       |
| Lattice | LCMX03LF-4300E | [csfBGA121]       | (3669)       |
| Lattice | LCMX03LF-4300E | [csfBGA121] (SVF) | (3669)       |
| Lattice | LCMX03LF-4300E | [csfBGA121] (VME) | (3669)       |
| Lattice | LCMX03LF-640E  | [csfBGA121]       | (3669)       |
| Lattice | LCMX03LF-640E  | [csfBGA121] (SVF) | (3669)       |
| Lattice | LCMX03LF-640E  | [csfBGA121] (VME) | (3669)       |
| Lattice | LCMX03LF-6900C | [caBGA256]        | (3564)       |
| Lattice | LCMX03LF-6900C | [caBGA256] (SVF)  | (3564)       |
| Lattice | LCMX03LF-6900C | [caBGA256] (VME)  | (3564)       |
| Lattice | LCMX03LF-6900C | [caBGA324]        | (3930)       |
| Lattice | LCMX03LF-6900C | [caBGA324] (SVF)  | (3930)       |
| Lattice | LCMX03LF-6900C | [caBGA324] (VME)  | (3930)       |
| Lattice | LCMX03LF-6900C | [caBGA400]        | (3745)       |
| Lattice | LCMX03LF-6900C | [caBGA400] (SVF)  | (3745)       |
| Lattice | LCMX03LF-6900C | [caBGA400] (VME)  | (3745)       |
| Lattice | LCMX03LF-9400C | [caBGA256]        | (3564)       |
| Lattice | LCMX03LF-9400C | [caBGA256] (SVF)  | (3564)       |
| Lattice | LCMX03LF-9400C | [caBGA256] (VME)  | (3564)       |
| Lattice | LCMX03LF-9400C | [caBGA400]        | (3745)       |
| Lattice | LCMX03LF-9400C | [caBGA400] (SVF)  | (3745)       |
| Lattice | LCMX03LF-9400C | [caBGA400] (VME)  | (3745)       |
| Lattice | LCMX03LF-9400E | [caBGA256]        | (3564)       |
| Lattice | LCMX03LF-9400E | [caBGA256] (SVF)  | (3564)       |
| Lattice | LCMX03LF-9400E | [caBGA256] (VME)  | (3564)       |
| Lattice | LCMX0640C      | (ISP)             | (138)        |
| Lattice | LCMX0640C      | [caBGA256]        | (1341)       |
| Lattice | LCMX0640C      | [caBGA256] (SVF)  | (1341)       |
| Lattice | LCMX0640C      | [caBGA256] (VME)  | (1341)       |
| Lattice | LCMX0640C      | [csBGA100]        | (928)        |
| Lattice | LCMX0640C      | [csBGA100] (SVF)  | (928)        |
| Lattice | LCMX0640C      | [csBGA100] (VME)  | (928)        |
| Lattice | LCMX0640C      | [csBGA132]        | (929)        |
| Lattice | LCMX0640C      | [csBGA132] (SVF)  | (929)        |
| Lattice | LCMX0640C      | [csBGA132] (VME)  | (929)        |
| Lattice | LCMX0640C      | [fpBGA256]        | (906)        |
| Lattice | LCMX0640C      | [fpBGA256] (SVF)  | (906)        |
| Lattice | LCMX0640C      | [fpBGA256] (VME)  | (906)        |

|         |           |                  |        |
|---------|-----------|------------------|--------|
| Lattice | LCMX0640C | [ftBGA256]       | (906)  |
| Lattice | LCMX0640C | [ftBGA256] (SVF) | (906)  |
| Lattice | LCMX0640C | [ftBGA256] (VME) | (906)  |
| Lattice | LCMX0640C | [TQFP100]        | (854)  |
| Lattice | LCMX0640C | [TQFP100] (SVF)  | (854)  |
| Lattice | LCMX0640C | [TQFP100] (VME)  | (854)  |
| Lattice | LCMX0640C | [TQFP144]        | (836)  |
| Lattice | LCMX0640C | [TQFP144] (SVF)  | (836)  |
| Lattice | LCMX0640C | [TQFP144] (VME)  | (836)  |
| Lattice | LCMX0640E | (ISP)            | (138)  |
| Lattice | LCMX0640E | [caBGA256]       | (1341) |
| Lattice | LCMX0640E | [caBGA256] (SVF) | (1341) |
| Lattice | LCMX0640E | [caBGA256] (VME) | (1341) |
| Lattice | LCMX0640E | [csBGA100]       | (928)  |
| Lattice | LCMX0640E | [csBGA100] (SVF) | (928)  |
| Lattice | LCMX0640E | [csBGA100] (VME) | (928)  |
| Lattice | LCMX0640E | [csBGA132]       | (929)  |
| Lattice | LCMX0640E | [csBGA132] (SVF) | (929)  |
| Lattice | LCMX0640E | [csBGA132] (VME) | (929)  |
| Lattice | LCMX0640E | [fpBGA256]       | (906)  |
| Lattice | LCMX0640E | [fpBGA256] (SVF) | (906)  |
| Lattice | LCMX0640E | [fpBGA256] (VME) | (906)  |
| Lattice | LCMX0640E | [ftBGA256]       | (906)  |
| Lattice | LCMX0640E | [ftBGA256] (SVF) | (906)  |
| Lattice | LCMX0640E | [ftBGA256] (VME) | (906)  |
| Lattice | LCMX0640E | [TQFP100]        | (854)  |
| Lattice | LCMX0640E | [TQFP100] (SVF)  | (854)  |
| Lattice | LCMX0640E | [TQFP100] (VME)  | (854)  |
| Lattice | LCMX0640E | [TQFP144]        | (836)  |
| Lattice | LCMX0640E | [TQFP144] (SVF)  | (836)  |
| Lattice | LCMX0640E | [TQFP144] (VME)  | (836)  |
| Lattice | LFE2-12SE | [fpBGA256]       | (4303) |
| Lattice | LFE2-20SE | [fpBGA256]       | (4303) |
| Lattice | LFE2-6SE  | [fpBGA256]       | (4303) |
| Lattice | LFX1200B  | (ISP)            | (138)  |
| Lattice | LFX1200C  | (ISP)            | (138)  |
| Lattice | LFX1200EB | (ISP)            | (138)  |
| Lattice | LFX1200EC | (ISP)            | (138)  |
| Lattice | LFX125B   | (ISP)            | (138)  |
| Lattice | LFX125B   | [fpBGA256]       | (996)  |
| Lattice | LFX125B   | [fpBGA256] (SVF) | (996)  |
| Lattice | LFX125B   | [fpBGA256] (VME) | (996)  |
| Lattice | LFX125C   | (ISP)            | (138)  |
| Lattice | LFX125C   | [fpBGA256]       | (996)  |
| Lattice | LFX125C   | [fpBGA256] (SVF) | (996)  |
| Lattice | LFX125C   | [fpBGA256] (VME) | (996)  |
| Lattice | LFX125EB  | (ISP)            | (138)  |
| Lattice | LFX125EB  | [fpBGA256]       | (996)  |
| Lattice | LFX125EB  | [fpBGA256] (SVF) | (996)  |
| Lattice | LFX125EB  | [fpBGA256] (VME) | (996)  |
| Lattice | LFX125EC  | (ISP)            | (138)  |
| Lattice | LFX125EC  | [fpBGA256]       | (996)  |
| Lattice | LFX125EC  | [fpBGA256] (SVF) | (996)  |
| Lattice | LFX125EC  | [fpBGA256] (VME) | (996)  |
| Lattice | LFX200B   | (ISP)            | (138)  |
| Lattice | LFX200B   | [fpBGA256]       | (996)  |
| Lattice | LFX200B   | [fpBGA256] (SVF) | (996)  |
| Lattice | LFX200B   | [fpBGA256] (VME) | (996)  |
| Lattice | LFX200C   | (ISP)            | (138)  |
| Lattice | LFX200C   | [fpBGA256]       | (996)  |
| Lattice | LFX200C   | [fpBGA256] (SVF) | (996)  |
| Lattice | LFX200C   | [fpBGA256] (VME) | (996)  |
| Lattice | LFX200EB  | (ISP)            | (138)  |
| Lattice | LFX200EB  | [fpBGA256]       | (996)  |
| Lattice | LFX200EB  | [fpBGA256] (SVF) | (996)  |
| Lattice | LFX200EB  | [fpBGA256] (VME) | (996)  |
| Lattice | LFX200EC  | (ISP)            | (138)  |
| Lattice | LFX200EC  | [fpBGA256]       | (996)  |
| Lattice | LFX200EC  | [fpBGA256] (SVF) | (996)  |
| Lattice | LFX200EC  | [fpBGA256] (VME) | (996)  |
| Lattice | LFX500B   | (ISP)            | (138)  |
| Lattice | LFX500C   | (ISP)            | (138)  |
| Lattice | LFX500EB  | (ISP)            | (138)  |
| Lattice | LFX500EC  | (ISP)            | (138)  |
| Lattice | LFXP10C   | (ISP)            | (138)  |
| Lattice | LFXP10C   | [fpBGA256]       | (907)  |
| Lattice | LFXP10C   | [fpBGA388]       | (1479) |
| Lattice | LFXP10E   | (ISP)            | (138)  |
| Lattice | LFXP10E   | [fpBGA256]       | (907)  |
| Lattice | LFXP10E   | [fpBGA388]       | (1479) |
| Lattice | LFXP15C   | (ISP)            | (138)  |
| Lattice | LFXP15C   | [fpBGA256]       | (907)  |
| Lattice | LFXP15C   | [fpBGA388]       | (1479) |
| Lattice | LFXP15C   | [fpBGA484]       | (1480) |
| Lattice | LFXP15E   | (ISP)            | (138)  |
| Lattice | LFXP15E   | [fpBGA256]       | (907)  |
| Lattice | LFXP15E   | [fpBGA388]       | (1479) |
| Lattice | LFXP15E   | [fpBGA484]       | (1480) |
| Lattice | LFXP20C   | (ISP)            | (138)  |
| Lattice | LFXP20C   | [fpBGA256]       | (907)  |
| Lattice | LFXP20C   | [fpBGA388]       | (1479) |
| Lattice | LFXP20C   | [fpBGA484]       | (1480) |
| Lattice | LFXP20E   | (ISP)            | (138)  |
| Lattice | LFXP20E   | [fpBGA256]       | (907)  |
| Lattice | LFXP20E   | [fpBGA388]       | (1479) |
| Lattice | LFXP20E   | [fpBGA484]       | (1480) |
| Lattice | LFXP2-17E | (ISP)            | (138)  |
| Lattice | LFXP2-17E | (ISP-SVF)        | (138)  |
| Lattice | LFXP2-17E | (ISP-VME)        | (138)  |
| Lattice | LFXP2-17E | [fpBGA484]       | (1483) |
| Lattice | LFXP2-17E | [fpBGA484] (SVF) | (1483) |
| Lattice | LFXP2-17E | [fpBGA484] (VME) | (1483) |
| Lattice | LFXP2-17E | [ftBGA256]       | (2278) |
| Lattice | LFXP2-17E | [ftBGA256] (SVF) | (2278) |
| Lattice | LFXP2-17E | [ftBGA256] (VME) | (2278) |
| Lattice | LFXP2-17E | [PQFP208]        | (1335) |
| Lattice | LFXP2-17E | [PQFP208] (SVF)  | (1335) |
| Lattice | LFXP2-17E | [PQFP208] (VME)  | (1335) |
| Lattice | LFXP2-30E | (ISP)            | (138)  |
| Lattice | LFXP2-30E | (ISP-SVF)        | (138)  |
| Lattice | LFXP2-30E | (ISP-VME)        | (138)  |
| Lattice | LFXP2-30E | [fpBGA484]       | (1483) |
| Lattice | LFXP2-30E | [fpBGA484] (SVF) | (1483) |
| Lattice | LFXP2-30E | [fpBGA484] (VME) | (1483) |
| Lattice | LFXP2-30E | [fpBGA672]       | (2279) |
| Lattice | LFXP2-30E | [fpBGA672] (SVF) | (2279) |
| Lattice | LFXP2-30E | [fpBGA672] (VME) | (2279) |
| Lattice | LFXP2-30E | [ftBGA256]       | (2278) |
| Lattice | LFXP2-30E | [ftBGA256] (SVF) | (2278) |
| Lattice | LFXP2-30E | [ftBGA256] (VME) | (2278) |
| Lattice | LFXP2-40E | (ISP)            | (138)  |
| Lattice | LFXP2-40E | (ISP-SVF)        | (138)  |
| Lattice | LFXP2-40E | (ISP-VME)        | (138)  |
| Lattice | LFXP2-40E | [fpBGA484]       | (1483) |
| Lattice | LFXP2-40E | [fpBGA484] (SVF) | (1483) |
| Lattice | LFXP2-40E | [fpBGA484] (VME) | (1483) |
| Lattice | LFXP2-40E | [fpBGA672]       | (2279) |
| Lattice | LFXP2-40E | [fpBGA672] (SVF) | (2279) |



|         |                               |               |
|---------|-------------------------------|---------------|
| Lattice | LFXP2-40E [fpBGA672] (VME)    | (2279)        |
| Lattice | LFXP2-5E (ISP)                | (138)         |
| Lattice | LFXP2-5E (ISP-SVF)            | (138)         |
| Lattice | LFXP2-5E (ISP-VME)            | (138)         |
| Lattice | LFXP2-5E [csBGA132]           | (2277)        |
| Lattice | LFXP2-5E [csBGA132] (SVF)     | (2277)        |
| Lattice | LFXP2-5E [csBGA132] (VME)     | (2277)        |
| Lattice | LFXP2-5E [ftBGA256]           | (2278)        |
| Lattice | LFXP2-5E [ftBGA256] (SVF)     | (2278)        |
| Lattice | LFXP2-5E [ftBGA256] (VME)     | (2278)        |
| Lattice | LFXP2-5E [PQFP208]            | (1335)        |
| Lattice | LFXP2-5E [PQFP208] (SVF)      | (1335)        |
| Lattice | LFXP2-5E [PQFP208] (VME)      | (1335)        |
| Lattice | LFXP2-5E [TQFP144]            | (1334)        |
| Lattice | LFXP2-5E [TQFP144] (SVF)      | (1334)        |
| Lattice | LFXP2-5E [TQFP144] (VME)      | (1334)        |
| Lattice | LFXP2-8E (ISP)                | (138)         |
| Lattice | LFXP2-8E (ISP-SVF)            | (138)         |
| Lattice | LFXP2-8E (ISP-VME)            | (138)         |
| Lattice | LFXP2-8E [csBGA132]           | (2277)        |
| Lattice | LFXP2-8E [csBGA132] (SVF)     | (2277)        |
| Lattice | LFXP2-8E [csBGA132] (VME)     | (2277)        |
| Lattice | LFXP2-8E [ftBGA256]           | (2278)        |
| Lattice | LFXP2-8E [ftBGA256] (SVF)     | (2278)        |
| Lattice | LFXP2-8E [ftBGA256] (VME)     | (2278)        |
| Lattice | LFXP2-8E [PQFP208]            | (1335)        |
| Lattice | LFXP2-8E [PQFP208] (SVF)      | (1335)        |
| Lattice | LFXP2-8E [PQFP208] (VME)      | (1335)        |
| Lattice | LFXP2-8E [TQFP144]            | (1334)        |
| Lattice | LFXP2-8E [TQFP144] (SVF)      | (1334)        |
| Lattice | LFXP2-8E [TQFP144] (VME)      | (1334)        |
| Lattice | LFXP3C (ISP)                  | (138)         |
| Lattice | LFXP3C [PQFP208]              | (858)         |
| Lattice | LFXP3C [PQFP208] (SVF)        | (858)         |
| Lattice | LFXP3C [PQFP208] (VME)        | (858)         |
| Lattice | LFXP3C [TQFP100]              | (856)         |
| Lattice | LFXP3C [TQFP100] (SVF)        | (856)         |
| Lattice | LFXP3C [TQFP100] (VME)        | (856)         |
| Lattice | LFXP3C [TQFP144]              | (835)         |
| Lattice | LFXP3C [TQFP144] (SVF)        | (835)         |
| Lattice | LFXP3C [TQFP144] (VME)        | (835)         |
| Lattice | LFXP3E (ISP)                  | (138)         |
| Lattice | LFXP3E [PQFP208]              | (858)         |
| Lattice | LFXP3E [PQFP208] (SVF)        | (858)         |
| Lattice | LFXP3E [PQFP208] (VME)        | (858)         |
| Lattice | LFXP3E [TQFP100]              | (856)         |
| Lattice | LFXP3E [TQFP100] (SVF)        | (856)         |
| Lattice | LFXP3E [TQFP100] (VME)        | (856)         |
| Lattice | LFXP3E [TQFP144]              | (835)         |
| Lattice | LFXP3E [TQFP144] (SVF)        | (835)         |
| Lattice | LFXP3E [TQFP144] (VME)        | (835)         |
| Lattice | LFXP6C (ISP)                  | (138)         |
| Lattice | LFXP6C [fpBGA256]             | (907)         |
| Lattice | LFXP6C [PQFP208]              | (858)         |
| Lattice | LFXP6C [PQFP208] (SVF)        | (858)         |
| Lattice | LFXP6C [PQFP208] (VME)        | (858)         |
| Lattice | LFXP6C [TQFP144]              | (835)         |
| Lattice | LFXP6C [TQFP144] (SVF)        | (835)         |
| Lattice | LFXP6C [TQFP144] (VME)        | (835)         |
| Lattice | LFXP6E (ISP)                  | (138)         |
| Lattice | LFXP6E [fpBGA256]             | (907)         |
| Lattice | LFXP6E [PQFP208]              | (858)         |
| Lattice | LFXP6E [PQFP208] (SVF)        | (858)         |
| Lattice | LFXP6E [PQFP208] (VME)        | (858)         |
| Lattice | LFXP6E [TQFP144]              | (835)         |
| Lattice | LFXP6E [TQFP144] (SVF)        | (835)         |
| Lattice | LFXP6E [TQFP144] (VME)        | (835)         |
| Lattice | LIF-MD6000 [ucfBGA64]         | (4574)        |
| Lattice | LIF-MD6000 [wLcSP36]          | (4508)        |
| Lattice | LPTM10-12107 (ISP)            | (138) (9997)  |
| Lattice | LPTM10-12107 (ISP-SVF)        | (138) (9997)  |
| Lattice | LPTM10-12107 (ISP-VME)        | (138) (9997)  |
| Lattice | LPTM10-12107 [ftBGA208]       | (3127) (9999) |
| Lattice | LPTM10-12107 [ftBGA208] (SVF) | (3127) (9999) |
| Lattice | LPTM10-12107 [ftBGA208] (VME) | (3127) (9999) |
| Lattice | LPTM10-1247 (ISP)             | (138) (9997)  |
| Lattice | LPTM10-1247 (ISP-SVF)         | (138) (9997)  |
| Lattice | LPTM10-1247 (ISP-VME)         | (138) (9997)  |
| Lattice | LPTM10-1247 [TQFP128]         | (2750) (9999) |
| Lattice | LPTM10-1247 [TQFP128] (SVF)   | (2750) (9999) |
| Lattice | LPTM10-1247 [TQFP128] (VME)   | (2750) (9999) |
| Lattice | LPTM21 [ftBGA237]             | (3486)        |
| Lattice | LPTM21 [ftBGA237] (ASC)       | (3486)        |
| Lattice | LPTM21 [ftBGA237] (FPGA)      | (3486)        |
| Lattice | LX128B (ISP)                  | (138)         |
| Lattice | LX128B (ISP-SVF)              | (138)         |
| Lattice | LX128B (ISP-VME)              | (138)         |
| Lattice | LX128B [fpBGA208]             | (1013)        |
| Lattice | LX128B-2R (ISP)               | (138)         |
| Lattice | LX128C (ISP)                  | (138)         |
| Lattice | LX128C (ISP-SVF)              | (138)         |
| Lattice | LX128C (ISP-VME)              | (138)         |
| Lattice | LX128C [fpBGA208]             | (1013)        |
| Lattice | LX128C-2R (ISP)               | (138)         |
| Lattice | LX128EB (ISP)                 | (138)         |
| Lattice | LX128EB (ISP-SVF)             | (138)         |
| Lattice | LX128EB (ISP-VME)             | (138)         |
| Lattice | LX128EB [fpBGA208]            | (1013)        |
| Lattice | LX128EC (ISP)                 | (138)         |
| Lattice | LX128EC (ISP-SVF)             | (138)         |
| Lattice | LX128EC (ISP-VME)             | (138)         |
| Lattice | LX128EC [fpBGA208]            | (1013)        |
| Lattice | LX128EV (ISP)                 | (138)         |
| Lattice | LX128EV (ISP-SVF)             | (138)         |
| Lattice | LX128EV (ISP-VME)             | (138)         |
| Lattice | LX128EV [fpBGA208]            | (1013)        |
| Lattice | LX128V (ISP)                  | (138)         |
| Lattice | LX128V (ISP-SVF)              | (138)         |
| Lattice | LX128V (ISP-VME)              | (138)         |
| Lattice | LX128V [fpBGA208]             | (1013)        |
| Lattice | LX128V-2R (ISP)               | (138)         |
| Lattice | LX256B (ISP)                  | (138)         |
| Lattice | LX256B (ISP-SVF)              | (138)         |
| Lattice | LX256B (ISP-VME)              | (138)         |
| Lattice | LX256B-2R (ISP)               | (138)         |
| Lattice | LX256C (ISP)                  | (138)         |
| Lattice | LX256C (ISP-SVF)              | (138)         |
| Lattice | LX256C (ISP-VME)              | (138)         |
| Lattice | LX256C-2R (ISP)               | (138)         |
| Lattice | LX256EB (ISP)                 | (138)         |
| Lattice | LX256EB (ISP-SVF)             | (138)         |
| Lattice | LX256EB (ISP-VME)             | (138)         |
| Lattice | LX256EC (ISP)                 | (138)         |
| Lattice | LX256EC (ISP-SVF)             | (138)         |
| Lattice | LX256EC (ISP-VME)             | (138)         |
| Lattice | LX256EV (ISP)                 | (138)         |
| Lattice | LX256EV (ISP-SVF)             | (138)         |
| Lattice | LX256EV (ISP-VME)             | (138)         |

|         |                               |        |
|---------|-------------------------------|--------|
| Lattice | LX256V (ISP)                  | (138)  |
| Lattice | LX256V (ISP-SVF)              | (138)  |
| Lattice | LX256V (ISP-VME)              | (138)  |
| Lattice | LX256V-2R (ISP)               | (138)  |
| Lattice | LX64B (ISP)                   | (138)  |
| Lattice | LX64B (ISP-SVF)               | (138)  |
| Lattice | LX64B (ISP-VME)               | (138)  |
| Lattice | LX64B [fpBGA100]              | (1049) |
| Lattice | LX64B [fpBGA100] (SVF)        | (1049) |
| Lattice | LX64B [fpBGA100] (VME)        | (1049) |
| Lattice | LX64B-2R (ISP)                | (138)  |
| Lattice | LX64C (ISP)                   | (138)  |
| Lattice | LX64C (ISP-SVF)               | (138)  |
| Lattice | LX64C (ISP-VME)               | (138)  |
| Lattice | LX64C [fpBGA100]              | (1049) |
| Lattice | LX64C [fpBGA100] (SVF)        | (1049) |
| Lattice | LX64C [fpBGA100] (VME)        | (1049) |
| Lattice | LX64C-2R (ISP)                | (138)  |
| Lattice | LX64EB (ISP)                  | (138)  |
| Lattice | LX64EB (ISP-SVF)              | (138)  |
| Lattice | LX64EB (ISP-VME)              | (138)  |
| Lattice | LX64EB [fpBGA100]             | (1049) |
| Lattice | LX64EB [fpBGA100] (SVF)       | (1049) |
| Lattice | LX64EB [fpBGA100] (VME)       | (1049) |
| Lattice | LX64EC (ISP)                  | (138)  |
| Lattice | LX64EC (ISP-SVF)              | (138)  |
| Lattice | LX64EC (ISP-VME)              | (138)  |
| Lattice | LX64EC [fpBGA100]             | (1049) |
| Lattice | LX64EC [fpBGA100] (SVF)       | (1049) |
| Lattice | LX64EC [fpBGA100] (VME)       | (1049) |
| Lattice | LX64EV (ISP)                  | (138)  |
| Lattice | LX64EV (ISP-SVF)              | (138)  |
| Lattice | LX64EV (ISP-VME)              | (138)  |
| Lattice | LX64EV [fpBGA100]             | (1049) |
| Lattice | LX64EV [fpBGA100] (SVF)       | (1049) |
| Lattice | LX64EV [fpBGA100] (VME)       | (1049) |
| Lattice | LX64V (ISP)                   | (138)  |
| Lattice | LX64V (ISP-SVF)               | (138)  |
| Lattice | LX64V (ISP-VME)               | (138)  |
| Lattice | LX64V [fpBGA100]              | (1049) |
| Lattice | LX64V [fpBGA100] (SVF)        | (1049) |
| Lattice | LX64V [fpBGA100] (VME)        | (1049) |
| Lattice | LX64V-2R (ISP)                | (138)  |
| Lattice | M4-128/64 (ISP)               | (138)  |
| Lattice | M4-128/64 [PQFP100]           | (2636) |
| Lattice | M4-128/64 [TQFP100]           | (1507) |
| Lattice | M4-128N/64 [PLCC84]           | (90)   |
| Lattice | M4-32/32 (ISP)                | (138)  |
| Lattice | M4-32/32 [PLCC44]             | (67)   |
| Lattice | M4-32/32 [TQFP44]             | (94)   |
| Lattice | M4-32/32 [TQFP48]             | (174)  |
| Lattice | M4-64/32 (ISP)                | (138)  |
| Lattice | M4-64/32 [PLCC44]             | (67)   |
| Lattice | M4-64/32 [TQFP44]             | (94)   |
| Lattice | M4-64/32 [TQFP48]             | (174)  |
| Lattice | M4-96/48 (ISP)                | (138)  |
| Lattice | M4-96/48 [TQFP100]            | (1507) |
| Lattice | M4A3-128/64 (ISP)             | (138)  |
| Lattice | M4A3-128/64 (ISP-SVF)         | (138)  |
| Lattice | M4A3-128/64 (ISP-VME)         | (138)  |
| Lattice | M4A3-128/64 [caBGA100]        | (2638) |
| Lattice | M4A3-128/64 [caBGA100] (SVF)  | (2638) |
| Lattice | M4A3-128/64 [caBGA100] (VME)  | (2638) |
| Lattice | M4A3-128/64 [PQFP100]         | (2636) |
| Lattice | M4A3-128/64 [PQFP100] (SVF)   | (2636) |
| Lattice | M4A3-128/64 [PQFP100] (VME)   | (2636) |
| Lattice | M4A3-128/64 [TQFP100]         | (1507) |
| Lattice | M4A3-128/64 [TQFP100] (SVF)   | (1507) |
| Lattice | M4A3-128/64 [TQFP100] (VME)   | (1507) |
| Lattice | M4A3-192/96 (ISP-SVF)         | (138)  |
| Lattice | M4A3-192/96 (ISP-VME)         | (138)  |
| Lattice | M4A3-192/96 [fpBGA144]        | (2639) |
| Lattice | M4A3-192/96 [fpBGA144] (SVF)  | (2639) |
| Lattice | M4A3-192/96 [fpBGA144] (VME)  | (2639) |
| Lattice | M4A3-192/96 [TQFP144] (SVF)   | (2640) |
| Lattice | M4A3-192/96 [TQFP144] (VME)   | (2640) |
| Lattice | M4A3-256/128 (ISP-SVF)        | (138)  |
| Lattice | M4A3-256/128 (ISP-VME)        | (138)  |
| Lattice | M4A3-256/128 [BGA256] (SVF)   | (487)  |
| Lattice | M4A3-256/128 [BGA256] (VME)   | (487)  |
| Lattice | M4A3-256/128 [fpBGA256]       | (2647) |
| Lattice | M4A3-256/128 [fpBGA256] (SVF) | (2647) |
| Lattice | M4A3-256/128 [fpBGA256] (VME) | (2647) |
| Lattice | M4A3-256/128 [PQFP208] (SVF)  | (2645) |
| Lattice | M4A3-256/128 [PQFP208] (VME)  | (2645) |
| Lattice | M4A3-256/160 (ISP-SVF)        | (138)  |
| Lattice | M4A3-256/160 (ISP-VME)        | (138)  |
| Lattice | M4A3-256/160 [PQFP208] (SVF)  | (2645) |
| Lattice | M4A3-256/160 [PQFP208] (VME)  | (2645) |
| Lattice | M4A3-256/192 (ISP-SVF)        | (138)  |
| Lattice | M4A3-256/192 (ISP-VME)        | (138)  |
| Lattice | M4A3-256/192 [fpBGA256] (SVF) | (2647) |
| Lattice | M4A3-256/192 [fpBGA256] (VME) | (2647) |
| Lattice | M4A3-32/32 (ISP)              | (138)  |
| Lattice | M4A3-32/32 (ISP-SVF)          | (138)  |
| Lattice | M4A3-32/32 (ISP-VME)          | (138)  |
| Lattice | M4A3-32/32 [PLCC44]           | (67)   |
| Lattice | M4A3-32/32 [PLCC44] (SVF)     | (67)   |
| Lattice | M4A3-32/32 [PLCC44] (VME)     | (67)   |
| Lattice | M4A3-32/32 [TQFP44]           | (94)   |
| Lattice | M4A3-32/32 [TQFP44] (SVF)     | (94)   |
| Lattice | M4A3-32/32 [TQFP44] (VME)     | (94)   |
| Lattice | M4A3-32/32 [TQFP48]           | (174)  |
| Lattice | M4A3-32/32 [TQFP48] (SVF)     | (174)  |
| Lattice | M4A3-32/32 [TQFP48] (VME)     | (174)  |
| Lattice | M4A3-384/160 (ISP-SVF)        | (138)  |
| Lattice | M4A3-384/160 (ISP-VME)        | (138)  |
| Lattice | M4A3-384/160 [PQFP208] (SVF)  | (2645) |
| Lattice | M4A3-384/160 [PQFP208] (VME)  | (2645) |
| Lattice | M4A3-384/192 (ISP-SVF)        | (138)  |
| Lattice | M4A3-384/192 (ISP-VME)        | (138)  |
| Lattice | M4A3-384/192 [BGA256] (SVF)   | (487)  |
| Lattice | M4A3-384/192 [BGA256] (VME)   | (487)  |
| Lattice | M4A3-384/192 [fpBGA256] (SVF) | (2647) |
| Lattice | M4A3-384/192 [fpBGA256] (VME) | (2647) |
| Lattice | M4A3-512/160 (ISP-SVF)        | (138)  |
| Lattice | M4A3-512/160 (ISP-VME)        | (138)  |
| Lattice | M4A3-512/160 [PQFP208] (SVF)  | (2645) |
| Lattice | M4A3-512/160 [PQFP208] (VME)  | (2645) |
| Lattice | M4A3-512/192 (ISP-SVF)        | (138)  |
| Lattice | M4A3-512/192 (ISP-VME)        | (138)  |
| Lattice | M4A3-512/192 [fpBGA256] (SVF) | (2647) |
| Lattice | M4A3-512/192 [fpBGA256] (VME) | (2647) |
| Lattice | M4A3-512/256 (ISP-SVF)        | (138)  |
| Lattice | M4A3-512/256 (ISP-VME)        | (138)  |
| Lattice | M4A3-512/256 [fpBGA388] (SVF) | (2648) |
| Lattice | M4A3-512/256 [fpBGA388] (VME) | (2648) |
| Lattice | M4A3-64/32 (ISP)              | (138)  |

|         |              |                 |        |
|---------|--------------|-----------------|--------|
| Lattice | M4A3-64/32   | (ISP-SVF)       | (138)  |
| Lattice | M4A3-64/32   | (ISP-VME)       | (138)  |
| Lattice | M4A3-64/32   | [PLCC44]        | (67)   |
| Lattice | M4A3-64/32   | [PLCC44] (SVF)  | (67)   |
| Lattice | M4A3-64/32   | [PLCC44] (VME)  | (67)   |
| Lattice | M4A3-64/32   | [TQFP44]        | (94)   |
| Lattice | M4A3-64/32   | [TQFP44] (SVF)  | (94)   |
| Lattice | M4A3-64/32   | [TQFP44] (VME)  | (94)   |
| Lattice | M4A3-64/32   | [TQFP48]        | (174)  |
| Lattice | M4A3-64/32   | [TQFP48] (SVF)  | (174)  |
| Lattice | M4A3-64/32   | [TQFP48] (VME)  | (174)  |
| Lattice | M4A3-64/64   | (ISP)           | (138)  |
| Lattice | M4A3-64/64   | (ISP-SVF)       | (138)  |
| Lattice | M4A3-64/64   | (ISP-VME)       | (138)  |
| Lattice | M4A3-64/64   | [TQFP100]       | (1507) |
| Lattice | M4A3-64/64   | [TQFP100] (SVF) | (1507) |
| Lattice | M4A3-64/64   | [TQFP100] (VME) | (1507) |
| Lattice | M4A3-96/48   | (ISP)           | (138)  |
| Lattice | M4A3-96/48   | (ISP-SVF)       | (138)  |
| Lattice | M4A3-96/48   | (ISP-VME)       | (138)  |
| Lattice | M4A3-96/48   | [TQFP100]       | (1507) |
| Lattice | M4A3-96/48   | [TQFP100] (SVF) | (1507) |
| Lattice | M4A3-96/48   | [TQFP100] (VME) | (1507) |
| Lattice | M4A5-128/64  | (ISP)           | (138)  |
| Lattice | M4A5-128/64  | (ISP-SVF)       | (138)  |
| Lattice | M4A5-128/64  | (ISP-VME)       | (138)  |
| Lattice | M4A5-128/64  | [PQFP100]       | (2636) |
| Lattice | M4A5-128/64  | [PQFP100] (SVF) | (2636) |
| Lattice | M4A5-128/64  | [PQFP100] (VME) | (2636) |
| Lattice | M4A5-128/64  | [TQFP100]       | (1507) |
| Lattice | M4A5-128/64  | [TQFP100] (SVF) | (1507) |
| Lattice | M4A5-128/64  | [TQFP100] (VME) | (1507) |
| Lattice | M4A5-192/96  | (ISP-SVF)       | (138)  |
| Lattice | M4A5-192/96  | (ISP-VME)       | (138)  |
| Lattice | M4A5-192/96  | [TQFP144] (SVF) | (2640) |
| Lattice | M4A5-192/96  | [TQFP144] (VME) | (2640) |
| Lattice | M4A5-256/128 | (ISP-SVF)       | (138)  |
| Lattice | M4A5-256/128 | (ISP-VME)       | (138)  |
| Lattice | M4A5-256/128 | [BGA256] (SVF)  | (487)  |
| Lattice | M4A5-256/128 | [BGA256] (VME)  | (487)  |
| Lattice | M4A5-256/128 | [PQFP208] (SVF) | (2645) |
| Lattice | M4A5-256/128 | [PQFP208] (VME) | (2645) |
| Lattice | M4A5-32/32   | (ISP)           | (138)  |
| Lattice | M4A5-32/32   | (ISP-SVF)       | (138)  |
| Lattice | M4A5-32/32   | (ISP-VME)       | (138)  |
| Lattice | M4A5-32/32   | [PLCC44]        | (67)   |
| Lattice | M4A5-32/32   | [PLCC44] (SVF)  | (67)   |
| Lattice | M4A5-32/32   | [PLCC44] (VME)  | (67)   |
| Lattice | M4A5-32/32   | [TQFP44]        | (94)   |
| Lattice | M4A5-32/32   | [TQFP44] (SVF)  | (94)   |
| Lattice | M4A5-32/32   | [TQFP44] (VME)  | (94)   |
| Lattice | M4A5-32/32   | [TQFP48]        | (174)  |
| Lattice | M4A5-32/32   | [TQFP48] (SVF)  | (174)  |
| Lattice | M4A5-32/32   | [TQFP48] (VME)  | (174)  |
| Lattice | M4A5-64/32   | (ISP)           | (138)  |
| Lattice | M4A5-64/32   | (ISP-SVF)       | (138)  |
| Lattice | M4A5-64/32   | (ISP-VME)       | (138)  |
| Lattice | M4A5-64/32   | [PLCC44]        | (67)   |
| Lattice | M4A5-64/32   | [PLCC44] (SVF)  | (67)   |
| Lattice | M4A5-64/32   | [PLCC44] (VME)  | (67)   |
| Lattice | M4A5-64/32   | [TQFP44]        | (94)   |
| Lattice | M4A5-64/32   | [TQFP44] (SVF)  | (94)   |
| Lattice | M4A5-64/32   | [TQFP44] (VME)  | (94)   |
| Lattice | M4A5-64/32   | [TQFP48]        | (174)  |
| Lattice | M4A5-64/32   | [TQFP48] (SVF)  | (174)  |
| Lattice | M4A5-64/32   | [TQFP48] (VME)  | (174)  |
| Lattice | M4A5-96/48   | (ISP)           | (138)  |
| Lattice | M4A5-96/48   | (ISP-SVF)       | (138)  |
| Lattice | M4A5-96/48   | (ISP-VME)       | (138)  |
| Lattice | M4A5-96/48   | [TQFP100]       | (1507) |
| Lattice | M4A5-96/48   | [TQFP100] (SVF) | (1507) |
| Lattice | M4A5-96/48   | [TQFP100] (VME) | (1507) |
| Lattice | M4LV-128/64  | (ISP)           | (138)  |
| Lattice | M4LV-128/64  | [PQFP100]       | (2636) |
| Lattice | M4LV-128/64  | [TQFP100]       | (1507) |
| Lattice | M4LV-128N/64 | [PLCC84]        | (90)   |
| Lattice | M4LV-32/32   | (ISP)           | (138)  |
| Lattice | M4LV-32/32   | [PLCC44]        | (67)   |
| Lattice | M4LV-32/32   | [TQFP44]        | (94)   |
| Lattice | M4LV-32/32   | [TQFP48]        | (174)  |
| Lattice | M4LV-64/32   | (ISP)           | (138)  |
| Lattice | M4LV-64/32   | [PLCC44]        | (67)   |
| Lattice | M4LV-64/32   | [TQFP44]        | (94)   |
| Lattice | M4LV-64/32   | [TQFP48]        | (174)  |
| Lattice | M4LV-96/48   | (ISP)           | (138)  |
| Lattice | M4LV-96/48   | [TQFP100]       | (1507) |
| Lattice | M5-128/104   | (ISP-SVF)       | (138)  |
| Lattice | M5-128/104   | (ISP-VME)       | (138)  |
| Lattice | M5-128/104   | [PQFP144] (SVF) | (2642) |
| Lattice | M5-128/104   | [PQFP144] (VME) | (2642) |
| Lattice | M5-128/120   | (ISP-SVF)       | (138)  |
| Lattice | M5-128/120   | (ISP-VME)       | (138)  |
| Lattice | M5-128/120   | [PQFP160] (SVF) | (2643) |
| Lattice | M5-128/120   | [PQFP160] (VME) | (2643) |
| Lattice | M5-128/68    | (ISP-SVF)       | (138)  |
| Lattice | M5-128/68    | (ISP-VME)       | (138)  |
| Lattice | M5-128/68    | [PQFP100] (SVF) | (2637) |
| Lattice | M5-128/68    | [PQFP100] (VME) | (2637) |
| Lattice | M5-128/68    | [TQFP100] (SVF) | (2635) |
| Lattice | M5-128/68    | [TQFP100] (VME) | (2635) |
| Lattice | M5-192/104   | (ISP-SVF)       | (138)  |
| Lattice | M5-192/104   | (ISP-VME)       | (138)  |
| Lattice | M5-192/104   | [PQFP144] (SVF) | (2642) |
| Lattice | M5-192/104   | [PQFP144] (VME) | (2642) |
| Lattice | M5-192/120   | (ISP-SVF)       | (138)  |
| Lattice | M5-192/120   | (ISP-VME)       | (138)  |
| Lattice | M5-192/120   | [PQFP160] (SVF) | (2643) |
| Lattice | M5-192/120   | [PQFP160] (VME) | (2643) |
| Lattice | M5-192/160   | (ISP-SVF)       | (138)  |
| Lattice | M5-192/160   | (ISP-VME)       | (138)  |
| Lattice | M5-192/160   | [PQFP208] (SVF) | (2644) |
| Lattice | M5-192/160   | [PQFP208] (VME) | (2644) |
| Lattice | M5-192/68    | (ISP-SVF)       | (138)  |
| Lattice | M5-192/68    | (ISP-VME)       | (138)  |
| Lattice | M5-192/68    | [PQFP100] (SVF) | (2637) |
| Lattice | M5-192/68    | [PQFP100] (VME) | (2637) |
| Lattice | M5-192/68    | [TQFP100] (SVF) | (2635) |
| Lattice | M5-192/68    | [TQFP100] (VME) | (2635) |
| Lattice | M5-256/104   | (ISP-SVF)       | (138)  |
| Lattice | M5-256/104   | (ISP-VME)       | (138)  |
| Lattice | M5-256/104   | [PQFP144] (SVF) | (2642) |
| Lattice | M5-256/104   | [PQFP144] (VME) | (2642) |
| Lattice | M5-256/120   | (ISP-SVF)       | (138)  |
| Lattice | M5-256/120   | (ISP-VME)       | (138)  |
| Lattice | M5-256/120   | [PQFP160] (SVF) | (2643) |
| Lattice | M5-256/120   | [PQFP160] (VME) | (2643) |
| Lattice | M5-256/160   | (ISP-SVF)       | (138)  |
| Lattice | M5-256/160   | (ISP-VME)       | (138)  |
| Lattice | M5-256/160   | [PQFP208] (SVF) | (2644) |
| Lattice | M5-256/160   | [PQFP208] (VME) | (2644) |
| Lattice | M5-192/68    | (ISP-SVF)       | (138)  |
| Lattice | M5-192/68    | (ISP-VME)       | (138)  |
| Lattice | M5-192/68    | [PQFP100] (SVF) | (2637) |
| Lattice | M5-192/68    | [PQFP100] (VME) | (2637) |
| Lattice | M5-192/68    | [TQFP100] (SVF) | (2635) |
| Lattice | M5-192/68    | [TQFP100] (VME) | (2635) |
| Lattice | M5-256/104   | (ISP-SVF)       | (138)  |
| Lattice | M5-256/104   | (ISP-VME)       | (138)  |
| Lattice | M5-256/104   | [PQFP144] (SVF) | (2642) |
| Lattice | M5-256/104   | [PQFP144] (VME) | (2642) |
| Lattice | M5-256/120   | (ISP-SVF)       | (138)  |
| Lattice | M5-256/120   | (ISP-VME)       | (138)  |
| Lattice | M5-256/120   | [PQFP160] (SVF) | (2643) |
| Lattice | M5-256/120   | [PQFP160] (VME) | (2643) |
| Lattice | M5-256/160   | (ISP-SVF)       | (138)  |
| Lattice | M5-256/160   | (ISP-VME)       | (138)  |

|         |              |                 |        |
|---------|--------------|-----------------|--------|
| Lattice | M5-256/160   | [PQFP208] (SVF) | (2644) |
| Lattice | M5-256/160   | [PQFP208] (VME) | (2644) |
| Lattice | M5-256/68    | (ISP-SVF)       | (138)  |
| Lattice | M5-256/68    | (ISP-VME)       | (138)  |
| Lattice | M5-256/68    | [PQFP100] (SVF) | (2637) |
| Lattice | M5-256/68    | [PQFP100] (VME) | (2637) |
| Lattice | M5-256/68    | [TQFP100] (SVF) | (2635) |
| Lattice | M5-256/68    | [TQFP100] (VME) | (2635) |
| Lattice | M5-320/120   | (ISP-SVF)       | (138)  |
| Lattice | M5-320/120   | (ISP-VME)       | (138)  |
| Lattice | M5-320/120   | [PQFP160] (SVF) | (2643) |
| Lattice | M5-320/120   | [PQFP160] (VME) | (2643) |
| Lattice | M5-320/160   | (ISP-SVF)       | (138)  |
| Lattice | M5-320/160   | (ISP-VME)       | (138)  |
| Lattice | M5-320/160   | [PQFP208] (SVF) | (2644) |
| Lattice | M5-320/160   | [PQFP208] (VME) | (2644) |
| Lattice | M5-320/184   | (ISP-SVF)       | (138)  |
| Lattice | M5-320/184   | (ISP-VME)       | (138)  |
| Lattice | M5-320/184   | [PQFP240] (SVF) | (2646) |
| Lattice | M5-320/184   | [PQFP240] (VME) | (2646) |
| Lattice | M5-320/192   | (ISP-SVF)       | (138)  |
| Lattice | M5-320/192   | (ISP-VME)       | (138)  |
| Lattice | M5-320/192   | [BGA256] (SVF)  | (502)  |
| Lattice | M5-320/192   | [BGA256] (VME)  | (502)  |
| Lattice | M5-384/120   | (ISP)           | (138)  |
| Lattice | M5-384/120   | (ISP-SVF)       | (138)  |
| Lattice | M5-384/120   | (ISP-VME)       | (138)  |
| Lattice | M5-384/120   | [PQFP160]       | (2643) |
| Lattice | M5-384/120   | [PQFP160] (SVF) | (2643) |
| Lattice | M5-384/120   | [PQFP160] (VME) | (2643) |
| Lattice | M5-384/160   | (ISP)           | (138)  |
| Lattice | M5-384/160   | (ISP-SVF)       | (138)  |
| Lattice | M5-384/160   | (ISP-VME)       | (138)  |
| Lattice | M5-384/160   | [PQFP208]       | (2644) |
| Lattice | M5-384/160   | [PQFP208] (SVF) | (2644) |
| Lattice | M5-384/160   | [PQFP208] (VME) | (2644) |
| Lattice | M5-384/184   | (ISP)           | (138)  |
| Lattice | M5-384/184   | (ISP-SVF)       | (138)  |
| Lattice | M5-384/184   | (ISP-VME)       | (138)  |
| Lattice | M5-384/184   | [PQFP240]       | (2646) |
| Lattice | M5-384/184   | [PQFP240] (SVF) | (2646) |
| Lattice | M5-384/184   | [PQFP240] (VME) | (2646) |
| Lattice | M5-384/192   | (ISP)           | (138)  |
| Lattice | M5-384/192   | (ISP-SVF)       | (138)  |
| Lattice | M5-384/192   | (ISP-VME)       | (138)  |
| Lattice | M5-384/192   | [BGA256]        | (502)  |
| Lattice | M5-384/192   | [BGA256] (SVF)  | (502)  |
| Lattice | M5-384/192   | [BGA256] (VME)  | (502)  |
| Lattice | M5-512/120   | (ISP)           | (138)  |
| Lattice | M5-512/120   | (ISP-SVF)       | (138)  |
| Lattice | M5-512/120   | (ISP-VME)       | (138)  |
| Lattice | M5-512/120   | [PQFP160]       | (2643) |
| Lattice | M5-512/120   | [PQFP160] (SVF) | (2643) |
| Lattice | M5-512/120   | [PQFP160] (VME) | (2643) |
| Lattice | M5-512/160   | (ISP)           | (138)  |
| Lattice | M5-512/160   | (ISP-SVF)       | (138)  |
| Lattice | M5-512/160   | (ISP-VME)       | (138)  |
| Lattice | M5-512/160   | [PQFP208]       | (2644) |
| Lattice | M5-512/160   | [PQFP208] (SVF) | (2644) |
| Lattice | M5-512/160   | [PQFP208] (VME) | (2644) |
| Lattice | M5-512/184   | (ISP)           | (138)  |
| Lattice | M5-512/184   | (ISP-SVF)       | (138)  |
| Lattice | M5-512/184   | (ISP-VME)       | (138)  |
| Lattice | M5-512/184   | [PQFP240]       | (2646) |
| Lattice | M5-512/184   | [PQFP240] (SVF) | (2646) |
| Lattice | M5-512/184   | [PQFP240] (VME) | (2646) |
| Lattice | M5-512/192   | (ISP)           | (138)  |
| Lattice | M5-512/192   | (ISP-SVF)       | (138)  |
| Lattice | M5-512/192   | (ISP-VME)       | (138)  |
| Lattice | M5-512/192   | [BGA256]        | (502)  |
| Lattice | M5-512/192   | [BGA256] (SVF)  | (502)  |
| Lattice | M5-512/192   | [BGA256] (VME)  | (502)  |
| Lattice | M5-512/256   | (ISP)           | (138)  |
| Lattice | M5-512/256   | (ISP-SVF)       | (138)  |
| Lattice | M5-512/256   | (ISP-VME)       | (138)  |
| Lattice | M5-512/256   | [BGA352]        | (503)  |
| Lattice | M5-512/256   | [BGA352] (SVF)  | (503)  |
| Lattice | M5-512/256   | [BGA352] (VME)  | (503)  |
| Lattice | M5LV-128/104 | (ISP)           | (138)  |
| Lattice | M5LV-128/104 | (ISP-SVF)       | (138)  |
| Lattice | M5LV-128/104 | (ISP-VME)       | (138)  |
| Lattice | M5LV-128/104 | [PQFP144]       | (2642) |
| Lattice | M5LV-128/104 | [PQFP144] (SVF) | (2642) |
| Lattice | M5LV-128/104 | [PQFP144] (VME) | (2642) |
| Lattice | M5LV-128/104 | [TQFP144]       | (2641) |
| Lattice | M5LV-128/104 | [TQFP144] (SVF) | (2641) |
| Lattice | M5LV-128/104 | [TQFP144] (VME) | (2641) |
| Lattice | M5LV-128/120 | (ISP)           | (138)  |
| Lattice | M5LV-128/120 | (ISP-SVF)       | (138)  |
| Lattice | M5LV-128/120 | (ISP-VME)       | (138)  |
| Lattice | M5LV-128/120 | [PQFP160]       | (2643) |
| Lattice | M5LV-128/120 | [PQFP160] (SVF) | (2643) |
| Lattice | M5LV-128/120 | [PQFP160] (VME) | (2643) |
| Lattice | M5LV-128/68  | (ISP)           | (138)  |
| Lattice | M5LV-128/68  | (ISP-SVF)       | (138)  |
| Lattice | M5LV-128/68  | (ISP-VME)       | (138)  |
| Lattice | M5LV-128/68  | [PQFP100]       | (2637) |
| Lattice | M5LV-128/68  | [PQFP100] (SVF) | (2637) |
| Lattice | M5LV-128/68  | [PQFP100] (VME) | (2637) |
| Lattice | M5LV-128/68  | [TQFP100]       | (2635) |
| Lattice | M5LV-128/68  | [TQFP100] (SVF) | (2635) |
| Lattice | M5LV-128/68  | [TQFP100] (VME) | (2635) |
| Lattice | M5LV-128/74  | (ISP)           | (138)  |
| Lattice | M5LV-256/104 | (ISP)           | (138)  |
| Lattice | M5LV-256/104 | (ISP-SVF)       | (138)  |
| Lattice | M5LV-256/104 | (ISP-VME)       | (138)  |
| Lattice | M5LV-256/104 | [PQFP144]       | (2642) |
| Lattice | M5LV-256/104 | [PQFP144] (SVF) | (2642) |
| Lattice | M5LV-256/104 | [PQFP144] (VME) | (2642) |
| Lattice | M5LV-256/104 | [TQFP144]       | (2641) |
| Lattice | M5LV-256/104 | [TQFP144] (SVF) | (2641) |
| Lattice | M5LV-256/104 | [TQFP144] (VME) | (2641) |
| Lattice | M5LV-256/120 | (ISP)           | (138)  |
| Lattice | M5LV-256/120 | (ISP-SVF)       | (138)  |
| Lattice | M5LV-256/120 | (ISP-VME)       | (138)  |
| Lattice | M5LV-256/120 | [PQFP160]       | (2643) |
| Lattice | M5LV-256/120 | [PQFP160] (SVF) | (2643) |
| Lattice | M5LV-256/120 | [PQFP160] (VME) | (2643) |
| Lattice | M5LV-256/160 | (ISP)           | (138)  |
| Lattice | M5LV-256/160 | (ISP-SVF)       | (138)  |
| Lattice | M5LV-256/160 | (ISP-VME)       | (138)  |
| Lattice | M5LV-256/160 | [PQFP208]       | (2644) |
| Lattice | M5LV-256/160 | [PQFP208] (SVF) | (2644) |
| Lattice | M5LV-256/160 | [PQFP208] (VME) | (2644) |
| Lattice | M5LV-256/68  | (ISP)           | (138)  |
| Lattice | M5LV-256/68  | (ISP-SVF)       | (138)  |
| Lattice | M5LV-256/68  | (ISP-VME)       | (138)  |
| Lattice | M5LV-256/68  | [PQFP100]       | (2637) |

|         |                  |                 |        |
|---------|------------------|-----------------|--------|
| Lattice | M5LV-256/68      | [PQFP100] (SVF) | (2637) |
| Lattice | M5LV-256/68      | [PQFP100] (VME) | (2637) |
| Lattice | M5LV-256/68      | [TQFP100]       | (2635) |
| Lattice | M5LV-256/68      | [TQFP100] (SVF) | (2635) |
| Lattice | M5LV-256/68      | [TQFP100] (VME) | (2635) |
| Lattice | M5LV-256/74      | (ISP)           | (138)  |
| Lattice | M5LV-256/74      | [TQFP100]       | (2635) |
| Lattice | M5LV-320/120     | (ISP-SVF)       | (138)  |
| Lattice | M5LV-320/120     | (ISP-VME)       | (138)  |
| Lattice | M5LV-320/120     | [PQFP160] (SVF) | (2643) |
| Lattice | M5LV-320/120     | [PQFP160] (VME) | (2643) |
| Lattice | M5LV-320/160     | (ISP-SVF)       | (138)  |
| Lattice | M5LV-320/160     | (ISP-VME)       | (138)  |
| Lattice | M5LV-320/160     | [PQFP208] (SVF) | (2644) |
| Lattice | M5LV-320/160     | [PQFP208] (VME) | (2644) |
| Lattice | M5LV-320/184     | (ISP-SVF)       | (138)  |
| Lattice | M5LV-320/184     | (ISP-VME)       | (138)  |
| Lattice | M5LV-320/184     | [PQFP240] (SVF) | (2646) |
| Lattice | M5LV-320/184     | [PQFP240] (VME) | (2646) |
| Lattice | M5LV-320/192     | (ISP-SVF)       | (138)  |
| Lattice | M5LV-320/192     | (ISP-VME)       | (138)  |
| Lattice | M5LV-320/192     | [BGA256] (SVF)  | (502)  |
| Lattice | M5LV-320/192     | [BGA256] (VME)  | (502)  |
| Lattice | M5LV-384/120     | (ISP)           | (138)  |
| Lattice | M5LV-384/120     | (ISP-SVF)       | (138)  |
| Lattice | M5LV-384/120     | (ISP-VME)       | (138)  |
| Lattice | M5LV-384/120     | [PQFP160]       | (2643) |
| Lattice | M5LV-384/120     | [PQFP160] (SVF) | (2643) |
| Lattice | M5LV-384/120     | [PQFP160] (VME) | (2643) |
| Lattice | M5LV-384/160     | (ISP)           | (138)  |
| Lattice | M5LV-384/160     | (ISP-SVF)       | (138)  |
| Lattice | M5LV-384/160     | (ISP-VME)       | (138)  |
| Lattice | M5LV-384/160     | [PQFP208]       | (2644) |
| Lattice | M5LV-384/160     | [PQFP208] (SVF) | (2644) |
| Lattice | M5LV-384/160     | [PQFP208] (VME) | (2644) |
| Lattice | M5LV-384/184     | (ISP)           | (138)  |
| Lattice | M5LV-384/184     | (ISP-SVF)       | (138)  |
| Lattice | M5LV-384/184     | (ISP-VME)       | (138)  |
| Lattice | M5LV-384/184     | [PQFP240]       | (2646) |
| Lattice | M5LV-384/184     | [PQFP240] (SVF) | (2646) |
| Lattice | M5LV-384/184     | [PQFP240] (VME) | (2646) |
| Lattice | M5LV-384/192     | (ISP)           | (138)  |
| Lattice | M5LV-384/192     | (ISP-SVF)       | (138)  |
| Lattice | M5LV-384/192     | (ISP-VME)       | (138)  |
| Lattice | M5LV-384/192     | [BGA256]        | (502)  |
| Lattice | M5LV-384/192     | [BGA256] (SVF)  | (502)  |
| Lattice | M5LV-384/192     | [BGA256] (VME)  | (502)  |
| Lattice | M5LV-512/120     | (ISP)           | (138)  |
| Lattice | M5LV-512/120     | (ISP-SVF)       | (138)  |
| Lattice | M5LV-512/120     | (ISP-VME)       | (138)  |
| Lattice | M5LV-512/120     | [PQFP160]       | (2643) |
| Lattice | M5LV-512/120     | [PQFP160] (SVF) | (2643) |
| Lattice | M5LV-512/120     | [PQFP160] (VME) | (2643) |
| Lattice | M5LV-512/160     | (ISP)           | (138)  |
| Lattice | M5LV-512/160     | (ISP-SVF)       | (138)  |
| Lattice | M5LV-512/160     | (ISP-VME)       | (138)  |
| Lattice | M5LV-512/160     | [PQFP208]       | (2644) |
| Lattice | M5LV-512/160     | [PQFP208] (SVF) | (2644) |
| Lattice | M5LV-512/160     | [PQFP208] (VME) | (2644) |
| Lattice | M5LV-512/184     | (ISP)           | (138)  |
| Lattice | M5LV-512/184     | (ISP-SVF)       | (138)  |
| Lattice | M5LV-512/184     | (ISP-VME)       | (138)  |
| Lattice | M5LV-512/184     | [PQFP240]       | (2646) |
| Lattice | M5LV-512/184     | [PQFP240] (SVF) | (2646) |
| Lattice | M5LV-512/184     | [PQFP240] (VME) | (2646) |
| Lattice | M5LV-512/192     | (ISP)           | (138)  |
| Lattice | M5LV-512/192     | (ISP-SVF)       | (138)  |
| Lattice | M5LV-512/192     | (ISP-VME)       | (138)  |
| Lattice | M5LV-512/192     | [BGA256]        | (502)  |
| Lattice | M5LV-512/192     | [BGA256] (SVF)  | (502)  |
| Lattice | M5LV-512/192     | [BGA256] (VME)  | (502)  |
| Lattice | M5LV-512/256     | (ISP)           | (138)  |
| Lattice | M5LV-512/256     | (ISP-SVF)       | (138)  |
| Lattice | M5LV-512/256     | (ISP-VME)       | (138)  |
| Lattice | M5LV-512/256     | [BGA352]        | (503)  |
| Lattice | M5LV-512/256     | [BGA352] (SVF)  | (503)  |
| Lattice | M5LV-512/256     | [BGA352] (VME)  | (503)  |
| Lattice | MACH110          | [PLCC44]        | (67)   |
| Lattice | MACH111          | [PLCC44]        | (67)   |
| Lattice | MACH111          | [TQFP44]        | (94)   |
| Lattice | MACH111SP        | (ISP)           | (138)  |
| Lattice | MACH111SP        | [PLCC44]        | (67)   |
| Lattice | MACH111SP        | [TQFP44]        | (94)   |
| Lattice | MACH130          | [PLCC84]        | (90)   |
| Lattice | MACH131          | [PLCC84]        | (90)   |
| Lattice | MACH131-xxxx/1   | [PLCC84]        | (90)   |
| Lattice | MACH210          | [PLCC44]        | (67)   |
| Lattice | MACH210          | [TQFP44]        | (94)   |
| Lattice | MACH210A         | [PLCC44]        | (67)   |
| Lattice | MACH210A         | [TQFP44]        | (94)   |
| Lattice | MACH210AQ        | [PLCC44]        | (67)   |
| Lattice | MACH210AQ        | [TQFP44]        | (94)   |
| Lattice | MACH211          | [PLCC44]        | (67)   |
| Lattice | MACH211          | [TQFP44]        | (94)   |
| Lattice | MACH211SP        | (ISP)           | (138)  |
| Lattice | MACH211SP        | [PLCC44]        | (67)   |
| Lattice | MACH211SP        | [TQFP44]        | (94)   |
| Lattice | MACH215          | [PLCC44]        | (67)   |
| Lattice | MACH221          | [PLCC68]        | (4825) |
| Lattice | MACH231          | [PLCC84]        | (90)   |
| Lattice | MACH231xx-xxxx/1 | [PLCC84]        | (90)   |
| Lattice | MACH435          | [PLCC84]        | (90)   |
| Lattice | MACH436          | [PLCC84]        | (90)   |
| Lattice | MACH446          | (ISP)           | (138)  |
| Lattice | MACH446          | [PQFP100]       | (2636) |
| Lattice | MACH446          | [TQFP100]       | (1507) |
| Lattice | MACHLV210        | [PLCC44]        | (67)   |
| Lattice | MACHLV436        | [PLCC84]        | (90)   |
| Lattice | MACHLV446        | (ISP)           | (138)  |
| Lattice | MACHLV446        | [PQFP100]       | (2636) |
| Lattice | MACHLV446        | [TQFP100]       | (1507) |
| Lattice | PALCE16V8H       |                 |        |
| Lattice | PALCE16V8H       | [PLCC20]        | (47)   |
| Lattice | PALCE16V8H       | [SOIC20]        | (119)  |
| Lattice | PALCE16V8H/4     |                 |        |
| Lattice | PALCE16V8H/4     | [PLCC20]        | (47)   |
| Lattice | PALCE16V8H/4     | [SOIC20]        | (119)  |
| Lattice | PALCE16V8H/5     |                 |        |
| Lattice | PALCE16V8H/5     | [PLCC20]        | (47)   |
| Lattice | PALCE16V8H/5     | [SOIC20]        | (119)  |
| Lattice | PALCE16V8Q/4     |                 |        |
| Lattice | PALCE16V8Q/4     | [PLCC20]        | (47)   |
| Lattice | PALCE16V8Q/4     | [SOIC20]        | (119)  |
| Lattice | PALCE16V8Q/5     |                 |        |
| Lattice | PALCE16V8Q/5     | [PLCC20]        | (47)   |
| Lattice | PALCE16V8Q/5     | [SOIC20]        | (119)  |
| Lattice | PALCE16V8Z       |                 |        |
| Lattice | PALCE16V8Z       | [PLCC20]        | (47)   |

|         |                            |        |
|---------|----------------------------|--------|
| Lattice | PALCE16V8Z [SOIC20]        | (119)  |
| Lattice | PALCE20RA10H               |        |
| Lattice | PALCE20RA10H [PLCC28]      | (48)   |
| Lattice | PALCE20RA10Q-15/4          |        |
| Lattice | PALCE20RA10Q-15/4 [PLCC28] | (48)   |
| Lattice | PALCE20RA10Q-25/4          |        |
| Lattice | PALCE20RA10Q-25/4 [PLCC28] | (48)   |
| Lattice | PALCE20V8H/4               |        |
| Lattice | PALCE20V8H/4 [PLCC28]      | (48)   |
| Lattice | PALCE20V8H/5               |        |
| Lattice | PALCE20V8H/5 [PLCC28]      | (48)   |
| Lattice | PALCE20V8Q/4               |        |
| Lattice | PALCE20V8Q/4 [PLCC28]      | (48)   |
| Lattice | PALCE22V10H/4              |        |
| Lattice | PALCE22V10H/4 [PLCC28]     | (48)   |
| Lattice | PALCE22V10H/4 [SOIC24]     | (1062) |
| Lattice | PALCE22V10H/5              |        |
| Lattice | PALCE22V10H/5 [PLCC28]     | (48)   |
| Lattice | PALCE22V10H/5 [SOIC24]     | (1062) |
| Lattice | PALCE22V10Q/4              |        |
| Lattice | PALCE22V10Q/4 [PLCC28]     | (48)   |
| Lattice | PALCE22V10Q/4 [SOIC24]     | (1062) |
| Lattice | PALCE22V10Q/5              |        |
| Lattice | PALCE22V10Q/5 [PLCC28]     | (48)   |
| Lattice | PALCE22V10Q/5 [SOIC24]     | (1062) |
| Lattice | PALCE22V10Z                |        |
| Lattice | PALCE22V10Z [PLCC28]       | (48)   |
| Lattice | PALCE22V10Z [SOIC24]       | (1062) |
| Lattice | PALCE22V10Z/4              |        |
| Lattice | PALCE22V10Z/4 [PLCC28]     | (48)   |
| Lattice | PALCE22V10Z/4 [SOIC24]     | (1062) |
| Lattice | PALCE22V10Z/5              |        |
| Lattice | PALCE22V10Z/5 [PLCC28]     | (48)   |
| Lattice | PALCE22V10Z/5 [SOIC24]     | (1062) |
| Lattice | PALCE24V10H                | (682)  |
| Lattice | PALCE24V10H [PLCC28]       | (684)  |
| Lattice | PALCE24V10Q                | (682)  |
| Lattice | PALCE24V10Q [PLCC28]       | (684)  |
| Lattice | PALCE26V12H                |        |
| Lattice | PALCE26V12H [PLCC28]       | (48)   |
| Lattice | PALCE26V12H/4              |        |
| Lattice | PALCE26V12H/4 [PLCC28]     | (48)   |
| Lattice | PALCE29M16/4               |        |
| Lattice | PALCE29M16/4 [PLCC28]      | (48)   |
| Lattice | PALCE29MA16/4              |        |
| Lattice | PALCE29MA16/4 [PLCC28]     | (48)   |
| Lattice | PALCE610H                  |        |
| Lattice | PALCE610H [PLCC28]         | (48)   |
| Lattice | PALLV16V8                  |        |
| Lattice | PALLV16V8 [PLCC20]         | (47)   |
| Lattice | PALLV16V8 [SOIC20]         | (119)  |
| Lattice | PALLV16V8Z                 |        |
| Lattice | PALLV16V8Z [PLCC20]        | (47)   |
| Lattice | PALLV16V8Z [SOIC20]        | (119)  |
| Lattice | PALLV22V10                 |        |
| Lattice | PALLV22V10 [PLCC28]        | (48)   |
| Lattice | PALLV22V10Z                |        |
| Lattice | PALLV22V10Z [PLCC28]       | (48)   |
| Lattice | RAL10H8                    |        |
| Lattice | RAL10H8 [PLCC20]           | (47)   |
| Lattice | RAL10H8A                   |        |
| Lattice | RAL10H8A [PLCC20]          | (47)   |
| Lattice | RAL10H8B                   |        |
| Lattice | RAL10H8B [PLCC20]          | (47)   |
| Lattice | RAL10L8                    |        |
| Lattice | RAL10L8 [PLCC20]           | (47)   |
| Lattice | RAL10L8A                   |        |
| Lattice | RAL10L8A [PLCC20]          | (47)   |
| Lattice | RAL10L8B                   |        |
| Lattice | RAL10L8B [PLCC20]          | (47)   |
| Lattice | RAL10P8                    |        |
| Lattice | RAL10P8 [PLCC20]           | (47)   |
| Lattice | RAL10P8A                   |        |
| Lattice | RAL10P8A [PLCC20]          | (47)   |
| Lattice | RAL10P8B                   |        |
| Lattice | RAL10P8B [PLCC20]          | (47)   |
| Lattice | RAL12H6                    |        |
| Lattice | RAL12H6 [PLCC20]           | (47)   |
| Lattice | RAL12H6A                   |        |
| Lattice | RAL12H6A [PLCC20]          | (47)   |
| Lattice | RAL12H6B                   |        |
| Lattice | RAL12H6B [PLCC20]          | (47)   |
| Lattice | RAL12L6                    |        |
| Lattice | RAL12L6 [PLCC20]           | (47)   |
| Lattice | RAL12L6A                   |        |
| Lattice | RAL12L6A [PLCC20]          | (47)   |
| Lattice | RAL12L6B                   |        |
| Lattice | RAL12L6B [PLCC20]          | (47)   |
| Lattice | RAL12P6                    |        |
| Lattice | RAL12P6 [PLCC20]           | (47)   |
| Lattice | RAL12P6A                   |        |
| Lattice | RAL12P6A [PLCC20]          | (47)   |
| Lattice | RAL12P6B                   |        |
| Lattice | RAL12P6B [PLCC20]          | (47)   |
| Lattice | RAL14H4                    |        |
| Lattice | RAL14H4 [PLCC20]           | (47)   |
| Lattice | RAL14H4A                   |        |
| Lattice | RAL14H4A [PLCC20]          | (47)   |
| Lattice | RAL14H4B                   |        |
| Lattice | RAL14H4B [PLCC20]          | (47)   |
| Lattice | RAL14H8                    |        |
| Lattice | RAL14H8 [PLCC28]           | (48)   |
| Lattice | RAL14H8A                   |        |
| Lattice | RAL14H8A [PLCC28]          | (48)   |
| Lattice | RAL14H8B                   |        |
| Lattice | RAL14H8B [PLCC28]          | (48)   |
| Lattice | RAL14L4                    |        |
| Lattice | RAL14L4 [PLCC20]           | (47)   |
| Lattice | RAL14L4A                   |        |
| Lattice | RAL14L4A [PLCC20]          | (47)   |
| Lattice | RAL14L4B                   |        |
| Lattice | RAL14L4B [PLCC20]          | (47)   |
| Lattice | RAL14L8                    |        |
| Lattice | RAL14L8 [PLCC28]           | (48)   |
| Lattice | RAL14L8A                   |        |
| Lattice | RAL14L8A [PLCC28]          | (48)   |
| Lattice | RAL14L8B                   |        |
| Lattice | RAL14L8B [PLCC28]          | (48)   |
| Lattice | RAL14P4                    |        |
| Lattice | RAL14P4 [PLCC20]           | (47)   |
| Lattice | RAL14P4A                   |        |
| Lattice | RAL14P4A [PLCC20]          | (47)   |
| Lattice | RAL14P4B                   |        |
| Lattice | RAL14P4B [PLCC20]          | (47)   |
| Lattice | RAL14P8                    |        |
| Lattice | RAL14P8 [PLCC28]           | (48)   |
| Lattice | RAL14P8A                   |        |
| Lattice | RAL14P8A [PLCC28]          | (48)   |

|         |                    |      |
|---------|--------------------|------|
| Lattice | RAL14P8B           |      |
| Lattice | RAL14P8B [PLCC28]  | (48) |
| Lattice | RAL16H2            |      |
| Lattice | RAL16H2 [PLCC20]   | (47) |
| Lattice | RAL16H2A           |      |
| Lattice | RAL16H2A [PLCC20]  | (47) |
| Lattice | RAL16H2B           |      |
| Lattice | RAL16H2B [PLCC20]  | (47) |
| Lattice | RAL16H6            |      |
| Lattice | RAL16H6 [PLCC28]   | (48) |
| Lattice | RAL16H6A           |      |
| Lattice | RAL16H6A [PLCC28]  | (48) |
| Lattice | RAL16H6B           |      |
| Lattice | RAL16H6B [PLCC28]  | (48) |
| Lattice | RAL16H8            |      |
| Lattice | RAL16H8 [PLCC20]   | (47) |
| Lattice | RAL16H8A           |      |
| Lattice | RAL16H8A [PLCC20]  | (47) |
| Lattice | RAL16H8B           |      |
| Lattice | RAL16H8B [PLCC20]  | (47) |
| Lattice | RAL16L2            |      |
| Lattice | RAL16L2 [PLCC20]   | (47) |
| Lattice | RAL16L2A           |      |
| Lattice | RAL16L2A [PLCC20]  | (47) |
| Lattice | RAL16L2B           |      |
| Lattice | RAL16L2B [PLCC20]  | (47) |
| Lattice | RAL16L6            |      |
| Lattice | RAL16L6 [PLCC28]   | (48) |
| Lattice | RAL16L6A           |      |
| Lattice | RAL16L6A [PLCC28]  | (48) |
| Lattice | RAL16L6B           |      |
| Lattice | RAL16L6B [PLCC28]  | (48) |
| Lattice | RAL16L8            |      |
| Lattice | RAL16L8 [PLCC20]   | (47) |
| Lattice | RAL16L8A           |      |
| Lattice | RAL16L8A [PLCC20]  | (47) |
| Lattice | RAL16L8B           |      |
| Lattice | RAL16L8B [PLCC20]  | (47) |
| Lattice | RAL16P2            |      |
| Lattice | RAL16P2 [PLCC20]   | (47) |
| Lattice | RAL16P2A           |      |
| Lattice | RAL16P2A [PLCC20]  | (47) |
| Lattice | RAL16P2B           |      |
| Lattice | RAL16P2B [PLCC20]  | (47) |
| Lattice | RAL16P6            |      |
| Lattice | RAL16P6 [PLCC28]   | (48) |
| Lattice | RAL16P6A           |      |
| Lattice | RAL16P6A [PLCC28]  | (48) |
| Lattice | RAL16P6B           |      |
| Lattice | RAL16P6B [PLCC28]  | (48) |
| Lattice | RAL16P8            |      |
| Lattice | RAL16P8 [PLCC20]   | (47) |
| Lattice | RAL16P8A           |      |
| Lattice | RAL16P8A [PLCC20]  | (47) |
| Lattice | RAL16P8B           |      |
| Lattice | RAL16P8B [PLCC20]  | (47) |
| Lattice | RAL16R4            |      |
| Lattice | RAL16R4 [PLCC20]   | (47) |
| Lattice | RAL16R4A           |      |
| Lattice | RAL16R4A [PLCC20]  | (47) |
| Lattice | RAL16R4B           |      |
| Lattice | RAL16R4B [PLCC20]  | (47) |
| Lattice | RAL16R6            |      |
| Lattice | RAL16R6 [PLCC20]   | (47) |
| Lattice | RAL16R6A           |      |
| Lattice | RAL16R6A [PLCC20]  | (47) |
| Lattice | RAL16R6B           |      |
| Lattice | RAL16R6B [PLCC20]  | (47) |
| Lattice | RAL16R8            |      |
| Lattice | RAL16R8 [PLCC20]   | (47) |
| Lattice | RAL16R8A           |      |
| Lattice | RAL16R8A [PLCC20]  | (47) |
| Lattice | RAL16R8B           |      |
| Lattice | RAL16R8B [PLCC20]  | (47) |
| Lattice | RAL16RP4           |      |
| Lattice | RAL16RP4 [PLCC20]  | (47) |
| Lattice | RAL16RP4A          |      |
| Lattice | RAL16RP4A [PLCC20] | (47) |
| Lattice | RAL16RP4B          |      |
| Lattice | RAL16RP4B [PLCC20] | (47) |
| Lattice | RAL16RP6           |      |
| Lattice | RAL16RP6 [PLCC20]  | (47) |
| Lattice | RAL16RP6A          |      |
| Lattice | RAL16RP6A [PLCC20] | (47) |
| Lattice | RAL16RP6B          |      |
| Lattice | RAL16RP6B [PLCC20] | (47) |
| Lattice | RAL16RP8           |      |
| Lattice | RAL16RP8 [PLCC20]  | (47) |
| Lattice | RAL16RP8A          |      |
| Lattice | RAL16RP8A [PLCC20] | (47) |
| Lattice | RAL16RP8B          |      |
| Lattice | RAL16RP8B [PLCC20] | (47) |
| Lattice | RAL18H4            |      |
| Lattice | RAL18H4 [PLCC28]   | (48) |
| Lattice | RAL18H4A           |      |
| Lattice | RAL18H4A [PLCC28]  | (48) |
| Lattice | RAL18H4B           |      |
| Lattice | RAL18H4B [PLCC28]  | (48) |
| Lattice | RAL18L4            |      |
| Lattice | RAL18L4 [PLCC28]   | (48) |
| Lattice | RAL18L4A           |      |
| Lattice | RAL18L4A [PLCC28]  | (48) |
| Lattice | RAL18L4B           |      |
| Lattice | RAL18L4B [PLCC28]  | (48) |
| Lattice | RAL18P4            |      |
| Lattice | RAL18P4 [PLCC28]   | (48) |
| Lattice | RAL18P4A           |      |
| Lattice | RAL18P4A [PLCC28]  | (48) |
| Lattice | RAL18P4B           |      |
| Lattice | RAL18P4B [PLCC28]  | (48) |
| Lattice | RAL20H2            |      |
| Lattice | RAL20H2 [PLCC28]   | (48) |
| Lattice | RAL20H2A           |      |
| Lattice | RAL20H2A [PLCC28]  | (48) |
| Lattice | RAL20H2B           |      |
| Lattice | RAL20H2B [PLCC28]  | (48) |
| Lattice | RAL20H8            |      |
| Lattice | RAL20H8 [PLCC28]   | (48) |
| Lattice | RAL20H8A           |      |
| Lattice | RAL20H8A [PLCC28]  | (48) |
| Lattice | RAL20H8B           |      |
| Lattice | RAL20H8B [PLCC28]  | (48) |
| Lattice | RAL20L2            |      |
| Lattice | RAL20L2 [PLCC28]   | (48) |
| Lattice | RAL20L2A           |      |
| Lattice | RAL20L2A [PLCC28]  | (48) |
| Lattice | RAL20L2B           |      |
| Lattice | RAL20L2B [PLCC28]  | (48) |

|                   |                     |        |
|-------------------|---------------------|--------|
| Lattice           | RAL20L8             |        |
| Lattice           | RAL20L8 [PLCC28]    | (48)   |
| Lattice           | RAL20L8A            |        |
| Lattice           | RAL20L8A [PLCC28]   | (48)   |
| Lattice           | RAL20L8B            |        |
| Lattice           | RAL20L8B [PLCC28]   | (48)   |
| Lattice           | RAL20P2             |        |
| Lattice           | RAL20P2 [PLCC28]    | (48)   |
| Lattice           | RAL20P2A            |        |
| Lattice           | RAL20P2A [PLCC28]   | (48)   |
| Lattice           | RAL20P2B            |        |
| Lattice           | RAL20P2B [PLCC28]   | (48)   |
| Lattice           | RAL20P8             |        |
| Lattice           | RAL20P8 [PLCC28]    | (48)   |
| Lattice           | RAL20P8A            |        |
| Lattice           | RAL20P8A [PLCC28]   | (48)   |
| Lattice           | RAL20P8B            |        |
| Lattice           | RAL20P8B [PLCC28]   | (48)   |
| Lattice           | RAL20R4             |        |
| Lattice           | RAL20R4 [PLCC28]    | (48)   |
| Lattice           | RAL20R4A            |        |
| Lattice           | RAL20R4A [PLCC28]   | (48)   |
| Lattice           | RAL20R4B            |        |
| Lattice           | RAL20R4B [PLCC28]   | (48)   |
| Lattice           | RAL20R6             |        |
| Lattice           | RAL20R6 [PLCC28]    | (48)   |
| Lattice           | RAL20R6A            |        |
| Lattice           | RAL20R6A [PLCC28]   | (48)   |
| Lattice           | RAL20R6B            |        |
| Lattice           | RAL20R6B [PLCC28]   | (48)   |
| Lattice           | RAL20R8             |        |
| Lattice           | RAL20R8 [PLCC28]    | (48)   |
| Lattice           | RAL20R8A            |        |
| Lattice           | RAL20R8A [PLCC28]   | (48)   |
| Lattice           | RAL20R8B            |        |
| Lattice           | RAL20R8B [PLCC28]   | (48)   |
| Lattice           | RAL20RP4            |        |
| Lattice           | RAL20RP4 [PLCC28]   | (48)   |
| Lattice           | RAL20RP4A           |        |
| Lattice           | RAL20RP4A [PLCC28]  | (48)   |
| Lattice           | RAL20RP4B           |        |
| Lattice           | RAL20RP4B [PLCC28]  | (48)   |
| Lattice           | RAL20RP6            |        |
| Lattice           | RAL20RP6 [PLCC28]   | (48)   |
| Lattice           | RAL20RP6A           |        |
| Lattice           | RAL20RP6A [PLCC28]  | (48)   |
| Lattice           | RAL20RP6B           |        |
| Lattice           | RAL20RP6B [PLCC28]  | (48)   |
| Lattice           | RAL20RP8            |        |
| Lattice           | RAL20RP8 [PLCC28]   | (48)   |
| Lattice           | RAL20RP8A           |        |
| Lattice           | RAL20RP8A [PLCC28]  | (48)   |
| Lattice           | RAL20RP8B           |        |
| Lattice           | RAL20RP8B [PLCC28]  | (48)   |
| Linear Technology | LTC2977 [QFN64]     | (2949) |
| Linear Technology | LTC2978 [QFN64]     | (2949) |
| Linear Technology | LTC3884 [QFN48]     | (4140) |
| Linear Technology | LTC3887 [QFN40]     | (4211) |
| Linear Technology | LTC3887-1 [QFN40]   | (4211) |
| LinkSmart         | L24C02              |        |
| LinkSmart         | L24C02 (ISP)        | (138)  |
| LinkSmart         | L24C02 [SOP8]       | (950)  |
| LinkSmart         | L24C04              |        |
| LinkSmart         | L24C04 (ISP)        | (138)  |
| LinkSmart         | L24C04 [SOP8]       | (950)  |
| LinkSmart         | L24C04 [TSSOP8]     | (121)  |
| LinkSmart         | L24M04              |        |
| LinkSmart         | L24M04 (ISP)        | (138)  |
| LinkSmart         | L24M04 [SOP8]       | (950)  |
| LinkSmart         | L24M08              |        |
| LinkSmart         | L24M08 (ISP)        | (138)  |
| LinkSmart         | L24M08 [SOP8]       | (950)  |
| LinkSmart         | L24W02              |        |
| LinkSmart         | L24W02 (ISP)        | (138)  |
| LinkSmart         | L24W02 [SOP8]       | (950)  |
| LinkSmart         | L24W04              |        |
| LinkSmart         | L24W04 (ISP)        | (138)  |
| LinkSmart         | L24W04 [SOP8]       | (950)  |
| LinkSmart         | L24W08              |        |
| LinkSmart         | L24W08 (ISP)        | (138)  |
| LinkSmart         | L24W08 [SOP8]       | (950)  |
| LinkSmart         | L24W16              |        |
| LinkSmart         | L24W16 [SOP8]       | (950)  |
| LinkSmart         | L24W32              |        |
| LinkSmart         | L24W32 [SOP8]       | (950)  |
| LinkSmart         | L24W64              |        |
| LinkSmart         | L24W64 [SOP8]       | (950)  |
| LinkSmart         | L29004CL [PLCC32]   | (1384) |
| LinkSmart         | L29004CP            |        |
| LinkSmart         | L29004CT [TSOP32]   | (1381) |
| LinkSmart         | L29S160F [TSOP48]   | (1346) |
| LinkSmart         | L29S160F-B [TSOP48] | (1346) |
| LinkSmart         | L29S400F [PSOP44]   | (1356) |
| LinkSmart         | L29S400F [TSOP48]   | (1346) |
| LinkSmart         | L29S400F-B [PSOP44] | (1356) |
| LinkSmart         | L29S400F-B [TSOP48] | (1346) |
| LinkSmart         | L29S800F [TSOP48]   | (1346) |
| LinkSmart         | L29S800F-B [TSOP48] | (1346) |
| LinkSmart         | LST28001            |        |
| LinkSmart         | LST28001 [PLCC32]   | (1399) |
| LinkSmart         | LST28001 [TSOP32]   | (1414) |
| LinkSmart         | LST28002            |        |
| LinkSmart         | LST28002 [PLCC32]   | (1399) |
| LinkSmart         | LST28002 [TSOP32]   | (1414) |
| LinkSmart         | LST28004            |        |
| LinkSmart         | LST28004 [PLCC32]   | (1384) |
| LinkSmart         | LST28004 [TSOP32]   | (1381) |
| Litao             | LT24C01             |        |
| Litao             | LT24C01 (ISP)       | (138)  |
| Litao             | LT24C02             |        |
| Litao             | LT24C02 (ISP)       | (138)  |
| Litao             | LT24C04             |        |
| Litao             | LT24C04 (ISP)       | (138)  |
| Litao             | LT24C08             |        |
| Litao             | LT24C08 (ISP)       | (138)  |
| Litao             | LT24C16             |        |
| Litao             | LT24C16 (ISP)       | (138)  |
| Lize              | L24C02              |        |
| Lize              | L24C02 (ISP)        | (138)  |
| Lize              | L24C02 [SOP8]       | (950)  |
| Lize              | L24C02 [TSSOP8]     | (121)  |
| Lize              | L24C02B             |        |
| Lize              | L24C02B (ISP)       | (138)  |
| Lize              | L24C02B [SOP8]      | (950)  |
| Lize              | L24C02B [TSSOP8]    | (121)  |
| Lize              | L24C04              |        |
| Lize              | L24C04 (ISP)        | (138)  |
| Lize              | L24C04 [SOP8]       | (950)  |



|                |           |                   |             |
|----------------|-----------|-------------------|-------------|
| Size           | L24C04    | [TSSOP8]          | (121)       |
| Size           | L24C08    |                   |             |
| Size           | L24C08    | (ISP)             | (138)       |
| Size           | L24C08    | [SOP8]            | (950)       |
| Size           | L24C08    | [TSSOP8]          | (121)       |
| Size           | L24C08B   |                   |             |
| Size           | L24C08B   | (ISP)             | (138)       |
| Size           | L24C08B   | [SOP8]            | (950)       |
| Size           | L24C08B   | [TSSOP8]          | (121)       |
| Size           | L24C128   |                   |             |
| Size           | L24C128   | (ISP)             | (138)       |
| Size           | L24C128   | [SOP8]            | (950)       |
| Size           | L24C128   | [TSSOP8]          | (121)       |
| Size           | L24C128A  |                   |             |
| Size           | L24C128A  | (ISP)             | (138)       |
| Size           | L24C128A  | [DFN8-2x3]        | (4538)      |
| Size           | L24C128A  | [SOP8]            | (950)       |
| Size           | L24C128A  | [TSSOP8]          | (121)       |
| Size           | L24C16    |                   |             |
| Size           | L24C16    | (ISP)             | (138)       |
| Size           | L24C16    | [SOP8]            | (950)       |
| Size           | L24C16    | [TSSOP8]          | (121)       |
| Size           | L24C256   |                   |             |
| Size           | L24C256   | (ISP)             | (138)       |
| Size           | L24C256   | [SOP8]            | (950)       |
| Size           | L24C256   | [TSSOP8]          | (121)       |
| Size           | L24C32    |                   |             |
| Size           | L24C32    | (ISP)             | (138)       |
| Size           | L24C32    | [SOP8]            | (950)       |
| Size           | L24C32    | [TSSOP8]          | (121)       |
| Size           | L24C32A   |                   |             |
| Size           | L24C32A   | (ISP)             | (138)       |
| Size           | L24C32A   | [DFN8-2x3]        | (4538)      |
| Size           | L24C32A   | [SOP8]            | (950)       |
| Size           | L24C32A   | [TSSOP8]          | (121)       |
| Size           | L24C512   |                   |             |
| Size           | L24C512   | (ISP)             | (138)       |
| Size           | L24C512   | [SOP8]            | (950)       |
| Size           | L24C512   | [TSSOP8]          | (121)       |
| Size           | L24C64    |                   |             |
| Size           | L24C64    | (ISP)             | (138)       |
| Size           | L24C64    | [SOP8]            | (950)       |
| Size           | L24C64    | [TSSOP8]          | (121)       |
| Size           | L93C46    | (x16)             |             |
| Size           | L93C46    | (x16) (ISP)       | (138)       |
| Size           | L93C46    | (x16) [SOIC8-150] | (950)       |
| Size           | L93C46    | (x16) [TSSOP8]    | (121)       |
| Size           | L93C46    | (x8)              |             |
| Size           | L93C46    | (x8) (ISP)        | (138)       |
| Size           | L93C46    | (x8) [SOIC8-150]  | (950)       |
| Size           | L93C46    | (x8) [TSSOP8]     | (121)       |
| Size           | L93C56    | (x16)             |             |
| Size           | L93C56    | (x16) (ISP)       | (138)       |
| Size           | L93C56    | (x16) [SOIC8-150] | (950)       |
| Size           | L93C56    | (x16) [TSSOP8]    | (121)       |
| Size           | L93C56    | (x8)              |             |
| Size           | L93C56    | (x8) (ISP)        | (138)       |
| Size           | L93C56    | (x8) [SOIC8-150]  | (950)       |
| Size           | L93C56    | (x8) [TSSOP8]     | (121)       |
| Size           | L93C66    | (x16)             |             |
| Size           | L93C66    | (x16) (ISP)       | (138)       |
| Size           | L93C66    | (x16) [SOIC8-150] | (950)       |
| Size           | L93C66    | (x16) [TSSOP8]    | (121)       |
| Size           | L93C66    | (x8)              |             |
| Size           | L93C66    | (x8) (ISP)        | (138)       |
| Size           | L93C66    | (x8) [SOIC8-150]  | (950)       |
| Size           | L93C66    | (x8) [TSSOP8]     | (121)       |
| LRC            | LR24C02   |                   |             |
| LRC            | LR24C02   | (ISP)             | (138)       |
| LRC            | LR24C02   | [SOP8]            | (950)       |
| LRC            | LR24C02   | [TSSOP8]          | (121)       |
| LRC            | LR24C04   |                   |             |
| LRC            | LR24C04   | (ISP)             | (138)       |
| LRC            | LR24C04   | [SOP8]            | (950)       |
| LRC            | LR24C04   | [TSSOP8]          | (121)       |
| LRC            | LR24C08   |                   |             |
| LRC            | LR24C08   | (ISP)             | (138)       |
| LRC            | LR24C08   | [SOP8]            | (950)       |
| LRC            | LR24C08   | [TSSOP8]          | (121)       |
| LRC            | LR24C128  |                   |             |
| LRC            | LR24C128  | (ISP)             | (138)       |
| LRC            | LR24C128  | [SOP8]            | (950)       |
| LRC            | LR24C128  | [TSSOP8]          | (121)       |
| LRC            | LR24C16   |                   |             |
| LRC            | LR24C16   | (ISP)             | (138)       |
| LRC            | LR24C16   | [SOP8]            | (950)       |
| LRC            | LR24C16   | [TSSOP8]          | (121)       |
| LRC            | LR24C256  |                   |             |
| LRC            | LR24C256  | (ISP)             | (138)       |
| LRC            | LR24C256  | [SOP8]            | (950)       |
| LRC            | LR24C256  | [TSSOP8]          | (121)       |
| LRC            | LR24C32   |                   |             |
| LRC            | LR24C32   | (ISP)             | (138)       |
| LRC            | LR24C32   | [SOP8]            | (950)       |
| LRC            | LR24C32   | [TSSOP8]          | (121)       |
| LRC            | LR24C64   |                   |             |
| LRC            | LR24C64   | (ISP)             | (138)       |
| LRC            | LR24C64   | [SOP8]            | (950)       |
| LRC            | LR24C64   | [TSSOP8]          | (121)       |
| LRC            | LR25D16S  | [SOP8-150]        | (3094) (*1) |
| LRC            | LR25D16S  | [SOP8-150]        | (3094) (*1) |
| LRC            | LR25D16S  | [SOP8-208]        | (3087) (*1) |
| LRC            | LR25D16S  | [SOP8-208]        | (3087) (*1) |
| LRC            | LR25D40S  | [SOP8-150]        | (3094) (*1) |
| LRC            | LR25D80S  | [SOP8-150]        | (3094) (*1) |
| LRC            | LR25D80S  | [SOP8-150]        | (3094) (*1) |
| LRC            | LR25D80S  | [SOP8-208]        | (3087) (*1) |
| LRC            | LR25D80S  | [SOP8-208]        | (3087) (*1) |
| LRC            | LR25Q128S | [SOP8-208]        | (3087) (*1) |
| LRC            | LR25Q128S | [SOP8-208]        | (3087) (*1) |
| LRC            | LR25Q32S  | [SOP8-150]        | (3094) (*1) |
| LRC            | LR25Q32S  | [SOP8-208]        | (3087) (*1) |
| LRC            | LR25Q64S  | [SOP8-208]        | (3087) (*1) |
| Luminary Micro | LM3S101   | [SOIC28]          | (51)        |
| Luminary Micro | LM3S102   | [SOIC28]          | (51)        |
| Luminary Micro | LM3S1110  | [BGA108]          | (1221)      |
| Luminary Micro | LM3S1110  | [LQFP100]         | (1200)      |
| Luminary Micro | LM3S1133  | [BGA108]          | (1221)      |
| Luminary Micro | LM3S1133  | [LQFP100]         | (1200)      |
| Luminary Micro | LM3S1138  | [BGA108]          | (1221)      |
| Luminary Micro | LM3S1138  | [LQFP100]         | (1200)      |
| Luminary Micro | LM3S1150  | [BGA108]          | (1221)      |
| Luminary Micro | LM3S1150  | [LQFP100]         | (1200)      |
| Luminary Micro | LM3S1162  | [BGA108]          | (1221)      |
| Luminary Micro | LM3S1162  | [LQFP100]         | (1200)      |
| Luminary Micro | LM3S1165  | [BGA108]          | (1221)      |
| Luminary Micro | LM3S1165  | [LQFP100]         | (1200)      |
| Luminary Micro | LM3S1332  | [BGA108]          | (1221)      |

|                |            |            |              |
|----------------|------------|------------|--------------|
| Luminary Micro | LM3S1332   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1435   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1435   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1439   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1439   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1512   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1512   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1538   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1538   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1601   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1601   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1607   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S1608   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1608   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1620   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1620   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1625   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S1626   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S1627   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S1635   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1635   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1637   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1637   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1751   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1751   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1776   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S1811   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S1816   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S1850   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1850   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1911   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1911   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1918   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1918   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1937   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1937   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1958   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1958   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1960   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1960   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1968   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S1968   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S1821   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S1J11   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S1J16   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S1N11   | [BGA108]   | (2296)       |
| Luminary Micro | LM3S1N11   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S1N16   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S1P51   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S1R21   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S1W16   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S1Z16   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S2110   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2110   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2139   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2139   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2276   | (ISP-JTAG) | (138) (9997) |
| Luminary Micro | LM3S2276   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S2410   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2410   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2412   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2412   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2432   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2432   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2533   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2533   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2601   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2601   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2608   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2608   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2616   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S2620   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2620   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2637   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2637   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2651   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2651   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2671   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S2678   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S2730   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2730   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2739   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2739   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2776   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S2793   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S2911   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2911   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2918   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2918   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2939   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2939   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2948   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2948   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2950   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2950   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2965   | [BGA108]   | (1221)       |
| Luminary Micro | LM3S2965   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S2893   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S300    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S300-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S300-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S301    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S301-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S301-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S308    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S308-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S308-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S310    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S310-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S310-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S315    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S315-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S315-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S316    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S316-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S316-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S317    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S317-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S317-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S328    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S328-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S328-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S3634   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S3651   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S3739   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S3748   | (ISP-JTAG) | (138) (9997) |
| Luminary Micro | LM3S3748   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S3749   | [LQFP100]  | (1200)       |

|                |            |            |              |
|----------------|------------|------------|--------------|
| Luminary Micro | LM3S3759   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S3768   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S3826   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S3J26   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S3N26   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S3W26   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S3Z26   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S5632   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S5652   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S5662   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S5732   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S5737   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S5739   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S5747   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S5749   | (ISP-JTAG) | (138) (9997) |
| Luminary Micro | LM3S5749   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S5752   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S5757   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S5762   | [LQFP64]   | (1199)       |
| Luminary Micro | LM3S5767   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S5768   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S5769   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S5791   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S5951   | BGA108]    | (2296)       |
| Luminary Micro | LM3S5951   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S5956   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S5891   | BGA108]    | (2296)       |
| Luminary Micro | LM3S5891   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S5K31   | BGA108]    | (2296)       |
| Luminary Micro | LM3S5K31   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S5K36   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S5P31   | BGA108]    | (2296)       |
| Luminary Micro | LM3S5P31   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S5P36   | (ISP-JTAG) | (138) (9997) |
| Luminary Micro | LM3S5P36   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S5P51   | BGA108]    | (2296)       |
| Luminary Micro | LM3S5P51   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S5P56   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S5R31   | BGA108]    | (2296)       |
| Luminary Micro | LM3S5R31   | [LQFP100]  | (2272)       |
| Luminary Micro | LM3S5R36   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S5T36   | (ISP-JTAG) | (138) (9997) |
| Luminary Micro | LM3S5T36   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S5Y36   | [LQFP64]   | (2271)       |
| Luminary Micro | LM3S600    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S600-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S600-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S601    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S601-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S601-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S608    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S608-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S608-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S610    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S6100   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6100   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S610-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S610-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S611    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S6110   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6110   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S611-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S612    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S612-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S612-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S613    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S613-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S613-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S615    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S615-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S615-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S617    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S617-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S617-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S618    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S618-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S618-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S628    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S628-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S628-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S6420   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6420   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6422   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6422   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6432   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6432   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6537   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6537   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6610   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6610   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6611   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6611   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6618   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6618   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6633   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6633   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6637   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6637   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6730   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6730   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6753   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6753   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6911   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6911   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6918   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6938   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6938   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6950   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6950   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6952   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6952   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S6965   | (ISP-JTAG) | (138) (9997) |
| Luminary Micro | LM3S6965   | BGA108]    | (1221)       |
| Luminary Micro | LM3S6965   | [LQFP100]  | (1200)       |
| Luminary Micro | LM3S800    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S800-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S800-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S801    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S801-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S801-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S808    | (ISP-JTAG) | (138)        |
| Luminary Micro | LM3S808    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S808-C2 | (ISP-JTAG) | (138)        |
| Luminary Micro | LM3S808-C2 | [LQFP48]   | (174)        |
| Luminary Micro | LM3S808-C2 | [QFN48]    | (567)        |
| Luminary Micro | LM3S811    | (ISP-JTAG) | (138)        |
| Luminary Micro | LM3S811    | [LQFP48]   | (174)        |
| Luminary Micro | LM3S811-C2 | (ISP-JTAG) | (138)        |

|                |               |                        |              |
|----------------|---------------|------------------------|--------------|
| Luminary Micro | LM3S811-C2    | [LQFP48]               | (174)        |
| Luminary Micro | LM3S811-C2    | [QFN48]                | (567)        |
| Luminary Micro | LM3S812       | [LQFP48]               | (174)        |
| Luminary Micro | LM3S812-C2    | [LQFP48]               | (174)        |
| Luminary Micro | LM3S812-C2    | [QFN48]                | (567)        |
| Luminary Micro | LM3S815       | [LQFP48]               | (174)        |
| Luminary Micro | LM3S815-C2    | [LQFP48]               | (174)        |
| Luminary Micro | LM3S815-C2    | [QFN48]                | (567)        |
| Luminary Micro | LM3S817       | [LQFP48]               | (174)        |
| Luminary Micro | LM3S817-C2    | [LQFP48]               | (174)        |
| Luminary Micro | LM3S817-C2    | [QFN48]                | (567)        |
| Luminary Micro | LM3S818       | [LQFP48]               | (174)        |
| Luminary Micro | LM3S818-C2    | [LQFP48]               | (174)        |
| Luminary Micro | LM3S818-C2    | [QFN48]                | (567)        |
| Luminary Micro | LM3S828       | [LQFP48]               | (174)        |
| Luminary Micro | LM3S828-C2    | [LQFP48]               | (174)        |
| Luminary Micro | LM3S828-C2    | [QFN48]                | (567)        |
| Luminary Micro | LM3S8530      | [BGA108]               | (1221)       |
| Luminary Micro | LM3S8530      | [LQFP100]              | (1200)       |
| Luminary Micro | LM3S8538      | [BGA108]               | (1221)       |
| Luminary Micro | LM3S8538      | [LQFP100]              | (1200)       |
| Luminary Micro | LM3S8630      | [BGA108]               | (1221)       |
| Luminary Micro | LM3S8630      | [LQFP100]              | (1200)       |
| Luminary Micro | LM3S8730      | [BGA108]               | (1221)       |
| Luminary Micro | LM3S8730      | [LQFP100]              | (1200)       |
| Luminary Micro | LM3S8733      | [BGA108]               | (1221)       |
| Luminary Micro | LM3S8733      | [LQFP100]              | (1200)       |
| Luminary Micro | LM3S8738      | (ISP-JTAG)             | (138)        |
| Luminary Micro | LM3S8738      | [BGA108]               | (1221)       |
| Luminary Micro | LM3S8738      | [LQFP100]              | (1200)       |
| Luminary Micro | LM3S8930      | [BGA108]               | (1221)       |
| Luminary Micro | LM3S8930      | [LQFP100]              | (1200)       |
| Luminary Micro | LM3S8933      | [BGA108]               | (1221)       |
| Luminary Micro | LM3S8933      | [LQFP100]              | (1200)       |
| Luminary Micro | LM3S8938      | [BGA108]               | (1221)       |
| Luminary Micro | LM3S8938      | [LQFP100]              | (1200)       |
| Luminary Micro | LM3S8962      | [BGA108]               | (1221)       |
| Luminary Micro | LM3S8962      | [LQFP100]              | (1200)       |
| Luminary Micro | LM3S8970      | [BGA108]               | (1221)       |
| Luminary Micro | LM3S8970      | [LQFP100]              | (1200)       |
| Luminary Micro | LM3S8971      | [BGA108]               | (1221)       |
| Luminary Micro | LM3S8971      | [LQFP100]              | (1200)       |
| Luminary Micro | LM3S9781      | [BGA108]               | (2296)       |
| Luminary Micro | LM3S9781      | [LQFP100]              | (2272)       |
| Luminary Micro | LM3S9790      | [BGA108]               | (2296)       |
| Luminary Micro | LM3S9790      | [LQFP100]              | (2272)       |
| Luminary Micro | LM3S9791      | [BGA108]               | (2296)       |
| Luminary Micro | LM3S9792      | [BGA108]               | (2296)       |
| Luminary Micro | LM3S9792      | [LQFP100]              | (2272)       |
| Luminary Micro | LM3S9997      | [BGA108]               | (2296)       |
| Luminary Micro | LM3S9997      | [LQFP100]              | (2272)       |
| Luminary Micro | LM3S9881      | [BGA108]               | (2296)       |
| Luminary Micro | LM3S9881      | [LQFP100]              | (2272)       |
| Luminary Micro | LM3S9890      | [BGA108]               | (2296)       |
| Luminary Micro | LM3S9890      | [LQFP100]              | (2272)       |
| Luminary Micro | LM3S9892      | (ISP-JTAG)             | (138) (9997) |
| Luminary Micro | LM3S9892      | [BGA108]               | (2296)       |
| Luminary Micro | LM3S9892      | [LQFP100]              | (2272)       |
| Luminary Micro | LM3S9895      | [BGA108]               | (2296)       |
| Luminary Micro | LM3S9895      | [LQFP100]              | (2272)       |
| Luminary Micro | LM3S9896      | [BGA108]               | (2296)       |
| Luminary Micro | LM3S9896      | [LQFP100]              | (2272)       |
| Luminary Micro | LM3S9L97      | [BGA108]               | (2296)       |
| Luminary Micro | LM3S9L97      | [LQFP100]              | (2272)       |
| Lyontek        | LY24C02       |                        |              |
| Lyontek        | LY24C02       | (ISP)                  | (138)        |
| Lyontek        | LY24C02       | [SOIC8]                | (950)        |
| Lyontek        | LY24C02       | [TSSOP8]               | (121)        |
| Lyontek        | LY24C04       |                        |              |
| Lyontek        | LY24C04       | (ISP)                  | (138)        |
| Lyontek        | LY24C04       | [SOIC8]                | (950)        |
| Lyontek        | LY24C04       | [TSSOP8]               | (121)        |
| Lyontek        | LY24C08       |                        |              |
| Lyontek        | LY24C08       | (ISP)                  | (138)        |
| Lyontek        | LY24C08       | [SOIC8]                | (950)        |
| Lyontek        | LY24C08       | [TSSOP8]               | (121)        |
| Lyontek        | LY24C16       |                        |              |
| Lyontek        | LY24C16       | (ISP)                  | (138)        |
| Lyontek        | LY24C16       | [SOIC8]                | (950)        |
| Lyontek        | LY24C16       | [TSSOP8]               | (121)        |
| Macronix       | KH25L1005     | (ISP)                  | (138)        |
| Macronix       | KH25L1005     | [SOP8-150]             | (3095) (*1)  |
| Macronix       | KH25L1006E    | (ISP)                  | (138)        |
| Macronix       | KH25L1006E    | [SOP8-150]             | (3095) (*1)  |
| Macronix       | KH25L1006E    | [SOP8-150] (Dual o)    | (3095) (*1)  |
| Macronix       | KH25L1006E    | [USON8]                | (3934) (*1)  |
| Macronix       | KH25L1021E    | [SOP8-150]             | (3095) (*1)  |
| Macronix       | KH25L1021E    | [TSSOP8]               | (1388)       |
| Macronix       | KH25L1021E    | [USON8 2x3]            | (3934) (*1)  |
| Macronix       | KH25L1026E    | [SOP8-150]             | (3095) (*1)  |
| Macronix       | KH25L1026E    | [SOP8-150] (Dual o)    | (3095) (*1)  |
| Macronix       | KH25L12833F   | [SOP8-200]             | (3087) (*1)  |
| Macronix       | KH25L12833F   | [SOP8-200] (Quad I/O)  | (3087) (*1)  |
| Macronix       | KH25L12835F   | (ISP)                  | (138) (9997) |
| Macronix       | KH25L12835F   | [SOP16] (Quad I/O)     | (3101) (*1)  |
| Macronix       | KH25L12835F   | [SOP8] (Quad I/O)      | (3088) (*1)  |
| Macronix       | KH25L12835F   | [WSON8 6x5] (Quad I/O) | (3097) (*1)  |
| Macronix       | KH25L12835F   | [WSON8 8x6] (Quad I/O) | (3053) (*1)  |
| Macronix       | KH25L12839F   | [WSON8 6x5] (Quad I/O) | (3097) (*1)  |
| Macronix       | KH25L12845E   | [SOP16]                | (3101) (*1)  |
| Macronix       | KH25L12845E   | [SOP16] (Dual I/O)     | (3101) (*1)  |
| Macronix       | KH25L12845E   | [SOP16] (Quad I/O)     | (3101) (*1)  |
| Macronix       | KH25L12845E   | [WSON8]                | (3053) (*1)  |
| Macronix       | KH25L12845E   | [WSON8] (Dual I/O)     | (3053) (*1)  |
| Macronix       | KH25L12845E   | [WSON8] (Quad I/O)     | (3053) (*1)  |
| Macronix       | KH25L12855F   | [SOP16] (Quad I/O)     | (3101) (*1)  |
| Macronix       | KH25L12855FXC | [TFBGA24] (Quad I/O)   | (1268) (*1)  |
| Macronix       | KH25L12855FXD | [TFBGA24] (Quad I/O)   | (1343) (*1)  |
| Macronix       | KH25L12873F   | [SOP16] (Quad I/O)     | (3101) (*1)  |
| Macronix       | KH25L12873F   | [SOP8] (Quad I/O)      | (3088) (*1)  |
| Macronix       | KH25L12873F   | [WSON8 6x5] (Quad I/O) | (3097) (*1)  |
| Macronix       | KH25L1605A    | (ISP)                  | (138)        |
| Macronix       | KH25L1605A    | [SOP16]                | (3101) (*1)  |
| Macronix       | KH25L1605A    | [SOP8]                 | (3088) (*1)  |
| Macronix       | KH25L1605D    |                        |              |
| Macronix       | KH25L1605D    | [SOP16]                | (3101) (*1)  |
| Macronix       | KH25L1605D    | [SOP16] (Dual SPI)     | (3101) (*1)  |
| Macronix       | KH25L1605D    | [SOP8-150]             | (3095) (*1)  |
| Macronix       | KH25L1605D    | [SOP8-150] (Dual SPI)  | (3095) (*1)  |
| Macronix       | KH25L1605D    | [SOP8-200]             | (3088) (*1)  |
| Macronix       | KH25L1605D    | [SOP8-200] (Dual SPI)  | (3088) (*1)  |
| Macronix       | KH25L1605D    | [WSON8]                | (3097) (*1)  |
| Macronix       | KH25L1605D    | [WSON8] (Dual SPI)     | (3097) (*1)  |
| Macronix       | KH25L1606E    | (ISP)                  | (138)        |
| Macronix       | KH25L1606E    | [SOP8-150]             | (3095) (*1)  |
| Macronix       | KH25L1606E    | [SOP8-150] (Dual o)    | (3095) (*1)  |
| Macronix       | KH25L1606E    | [SOP8-200]             | (3088) (*1)  |
| Macronix       | KH25L1606E    | [SOP8-200] (Dual o)    | (3088) (*1)  |

|          |              |                          |             |
|----------|--------------|--------------------------|-------------|
| Macronix | KH25L1608E   | (ISP)                    | (138)       |
| Macronix | KH25L1608E   | [SOP8]                   | (3088) (*1) |
| Macronix | KH25L1608E   | [SOP8] (Dual o)          | (3088) (*1) |
| Macronix | KH25L1633E   | [SOP16]                  | (3101) (*1) |
| Macronix | KH25L1633E   | [SOP16] (Dual I/O)       | (3101) (*1) |
| Macronix | KH25L1633E   | [SOP16] (Quad I/O)       | (3101) (*1) |
| Macronix | KH25L1633E   | [SOP8-200]               | (3088) (*1) |
| Macronix | KH25L1633E   | [SOP8-200] (Dual I/O)    | (3088) (*1) |
| Macronix | KH25L1633E   | [SOP8-200] (Quad I/O)    | (3088) (*1) |
| Macronix | KH25L1633E   | [USON8]                  | (3099) (*1) |
| Macronix | KH25L1633E   | [USON8] (Dual I/O)       | (3099) (*1) |
| Macronix | KH25L1633E   | [USON8] (Quad I/O)       | (3099) (*1) |
| Macronix | KH25L1633E   | [WSN8]                   | (3097) (*1) |
| Macronix | KH25L1633E   | [WSN8] (Dual I/O)        | (3097) (*1) |
| Macronix | KH25L1633E   | [WSN8] (Quad I/O)        | (3097) (*1) |
| Macronix | KH25L1635D   | (ISP)                    | (138)       |
| Macronix | KH25L1635D   | [SOP16]                  | (3101) (*1) |
| Macronix | KH25L1635D   | [SOP16] (DualSPI)        | (3101) (*1) |
| Macronix | KH25L1635D   | [SOP8-200]               | (3088) (*1) |
| Macronix | KH25L1635D   | [SOP8-200] (DualSPI)     | (3088) (*1) |
| Macronix | KH25L1673E   | [SOP8]                   | (3088) (*1) |
| Macronix | KH25L1673E   | [SOP8] (Quad I/O)        | (3088) (*1) |
| Macronix | KH25L1673E   | [WSN8 6x5]               | (3097) (*1) |
| Macronix | KH25L1673E   | [WSN8 6x5] (Quad I/O)    | (3097) (*1) |
| Macronix | KH25L1691E   | (ISP)                    | (138)       |
| Macronix | KH25L1691E   | [SOP8]                   | (3087) (*1) |
| Macronix | KH25L1691E   | [SOP8] (Dual o)          | (3087) (*1) |
| Macronix | KH25L2005    | (ISP)                    | (138)       |
| Macronix | KH25L2005    | [SOP8-150]               | (3095) (*1) |
| Macronix | KH25L2006E   | (ISP)                    | (138)       |
| Macronix | KH25L2006E   | [SOP8-150]               | (3095) (*1) |
| Macronix | KH25L2006E   | [SOP8-150] (Dual o)      | (3095) (*1) |
| Macronix | KH25L2006E   | [USON8]                  | (3934) (*1) |
| Macronix | KH25L2006E   | [WSN8]                   | (3097) (*1) |
| Macronix | KH25L2006E   | [WSN8] (Dual o)          | (3097) (*1) |
| Macronix | KH25L25635F  | [SOP16] (Quad I/O)       | (3101) (*1) |
| Macronix | KH25L25635F  | [WSN8 8x6] (Quad I/O)    | (3053) (*1) |
| Macronix | KH25L25639F  | [WSN8 8x6] (Quad I/O)    | (3053) (*1) |
| Macronix | KH25L3205D   |                          |             |
| Macronix | KH25L3205D   | [SOP16]                  | (3101) (*1) |
| Macronix | KH25L3205D   | [SOP16] (DualSPI)        | (3101) (*1) |
| Macronix | KH25L3205D   | [SOP8-150]               | (3095) (*1) |
| Macronix | KH25L3205D   | [SOP8-150] (DualSPI)     | (3095) (*1) |
| Macronix | KH25L3205D   | [SOP8-200]               | (3088) (*1) |
| Macronix | KH25L3205D   | [SOP8-200] (DualSPI)     | (3088) (*1) |
| Macronix | KH25L3205D   | [WSN8]                   | (3097) (*1) |
| Macronix | KH25L3205D   | [WSN8] (DualSPI)         | (3097) (*1) |
| Macronix | KH25L3206E   |                          |             |
| Macronix | KH25L3206E   | (ISP)                    | (138)       |
| Macronix | KH25L3206E   | [BGA24 6x8]              | (1343) (*1) |
| Macronix | KH25L3206E   | [BGA24 6x8] (Dual o)     | (1343) (*1) |
| Macronix | KH25L3206E   | [SOP16]                  | (3101) (*1) |
| Macronix | KH25L3206E   | [SOP16] (Dual o)         | (3101) (*1) |
| Macronix | KH25L3206E   | [SOP8]                   | (3088) (*1) |
| Macronix | KH25L3206E   | [SOP8] (Dual o)          | (3088) (*1) |
| Macronix | KH25L3206E   | [USON8]                  | (3099) (*1) |
| Macronix | KH25L3206E   | [USON8] (Dual o)         | (3099) (*1) |
| Macronix | KH25L3206E   | [WSN8]                   | (3097) (*1) |
| Macronix | KH25L3206E   | [WSN8] (Dual o)          | (3097) (*1) |
| Macronix | KH25L3208E   | (ISP)                    | (138)       |
| Macronix | KH25L3208E   | [SOP8]                   | (3088) (*1) |
| Macronix | KH25L3208E   | [SOP8] (Dual o)          | (3088) (*1) |
| Macronix | KH25L3208E   | [WSN8 6x5]               | (3097) (*1) |
| Macronix | KH25L3208E   | [WSN8 6x5] (Dual o)      | (3097) (*1) |
| Macronix | KH25L3233F   | (ISP)                    | (138)       |
| Macronix | KH25L3233F   | [SOP8-150]               | (3094) (*1) |
| Macronix | KH25L3233F   | [SOP8-150] (Quad I/O)    | (3094) (*1) |
| Macronix | KH25L3233F   | [SOP8-200]               | (3088) (*1) |
| Macronix | KH25L3233F   | [SOP8-200] (Quad I/O)    | (3088) (*1) |
| Macronix | KH25L3236F   | [SOP8-200]               | (3087) (*1) |
| Macronix | KH25L3236F   | [SOP8-200] (Quad I/O)    | (3087) (*1) |
| Macronix | KH25L3239E   | [SOP8]                   | (3088) (*1) |
| Macronix | KH25L3239E   | [SOP8] (Quad I/O)        | (3088) (*1) |
| Macronix | KH25L3239E   | [VSOP8]                  | (3088) (*1) |
| Macronix | KH25L3239E   | [VSOP8] (Quad I/O)       | (3088) (*1) |
| Macronix | KH25L3239E   | [WSN8 6x5]               | (3097) (*1) |
| Macronix | KH25L3239E   | [WSN8 6x5] (Quad I/O)    | (3097) (*1) |
| Macronix | KH25L3255E   | [SOP8]                   | (3088) (*1) |
| Macronix | KH25L3255E   | [SOP8] (Quad I/O)        | (3088) (*1) |
| Macronix | KH25L3255EXC | [TFBGA24 6x8]            | (1268) (*1) |
| Macronix | KH25L3255EXC | [TFBGA24 6x8] (Quad I/O) | (1268) (*1) |
| Macronix | KH25L3255EXD | [TFBGA24 6x8]            | (1343) (*1) |
| Macronix | KH25L3255EXD | [TFBGA24 6x8] (Quad I/O) | (1343) (*1) |
| Macronix | KH25L3273E   |                          |             |
| Macronix | KH25L3273E   | [SOP16]                  | (3101) (*1) |
| Macronix | KH25L3273E   | [SOP16] (Quad I/O)       | (3101) (*1) |
| Macronix | KH25L3273E   | [SOP8]                   | (3088) (*1) |
| Macronix | KH25L3273E   | [SOP8] (Quad I/O)        | (3088) (*1) |
| Macronix | KH25L3273E   | [VSOP8]                  | (3088) (*1) |
| Macronix | KH25L3273E   | [VSOP8] (Quad I/O)       | (3088) (*1) |
| Macronix | KH25L3273E   | [WSN8 6x5]               | (3097) (*1) |
| Macronix | KH25L3273E   | [WSN8 6x5] (Quad I/O)    | (3097) (*1) |
| Macronix | KH25L3291E   | (ISP)                    | (138)       |
| Macronix | KH25L3291E   | [SOP8]                   | (3087) (*1) |
| Macronix | KH25L3291E   | [SOP8] (Dual o)          | (3087) (*1) |
| Macronix | KH25L4005A   | (ISP)                    | (138)       |
| Macronix | KH25L4005A   | [SOP8-150]               | (3095) (*1) |
| Macronix | KH25L4005A   | [SOP8-200]               | (3088) (*1) |
| Macronix | KH25L4006E   | (ISP)                    | (138)       |
| Macronix | KH25L4006E   | [SOP8-150]               | (3095) (*1) |
| Macronix | KH25L4006E   | [SOP8-150] (Dual o)      | (3095) (*1) |
| Macronix | KH25L4006E   | [SOP8-200]               | (3088) (*1) |
| Macronix | KH25L4006E   | [SOP8-200] (Dual o)      | (3088) (*1) |
| Macronix | KH25L4026E   | (ISP)                    | (138)       |
| Macronix | KH25L4026E   | [SOP8-150]               | (3094) (*1) |
| Macronix | KH25L4026E   | [SOP8-150] (Dual o)      | (3094) (*1) |
| Macronix | KH25L512     | (ISP)                    | (138)       |
| Macronix | KH25L512     | [SOP8-150]               | (3095) (*1) |
| Macronix | KH25L5121E   | (ISP)                    | (138)       |
| Macronix | KH25L5121E   | [SOP8-150]               | (3095) (*1) |
| Macronix | KH25L5121E   | [TSSOP8]                 | (1388)      |
| Macronix | KH25L5121E   | [USON8]                  | (3934) (*1) |
| Macronix | KH25L512E    | (ISP)                    | (138)       |
| Macronix | KH25L512E    | [SOP8-150]               | (3095) (*1) |
| Macronix | KH25L512E    | [SOP8-150] (Dual o)      | (3095) (*1) |
| Macronix | KH25L512E    | [TSSOP8]                 | (1388)      |
| Macronix | KH25L512E    | [TSSOP8] (Dual o)        | (1388)      |
| Macronix | KH25L512E    | [USON8]                  | (3934) (*1) |
| Macronix | KH25L6405D   | [SOP16]                  | (3101) (*1) |
| Macronix | KH25L6405D   | [SOP16] (DualSPI)        | (3101) (*1) |
| Macronix | KH25L6405D   | [WSN8]                   | (3053) (*1) |
| Macronix | KH25L6405D   | [WSN8] (DualSPI)         | (3053) (*1) |
| Macronix | KH25L6406E   | [SOP16]                  | (3101) (*1) |
| Macronix | KH25L6406E   | [SOP16] (Dual o)         | (3101) (*1) |
| Macronix | KH25L6406E   | [SOP8]                   | (3088) (*1) |
| Macronix | KH25L6406E   | [SOP8] (Dual o)          | (3088) (*1) |
| Macronix | KH25L6406E   | [WSN8]                   | (3053) (*1) |
| Macronix | KH25L6406E   | [WSN8] (Dual o)          | (3053) (*1) |

|          |              |                          |              |
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| Macronix | KH25L6408E   | (ISP)                    | (138)        |
| Macronix | KH25L6408E   | [SOP16]                  | (3101) (*1)  |
| Macronix | KH25L6408E   | [SOP16] (Dual 0)         | (3101) (*1)  |
| Macronix | KH25L6408E   | [SOP8]                   | (3088) (*1)  |
| Macronix | KH25L6408E   | [SOP8] (Dual 0)          | (3088) (*1)  |
| Macronix | KH25L6408E   | [WS0N8]                  | (3053) (*1)  |
| Macronix | KH25L6408E   | [WS0N8] (Dual 0)         | (3053) (*1)  |
| Macronix | KH25L6433F   | (ISP)                    | (138)        |
| Macronix | KH25L6433F   | [SOP8-200]               | (3088) (*1)  |
| Macronix | KH25L6433F   | [SOP8-200] (Quad I/O)    | (3088) (*1)  |
| Macronix | KH25L6433FXC | [TFBGA24 6x8]            | (1268) (*1)  |
| Macronix | KH25L6433FXC | [TFBGA24 6x8] (Quad I/O) | (1268) (*1)  |
| Macronix | KH25L6436F   | (ISP)                    | (138) (9997) |
| Macronix | KH25L6436F   | [SOP8-200]               | (3087) (*1)  |
| Macronix | KH25L6436F   | [SOP8-200] (Quad I/O)    | (3087) (*1)  |
| Macronix | KH25L6439E   | [SOP8]                   | (3088) (*1)  |
| Macronix | KH25L6439E   | [SOP8] (Quad I/O)        | (3088) (*1)  |
| Macronix | KH25L6439E   | [VSOP8]                  | (3088) (*1)  |
| Macronix | KH25L6439E   | [VSOP8] (Quad I/O)       | (3088) (*1)  |
| Macronix | KH25L6455E   | [SOP16]                  | (3101) (*1)  |
| Macronix | KH25L6455E   | [SOP16] (Dual I/O)       | (3101) (*1)  |
| Macronix | KH25L6455E   | [SOP16] (Quad I/O)       | (3101) (*1)  |
| Macronix | KH25L6455E   | [TFBGA24]                | (1268) (*1)  |
| Macronix | KH25L6455E   | [TFBGA24] (Dual I/O)     | (1268) (*1)  |
| Macronix | KH25L6455E   | [TFBGA24] (Quad I/O)     | (1268) (*1)  |
| Macronix | KH25L6455FXC | [TFBGA24 6x8] (Quad I/O) | (3128)       |
| Macronix | KH25L6456E   | [SOP8]                   | (3088) (*1)  |
| Macronix | KH25L6456E   | [SOP8] (Quad I/O)        | (3088) (*1)  |
| Macronix | KH25L6456EXC | [TFBGA24 6x8]            | (1268) (*1)  |
| Macronix | KH25L6456EXC | [TFBGA24 6x8] (Quad I/O) | (1268) (*1)  |
| Macronix | KH25L6456EXD | [TFBGA24 6x8]            | (1343) (*1)  |
| Macronix | KH25L6456EXD | [TFBGA24 6x8] (Quad I/O) | (1343) (*1)  |
| Macronix | KH25L6473E   | (ISP)                    | (138)        |
| Macronix | KH25L6473E   | [SOP16]                  | (3101) (*1)  |
| Macronix | KH25L6473E   | [SOP16] (Quad I/O)       | (3101) (*1)  |
| Macronix | KH25L6473E   | [SOP8]                   | (3088) (*1)  |
| Macronix | KH25L6473E   | [SOP8] (Quad I/O)        | (3088) (*1)  |
| Macronix | KH25L6473E   | [VSOP8]                  | (3088) (*1)  |
| Macronix | KH25L6473E   | [VSOP8] (Quad I/O)       | (3088) (*1)  |
| Macronix | KH25L6473E   | [WS0N8 6x5]              | (3097) (*1)  |
| Macronix | KH25L6473E   | [WS0N8 6x5] (Quad I/O)   | (3097) (*1)  |
| Macronix | KH25L6473F   | [SOP8-200]               | (3087) (*1)  |
| Macronix | KH25L6473F   | [SOP8-200] (Quad I/O)    | (3087) (*1)  |
| Macronix | KH25L6491E   | (ISP)                    | (138)        |
| Macronix | KH25L6491E   | [SOP8]                   | (3087) (*1)  |
| Macronix | KH25L6491E   | [SOP8] (Dual 0)          | (3087) (*1)  |
| Macronix | KH25L8005    | [S0IC8-200]              | (3088) (*1)  |
| Macronix | KH25L8006E   | (ISP)                    | (138)        |
| Macronix | KH25L8006E   | [SOP8-150]               | (3095) (*1)  |
| Macronix | KH25L8006E   | [SOP8-150] (Dual 0)      | (3095) (*1)  |
| Macronix | KH25L8006E   | [SOP8-200]               | (3088) (*1)  |
| Macronix | KH25L8006E   | [SOP8-200] (Dual 0)      | (3088) (*1)  |
| Macronix | KH25L8008E   | [SOP8-200]               | (3088) (*1)  |
| Macronix | KH25L8008E   | [SOP8-200] (Dual 0)      | (3088) (*1)  |
| Macronix | KH25L8036D   | (ISP)                    | (138)        |
| Macronix | KH25L8036D   | [SOP16]                  | (3101) (*1)  |
| Macronix | KH25L8036D   | [SOP16] (DualSPI)        | (3101) (*1)  |
| Macronix | KH25L8036D   | [SOP8-150]               | (3095) (*1)  |
| Macronix | KH25L8036D   | [SOP8-150] (DualSPI)     | (3095) (*1)  |
| Macronix | KH25L8036D   | [SOP8-200]               | (3088) (*1)  |
| Macronix | KH25L8036D   | [SOP8-200] (DualSPI)     | (3088) (*1)  |
| Macronix | KH25L8036D   | [WS0N8]                  | (3097) (*1)  |
| Macronix | KH25L8036D   | [WS0N8] (DualSPI)        | (3097) (*1)  |
| Macronix | KH25L8073E   | [SOP8]                   | (3088) (*1)  |
| Macronix | KH25L8073E   | [SOP8] (Quad I/O)        | (3088) (*1)  |
| Macronix | KH25U12839F  | [WS0N8 6x5]              | (3097) (*1)  |
| Macronix | KH25U1635F   | [SOP8-200]               | (3088) (*1)  |
| Macronix | KH25U1635F   | [SOP8-200] (Dual I/O)    | (3088) (*1)  |
| Macronix | KH25U1635F   | [US0N8]                  | (3099) (*1)  |
| Macronix | KH25U1635F   | [US0N8] (Dual I/O)       | (3099) (*1)  |
| Macronix | KH25U1635F   | [WS0N8]                  | (3097) (*1)  |
| Macronix | KH25U1635F   | [WS0N8] (Dual I/O)       | (3097) (*1)  |
| Macronix | KH25U1639E   | (ISP)                    | (138)        |
| Macronix | KH25U1639E   | [WS0N8]                  | (3097) (*1)  |
| Macronix | KH25U1639E   | [WS0N8] (Dual I/O)       | (3097) (*1)  |
| Macronix | KH25U1639E   | [WS0N8] (Quad I/O)       | (3097) (*1)  |
| Macronix | KH25U25639F  | [WS0N8 8x6] (Quad I/O)   | (3053) (*1)  |
| Macronix | KH25U3239E   | [WS0N8 6x5]              | (3097) (*1)  |
| Macronix | KH25U4033E   | [SOP8-150]               | (3095) (*1)  |
| Macronix | KH25U4033E   | [TSSOP8]                 | (1388)       |
| Macronix | KH25U4033E   | [US0N8]                  | (3099) (*1)  |
| Macronix | KH25U4033E   | [WS0N8]                  | (3097) (*1)  |
| Macronix | KH25U5121E   | (ISP)                    | (138)        |
| Macronix | KH25U5121E   | [SOP8-150]               | (3095) (*1)  |
| Macronix | KH25U5121E   | [TSSOP8]                 | (1388)       |
| Macronix | KH25U5121E   | [US0N8]                  | (3934) (*1)  |
| Macronix | KH25U6439F   | [SOP8]                   | (3088) (*1)  |
| Macronix | KH25U6439F   | [WS0N8]                  | (3097) (*1)  |
| Macronix | KH25U6473F   | (ISP)                    | (138)        |
| Macronix | KH25U6473F   | [SOP8]                   | (3088) (*1)  |
| Macronix | KH25U6473F   | [SOP8] (Quad I/O)        | (3088) (*1)  |
| Macronix | KH25U8035E   | (ISP)                    | (138)        |
| Macronix | KH25U8035E   | [SOP8-150]               | (3095) (*1)  |
| Macronix | KH25U8035E   | [SOP8-150] (Dual I/O)    | (3095) (*1)  |
| Macronix | KH25U8035E   | [SOP8-200]               | (3088) (*1)  |
| Macronix | KH25U8035E   | [SOP8-200] (Dual I/O)    | (3088) (*1)  |
| Macronix | KH25U8035E   | [US0N8 4x4]              | (3099) (*1)  |
| Macronix | KH25U8035E   | [US0N8 4x4] (Dual I/O)   | (3099) (*1)  |
| Macronix | KH25U8035E   | [WS0N8 6x5]              | (3097) (*1)  |
| Macronix | KH25U8035E   | [WS0N8 6x5] (Dual I/O)   | (3097) (*1)  |
| Macronix | KH25V1635F   | (ISP)                    | (138)        |
| Macronix | KH25V1635F   | [SOP8-150]               | (3094) (*1)  |
| Macronix | KH25V1635F   | [SOP8-150] (Quad I/O)    | (3094) (*1)  |
| Macronix | KH25V1635F   | [SOP8-200]               | (3087) (*1)  |
| Macronix | KH25V1635F   | [SOP8-200] (Quad I/O)    | (3087) (*1)  |
| Macronix | KH25V1635F   | [WS0N8]                  | (4117) (*1)  |
| Macronix | KH25V1635F   | [WS0N8] (Quad I/O)       | (4117) (*1)  |
| Macronix | KH25V4035F   | (ISP)                    | (138)        |
| Macronix | KH25V4035F   | [SOP8-150]               | (3094) (*1)  |
| Macronix | KH25V4035F   | [SOP8-150] (Quad I/O)    | (3094) (*1)  |
| Macronix | KH25V4035F   | [SOP8-200]               | (3087) (*1)  |
| Macronix | KH25V4035F   | [SOP8-200] (Quad I/O)    | (3087) (*1)  |
| Macronix | KH25V4035F   | [US0N8 2x3]              | (3934) (*1)  |
| Macronix | KH25V4035F   | [US0N8 2x3] (Quad I/O)   | (3934) (*1)  |
| Macronix | KH25V4035F   | [WS0N8]                  | (4117) (*1)  |
| Macronix | KH25V4035F   | [WS0N8] (Quad I/O)       | (4117) (*1)  |
| Macronix | KH25V8035F   | (ISP)                    | (138)        |
| Macronix | KH25V8035F   | [SOP8-150]               | (3094) (*1)  |
| Macronix | KH25V8035F   | [SOP8-150] (Quad I/O)    | (3094) (*1)  |
| Macronix | KH25V8035F   | [SOP8-200]               | (3087) (*1)  |
| Macronix | KH25V8035F   | [SOP8-200] (Quad I/O)    | (3087) (*1)  |
| Macronix | KH25V8035F   | [US0N8 2x3]              | (3934) (*1)  |
| Macronix | KH25V8035F   | [US0N8 2x3] (Quad I/O)   | (3934) (*1)  |
| Macronix | KH25V8035F   | [WS0N8]                  | (4117) (*1)  |
| Macronix | KH25V8035F   | [WS0N8] (Quad I/O)       | (4117) (*1)  |

|          |                                    |              |
|----------|------------------------------------|--------------|
| Macronix | KH29GL128FH [TSOP56]               | (3080)       |
| Macronix | KH29GL128FHXF [LFBGA64]            | (1319)       |
| Macronix | KH29GL128FL [TSOP56]               | (3080)       |
| Macronix | KH29GL128FLXF [LFBGA64]            | (1319)       |
| Macronix | KH29GL256FHXF [LFBGA64]            | (1319)       |
| Macronix | KH29GL256FLXF [LFBGA64]            | (1319)       |
| Macronix | KH29GL512FH [TSOP56]               | (3079)       |
| Macronix | KH29GL512FL [TSOP56]               | (3079)       |
| Macronix | KH29GL640EB [TSOP48]               | (1346)       |
| Macronix | KH29GL640EBXE [LFBGA48]            | (859)        |
| Macronix | KH29GL640ET [TSOP48]               | (1346)       |
| Macronix | KH29GL640ETXE [LFBGA48]            | (859)        |
| Macronix | KH29LV160CB [TSOP48]               | (1346)       |
| Macronix | KH29LV160CT [TSOP48]               | (1346)       |
| Macronix | KH29LV160DB [TSOP48]               | (1346)       |
| Macronix | KH29LV160DT [TSOP48]               | (1346)       |
| Macronix | KH29LV320CB [CSP48]                | (859)        |
| Macronix | KH29LV320CB [TSOP48]               | (1346)       |
| Macronix | KH29LV320CT [CSP48]                | (859)        |
| Macronix | KH29LV320CT [TSOP48]               | (1346)       |
| Macronix | KH29LV400CB [TSOP48]               | (1346)       |
| Macronix | KH29LV400CT [TSOP48]               | (1346)       |
| Macronix | KH29LV640DB [TSOP48]               | (1346)       |
| Macronix | KH29LV640DT [TSOP48]               | (1346)       |
| Macronix | KH29LV640EB [TSOP48]               | (1346)       |
| Macronix | KH29LV640EBXE [FBGA48]             | (859)        |
| Macronix | KH29LV640ET [TSOP48]               | (1346)       |
| Macronix | KH29LV640ETXE [FBGA48]             | (859)        |
| Macronix | KH29LV800CB [TSOP48]               | (1346)       |
| Macronix | KH29LV800CT [TSOP48]               | (1346)       |
| Macronix | KH68GL1G0FDT2 [TSOP56]             | (3161)       |
| Macronix | KH68GL1G0FHT2 [TSOP56]             | (3161)       |
| Macronix | KH68GL1G0FLT2 [TSOP56]             | (3161)       |
| Macronix | KH68GL1G0FUT2 [TSOP56]             | (3161)       |
| Macronix | MX10E8050I                         |              |
| Macronix | MX10E8050I (ISP)                   | (138)        |
| Macronix | MX10E8050I [PLCC44]                | (67)         |
| Macronix | MX10E8050I [TQFP44]                | (94)         |
| Macronix | MX10E8050IA                        |              |
| Macronix | MX10E8050IA [PLCC44]               | (67)         |
| Macronix | MX10E8050IA [TQFP44]               | (94)         |
| Macronix | MX10EXA [LQFP44]                   | (94)         |
| Macronix | MX10EXA [PLCC44]                   | (67)         |
| Macronix | MX10FMAXD                          |              |
| Macronix | MX10FMAXD [PLCC44]                 | (67)         |
| Macronix | MX10FMAXD [PQFP44]                 | (108)        |
| Macronix | MX23C1024                          |              |
| Macronix | MX23C2100                          |              |
| Macronix | MX23C2100 [SOP40]                  | (98)         |
| Macronix | MX23C3210                          |              |
| Macronix | MX23C3210 [SOP44]                  | (65)         |
| Macronix | MX23C3210 [TSOP48]                 | (57)         |
| Macronix | MX23C3211 [SOP44]                  | (65)         |
| Macronix | MX23C3211 [TSOP48]                 | (57)         |
| Macronix | MX23C4100                          |              |
| Macronix | MX23C4100 [SOP40]                  | (98)         |
| Macronix | MX23C6410                          |              |
| Macronix | MX23C6410 [R-TSOP48]               | (57)         |
| Macronix | MX23C6410 [SOP44]                  | (65)         |
| Macronix | MX23C6410 [TSOP48]                 | (57)         |
| Macronix | MX23L3213 [TSOP48]                 | (57)         |
| Macronix | MX23L6410 [R-TSOP48]               | (57)         |
| Macronix | MX23L6410 [SOP44]                  | (65)         |
| Macronix | MX23L6410 [TSOP48]                 | (57)         |
| Macronix | MX25L1005 (ISP)                    | (138)        |
| Macronix | MX25L1005 [SOIC8-150]              | (3095) (*1)  |
| Macronix | MX25L1005 [SOIC8-200]              | (3088) (*1)  |
| Macronix | MX25L1005 [SON8]                   | (3097) (*1)  |
| Macronix | MX25L1005 [USON8]                  | (3934) (*1)  |
| Macronix | MX25L1005A (ISP)                   | (138)        |
| Macronix | MX25L1005A [SOP8-150]              | (3095) (*1)  |
| Macronix | MX25L1005C (ISP)                   | (138)        |
| Macronix | MX25L1005C [SOIC8-150]             | (3095) (*1)  |
| Macronix | MX25L1005C [USON8]                 | (3934) (*1)  |
| Macronix | MX25L1006E (ISP)                   | (138)        |
| Macronix | MX25L1006E [SOP8-150]              | (3095) (*1)  |
| Macronix | MX25L1006E [SOP8-150] (Dual o)     | (3095) (*1)  |
| Macronix | MX25L1006E [USON8]                 | (3934) (*1)  |
| Macronix | MX25L1006E [USON8] (Dual o)        | (3934) (*1)  |
| Macronix | MX25L1006E [WLCSP8]                | (2907)       |
| Macronix | MX25L1006F (ISP)                   | (138)        |
| Macronix | MX25L1006F [SOP8-150]              | (3094) (*1)  |
| Macronix | MX25L1006F [SOP8-150] (Dual o)     | (3094) (*1)  |
| Macronix | MX25L1006F [TSSOP8]                | (1388)       |
| Macronix | MX25L1006F [TSSOP8] (Dual o)       | (1388)       |
| Macronix | MX25L1006F [USON8]                 | (3934) (*1)  |
| Macronix | MX25L1006F [USON8] (Dual o)        | (3934) (*1)  |
| Macronix | MX25L1021E (ISP)                   | (138)        |
| Macronix | MX25L1021E [SOP8-150]              | (3095) (*1)  |
| Macronix | MX25L1025C (ISP)                   | (138)        |
| Macronix | MX25L1025C [SOP8-150]              | (3095) (*1)  |
| Macronix | MX25L1026E (ISP)                   | (138)        |
| Macronix | MX25L1026E [SOP8-150]              | (3095) (*1)  |
| Macronix | MX25L1026E [SOP8-150] (Dual o)     | (3095) (*1)  |
| Macronix | MX25L12801F [SOP16]                | (3101) (*1)  |
| Macronix | MX25L12805D (ISP)                  | (138)        |
| Macronix | MX25L12805D [SOP16]                | (3101) (*1)  |
| Macronix | MX25L12805N (ISP)                  | (138)        |
| Macronix | MX25L12805N [SOP16]                | (3101) (*1)  |
| Macronix | MX25L12833F [SOP16] (Quad I/o)     | (3100) (*1)  |
| Macronix | MX25L12833F [SOP8] (Quad I/o)      | (3087) (*1)  |
| Macronix | MX25L12833F [WSON8 6x5] (Quad I/o) | (4117) (*1)  |
| Macronix | MX25L12833F [WSON8 8x6] (Quad I/o) | (3926) (*1)  |
| Macronix | MX25L12835E (ISP)                  | (138)        |
| Macronix | MX25L12835E [SOP16]                | (3101) (*1)  |
| Macronix | MX25L12835E [SOP16] (Quad I/o)     | (3101) (*1)  |
| Macronix | MX25L12835E [WSON8]                | (3053) (*1)  |
| Macronix | MX25L12835E [WSON8] (Quad I/o)     | (3053) (*1)  |
| Macronix | MX25L12835F (ISP)                  | (138) (9997) |
| Macronix | MX25L12835F [SOP16] (Quad I/o)     | (3100) (*1)  |
| Macronix | MX25L12835F [SOP8] (Quad I/o)      | (3088) (*1)  |
| Macronix | MX25L12835F [WSON8 6x5] (Quad I/o) | (3097) (*1)  |
| Macronix | MX25L12835F [WSON8 8x6] (Quad I/o) | (3053) (*1)  |
| Macronix | MX25L12835FXD [BGA24] (Quad I/o)   | (3122)       |
| Macronix | MX25L12836E (ISP)                  | (138)        |
| Macronix | MX25L12836E [SOP16]                | (3101) (*1)  |
| Macronix | MX25L12836E [SOP16] (Quad I/o)     | (3101) (*1)  |
| Macronix | MX25L12836E [WSON8]                | (3053) (*1)  |
| Macronix | MX25L12836E [WSON8] (Quad I/o)     | (3053) (*1)  |
| Macronix | MX25L12839F [WSON8 6x5] (Quad I/o) | (3097) (*1)  |
| Macronix | MX25L12845E (ISP)                  | (138)        |
| Macronix | MX25L12845E [SOP16]                | (3101) (*1)  |
| Macronix | MX25L12845E [SOP16] (Dual I/o)     | (3101) (*1)  |
| Macronix | MX25L12845E [SOP16] (Quad I/o)     | (3101) (*1)  |
| Macronix | MX25L12845E [WSON8]                | (3053) (*1)  |
| Macronix | MX25L12845E [WSON8] (Dual I/o)     | (3053) (*1)  |
| Macronix | MX25L12845E [WSON8] (Quad I/o)     | (3053) (*1)  |
| Macronix | MX25L12845G [SOP16]                | (3101) (*1)  |

|          |                   |                 |            |        |      |
|----------|-------------------|-----------------|------------|--------|------|
| Macronix | MX25L12845G       | [SOP16]         | (Quad I/O) | (3101) | (*1) |
| Macronix | MX25L12845G       | [SOP8]          |            | (3088) | (*1) |
| Macronix | MX25L12845G       | [SOP8]          | (Quad I/O) | (3088) | (*1) |
| Macronix | MX25L12845G       | [WSON8 6x5]     |            | (4117) | (*1) |
| Macronix | MX25L12845G       | [WSON8 6x5]     | (Quad I/O) | (4117) | (*1) |
| Macronix | MX25L12845G       | [WSON8 8x6]     |            | (3926) | (*1) |
| Macronix | MX25L12845G       | [WSON8 8x6]     | (Quad I/O) | (3926) | (*1) |
| Macronix | MX25L12845GXC     | [BGA24]         |            | (3128) |      |
| Macronix | MX25L12845GXC     | [BGA24]         | (Quad I/O) | (3128) |      |
| Macronix | MX25L12845GXD     | [BGA24]         |            | (3122) |      |
| Macronix | MX25L12845GXD     | [BGA24]         | (Quad I/O) | (3122) |      |
| Macronix | MX25L12846E       | (ISP)           |            | (138)  |      |
| Macronix | MX25L12846E       | [SOP16]         |            | (3101) | (*1) |
| Macronix | MX25L12846E       | [SOP16]         | (Dual I/O) | (3101) | (*1) |
| Macronix | MX25L12846E       | [SOP16]         | (Quad I/O) | (3101) | (*1) |
| Macronix | MX25L12850F       | [SOP8]          |            | (3087) | (*1) |
| Macronix | MX25L12850F       | [SOP8]          | (Quad I/O) | (3087) | (*1) |
| Macronix | MX25L12850F       | [WSON8]         |            | (4117) | (*1) |
| Macronix | MX25L12850F       | [WSON8]         | (Quad I/O) | (4117) | (*1) |
| Macronix | MX25L12855E       | [SOP16]         |            | (3101) | (*1) |
| Macronix | MX25L12855E       | [SOP16]         | (Dual I/O) | (3101) | (*1) |
| Macronix | MX25L12855E       | [SOP16]         | (Quad I/O) | (3101) | (*1) |
| Macronix | MX25L12855E       | [TFBGA24 10x13] |            | (1464) |      |
| Macronix | MX25L12855E       | [TFBGA24 10x13] | (Dual I/O) | (1464) |      |
| Macronix | MX25L12855E       | [TFBGA24 10x13] | (Quad I/O) | (1464) |      |
| Macronix | MX25L12855E       | [TFBGA24 6x8]   |            | (1268) | (*1) |
| Macronix | MX25L12855E       | [TFBGA24 6x8]   | (Dual I/O) | (1268) | (*1) |
| Macronix | MX25L12855E       | [TFBGA24 6x8]   | (Quad I/O) | (1268) | (*1) |
| Macronix | MX25L12855F       | [SOP16]         | (Quad I/O) | (3101) | (*1) |
| Macronix | MX25L12855FXC     | [TFBGA24]       |            | (1268) | (*1) |
| Macronix | MX25L12855FXC     | [TFBGA24]       | (Quad I/O) | (1268) | (*1) |
| Macronix | MX25L12855FXD     | [TFBGA24]       | (Quad I/O) | (1343) | (*1) |
| Macronix | MX25L12865E       | (ISP)           |            | (138)  |      |
| Macronix | MX25L12865E       | [SOP16]         |            | (3101) | (*1) |
| Macronix | MX25L12865E       | [SOP16]         | (Dual I/O) | (3101) | (*1) |
| Macronix | MX25L12865E       | [SOP16]         | (Quad I/O) | (3101) | (*1) |
| Macronix | MX25L12865E       | [WSON8]         |            | (3053) | (*1) |
| Macronix | MX25L12865E       | [WSON8]         | (Dual I/O) | (3053) | (*1) |
| Macronix | MX25L12865E       | [WSON8]         | (Quad I/O) | (3053) | (*1) |
| Macronix | MX25L12865F       | [SOP16]         | (Quad I/O) | (3100) | (*1) |
| Macronix | MX25L12872F       | [SOP8]          | (Quad I/O) | (3087) | (*1) |
| Macronix | MX25L12872F       | [WSON8 6x5]     | (Quad I/O) | (4117) | (*1) |
| Macronix | MX25L12873F       |                 |            |        |      |
| Macronix | MX25L12873F       | [SOP16]         | (Quad I/O) | (3101) | (*1) |
| Macronix | MX25L12873F       | [SOP8]          | (Quad I/O) | (3088) | (*1) |
| Macronix | MX25L12873F       | [WSON8 6x5]     | (Quad I/O) | (3097) | (*1) |
| Macronix | MX25L12873Gxxx-08 | [SOP16]         | (Quad I/O) | (3100) | (*1) |
| Macronix | MX25L12873Gxxx-08 | [SOP8]          | (Quad I/O) | (3087) | (*1) |
| Macronix | MX25L12873Gxxx-08 | [WSON8 6x5]     | (Quad I/O) | (4117) | (*1) |
| Macronix | MX25L12875F       | [SOP16]         | (Quad I/O) | (3101) | (*1) |
| Macronix | MX25L12875F       | [SOP8]          | (Quad I/O) | (3088) | (*1) |
| Macronix | MX25L12875F       | [WSON8 6x5]     | (Quad I/O) | (3097) | (*1) |
| Macronix | MX25L12875F       | [WSON8 8x6]     | (Quad I/O) | (3053) | (*1) |
| Macronix | MX25L1602         | [SOIC28]        |            | (53)   |      |
| Macronix | MX25L1605         | (ISP)           |            | (138)  |      |
| Macronix | MX25L1605         | [SOIC16]        |            | (3101) | (*1) |
| Macronix | MX25L1605A        | (ISP)           |            | (138)  |      |
| Macronix | MX25L1605A        | [SOIC16]        |            | (3101) | (*1) |
| Macronix | MX25L1605A        | [SOIC8]         |            | (3088) | (*1) |
| Macronix | MX25L1605A        | [SON8]          |            | (3053) | (*1) |
| Macronix | MX25L1605D        |                 |            |        |      |
| Macronix | MX25L1605D        | (ISP)           |            | (138)  |      |
| Macronix | MX25L1605D        | [SOP16]         |            | (3101) | (*1) |
| Macronix | MX25L1605D        | [SOP16]         | (Dual I/O) | (3101) | (*1) |
| Macronix | MX25L1605D        | [SOP8-150]      |            | (3095) | (*1) |
| Macronix | MX25L1605D        | [SOP8-150]      | (Dual I/O) | (3095) | (*1) |
| Macronix | MX25L1605D        | [SOP8-200]      |            | (3088) | (*1) |
| Macronix | MX25L1605D        | [SOP8-200]      | (Dual I/O) | (3088) | (*1) |
| Macronix | MX25L1605D        | [USON8]         |            | (3099) | (*1) |
| Macronix | MX25L1605D        | [USON8]         | (Dual I/O) | (3099) | (*1) |
| Macronix | MX25L1605D        | [WSON8]         |            | (3097) | (*1) |
| Macronix | MX25L1605D        | [WSON8]         | (Dual I/O) | (3097) | (*1) |
| Macronix | MX25L1606E        |                 |            |        |      |
| Macronix | MX25L1606E        | (ISP)           |            | (138)  |      |
| Macronix | MX25L1606E        | [SOP16]         |            | (3101) | (*1) |
| Macronix | MX25L1606E        | [SOP16]         | (Dual o)   | (3101) | (*1) |
| Macronix | MX25L1606E        | [SOP8-150]      |            | (3095) | (*1) |
| Macronix | MX25L1606E        | [SOP8-150]      | (Dual o)   | (3095) | (*1) |
| Macronix | MX25L1606E        | [SOP8-200]      |            | (3088) | (*1) |
| Macronix | MX25L1606E        | [SOP8-200]      | (Dual o)   | (3088) | (*1) |
| Macronix | MX25L1606E        | [USON8]         |            | (3099) | (*1) |
| Macronix | MX25L1606E        | [USON8]         | (Dual o)   | (3099) | (*1) |
| Macronix | MX25L1606E        | [WSON8]         |            | (3097) | (*1) |
| Macronix | MX25L1606E        | [WSON8]         | (Dual o)   | (3097) | (*1) |
| Macronix | MX25L1608D        |                 |            |        |      |
| Macronix | MX25L1608D        | (ISP)           |            | (138)  |      |
| Macronix | MX25L1608D        | [SOP16]         |            | (3101) | (*1) |
| Macronix | MX25L1608D        | [SOP16]         | (Dual I/O) | (3101) | (*1) |
| Macronix | MX25L1608D        | [SOP8-150]      |            | (3095) | (*1) |
| Macronix | MX25L1608D        | [SOP8-150]      | (Dual I/O) | (3095) | (*1) |
| Macronix | MX25L1608D        | [SOP8-200]      |            | (3088) | (*1) |
| Macronix | MX25L1608D        | [SOP8-200]      | (Dual I/O) | (3088) | (*1) |
| Macronix | MX25L1608D        | [USON8]         |            | (3099) | (*1) |
| Macronix | MX25L1608D        | [USON8]         | (Dual I/O) | (3099) | (*1) |
| Macronix | MX25L1608D        | [WSON8]         |            | (3097) | (*1) |
| Macronix | MX25L1608D        | [WSON8]         | (Dual I/O) | (3097) | (*1) |
| Macronix | MX25L1608E        | (ISP)           |            | (138)  |      |
| Macronix | MX25L1608E        | [SOP8]          |            | (3088) | (*1) |
| Macronix | MX25L1608E        | [SOP8]          | (Dual o)   | (3088) | (*1) |
| Macronix | MX25L1608E        | [SOP8-150]      | (Dual o)   | (3095) | (*1) |
| Macronix | MX25L1633E        | (ISP)           |            | (138)  |      |
| Macronix | MX25L1633E        | [SOP16]         |            | (3101) | (*1) |
| Macronix | MX25L1633E        | [SOP16]         | (Dual I/O) | (3101) | (*1) |
| Macronix | MX25L1633E        | [SOP16]         | (Quad I/O) | (3101) | (*1) |
| Macronix | MX25L1633E        | [SOP8-200]      |            | (3088) | (*1) |
| Macronix | MX25L1633E        | [SOP8-200]      | (Dual I/O) | (3088) | (*1) |
| Macronix | MX25L1633E        | [SOP8-200]      | (Quad I/O) | (3088) | (*1) |
| Macronix | MX25L1633E        | [USON8]         |            | (3099) | (*1) |
| Macronix | MX25L1633E        | [USON8]         | (Dual I/O) | (3099) | (*1) |
| Macronix | MX25L1633E        | [USON8]         | (Quad I/O) | (3099) | (*1) |
| Macronix | MX25L1633E        | [WSON8]         |            | (3097) | (*1) |
| Macronix | MX25L1633E        | [WSON8]         | (Dual I/O) | (3097) | (*1) |
| Macronix | MX25L1633E        | [WSON8]         | (Quad I/O) | (3097) | (*1) |
| Macronix | MX25L1635D        | (ISP)           |            | (138)  |      |
| Macronix | MX25L1635D        | [SOP16]         |            | (3101) | (*1) |
| Macronix | MX25L1635D        | [SOP16]         | (DualSPI)  | (3101) | (*1) |
| Macronix | MX25L1635D        | [SOP16]         | (QuadSPI)  | (3101) | (*1) |
| Macronix | MX25L1635D        | [SOP8-150]      |            | (3095) | (*1) |
| Macronix | MX25L1635D        | [SOP8-150]      | (DualSPI)  | (3095) | (*1) |
| Macronix | MX25L1635D        | [SOP8-150]      | (QuadSPI)  | (3095) | (*1) |
| Macronix | MX25L1635D        | [SOP8-200]      |            | (3088) | (*1) |
| Macronix | MX25L1635D        | [SOP8-200]      | (DualSPI)  | (3088) | (*1) |
| Macronix | MX25L1635D        | [SOP8-200]      | (QuadSPI)  | (3088) | (*1) |
| Macronix | MX25L1635D        | [WSON8]         |            | (3097) | (*1) |
| Macronix | MX25L1635D        | [WSON8]         | (DualSPI)  | (3097) | (*1) |
| Macronix | MX25L1635D        | [WSON8]         | (QuadSPI)  | (3097) | (*1) |
| Macronix | MX25L1635E        | (ISP)           |            | (138)  |      |
| Macronix | MX25L1635E        | [SOP8]          |            | (3088) | (*1) |



|          |               |                          |              |
|----------|---------------|--------------------------|--------------|
| Macronix | MX25L1635E    | [SOP8] (Quad I/o)        | (3088) (*1)  |
| Macronix | MX25L1636D    | (ISP)                    | (138)        |
| Macronix | MX25L1636D    | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L1636D    | [SOP16] (DualSPI)        | (3101) (*1)  |
| Macronix | MX25L1636D    | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25L1636D    | [SOP8-150] (DualSPI)     | (3095) (*1)  |
| Macronix | MX25L1636D    | [SOP8-200]               | (3088) (*1)  |
| Macronix | MX25L1636D    | [SOP8-200] (DualSPI)     | (3088) (*1)  |
| Macronix | MX25L1636D    | [WSON8]                  | (3097) (*1)  |
| Macronix | MX25L1636D    | [WSON8] (DualSPI)        | (3097) (*1)  |
| Macronix | MX25L1636E    | (ISP)                    | (138)        |
| Macronix | MX25L1636E    | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25L1636E    | [SOP8] (Quad I/o)        | (3088) (*1)  |
| Macronix | MX25L1655D    | (ISP)                    | (138)        |
| Macronix | MX25L1655D    | [BGA24]                  | (1268) (*1)  |
| Macronix | MX25L1655D    | [BGA24] (QuadSPI)        | (1268) (*1)  |
| Macronix | MX25L1655D    | [SOP8-200]               | (3088) (*1)  |
| Macronix | MX25L1655D    | [SOP8-200] (QuadSPI)     | (3088) (*1)  |
| Macronix | MX25L1673E    | (ISP)                    | (138)        |
| Macronix | MX25L1673E    | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25L1673E    | [SOP8] (Quad I/o)        | (3088) (*1)  |
| Macronix | MX25L1673E    | [WSON8 6x5]              | (3097) (*1)  |
| Macronix | MX25L1673E    | [WSON8 6x5] (Quad I/o)   | (3097) (*1)  |
| Macronix | MX25L1675E    | (ISP)                    | (138)        |
| Macronix | MX25L1675E    | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25L1675E    | [SOP8] (Quad I/o)        | (3088) (*1)  |
| Macronix | MX25L1675E    | [WSON8 6x5]              | (3097) (*1)  |
| Macronix | MX25L1675E    | [WSON8 6x5] (Quad I/o)   | (3097) (*1)  |
| Macronix | MX25L2005     | (ISP)                    | (138)        |
| Macronix | MX25L2005     | [SOIC8-150]              | (3095) (*1)  |
| Macronix | MX25L2005     | [SON8]                   | (3097) (*1)  |
| Macronix | MX25L2005     | [WSON8]                  | (3097) (*1)  |
| Macronix | MX25L2005C    | (ISP)                    | (138)        |
| Macronix | MX25L2005C    | [SOIC8-150]              | (3095) (*1)  |
| Macronix | MX25L2005C    | [WSON8]                  | (3097) (*1)  |
| Macronix | MX25L2006E    | (ISP)                    | (138)        |
| Macronix | MX25L2006E    | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25L2006E    | [SOP8-150] (Dual o)      | (3095) (*1)  |
| Macronix | MX25L2006E    | [USON8]                  | (3934) (*1)  |
| Macronix | MX25L2006E    | [WSON8]                  | (3097) (*1)  |
| Macronix | MX25L2006E    | [WSON8] (Dual o)         | (3097) (*1)  |
| Macronix | MX25L2025     | (ISP)                    | (138)        |
| Macronix | MX25L2025     | [SON8]                   | (3097) (*1)  |
| Macronix | MX25L2025     | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25L2025C    | (ISP)                    | (138)        |
| Macronix | MX25L2025C    | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25L2026C    | (ISP)                    | (138)        |
| Macronix | MX25L2026C    | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25L2026D    | (ISP)                    | (138)        |
| Macronix | MX25L2026D    | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25L2026D    | [SOP8-150] (Dual o)      | (3095) (*1)  |
| Macronix | MX25L2026E    | (ISP)                    | (138)        |
| Macronix | MX25L2026E    | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25L2026E    | [SOP8-150] (Dual o)      | (3095) (*1)  |
| Macronix | MX25L25633F   | [SOP16] (Quad I/o)       | (3100) (*1)  |
| Macronix | MX25L25633F   | [WSON8 8x6] (Quad I/o)   | (3926) (*1)  |
| Macronix | MX25L25635E   | (ISP)                    | (138)        |
| Macronix | MX25L25635E   | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L25635E   | [SOP16] (Quad I/o)       | (3101) (*1)  |
| Macronix | MX25L25635E   | [WSON8]                  | (3053) (*1)  |
| Macronix | MX25L25635E   | [WSON8] (Quad I/o)       | (3053) (*1)  |
| Macronix | MX25L25635F   | (ISP)                    | (138) (9997) |
| Macronix | MX25L25635F   | [SOP16] (Quad I/o)       | (3101) (*1)  |
| Macronix | MX25L25635F   | [WSON8 8x6] (Quad I/o)   | (3053) (*1)  |
| Macronix | MX25L25636E   | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L25639F   | [WSON8 8x6] (Quad I/o)   | (3053) (*1)  |
| Macronix | MX25L25645G   | (ISP)                    | (138) (9997) |
| Macronix | MX25L25645G   | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L25645G   | [SOP16] (Quad I/o)       | (3101) (*1)  |
| Macronix | MX25L25645G   | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25L25645G   | [SOP8] (Quad I/o)        | (3088) (*1)  |
| Macronix | MX25L25645G   | [WSON8 6x5]              | (3097) (*1)  |
| Macronix | MX25L25645G   | [WSON8 6x5] (Quad I/o)   | (3097) (*1)  |
| Macronix | MX25L25645G   | [WSON8 8x6]              | (3053) (*1)  |
| Macronix | MX25L25645G   | [WSON8 8x6] (Quad I/o)   | (3053) (*1)  |
| Macronix | MX25L25645GXC | [BGA24] (Quad I/o)       | (3128)       |
| Macronix | MX25L25645GXD | [BGA24] (Quad I/o)       | (3122)       |
| Macronix | MX25L25655E   | (ISP)                    | (138)        |
| Macronix | MX25L25655E   | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L25655E   | [SOP16] (Quad I/o)       | (3101) (*1)  |
| Macronix | MX25L25655E   | [TFBGA24]                | (1268) (*1)  |
| Macronix | MX25L25655E   | [TFBGA24] (Quad I/o)     | (1268) (*1)  |
| Macronix | MX25L25655F   | [SOP16] (Quad I/o)       | (3101) (*1)  |
| Macronix | MX25L25655FXC | [TFBGA24]                | (1268) (*1)  |
| Macronix | MX25L25655FXC | [TFBGA24] (Quad I/o)     | (1268) (*1)  |
| Macronix | MX25L25655FXD | [TFBGA24] (Quad I/o)     | (1343) (*1)  |
| Macronix | MX25L25672F   | [SOP16] (Quad I/o)       | (3100) (*1)  |
| Macronix | MX25L25672F   | [WSON8 8x6] (Quad I/o)   | (3926) (*1)  |
| Macronix | MX25L25673G   | [SOP16] (Quad I/o)       | (3100) (*1)  |
| Macronix | MX25L25673G   | [SOP8] (Quad I/o)        | (3087) (*1)  |
| Macronix | MX25L25673G   | [WSON8 6x5] (Quad I/o)   | (3097) (*1)  |
| Macronix | MX25L25673G   | [WSON8 8x6] (Quad I/o)   | (3053) (*1)  |
| Macronix | MX25L25733F   | [SOP16] (Quad I/o)       | (3100) (*1)  |
| Macronix | MX25L25735E   | (ISP)                    | (138)        |
| Macronix | MX25L25735E   | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L25735E   | [SOP16] (Quad I/o)       | (3101) (*1)  |
| Macronix | MX25L25735E   | [WSON8]                  | (3053) (*1)  |
| Macronix | MX25L25735E   | [WSON8] (Quad I/o)       | (3053) (*1)  |
| Macronix | MX25L25735F   | (ISP)                    | (138) (9997) |
| Macronix | MX25L25735F   | [SOP16] (Quad I/o)       | (3101) (*1)  |
| Macronix | MX25L25735F   | [WSON8 8x6] (Quad I/o)   | (3053) (*1)  |
| Macronix | MX25L25835E   | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L25835E   | [SOP16] (Quad I/o)       | (3101) (*1)  |
| Macronix | MX25L25855E   | [TFBGA24 6x8]            | (1268) (*1)  |
| Macronix | MX25L25855E   | [TFBGA24 6x8] (Quad I/o) | (1268) (*1)  |
| Macronix | MX25L3205     | (ISP)                    | (138)        |
| Macronix | MX25L3205     | [SOIC16]                 | (3101) (*1)  |
| Macronix | MX25L3205A    | (ISP)                    | (138)        |
| Macronix | MX25L3205A    | [SON8]                   | (3053) (*1)  |
| Macronix | MX25L3205A    | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L3205D    | (ISP)                    | (138)        |
| Macronix | MX25L3205D    | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L3205D    | [SOP16] (DualSPI)        | (3101) (*1)  |
| Macronix | MX25L3205D    | [SOP8-200]               | (3088) (*1)  |
| Macronix | MX25L3205D    | [SOP8-200] (DualSPI)     | (3088) (*1)  |
| Macronix | MX25L3205D    | [USON8]                  | (3099) (*1)  |
| Macronix | MX25L3205D    | [USON8] (DualSPI)        | (3099) (*1)  |
| Macronix | MX25L3205D    | [WSON8]                  | (3097) (*1)  |
| Macronix | MX25L3205D    | [WSON8] (DualSPI)        | (3097) (*1)  |
| Macronix | MX25L3206E    | (ISP)                    | (138)        |
| Macronix | MX25L3206E    | [BGA24 6x8]              | (1343) (*1)  |
| Macronix | MX25L3206E    | [BGA24 6x8] (Dual o)     | (1343) (*1)  |
| Macronix | MX25L3206E    | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L3206E    | [SOP16] (Dual o)         | (3101) (*1)  |
| Macronix | MX25L3206E    | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25L3206E    | [SOP8] (Dual o)          | (3088) (*1)  |

|          |              |                          |             |
|----------|--------------|--------------------------|-------------|
| Macronix | MX25L3206E   | [USON8]                  | (3099) (*1) |
| Macronix | MX25L3206E   | [USON8]                  | (3099) (*1) |
| Macronix | MX25L3206E   | [WSON8]                  | (3097) (*1) |
| Macronix | MX25L3206E   | [WSON8]                  | (3097) (*1) |
| Macronix | MX25L3208D   | (ISP)                    | (138)       |
| Macronix | MX25L3208D   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3208D   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3208D   | [SOP8-200]               | (3088) (*1) |
| Macronix | MX25L3208D   | [SOP8-200]               | (3088) (*1) |
| Macronix | MX25L3208D   | [USON8]                  | (3099) (*1) |
| Macronix | MX25L3208D   | [USON8]                  | (3099) (*1) |
| Macronix | MX25L3208D   | [WSON8]                  | (3097) (*1) |
| Macronix | MX25L3208D   | [WSON8]                  | (3097) (*1) |
| Macronix | MX25L3208E   | (ISP)                    | (138)       |
| Macronix | MX25L3208E   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3208E   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3208E   | [WSON8 6x5]              | (3097) (*1) |
| Macronix | MX25L3208E   | [WSON8 6x5]              | (3097) (*1) |
| Macronix | MX25L3225D   | (ISP)                    | (138)       |
| Macronix | MX25L3225D   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3225D   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3233F   | & MX25L12835F (Custom 3) | (3862)      |
| Macronix | MX25L3233F   | (ISP)                    | (138)       |
| Macronix | MX25L3233F   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3233F   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3233F   | [SOP8-150]               | (3095) (*1) |
| Macronix | MX25L3233F   | [SOP8-150]               | (3095) (*1) |
| Macronix | MX25L3233F   | [SOP8-200]               | (3088) (*1) |
| Macronix | MX25L3233F   | [SOP8-200]               | (3088) (*1) |
| Macronix | MX25L3233F   | [USON8 4x3]              | (2430)      |
| Macronix | MX25L3233F   | [USON8 4x3]              | (2430)      |
| Macronix | MX25L3233F   | [WSON8 6x5]              | (3097) (*1) |
| Macronix | MX25L3233F   | [WSON8 6x5]              | (3097) (*1) |
| Macronix | MX25L3235D   | (ISP)                    | (138)       |
| Macronix | MX25L3235D   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3235D   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3235D   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3235D   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3235D   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3235D   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3235D   | [WSON8]                  | (3097) (*1) |
| Macronix | MX25L3235D   | [WSON8]                  | (3097) (*1) |
| Macronix | MX25L3235D   | [WSON8]                  | (3097) (*1) |
| Macronix | MX25L3235E   | (ISP)                    | (138)       |
| Macronix | MX25L3235E   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3235E   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3235E   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3235E   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3235E   | [WSON8 6x5]              | (3097) (*1) |
| Macronix | MX25L3235E   | [WSON8 6x5]              | (3097) (*1) |
| Macronix | MX25L3236D   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3236D   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3236D   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3236F   | [SOP8-200]               | (3087) (*1) |
| Macronix | MX25L3236F   | [SOP8-200]               | (3087) (*1) |
| Macronix | MX25L3237D   | (ISP)                    | (138)       |
| Macronix | MX25L3237D   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3237D   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3237D   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3237D   | [WSON8]                  | (3097) (*1) |
| Macronix | MX25L3237D   | [WSON8]                  | (3097) (*1) |
| Macronix | MX25L3239E   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3239E   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3239E   | [VSOP8]                  | (3088) (*1) |
| Macronix | MX25L3239E   | [VSOP8]                  | (3088) (*1) |
| Macronix | MX25L3239E   | [WSON8 6x5]              | (3097) (*1) |
| Macronix | MX25L3239E   | [WSON8 6x5]              | (3097) (*1) |
| Macronix | MX25L3254E   | [SOP8]                   | (3087) (*1) |
| Macronix | MX25L3254EXC | [TFBGA24 6x8]            | (3128)      |
| Macronix | MX25L3254EXD | [TFBGA24 6x8]            | (3122)      |
| Macronix | MX25L3255D   | (ISP)                    | (138)       |
| Macronix | MX25L3255D   | [BGA24]                  | (1268) (*1) |
| Macronix | MX25L3255D   | [BGA24]                  | (1268) (*1) |
| Macronix | MX25L3255D   | [SOP8-200]               | (3088) (*1) |
| Macronix | MX25L3255D   | [SOP8-200]               | (3088) (*1) |
| Macronix | MX25L3255E   | (ISP)                    | (138)       |
| Macronix | MX25L3255E   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3255E   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3255EXC | [TFBGA24 6x8]            | (1268) (*1) |
| Macronix | MX25L3255EXC | [TFBGA24 6x8]            | (1268) (*1) |
| Macronix | MX25L3255EXD | [TFBGA24 6x8]            | (1343) (*1) |
| Macronix | MX25L3255EXD | [TFBGA24 6x8]            | (1343) (*1) |
| Macronix | MX25L3273E   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3273E   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3273E   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3273E   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3273E   | [VSOP8]                  | (3088) (*1) |
| Macronix | MX25L3273E   | [VSOP8]                  | (3088) (*1) |
| Macronix | MX25L3273E   | [WSON8 6x5]              | (3097) (*1) |
| Macronix | MX25L3273E   | [WSON8 6x5]              | (3097) (*1) |
| Macronix | MX25L3273F   | (ISP)                    | (138)       |
| Macronix | MX25L3273F   | [SOP8-200]               | (3088) (*1) |
| Macronix | MX25L3273F   | [SOP8-200]               | (3088) (*1) |
| Macronix | MX25L3275E   | (ISP)                    | (138)       |
| Macronix | MX25L3275E   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3275E   | [SOP16]                  | (3101) (*1) |
| Macronix | MX25L3275E   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3275E   | [SOP8]                   | (3088) (*1) |
| Macronix | MX25L3275E   | [WSON8 6x5]              | (3097) (*1) |
| Macronix | MX25L3275E   | [WSON8 6x5]              | (3097) (*1) |
| Macronix | MX25L3291F   | (ISP)                    | (138)       |
| Macronix | MX25L3291F   | [SOP8-200]               | (3088) (*1) |
| Macronix | MX25L3291F   | [SOP8-200]               | (3088) (*1) |
| Macronix | MX25L4005    | (ISP)                    | (138)       |
| Macronix | MX25L4005    | [SOIC8-150]              | (3095) (*1) |
| Macronix | MX25L4005    | [SOIC8-200]              | (3088) (*1) |
| Macronix | MX25L4005    | [SON8]                   | (3097) (*1) |
| Macronix | MX25L4005    | [WSON8]                  | (3097) (*1) |
| Macronix | MX25L4005A   | (ISP)                    | (138)       |
| Macronix | MX25L4005A   | [SOIC8-150]              | (3095) (*1) |
| Macronix | MX25L4005A   | [SOIC8-200]              | (3088) (*1) |
| Macronix | MX25L4005A   | [SON8]                   | (3097) (*1) |
| Macronix | MX25L4005A   | [USON8]                  | (3099) (*1) |
| Macronix | MX25L4005A   | [WSON8]                  | (3097) (*1) |
| Macronix | MX25L4005AM2 | (tw scr.)                | (3097) (*1) |
| Macronix | MX25L4005C   | (ISP)                    | (138)       |
| Macronix | MX25L4005C   | [SOIC8-150]              | (3095) (*1) |
| Macronix | MX25L4005C   | [SOIC8-200]              | (3088) (*1) |
| Macronix | MX25L4005C   | [USON8]                  | (3099) (*1) |
| Macronix | MX25L4005C   | [WSON8]                  | (3097) (*1) |
| Macronix | MX25L4006E   | (ISP)                    | (138)       |
| Macronix | MX25L4006E   | [SOP8-150]               | (3095) (*1) |
| Macronix | MX25L4006E   | [SOP8-150]               | (3095) (*1) |

|          |               |                          |              |
|----------|---------------|--------------------------|--------------|
| Macronix | MX25L4006E    | [SOP8-200]               | (3088) (*1)  |
| Macronix | MX25L4006E    | [SOP8-200] (Dual o)      | (3088) (*1)  |
| Macronix | MX25L4006E    | [USON8]                  | (3934) (*1)  |
| Macronix | MX25L4006E    | [WSO8]                   | (3097) (*1)  |
| Macronix | MX25L4006E    | [WSO8] (Dual o)          | (3097) (*1)  |
| Macronix | MX25L4025A    | (ISP)                    | (138)        |
| Macronix | MX25L4025A    | [SON8]                   | (3097) (*1)  |
| Macronix | MX25L4025A    | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25L4025A    | [SOP8-200]               | (3088) (*1)  |
| Macronix | MX25L4025C    | (ISP)                    | (138)        |
| Macronix | MX25L4025C    | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25L4026D    | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25L4026D    | [SOP8-150] (Dual o)      | (3095) (*1)  |
| Macronix | MX25L4026E    | (ISP)                    | (138)        |
| Macronix | MX25L4026E    | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25L4026E    | [SOP8-150] (Dual o)      | (3095) (*1)  |
| Macronix | MX25L512      | (ISP)                    | (138)        |
| Macronix | MX25L512      | [SOIC8-150]              | (3095) (*1)  |
| Macronix | MX25L512      | [SON8]                   | (3097) (*1)  |
| Macronix | MX25L5121E    | (ISP)                    | (138)        |
| Macronix | MX25L5121E    | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25L5121E    | [TSSOP8]                 | (1388)       |
| Macronix | MX25L5121E    | [USON8]                  | (3934) (*1)  |
| Macronix | MX25L51237G   | [SOP16] (Quad I/O)       | (3100) (*1)  |
| Macronix | MX25L51245G   | (ISP)                    | (138) (9997) |
| Macronix | MX25L51245G   | [SOP16] (Quad I/O)       | (3101) (*1)  |
| Macronix | MX25L51245G   | [WSO8 8x6] (Quad I/O)    | (3053) (*1)  |
| Macronix | MX25L51245GXD | [TFBGA24] (Quad I/O)     | (1343) (*1)  |
| Macronix | MX25L51273G   | [SOP16] (Quad I/O)       | (3100) (*1)  |
| Macronix | MX25L512C     | (ISP)                    | (138)        |
| Macronix | MX25L512C     | [SOIC8-150]              | (3095) (*1)  |
| Macronix | MX25L512C     | [TSSOP8]                 | (1388)       |
| Macronix | MX25L512C     | [USON8]                  | (3934) (*1)  |
| Macronix | MX25L512E     | (ISP)                    | (138)        |
| Macronix | MX25L512E     | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25L512E     | [SOP8-150] (Dual o)      | (3095) (*1)  |
| Macronix | MX25L512E     | [TSSOP8]                 | (1388)       |
| Macronix | MX25L512E     | [TSSOP8] (Dual o)        | (1388)       |
| Macronix | MX25L512E     | [USON8]                  | (3934) (*1)  |
| Macronix | MX25L512E     | [USON8] (Dual o)         | (3934) (*1)  |
| Macronix | MX25L6405     | (ISP)                    | (138)        |
| Macronix | MX25L6405     | [SOIC16]                 | (3101) (*1)  |
| Macronix | MX25L6405D    | (ISP)                    | (138)        |
| Macronix | MX25L6405D    | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L6405D    | [SOP16] (Dual SPI)       | (3101) (*1)  |
| Macronix | MX25L6405D    | [WSO8]                   | (3053) (*1)  |
| Macronix | MX25L6405D    | [WSO8] (Dual SPI)        | (3053) (*1)  |
| Macronix | MX25L6406E    | (ISP)                    | (138)        |
| Macronix | MX25L6406E    | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L6406E    | [SOP16] (Dual o)         | (3101) (*1)  |
| Macronix | MX25L6406E    | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25L6406E    | [SOP8] (Dual o)          | (3088) (*1)  |
| Macronix | MX25L6406E    | [VSOP8]                  | (3088) (*1)  |
| Macronix | MX25L6406E    | [VSOP8] (Dual o)         | (3088) (*1)  |
| Macronix | MX25L6406E    | [WSO8 6x5]               | (3097) (*1)  |
| Macronix | MX25L6406E    | [WSO8 6x5] (Dual o)      | (3097) (*1)  |
| Macronix | MX25L6406E    | [WSO8]                   | (3053) (*1)  |
| Macronix | MX25L6406E    | [WSO8] (Dual o)          | (3053) (*1)  |
| Macronix | MX25L6406EXC  | [TFBGA24 6x8]            | (1268) (*1)  |
| Macronix | MX25L6406EXC  | [TFBGA24 6x8] (Dual o)   | (1268) (*1)  |
| Macronix | MX25L6406EXD  | [TFBGA24 6x8]            | (1343) (*1)  |
| Macronix | MX25L6406EXD  | [TFBGA24 6x8] (Dual o)   | (1343) (*1)  |
| Macronix | MX25L6408D    | (ISP)                    | (138)        |
| Macronix | MX25L6408D    | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L6408D    | [SOP16] (Dual I/O)       | (3101) (*1)  |
| Macronix | MX25L6408D    | [WSO8]                   | (3053) (*1)  |
| Macronix | MX25L6408D    | [WSO8] (Dual I/O)        | (3053) (*1)  |
| Macronix | MX25L6408E    | (ISP)                    | (138)        |
| Macronix | MX25L6408E    | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L6408E    | [SOP16] (Dual o)         | (3101) (*1)  |
| Macronix | MX25L6408E    | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25L6408E    | [SOP8] (Dual o)          | (3088) (*1)  |
| Macronix | MX25L6408E    | [WSO8]                   | (3053) (*1)  |
| Macronix | MX25L6408E    | [WSO8] (Dual o)          | (3053) (*1)  |
| Macronix | MX25L6433F    | (ISP)                    | (138)        |
| Macronix | MX25L6433F    | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L6433F    | [SOP16] (Quad I/O)       | (3101) (*1)  |
| Macronix | MX25L6433F    | [SOP8-200]               | (3088) (*1)  |
| Macronix | MX25L6433F    | [SOP8-200] (Quad I/O)    | (3088) (*1)  |
| Macronix | MX25L6433F    | [WSO8 6x5]               | (3097) (*1)  |
| Macronix | MX25L6433F    | [WSO8 6x5] (Quad I/O)    | (3097) (*1)  |
| Macronix | MX25L6433F    | [WSO8 8x6]               | (3926) (*1)  |
| Macronix | MX25L6433F    | [WSO8 8x6] (Quad I/O)    | (3926) (*1)  |
| Macronix | MX25L6433FXC  | [TFBGA24 6x8]            | (1268) (*1)  |
| Macronix | MX25L6433FXC  | [TFBGA24 6x8] (Quad I/O) | (1268) (*1)  |
| Macronix | MX25L6435E    | (ISP)                    | (138)        |
| Macronix | MX25L6435E    | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L6435E    | [SOP16] (Quad I/O)       | (3101) (*1)  |
| Macronix | MX25L6435E    | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25L6435E    | [SOP8] (Quad I/O)        | (3088) (*1)  |
| Macronix | MX25L6435E    | [TFBGA24 6x8]            | (1268) (*1)  |
| Macronix | MX25L6435E    | [TFBGA24 6x8] (Quad I/O) | (1268) (*1)  |
| Macronix | MX25L6435E    | [WLCSPI2]                | (3450) (*1)  |
| Macronix | MX25L6435E    | [WSO8 6x5]               | (3097) (*1)  |
| Macronix | MX25L6435E    | [WSO8 6x5] (Quad I/O)    | (3097) (*1)  |
| Macronix | MX25L6435E    | [WSO8 8x6]               | (3053) (*1)  |
| Macronix | MX25L6435E    | [WSO8 8x6] (Quad I/O)    | (3053) (*1)  |
| Macronix | MX25L6436E    | (ISP)                    | (138)        |
| Macronix | MX25L6436E    | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L6436E    | [SOP16] (Quad I/O)       | (3101) (*1)  |
| Macronix | MX25L6436E    | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25L6436E    | [SOP8] (Quad I/O)        | (3088) (*1)  |
| Macronix | MX25L6436F    | (ISP)                    | (138) (9997) |
| Macronix | MX25L6436F    | [SOP8-200]               | (3087) (*1)  |
| Macronix | MX25L6436F    | [SOP8-200] (Quad I/O)    | (3087) (*1)  |
| Macronix | MX25L6439E    | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25L6439E    | [SOP8] (Quad I/O)        | (3088) (*1)  |
| Macronix | MX25L6439E    | [VSOP8]                  | (3088) (*1)  |
| Macronix | MX25L6439E    | [VSOP8] (Quad I/O)       | (3088) (*1)  |
| Macronix | MX25L6445E    | (ISP)                    | (138)        |
| Macronix | MX25L6445E    | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L6445E    | [SOP16] (Dual SPI)       | (3101) (*1)  |
| Macronix | MX25L6445E    | [SOP16] (Quad SPI)       | (3101) (*1)  |
| Macronix | MX25L6445E    | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25L6445E    | [SOP8] (Dual SPI)        | (3088) (*1)  |
| Macronix | MX25L6445E    | [SOP8] (Quad SPI)        | (3088) (*1)  |
| Macronix | MX25L6445E    | [WSO8]                   | (3053) (*1)  |
| Macronix | MX25L6445E    | [WSO8] (Dual SPI)        | (3053) (*1)  |
| Macronix | MX25L6445E    | [WSO8] (Quad SPI)        | (3053) (*1)  |
| Macronix | MX25L6446E    | (ISP)                    | (138)        |
| Macronix | MX25L6446E    | [SOP16]                  | (3101) (*1)  |
| Macronix | MX25L6446E    | [SOP16] (Dual SPI)       | (3101) (*1)  |
| Macronix | MX25L6446E    | [SOP16] (Quad SPI)       | (3101) (*1)  |
| Macronix | MX25L6446E    | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25L6446E    | [SOP8] (Dual SPI)        | (3088) (*1)  |
| Macronix | MX25L6446E    | [SOP8] (Quad SPI)        | (3088) (*1)  |
| Macronix | MX25L6446E    | [WSO8]                   | (3053) (*1)  |
| Macronix | MX25L6446E    | [WSO8] (Dual SPI)        | (3053) (*1)  |
| Macronix | MX25L6446E    | [WSO8] (Quad SPI)        | (3053) (*1)  |

|          |                   |               |            |        |        |
|----------|-------------------|---------------|------------|--------|--------|
| Macronix | MX25L6446E        | [WSON8]       | (QuadSPI)  | (3053) | (*1)   |
| Macronix | MX25L6455E        | [SOP16]       |            | (3101) | (*1)   |
| Macronix | MX25L6455E        | [SOP16]       | (DualSPI)  | (3101) | (*1)   |
| Macronix | MX25L6455E        | [SOP16]       | (QuadSPI)  | (3101) | (*1)   |
| Macronix | MX25L6455E        | [TFBGA24]     |            | (1268) | (*1)   |
| Macronix | MX25L6455E        | [TFBGA24]     | (DualSPI)  | (1268) | (*1)   |
| Macronix | MX25L6455E        | [TFBGA24]     | (QuadSPI)  | (1268) | (*1)   |
| Macronix | MX25L6456E        | [SOP8]        |            | (3088) | (*1)   |
| Macronix | MX25L6456E        | [SOP8]        | (Quad I/O) | (3088) | (*1)   |
| Macronix | MX25L6456EXC      | [TFBGA24 6x8] |            | (1268) | (*1)   |
| Macronix | MX25L6456EXC      | [TFBGA24 6x8] | (Quad I/O) | (1268) | (*1)   |
| Macronix | MX25L6456EXD      | [TFBGA24 6x8] |            | (1343) | (*1)   |
| Macronix | MX25L6456EXD      | [TFBGA24 6x8] | (Quad I/O) | (1343) | (*1)   |
| Macronix | MX25L6456F        | [ISP]         |            | (138)  | (9997) |
| Macronix | MX25L6456F        | [SOP8]        |            | (3087) | (*1)   |
| Macronix | MX25L6456F        | [SOP8]        | (Quad I/O) | (3087) | (*1)   |
| Macronix | MX25L6456FXC      | [TFBGA24 6x8] |            | (3128) |        |
| Macronix | MX25L6456FXC      | [TFBGA24 6x8] | (Quad I/O) | (3128) |        |
| Macronix | MX25L6456FXD      | [TFBGA24 6x8] |            | (3122) |        |
| Macronix | MX25L6456FXD      | [TFBGA24 6x8] | (Quad I/O) | (3122) |        |
| Macronix | MX25L6465E        | [ISP]         |            | (138)  |        |
| Macronix | MX25L6465E        | [SOP16]       |            | (3101) | (*1)   |
| Macronix | MX25L6465E        | [SOP16]       | (DualSPI)  | (3101) | (*1)   |
| Macronix | MX25L6465E        | [SOP16]       | (QuadSPI)  | (3101) | (*1)   |
| Macronix | MX25L6465E        | [SOP8]        |            | (3088) | (*1)   |
| Macronix | MX25L6465E        | [SOP8]        | (DualSPI)  | (3088) | (*1)   |
| Macronix | MX25L6465E        | [SOP8]        | (QuadSPI)  | (3088) | (*1)   |
| Macronix | MX25L6465E        | [WSON8]       |            | (3053) | (*1)   |
| Macronix | MX25L6465E        | [WSON8]       | (DualSPI)  | (3053) | (*1)   |
| Macronix | MX25L6465E        | [WSON8]       | (QuadSPI)  | (3053) | (*1)   |
| Macronix | MX25L6473E        |               |            |        |        |
| Macronix | MX25L6473E        | [ISP]         |            | (138)  |        |
| Macronix | MX25L6473E        | [SOP16]       |            | (3101) | (*1)   |
| Macronix | MX25L6473E        | [SOP16]       | (Quad I/O) | (3101) | (*1)   |
| Macronix | MX25L6473E        | [SOP8]        |            | (3088) | (*1)   |
| Macronix | MX25L6473E        | [SOP8]        | (Quad I/O) | (3088) | (*1)   |
| Macronix | MX25L6473E        | [VSOP8]       |            | (3088) | (*1)   |
| Macronix | MX25L6473E        | [VSOP8]       | (Quad I/O) | (3088) | (*1)   |
| Macronix | MX25L6473E        | [WSON8 6x5]   |            | (3097) | (*1)   |
| Macronix | MX25L6473E        | [WSON8 6x5]   | (Quad I/O) | (3097) | (*1)   |
| Macronix | MX25L6473F        | [ISP]         |            | (138)  |        |
| Macronix | MX25L6473F        | [SOP8-200]    |            | (3088) | (*1)   |
| Macronix | MX25L6473F        | [SOP8-200]    | (Quad I/O) | (3088) | (*1)   |
| Macronix | MX25L6473F        | [WSON8 6x5]   |            | (3097) | (*1)   |
| Macronix | MX25L6473F        | [WSON8 6x5]   | (Quad I/O) | (3097) | (*1)   |
| Macronix | MX25L6475E        | [ISP]         |            | (138)  |        |
| Macronix | MX25L6475E        | [SOP16]       |            | (3101) | (*1)   |
| Macronix | MX25L6475E        | [SOP16]       | (Quad I/O) | (3101) | (*1)   |
| Macronix | MX25L6475E        | [SOP8]        |            | (3088) | (*1)   |
| Macronix | MX25L6475E        | [SOP8]        | (Quad I/O) | (3088) | (*1)   |
| Macronix | MX25L6475E        | [WSON8 6x5]   |            | (3097) | (*1)   |
| Macronix | MX25L6475E        | [WSON8 6x5]   | (Quad I/O) | (3097) | (*1)   |
| Macronix | MX25L8005         |               |            |        |        |
| Macronix | MX25L8005         | [ISP]         |            | (138)  |        |
| Macronix | MX25L8005         | [SOIC8-150]   |            | (3095) | (*1)   |
| Macronix | MX25L8005         | [SOIC8-200]   |            | (3088) | (*1)   |
| Macronix | MX25L8005         | [SON8]        |            | (3097) | (*1)   |
| Macronix | MX25L8005         | [USON8]       |            | (3099) | (*1)   |
| Macronix | MX25L8005         | [WSON8]       |            | (3097) | (*1)   |
| Macronix | MX25L8006E        |               |            |        |        |
| Macronix | MX25L8006E        | [ISP]         |            | (138)  |        |
| Macronix | MX25L8006E        | [SOP8-150]    |            | (3095) | (*1)   |
| Macronix | MX25L8006E        | [SOP8-150]    | (Dual o)   | (3095) | (*1)   |
| Macronix | MX25L8006E        | [SOP8-200]    |            | (3088) | (*1)   |
| Macronix | MX25L8006E        | [SOP8-200]    | (Dual o)   | (3088) | (*1)   |
| Macronix | MX25L8006E        | [USON8]       |            | (3099) | (*1)   |
| Macronix | MX25L8006E        | [USON8]       | (Dual o)   | (3099) | (*1)   |
| Macronix | MX25L8006E        | [WSON8]       |            | (3097) | (*1)   |
| Macronix | MX25L8006E        | [WSON8]       | (Dual o)   | (3097) | (*1)   |
| Macronix | MX25L8008E        | [ISP]         |            | (138)  |        |
| Macronix | MX25L8008E        | [SOP8-200]    |            | (3088) | (*1)   |
| Macronix | MX25L8008E        | [SOP8-200]    | (Dual o)   | (3088) | (*1)   |
| Macronix | MX25L8008E        | [USON8]       |            | (3099) | (*1)   |
| Macronix | MX25L8008E        | [USON8]       | (Dual o)   | (3099) | (*1)   |
| Macronix | MX25L8025         | [ISP]         |            | (138)  |        |
| Macronix | MX25L8025         | [SOP8-150]    |            | (3095) | (*1)   |
| Macronix | MX25L8025         | [SOP8-200]    |            | (3088) | (*1)   |
| Macronix | MX25L8035E        | [ISP]         |            | (138)  |        |
| Macronix | MX25L8035E        | [SOP8]        |            | (3088) | (*1)   |
| Macronix | MX25L8035E        | [SOP8]        | (Quad I/O) | (3088) | (*1)   |
| Macronix | MX25L8035E        | [SOP8-150]    |            | (3095) | (*1)   |
| Macronix | MX25L8035E        | [SOP8-150]    | (Quad I/O) | (3095) | (*1)   |
| Macronix | MX25L8036E        | [ISP]         |            | (138)  |        |
| Macronix | MX25L8036E        | [SOP8]        |            | (3088) | (*1)   |
| Macronix | MX25L8036E        | [SOP8]        | (Quad I/O) | (3088) | (*1)   |
| Macronix | MX25L8073E        | [SOP8]        |            | (3088) | (*1)   |
| Macronix | MX25L8073E        | [SOP8]        | (Quad I/O) | (3088) | (*1)   |
| Macronix | MX25L8075E        | [SOP8]        |            | (3088) | (*1)   |
| Macronix | MX25L8075E        | [SOP8]        | (Quad I/O) | (3088) | (*1)   |
| Macronix | MX25LW51245GDXD00 | [BGA24]       |            | (3122) |        |
| Macronix | MX25LW51245GDXD00 | [BGA24]       | (Octa I/O) | (3122) |        |
| Macronix | MX25R1035FxxxH0   | [ISP]         |            | (138)  |        |
| Macronix | MX25R1035FxxxH0   | [SOP8-150]    |            | (3095) | (*1)   |
| Macronix | MX25R1035FxxxH0   | [SOP8-150]    | (Quad I/O) | (3095) | (*1)   |
| Macronix | MX25R1035FxxxH0   | [SOP8-200]    |            | (3088) | (*1)   |
| Macronix | MX25R1035FxxxH0   | [SOP8-200]    | (Quad I/O) | (3088) | (*1)   |
| Macronix | MX25R1035FxxxH0   | [TSSOP8]      |            | (1388) |        |
| Macronix | MX25R1035FxxxH0   | [TSSOP8]      | (Quad I/O) | (1388) |        |
| Macronix | MX25R1035FxxxH0   | [USON8 2x3]   |            | (3934) | (*1)   |
| Macronix | MX25R1035FxxxH1   | [ISP]         |            | (138)  |        |
| Macronix | MX25R1035FxxxH1   | [SOP8-150]    |            | (3094) | (*1)   |
| Macronix | MX25R1035FxxxH1   | [SOP8-150]    | (Quad I/O) | (3094) | (*1)   |
| Macronix | MX25R1035FxxxH1   | [SOP8-200]    |            | (3087) | (*1)   |
| Macronix | MX25R1035FxxxH1   | [SOP8-200]    | (Quad I/O) | (3087) | (*1)   |
| Macronix | MX25R1035FxxxL0   | [ISP]         |            | (138)  |        |
| Macronix | MX25R1035FxxxL0   | [SOP8-150]    |            | (3095) | (*1)   |
| Macronix | MX25R1035FxxxL0   | [SOP8-150]    | (Quad I/O) | (3095) | (*1)   |
| Macronix | MX25R1035FxxxL0   | [SOP8-200]    |            | (3088) | (*1)   |
| Macronix | MX25R1035FxxxL0   | [SOP8-200]    | (Quad I/O) | (3088) | (*1)   |
| Macronix | MX25R1035FxxxL0   | [TSSOP8]      |            | (1388) |        |
| Macronix | MX25R1035FxxxL0   | [TSSOP8]      | (Quad I/O) | (1388) |        |
| Macronix | MX25R1035FxxxL0   | [USON8 2x3]   |            | (3934) | (*1)   |
| Macronix | MX25R1035FxxxL0   | [USON8 2x3]   | (Quad I/O) | (3934) | (*1)   |
| Macronix | MX25R1635FxxxH0   | [ISP]         |            | (138)  |        |
| Macronix | MX25R1635FxxxH0   | [SOP8-150]    |            | (3095) | (*1)   |
| Macronix | MX25R1635FxxxH0   | [SOP8-150]    | (Quad I/O) | (3095) | (*1)   |
| Macronix | MX25R1635FxxxH0   | [SOP8-200]    |            | (3088) | (*1)   |
| Macronix | MX25R1635FxxxH0   | [SOP8-200]    | (Quad I/O) | (3088) | (*1)   |
| Macronix | MX25R1635FxxxH0   | [USON8 2x3]   |            | (3934) | (*1)   |
| Macronix | MX25R1635FxxxH0   | [WSON8]       |            | (3097) | (*1)   |
| Macronix | MX25R1635FxxxH0   | [WSON8]       | (Quad I/O) | (3097) | (*1)   |
| Macronix | MX25R1635FxxxH1   | [ISP]         |            | (138)  |        |
| Macronix | MX25R1635FxxxH1   | [SOP8-150]    |            | (3094) | (*1)   |
| Macronix | MX25R1635FxxxH1   | [SOP8-150]    | (Quad I/O) | (3094) | (*1)   |
| Macronix | MX25R1635FxxxH1   | [SOP8-200]    |            | (3087) | (*1)   |
| Macronix | MX25R1635FxxxH1   | [SOP8-200]    | (Quad I/O) | (3087) | (*1)   |
| Macronix | MX25R1635FxxxH1   | [WSON8]       |            | (4117) | (*1)   |
| Macronix | MX25R1635FxxxH1   | [WSON8]       | (Quad I/O) | (4117) | (*1)   |

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|          |                 |                        |             |
|----------|-----------------|------------------------|-------------|
| Macronix | MX25R8035FxxxH1 | [SOP8-200] (Quad I/o)  | (3087) (*1) |
| Macronix | MX25R8035FxxxH1 | [UDFN8 2x3]            | (3934) (*1) |
| Macronix | MX25R8035FxxxH1 | [UDFN8 2x3] (Quad I/o) | (3934) (*1) |
| Macronix | MX25R8035FxxxH1 | [WSON8]                | (4117) (*1) |
| Macronix | MX25R8035FxxxH1 | [WSON8] (Quad I/o)     | (4117) (*1) |
| Macronix | MX25R8035FxxxL0 | (ISP)                  | (138)       |
| Macronix | MX25R8035FxxxL0 | [SOP8-150]             | (3095) (*1) |
| Macronix | MX25R8035FxxxL0 | [SOP8-150] (Quad I/o)  | (3095) (*1) |
| Macronix | MX25R8035FxxxL0 | [SOP8-200]             | (3088) (*1) |
| Macronix | MX25R8035FxxxL0 | [SOP8-200] (Quad I/o)  | (3088) (*1) |
| Macronix | MX25R8035FxxxL0 | [USON8 2x3]            | (3934) (*1) |
| Macronix | MX25R8035FxxxL0 | [WSON8]                | (3097) (*1) |
| Macronix | MX25R8035FxxxL0 | [WSON8] (Quad I/o)     | (3097) (*1) |
| Macronix | MX25U1001E      | (ISP)                  | (138)       |
| Macronix | MX25U1001E      | [SOP8-150]             | (3095) (*1) |
| Macronix | MX25U1001E      | [TSSOP]                | (1388)      |
| Macronix | MX25U1001E      | [USON8]                | (3934) (*1) |
| Macronix | MX25U12833F     | [WSON8 6x5]            | (3097) (*1) |
| Macronix | MX25U12835F     | (ISP)                  | (138)       |
| Macronix | MX25U12835F     | [SOP16]                | (3101) (*1) |
| Macronix | MX25U12835F     | [SOP8]                 | (3087) (*1) |
| Macronix | MX25U12835F     | [WSON8 6x5]            | (3097) (*1) |
| Macronix | MX25U12835F     | [WSON8 6x5] (Quad I/o) | (4882) (*1) |
| Macronix | MX25U12835F     | [WSON8 8x6]            | (3053) (*1) |
| Macronix | MX25U12835FXD   | [BGA24]                | (3122)      |
| Macronix | MX25U12835FXD   | [BGA24] (Quad I/o)     | (3122)      |
| Macronix | MX25U12873F     | [SOP8] (Quad I/o)      | (3087) (*1) |
| Macronix | MX25U12890F     | [WSON8 6x5]            | (4116) (*1) |
| Macronix | MX25U12890F     | [WSON8 6x5] (Quad I/o) | (4116) (*1) |
| Macronix | MX25U1630F      | [SOP8-150]             | (3094) (*1) |
| Macronix | MX25U1630F      | [SOP8-150] (Dual I/o)  | (3094) (*1) |
| Macronix | MX25U1630F      | [SOP8-150] (Quad I/o)  | (3094) (*1) |
| Macronix | MX25U1631F      | [SOP8-150]             | (3094) (*1) |
| Macronix | MX25U1631F      | [SOP8-150] (Dual I/o)  | (3094) (*1) |
| Macronix | MX25U1631F      | [USON8 4x3]            | (2430)      |
| Macronix | MX25U1631F      | [USON8 4x3] (Dual I/o) | (2430)      |
| Macronix | MX25U1631F      | [VSOP8-150]            | (3094) (*1) |
| Macronix | MX25U1631F      | [VSOP8-150] (Dual I/o) | (3094) (*1) |
| Macronix | MX25U1631F      | [WSON8]                | (4117) (*1) |
| Macronix | MX25U1631F      | [WSON8] (Dual I/o)     | (4117) (*1) |
| Macronix | MX25U1633F      | [SOP8-150]             | (3094) (*1) |
| Macronix | MX25U1633F      | [SOP8-150] (Quad I/o)  | (3094) (*1) |
| Macronix | MX25U1633F      | [SOP8-200]             | (3087) (*1) |
| Macronix | MX25U1633F      | [SOP8-200] (Quad I/o)  | (3087) (*1) |
| Macronix | MX25U1633F      | [USON8 2x3]            | (3934) (*1) |
| Macronix | MX25U1633F      | [USON8 2x3] (Quad I/o) | (3934) (*1) |
| Macronix | MX25U1635E      | (ISP)                  | (138)       |
| Macronix | MX25U1635E      | [SOP8-150]             | (3095) (*1) |
| Macronix | MX25U1635E      | [SOP8-150] (Dual I/o)  | (3095) (*1) |
| Macronix | MX25U1635E      | [SOP8-200]             | (3088) (*1) |
| Macronix | MX25U1635E      | [SOP8-200] (Dual I/o)  | (3088) (*1) |
| Macronix | MX25U1635E      | [USON8]                | (3099) (*1) |
| Macronix | MX25U1635E      | [USON8] (Dual I/o)     | (3099) (*1) |
| Macronix | MX25U1635E      | [WSON8]                | (3097) (*1) |
| Macronix | MX25U1635E      | [WSON8] (Dual I/o)     | (3097) (*1) |
| Macronix | MX25U1635F      | [SOP8-200]             | (3088) (*1) |
| Macronix | MX25U1635F      | [SOP8-200] (Dual I/o)  | (3088) (*1) |
| Macronix | MX25U1635F      | [USON8 4x3]            | (2430)      |
| Macronix | MX25U1635F      | [USON8 4x3] (Dual I/o) | (2430)      |
| Macronix | MX25U1635F      | [USON8]                | (3099) (*1) |
| Macronix | MX25U1635F      | [USON8] (Dual I/o)     | (3099) (*1) |
| Macronix | MX25U1635F      | [WLCSP12]              | (4084) (*1) |
| Macronix | MX25U1635F      | [WLCSP12] (Dual I/o)   | (4084) (*1) |
| Macronix | MX25U1635F      | [WSON8]                | (3097) (*1) |
| Macronix | MX25U1635F      | [WSON8] (Dual I/o)     | (3097) (*1) |
| Macronix | MX25U2032E      | (ISP)                  | (138)       |
| Macronix | MX25U2032E      | [SOP8-150]             | (3095) (*1) |
| Macronix | MX25U2032E      | [SOP8-150] (Dual I/o)  | (3095) (*1) |
| Macronix | MX25U2032E      | [USON8]                | (3099) (*1) |
| Macronix | MX25U2032E      | [USON8] (Dual I/o)     | (3099) (*1) |
| Macronix | MX25U2032E      | [VSOP8-150]            | (3095) (*1) |
| Macronix | MX25U2032E      | [VSOP8-150] (Dual I/o) | (3095) (*1) |
| Macronix | MX25U2032E      | [WSON8]                | (3097) (*1) |
| Macronix | MX25U2032E      | [WSON8] (Dual I/o)     | (3097) (*1) |
| Macronix | MX25U2033E      | (ISP)                  | (138)       |
| Macronix | MX25U2033E      | [SOP8-150]             | (3095) (*1) |
| Macronix | MX25U2033E      | [USON8]                | (3099) (*1) |
| Macronix | MX25U2033E      | [WSON8]                | (3097) (*1) |
| Macronix | MX25U25635F     | [SOP16] (Quad I/o)     | (3101) (*1) |
| Macronix | MX25U25635F     | [WSON8 8x6] (Quad I/o) | (4973)      |
| Macronix | MX25U25645G     | [SOP16]                | (3100) (*1) |
| Macronix | MX25U25645G     | [SOP16] (Quad I/o)     | (3100) (*1) |
| Macronix | MX25U25645G     | [WSON8 6x5]            | (4117) (*1) |
| Macronix | MX25U25645G     | [WSON8 6x5] (Quad I/o) | (4117) (*1) |
| Macronix | MX25U25645G     | [WSON8 8x6]            | (3926) (*1) |
| Macronix | MX25U25645G     | [WSON8 8x6] (Quad I/o) | (3926) (*1) |
| Macronix | MX25U25645GXD   | [TFBGA24]              | (3122)      |
| Macronix | MX25U25645GXD   | [TFBGA24] (Quad I/o)   | (3122)      |
| Macronix | MX25U25673G     | [SOP16] (Quad I/o)     | (3100) (*1) |
| Macronix | MX25U25673G     | [WSON8 8x6] (Quad I/o) | (4973)      |
| Macronix | MX25U3235E      | (ISP)                  | (138)       |
| Macronix | MX25U3235E      | [SOP8]                 | (3088) (*1) |
| Macronix | MX25U3235E      | [SOP8] (Dual I/o)      | (3088) (*1) |
| Macronix | MX25U3235E      | [WSON8]                | (3097) (*1) |
| Macronix | MX25U3235E      | [WSON8] (Dual I/o)     | (3097) (*1) |
| Macronix | MX25U3235F      | (ISP)                  | (138)       |
| Macronix | MX25U3235F      | [SOP8]                 | (3088) (*1) |
| Macronix | MX25U3235F      | [USON8 4x3]            | (2430)      |
| Macronix | MX25U3235F      | [WSON8]                | (3097) (*1) |
| Macronix | MX25U3235F      | [XSON8 4x4]            | (3233)      |
| Macronix | MX25U3273F      | [SOP8-200] (Quad I/o)  | (3087) (*1) |
| Macronix | MX25U4032E      | (ISP)                  | (138)       |
| Macronix | MX25U4032E      | [SOP8-150]             | (3095) (*1) |
| Macronix | MX25U4032E      | [SOP8-150] (Dual I/o)  | (3095) (*1) |
| Macronix | MX25U4032E      | [USON8]                | (3099) (*1) |
| Macronix | MX25U4032E      | [USON8] (Dual I/o)     | (3099) (*1) |
| Macronix | MX25U4032E      | [VSOP8-150]            | (3095) (*1) |
| Macronix | MX25U4032E      | [VSOP8-150] (Dual I/o) | (3095) (*1) |
| Macronix | MX25U4032E      | [WSON8]                | (3097) (*1) |
| Macronix | MX25U4032E      | [WSON8] (Dual I/o)     | (3097) (*1) |
| Macronix | MX25U4033E      | (ISP)                  | (138)       |
| Macronix | MX25U4033E      | [SOP8-150]             | (3095) (*1) |
| Macronix | MX25U4033E      | [USON8 4x3]            | (2430)      |
| Macronix | MX25U4033E      | [USON8]                | (3099) (*1) |
| Macronix | MX25U4033E      | [WSON8]                | (3097) (*1) |
| Macronix | MX25U4035       | [SOP8-150]             | (3095) (*1) |
| Macronix | MX25U4035       | [SOP8-150] (Dual I/o)  | (3095) (*1) |
| Macronix | MX25U4035       | [SOP8-150] (Quad I/o)  | (3095) (*1) |
| Macronix | MX25U4035       | [USON8]                | (3099) (*1) |
| Macronix | MX25U4035       | [USON8] (Dual I/o)     | (3099) (*1) |
| Macronix | MX25U4035       | [USON8] (Quad I/o)     | (3099) (*1) |
| Macronix | MX25U4035       | [WSON8]                | (3097) (*1) |
| Macronix | MX25U4035       | [WSON8] (Dual I/o)     | (3097) (*1) |
| Macronix | MX25U4035       | [WSON8] (Quad I/o)     | (3097) (*1) |
| Macronix | MX25U4035F      | [SOP8-150]             | (3094) (*1) |
| Macronix | MX25U4035F      | [SOP8-150] (Quad I/o)  | (3094) (*1) |
| Macronix | MX25U4035F      | [USON8 2x3]            | (3934) (*1) |
| Macronix | MX25U4035F      | [USON8 2x3] (Quad I/o) | (3934) (*1) |

|          |                   |                          |              |
|----------|-------------------|--------------------------|--------------|
| Macronix | MX25U5121E        | (ISP)                    | (138)        |
| Macronix | MX25U5121E        | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25U5121E        | [TSSOP8]                 | (1388)       |
| Macronix | MX25U5121E        | [USON8]                  | (3934) (*1)  |
| Macronix | MX25U51245G       | (ISP)                    | (138) (9997) |
| Macronix | MX25U51245G       | [SOP16]                  | (3100) (*1)  |
| Macronix | MX25U51245G       | [SOP16] (Quad I/O)       | (3100) (*1)  |
| Macronix | MX25U51245G       | [WSON8 8x6]              | (3926) (*1)  |
| Macronix | MX25U51245G       | [WSON8 8x6] (Quad I/O)   | (3926) (*1)  |
| Macronix | MX25U51245GXD     | [TFBGA24]                | (3122)       |
| Macronix | MX25U51245GXD     | [TFBGA24] (Quad I/O)     | (3122)       |
| Macronix | MX25U6433F        | [WSON8 6x5]              | (4117) (*1)  |
| Macronix | MX25U6433F        | [WSON8 6x5] (Quad I/O)   | (4117) (*1)  |
| Macronix | MX25U6435E        | (ISP)                    | (138)        |
| Macronix | MX25U6435E        | [WSON8]                  | (3097) (*1)  |
| Macronix | MX25U6435E        | [WSON8] (Dual I/O)       | (3097) (*1)  |
| Macronix | MX25U6435F        | (ISP)                    | (138)        |
| Macronix | MX25U6435F        | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25U6435F        | [WLCSP12]                | (3436) (*1)  |
| Macronix | MX25U6435F        | [WSON8]                  | (3097) (*1)  |
| Macronix | MX25U6473F        | (ISP)                    | (138)        |
| Macronix | MX25U6473F        | [SOP8]                   | (3088) (*1)  |
| Macronix | MX25U6473F        | [SOP8] (Quad I/O)        | (3088) (*1)  |
| Macronix | MX25U6473F        | [WSON8 6x5]              | (4117) (*1)  |
| Macronix | MX25U6473F        | [WSON8 6x5] (Quad I/O)   | (4117) (*1)  |
| Macronix | MX25U8032E        | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25U8032E        | [SOP8-150] (Dual I/O)    | (3095) (*1)  |
| Macronix | MX25U8032E        | [USON8 4x3]              | (2430)       |
| Macronix | MX25U8032E        | [USON8 4x3] (Dual I/O)   | (2430)       |
| Macronix | MX25U8032E        | [USON8 4x4]              | (3099) (*1)  |
| Macronix | MX25U8032E        | [USON8 4x4] (Dual I/O)   | (3099) (*1)  |
| Macronix | MX25U8032E        | [VSOP8]                  | (3095) (*1)  |
| Macronix | MX25U8032E        | [VSOP8] (Dual I/O)       | (3095) (*1)  |
| Macronix | MX25U8032E        | [WSON8 6x5]              | (3097) (*1)  |
| Macronix | MX25U8032E        | [WSON8 6x5] (Dual I/O)   | (3097) (*1)  |
| Macronix | MX25U8033E        | (ISP)                    | (138)        |
| Macronix | MX25U8033E        | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25U8033E        | [SOP8-200]               | (3088) (*1)  |
| Macronix | MX25U8033E        | [USON8]                  | (3099) (*1)  |
| Macronix | MX25U8033E        | [WSON8]                  | (3097) (*1)  |
| Macronix | MX25U8035         | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25U8035         | [SOP8-150] (Dual I/O)    | (3095) (*1)  |
| Macronix | MX25U8035         | [USON8]                  | (3099) (*1)  |
| Macronix | MX25U8035         | [USON8] (Dual I/O)       | (3099) (*1)  |
| Macronix | MX25U8035E        | (ISP)                    | (138)        |
| Macronix | MX25U8035E        | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25U8035E        | [SOP8-150] (Dual I/O)    | (3095) (*1)  |
| Macronix | MX25U8035E        | [SOP8-200]               | (3088) (*1)  |
| Macronix | MX25U8035E        | [SOP8-200] (Dual I/O)    | (3088) (*1)  |
| Macronix | MX25U8035E        | [USON8]                  | (3099) (*1)  |
| Macronix | MX25U8035E        | [USON8] (Dual I/O)       | (3099) (*1)  |
| Macronix | MX25U8035E        | [WSON8]                  | (3097) (*1)  |
| Macronix | MX25U8035E        | [WSON8] (Dual I/O)       | (3097) (*1)  |
| Macronix | MX25U8035F        | [SOP8-150]               | (3094) (*1)  |
| Macronix | MX25U8035F        | [SOP8-150] (Quad I/O)    | (3094) (*1)  |
| Macronix | MX25U8035F        | [USON8 2x3]              | (3934) (*1)  |
| Macronix | MX25U8035F        | [USON8 2x3] (Quad I/O)   | (3934) (*1)  |
| Macronix | MX25UM25645GMX00  | [SOP16]                  | (3100) (*1)  |
| Macronix | MX25UM25645GMX00  | [SOP16] (Octa I/O)       | (3100) (*1)  |
| Macronix | MX25UM25645GXD00  | [BGA24]                  | (3122)       |
| Macronix | MX25UM25645GXD00  | [BGA24] (Octa I/O)       | (3122)       |
| Macronix | MX25UM51245GMX00  | [SOP16]                  | (3100) (*1)  |
| Macronix | MX25UM51245GMX00  | [SOP16] (Octa I/O)       | (3100) (*1)  |
| Macronix | MX25UM51245GXD00  | [BGA24]                  | (3122)       |
| Macronix | MX25UM51245GXD00  | [BGA24] (Octa I/O)       | (3122)       |
| Macronix | MX25UM51245GXD0A  | [BGA24]                  | (3122)       |
| Macronix | MX25UM51245GXD0A  | [BGA24] (Octa I/O)       | (3122)       |
| Macronix | MX25UM51245GXD0H0 | [BGA24]                  | (3122)       |
| Macronix | MX25UM51245GXD0H0 | [BGA24] (Octa I/O)       | (3122)       |
| Macronix | MX25V1006E        | (ISP)                    | (138)        |
| Macronix | MX25V1006E        | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25V1006E        | [SOP8-150] (Dual o)      | (3095) (*1)  |
| Macronix | MX25V1006E        | [TSSOP8]                 | (1388)       |
| Macronix | MX25V1006E        | [TSSOP8] (Dual o)        | (1388)       |
| Macronix | MX25V1006E        | [USON8]                  | (3934) (*1)  |
| Macronix | MX25V1006E        | [USON8] (Dual o)         | (3934) (*1)  |
| Macronix | MX25V1006F        | (ISP)                    | (138)        |
| Macronix | MX25V1006F        | [SOP8-150]               | (3094) (*1)  |
| Macronix | MX25V1006F        | [SOP8-150] (Dual o)      | (3094) (*1)  |
| Macronix | MX25V1006F        | [TSSOP8]                 | (1388)       |
| Macronix | MX25V1006F        | [TSSOP8] (Dual o)        | (1388)       |
| Macronix | MX25V1006F        | [USON8]                  | (3934) (*1)  |
| Macronix | MX25V1006F        | [USON8] (Dual o)         | (3934) (*1)  |
| Macronix | MX25V1035F        | (ISP)                    | (138)        |
| Macronix | MX25V1035F        | [SOP8-150]               | (3094) (*1)  |
| Macronix | MX25V1035F        | [SOP8-150] (Quad I/O)    | (3094) (*1)  |
| Macronix | MX25V1035F        | [USON8 2x3]              | (3934) (*1)  |
| Macronix | MX25V1035F        | [USON8 2x3] (Quad I/O)   | (3934) (*1)  |
| Macronix | MX25V1635F        | (ISP)                    | (138)        |
| Macronix | MX25V1635F        | [SOP8-150]               | (3094) (*1)  |
| Macronix | MX25V1635F        | [SOP8-150] (Quad I/O)    | (3094) (*1)  |
| Macronix | MX25V1635F        | [SOP8-200]               | (3087) (*1)  |
| Macronix | MX25V1635F        | [SOP8-200] (Quad I/O)    | (3087) (*1)  |
| Macronix | MX25V1635F        | [USON8 2x3]              | (3934) (*1)  |
| Macronix | MX25V1635F        | [USON8 2x3] (Quad I/O)   | (3934) (*1)  |
| Macronix | MX25V1635F        | [USON8 4x3]              | (2430)       |
| Macronix | MX25V1635F        | [USON8 4x3] (Quad I/O)   | (2430)       |
| Macronix | MX25V1635F        | [WSON8]                  | (4117) (*1)  |
| Macronix | MX25V1635F        | [WSON8] (Quad I/O)       | (4117) (*1)  |
| Macronix | MX25V1635FXC      | [TFBGA24 6x8]            | (1268) (*1)  |
| Macronix | MX25V1635FXC      | [TFBGA24 6x8] (Quad I/O) | (1268) (*1)  |
| Macronix | MX25V2006E        | (ISP)                    | (138)        |
| Macronix | MX25V2006E        | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25V2006E        | [SOP8-150] (Dual o)      | (3095) (*1)  |
| Macronix | MX25V2006E        | [USON8]                  | (3934) (*1)  |
| Macronix | MX25V2006E        | [VSOP8-150]              | (3095) (*1)  |
| Macronix | MX25V2006E        | [VSOP8-150] (Dual o))    | (3095) (*1)  |
| Macronix | MX25V2006E        | [WSON8]                  | (3097) (*1)  |
| Macronix | MX25V2006E        | [WSON8] (Dual o)         | (3097) (*1)  |
| Macronix | MX25V2033F        | [SOP8-150]               | (3094) (*1)  |
| Macronix | MX25V2033F        | [SOP8-150] (Quad I/O)    | (3094) (*1)  |
| Macronix | MX25V2035F        | (ISP)                    | (138)        |
| Macronix | MX25V2035F        | [SOP8-150]               | (3094) (*1)  |
| Macronix | MX25V2035F        | [SOP8-150] (Quad I/O)    | (3094) (*1)  |
| Macronix | MX25V2035F        | [WSON8]                  | (4117) (*1)  |
| Macronix | MX25V2035F        | [WSON8] (Quad I/O)       | (4117) (*1)  |
| Macronix | MX25V3233F        | [WSON8 6x5]              | (4117) (*1)  |
| Macronix | MX25V3233F        | [WSON8 6x5] (Quad I/O)   | (4117) (*1)  |
| Macronix | MX25V4005         | (ISP)                    | (138)        |
| Macronix | MX25V4005         | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25V4005         | [WSON8]                  | (3097) (*1)  |
| Macronix | MX25V4005C        | (ISP)                    | (138)        |
| Macronix | MX25V4005C        | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25V4005C        | [WSON8]                  | (3097) (*1)  |
| Macronix | MX25V4006E        | (ISP)                    | (138)        |
| Macronix | MX25V4006E        | [SOP8-150]               | (3095) (*1)  |
| Macronix | MX25V4006E        | [SOP8-150] (Dual o)      | (3095) (*1)  |
| Macronix | MX25V4006E        | [USON8]                  | (3934) (*1)  |

|          |               |                          |        |      |
|----------|---------------|--------------------------|--------|------|
| Macronix | MX25V4006E    | [VSOP8-150]              | (3095) | (*1) |
| Macronix | MX25V4006E    | [VSOP8-150] (Dual o)     | (3095) | (*1) |
| Macronix | MX25V4006E    | [WSON8]                  | (3097) | (*1) |
| Macronix | MX25V4006E    | [WSON8] (Dual o)         | (3097) | (*1) |
| Macronix | MX25V4035     | [SOP8-150]               | (3095) | (*1) |
| Macronix | MX25V4035     | [SOP8-150] (Dual I/O)    | (3095) | (*1) |
| Macronix | MX25V4035     | [SOP8-150] (Quad I/O)    | (3095) | (*1) |
| Macronix | MX25V4035     | [WSON8]                  | (3097) | (*1) |
| Macronix | MX25V4035     | [WSON8] (Dual I/O)       | (3097) | (*1) |
| Macronix | MX25V4035     | [WSON8] (Quad I/O)       | (3097) | (*1) |
| Macronix | MX25V4035F    | (ISP)                    | (138)  |      |
| Macronix | MX25V4035F    | [SOP8-150]               | (3094) | (*1) |
| Macronix | MX25V4035F    | [SOP8-150] (Quad I/O)    | (3094) | (*1) |
| Macronix | MX25V4035F    | [SOP8-200]               | (3087) | (*1) |
| Macronix | MX25V4035F    | [SOP8-200] (Quad I/O)    | (3087) | (*1) |
| Macronix | MX25V4035F    | [USON8 2x3]              | (3934) | (*1) |
| Macronix | MX25V4035F    | [USON8 2x3] (Quad I/O)   | (3934) | (*1) |
| Macronix | MX25V4035F    | [WSON8]                  | (4117) | (*1) |
| Macronix | MX25V4035F    | [WSON8] (Quad I/O)       | (4117) | (*1) |
| Macronix | MX25V512      | (ISP)                    | (138)  |      |
| Macronix | MX25V512      | [USON8]                  | (3934) | (*1) |
| Macronix | MX25V512C     | (ISP)                    | (138)  |      |
| Macronix | MX25V512C     | [TSSOP8]                 | (1388) |      |
| Macronix | MX25V512C     | [USON8]                  | (3934) | (*1) |
| Macronix | MX25V512E     | [SOP8-150]               | (3095) | (*1) |
| Macronix | MX25V512E     | [SOP8-150] (Dual o)      | (3095) | (*1) |
| Macronix | MX25V512E     | [TSSOP8]                 | (1388) |      |
| Macronix | MX25V512E     | [TSSOP8] (Dual o)        | (1388) |      |
| Macronix | MX25V512E     | [USON8]                  | (3934) | (*1) |
| Macronix | MX25V512E     | [USON8] (Dual o)         | (3934) | (*1) |
| Macronix | MX25V512F     | (ISP)                    | (138)  |      |
| Macronix | MX25V512F     | [SOP8-150]               | (3094) | (*1) |
| Macronix | MX25V512F     | [SOP8-150] (Quad I/O)    | (3094) | (*1) |
| Macronix | MX25V512F     | [USON8 2x3]              | (3934) | (*1) |
| Macronix | MX25V512F     | [USON8 2x3] (Quad I/O)   | (3934) | (*1) |
| Macronix | MX25V6433F    | (ISP)                    | (138)  |      |
| Macronix | MX25V6433F    | [SOP16]                  | (3101) | (*1) |
| Macronix | MX25V6433F    | [SOP16] (Quad I/O)       | (3101) | (*1) |
| Macronix | MX25V6433F    | [SOP8-200]               | (3088) | (*1) |
| Macronix | MX25V6433F    | [SOP8-200] (Quad I/O)    | (3088) | (*1) |
| Macronix | MX25V6433F    | [WSON8 6x5]              | (3097) | (*1) |
| Macronix | MX25V6433F    | [WSON8 6x5] (Quad I/O)   | (3097) | (*1) |
| Macronix | MX25V6433FXC  | [TFBGA24 6x8]            | (1268) | (*1) |
| Macronix | MX25V6433FXC  | [TFBGA24 6x8] (Quad I/O) | (1268) | (*1) |
| Macronix | MX25V8005     | (ISP)                    | (138)  |      |
| Macronix | MX25V8005     | [SOP8-150]               | (3095) | (*1) |
| Macronix | MX25V8005     | [WSON8]                  | (3097) | (*1) |
| Macronix | MX25V8006E    | (ISP)                    | (138)  |      |
| Macronix | MX25V8006E    | [SOP8-150]               | (3095) | (*1) |
| Macronix | MX25V8006E    | [SOP8-150] (Dual o)      | (3095) | (*1) |
| Macronix | MX25V8006E    | [WSON8]                  | (3097) | (*1) |
| Macronix | MX25V8006E    | [WSON8] (Dual o)         | (3097) | (*1) |
| Macronix | MX25V8033F    | [SOP8-150]               | (3094) | (*1) |
| Macronix | MX25V8033F    | [SOP8-150] (Quad I/O)    | (3094) | (*1) |
| Macronix | MX25V8033F    | [USON8 2x3]              | (3934) | (*1) |
| Macronix | MX25V8033F    | [USON8 2x3] (Quad I/O)   | (3934) | (*1) |
| Macronix | MX25V8035     | [SOP8-150]               | (3095) | (*1) |
| Macronix | MX25V8035     | [SOP8-150] (Dual I/O)    | (3095) | (*1) |
| Macronix | MX25V8035     | [WSON8]                  | (3097) | (*1) |
| Macronix | MX25V8035     | [WSON8] (Dual I/O)       | (3097) | (*1) |
| Macronix | MX25V8035F    | (ISP)                    | (138)  |      |
| Macronix | MX25V8035F    | [SOP8-150]               | (3094) | (*1) |
| Macronix | MX25V8035F    | [SOP8-150] (Quad I/O)    | (3094) | (*1) |
| Macronix | MX25V8035F    | [SOP8-200]               | (3087) | (*1) |
| Macronix | MX25V8035F    | [SOP8-200] (Quad I/O)    | (3087) | (*1) |
| Macronix | MX25V8035F    | [USON8 2x3]              | (3934) | (*1) |
| Macronix | MX25V8035F    | [USON8 2x3] (Quad I/O)   | (3934) | (*1) |
| Macronix | MX25V8035F    | [WSON8]                  | (4117) | (*1) |
| Macronix | MX25V8035F    | [WSON8] (Quad I/O)       | (4117) | (*1) |
| Macronix | MX26C1000     |                          |        |      |
| Macronix | MX26C1000     | [PLCC32]                 | (59)   |      |
| Macronix | MX26C1000     | [SOP32]                  | (98)   |      |
| Macronix | MX26C1000A    |                          |        |      |
| Macronix | MX26C1000A    | [PLCC32]                 | (59)   |      |
| Macronix | MX26C1000A    | [SOP32]                  | (98)   |      |
| Macronix | MX26C1000B    |                          |        |      |
| Macronix | MX26C1000B    | [PLCC32]                 | (59)   |      |
| Macronix | MX26C1024     |                          |        |      |
| Macronix | MX26C1024     | [PLCC44]                 | (67)   |      |
| Macronix | MX26C1024     | [TSOP40]                 | (56)   |      |
| Macronix | MX26C2000B    |                          |        |      |
| Macronix | MX26C2000B    | [PLCC32]                 | (59)   |      |
| Macronix | MX26C512A     |                          |        |      |
| Macronix | MX26C512A     | [PLCC32]                 | (59)   |      |
| Macronix | MX26C512A     | [SOP28]                  | (53)   |      |
| Macronix | MX26F128J3TC  | [TSOP56]                 | (1400) |      |
| Macronix | MX26F128J3XCC | [CSP64]                  | (943)  |      |
| Macronix | MX26F640J3TC  | [TSOP56]                 | (1400) |      |
| Macronix | MX26F640J3XCC | [CSP64]                  | (943)  |      |
| Macronix | MX26L12811MC  | [PSOP44]                 | (1358) |      |
| Macronix | MX26L6419     | [TSOP48]                 | (1346) |      |
| Macronix | MX26L6420     | [PSOP44]                 | (1356) |      |
| Macronix | MX26L6420     | [TSOP48]                 | (1346) |      |
| Macronix | MX26LV004B    | [PLCC32]                 | (1384) |      |
| Macronix | MX26LV004B    | [TSOP40]                 | (1368) |      |
| Macronix | MX26LV004T    | [PLCC32]                 | (1384) |      |
| Macronix | MX26LV004T    | [TSOP40]                 | (1368) |      |
| Macronix | MX26LV008B    | [TSOP40]                 | (1368) |      |
| Macronix | MX26LV008T    | [TSOP40]                 | (1368) |      |
| Macronix | MX26LV040     | [PLCC32]                 | (1384) |      |
| Macronix | MX26LV040     | [TSOP32]                 | (1381) |      |
| Macronix | MX26LV160AB   | [TSOP48]                 | (1346) |      |
| Macronix | MX26LV160ABXB | [CSP48]                  | (859)  |      |
| Macronix | MX26LV160ABXE | [CSP48]                  | (859)  |      |
| Macronix | MX26LV160AT   | [TSOP48]                 | (1346) |      |
| Macronix | MX26LV160ATXB | [CSP48]                  | (859)  |      |
| Macronix | MX26LV160ATXE | [CSP48]                  | (859)  |      |
| Macronix | MX26LV160B    | [TSOP48]                 | (1346) |      |
| Macronix | MX26LV160BXB  | [CSP48]                  | (859)  |      |
| Macronix | MX26LV160BXE  | [CSP48]                  | (859)  |      |
| Macronix | MX26LV160T    | [TSOP48]                 | (1346) |      |
| Macronix | MX26LV160TXB  | [CSP48]                  | (859)  |      |
| Macronix | MX26LV160TXE  | [CSP48]                  | (859)  |      |
| Macronix | MX26LV400B    | [TSOP48]                 | (1346) |      |
| Macronix | MX26LV400BXB  | [CSP48]                  | (859)  |      |
| Macronix | MX26LV400BXE  | [CSP48]                  | (859)  |      |
| Macronix | MX26LV400T    | [TSOP48]                 | (1346) |      |
| Macronix | MX26LV400TXB  | [CSP48]                  | (859)  |      |
| Macronix | MX26LV400TXE  | [CSP48]                  | (859)  |      |
| Macronix | MX26LV800AB   | [TSOP48]                 | (1346) |      |
| Macronix | MX26LV800ABXB | [CSP48]                  | (859)  |      |
| Macronix | MX26LV800ABXE | [CSP48]                  | (859)  |      |
| Macronix | MX26LV800AT   | [TSOP48]                 | (1346) |      |
| Macronix | MX26LV800ATXB | [CSP48]                  | (859)  |      |
| Macronix | MX26LV800ATXE | [CSP48]                  | (859)  |      |
| Macronix | MX26LV800B    | [TSOP48]                 | (1346) |      |
| Macronix | MX26LV800BXB  | [CSP48]                  | (859)  |      |
| Macronix | MX26LV800BXE  | [CSP48]                  | (859)  |      |



|          |              |            |        |
|----------|--------------|------------|--------|
| Macronix | MX26LV800T   | [TSOP48]   | (1346) |
| Macronix | MX26LV800TXB | [CSP48]    | (859)  |
| Macronix | MX26LV800TXE | [CSP48]    | (859)  |
| Macronix | MX27C1000    |            |        |
| Macronix | MX27C1000    | [PLCC32]   | (59)   |
| Macronix | MX27C1000    | [SOIC32]   | (98)   |
| Macronix | MX27C1000    | [TSOP32]   | (655)  |
| Macronix | MX27C1000A   |            |        |
| Macronix | MX27C1000A   | [PLCC32]   | (59)   |
| Macronix | MX27C1000A   | [SOIC32]   | (98)   |
| Macronix | MX27C1000A   | [TSOP32]   | (655)  |
| Macronix | MX27C1001    |            |        |
| Macronix | MX27C1001    | [SOIC32]   | (98)   |
| Macronix | MX27C1024    |            |        |
| Macronix | MX27C1024    | [PLCC44]   | (67)   |
| Macronix | MX27C1024    | [SOP40]    | (98)   |
| Macronix | MX27C1024    | [TSOP40]   | (56)   |
| Macronix | MX27C1100    |            |        |
| Macronix | MX27C1100    | [SOP40]    | (98)   |
| Macronix | MX27C2000    |            |        |
| Macronix | MX27C2000    | [PLCC32]   | (59)   |
| Macronix | MX27C2000    | [SOIC32]   | (98)   |
| Macronix | MX27C2000    | [TSOP32]   | (655)  |
| Macronix | MX27C2000A   |            |        |
| Macronix | MX27C2000A   | [PLCC32]   | (59)   |
| Macronix | MX27C2000A   | [SOIC32]   | (98)   |
| Macronix | MX27C2000A   | [TSOP32]   | (655)  |
| Macronix | MX27C2048    |            |        |
| Macronix | MX27C2048    | [PLCC44]   | (67)   |
| Macronix | MX27C2048    | [TSOP40]   | (56)   |
| Macronix | MX27C2100    |            |        |
| Macronix | MX27C256     |            |        |
| Macronix | MX27C256     | [PLCC32]   | (59)   |
| Macronix | MX27C256     | [TSOP28]   | (54)   |
| Macronix | MX27C4000    |            |        |
| Macronix | MX27C4000    | [PLCC32]   | (59)   |
| Macronix | MX27C4000    | [SOIC32]   | (98)   |
| Macronix | MX27C4000    | [TSOP32]   | (655)  |
| Macronix | MX27C4000A   |            |        |
| Macronix | MX27C4000A   | [PLCC32]   | (59)   |
| Macronix | MX27C4000A   | [SOIC32]   | (98)   |
| Macronix | MX27C4000A   | [TSOP32]   | (655)  |
| Macronix | MX27C4096    |            |        |
| Macronix | MX27C4096    | [PLCC44]   | (67)   |
| Macronix | MX27C4100    |            |        |
| Macronix | MX27C4100    | [SOP40]    | (98)   |
| Macronix | MX27C4111    |            |        |
| Macronix | MX27C4111    | [SOP40]    | (98)   |
| Macronix | MX27C512     |            |        |
| Macronix | MX27C512     | [PLCC32]   | (59)   |
| Macronix | MX27C512     | [TSOP28]   | (54)   |
| Macronix | MX27C64      |            |        |
| Macronix | MX27C8000    |            |        |
| Macronix | MX27C8000    | [PLCC32]   | (59)   |
| Macronix | MX27C8000    | [SOIC32]   | (98)   |
| Macronix | MX27C8000    | [TSOP32]   | (655)  |
| Macronix | MX27C8000A   |            |        |
| Macronix | MX27C8000A   | [PLCC32]   | (59)   |
| Macronix | MX27C8000A   | [SOIC32]   | (98)   |
| Macronix | MX27C8000A   | [TSOP32]   | (655)  |
| Macronix | MX27C8100    |            |        |
| Macronix | MX27C8100    | [PSOP44]   | (65)   |
| Macronix | MX27C8111    |            |        |
| Macronix | MX27C8111    | [PSOP44]   | (65)   |
| Macronix | MX27L1000    |            |        |
| Macronix | MX27L1000    | [PLCC32]   | (59)   |
| Macronix | MX27L1000    | [SOIC32]   | (98)   |
| Macronix | MX27L1000    | [TSOP32]   | (655)  |
| Macronix | MX27L1024    |            |        |
| Macronix | MX27L1024    | [PLCC44]   | (67)   |
| Macronix | MX27L1024    | [SOP40]    | (98)   |
| Macronix | MX27L1024    | [TSOP40]   | (56)   |
| Macronix | MX27L2000    |            |        |
| Macronix | MX27L2000    | [PLCC32]   | (59)   |
| Macronix | MX27L2000    | [SOIC32]   | (98)   |
| Macronix | MX27L2000    | [TSOP32]   | (655)  |
| Macronix | MX27L2048    |            |        |
| Macronix | MX27L2048    | [PLCC44]   | (67)   |
| Macronix | MX27L2048    | [TSOP40]   | (56)   |
| Macronix | MX27L256     |            |        |
| Macronix | MX27L256     | [PLCC32]   | (59)   |
| Macronix | MX27L256     | [TSOP28]   | (54)   |
| Macronix | MX27L4000    |            |        |
| Macronix | MX27L4000    | [PLCC32]   | (59)   |
| Macronix | MX27L4000    | [SOIC32]   | (98)   |
| Macronix | MX27L4000    | [TSOP32]   | (655)  |
| Macronix | MX27L4096    |            |        |
| Macronix | MX27L4096    | [PLCC44]   | (67)   |
| Macronix | MX27L4096    | [TSOP40]   | (56)   |
| Macronix | MX27L4100    |            |        |
| Macronix | MX27L4100    | [SOP40]    | (98)   |
| Macronix | MX27L512     |            |        |
| Macronix | MX27L512     | [PLCC32]   | (59)   |
| Macronix | MX27L512     | [TSOP28]   | (54)   |
| Macronix | MX27L8000    |            |        |
| Macronix | MX28F002B    | [TSOP40]   | (1368) |
| Macronix | MX28F002T    | [TSOP40]   | (1368) |
| Macronix | MX28F1000    |            |        |
| Macronix | MX28F1000    | [PLCC32]   | (1399) |
| Macronix | MX28F1000    | [SOP32]    | (98)   |
| Macronix | MX28F1000    | [TSOP32]   | (1414) |
| Macronix | MX28F1000P   |            |        |
| Macronix | MX28F1000P   | [PLCC32]   | (1399) |
| Macronix | MX28F1000P   | [TSOP32]   | (1414) |
| Macronix | MX28F160C3B  | [CSP48]    | (2849) |
| Macronix | MX28F160C3B  | [TSOP48]   | (1346) |
| Macronix | MX28F160C3T  | [CSP48]    | (2849) |
| Macronix | MX28F160C3T  | [TSOP48]   | (1346) |
| Macronix | MX28F2000P   |            |        |
| Macronix | MX28F2000P   | [PLCC32]   | (1399) |
| Macronix | MX28F2000P   | [R-TSOP32] | (1415) |
| Macronix | MX28F2000P   | [TSOP32]   | (1414) |
| Macronix | MX28F2000T   |            |        |
| Macronix | MX28F2000T   | [PLCC32]   | (1399) |
| Macronix | MX28F2100B   | [PSOP44]   | (1356) |
| Macronix | MX28F2100B   | [TSOP48]   | (1346) |
| Macronix | MX28F2100T   | [PSOP44]   | (1356) |
| Macronix | MX28F2100T   | [TSOP48]   | (1346) |
| Macronix | MX28F640C3B  | [CSP48]    | (2850) |
| Macronix | MX28F640C3B  | [TSOP48]   | (1346) |
| Macronix | MX28F640C3BB | [TSOP48]   | (1346) |
| Macronix | MX28F640C3BT | [TSOP48]   | (1346) |
| Macronix | MX28F640C3T  | [CSP48]    | (2850) |
| Macronix | MX28F640C3T  | [TSOP48]   | (1346) |
| Macronix | MX29BL128DB  | [TSOP56]   | (3080) |
| Macronix | MX29BL128DT  | [TSOP56]   | (3080) |
| Macronix | MX29F001B    |            |        |
| Macronix | MX29F001B    | [PLCC32]   | (1399) |

|          |              |            |        |
|----------|--------------|------------|--------|
| Macronix | MX29F001B    | [TSOP32]   | (1414) |
| Macronix | MX29F001T    |            |        |
| Macronix | MX29F001T    | [PLCC32]   | (1399) |
| Macronix | MX29F001T    | [TSOP32]   | (1414) |
| Macronix | MX29F002B    |            |        |
| Macronix | MX29F002B    | [PLCC32]   | (1399) |
| Macronix | MX29F002B    | [TSOP32]   | (1414) |
| Macronix | MX29F002NB   |            |        |
| Macronix | MX29F002NB   | [PLCC32]   | (1399) |
| Macronix | MX29F002NB   | [TSOP32]   | (1414) |
| Macronix | MX29F002NT   |            |        |
| Macronix | MX29F002NT   | [PLCC32]   | (1399) |
| Macronix | MX29F002NT   | [TSOP32]   | (1414) |
| Macronix | MX29F002T    |            |        |
| Macronix | MX29F002T    | [PLCC32]   | (1399) |
| Macronix | MX29F002T    | [TSOP32]   | (1414) |
| Macronix | MX29F004B    |            |        |
| Macronix | MX29F004B    | [PLCC32]   | (1384) |
| Macronix | MX29F004B    | [TSOP32]   | (1381) |
| Macronix | MX29F004T    |            |        |
| Macronix | MX29F004T    | [PLCC32]   | (1384) |
| Macronix | MX29F004T    | [TSOP32]   | (1381) |
| Macronix | MX29F016     | [PSOP44]   | (1357) |
| Macronix | MX29F016     | [TSOP40]   | (1369) |
| Macronix | MX29F016     | [TSOP48]   | (1350) |
| Macronix | MX29F022B    |            |        |
| Macronix | MX29F022B    | [PLCC32]   | (1399) |
| Macronix | MX29F022B    | [TSOP32]   | (1414) |
| Macronix | MX29F022NB   |            |        |
| Macronix | MX29F022NB   | [PLCC32]   | (1399) |
| Macronix | MX29F022NB   | [TSOP32]   | (1414) |
| Macronix | MX29F022NT   |            |        |
| Macronix | MX29F022NT   | [PLCC32]   | (1399) |
| Macronix | MX29F022NT   | [TSOP32]   | (1414) |
| Macronix | MX29F022T    |            |        |
| Macronix | MX29F022T    | [PLCC32]   | (1399) |
| Macronix | MX29F022T    | [TSOP32]   | (1414) |
| Macronix | MX29F040     |            |        |
| Macronix | MX29F040     | [PLCC32]   | (1384) |
| Macronix | MX29F040     | [TSOP32]   | (1381) |
| Macronix | MX29F040C    |            |        |
| Macronix | MX29F040C    | [PLCC32]   | (1384) |
| Macronix | MX29F040C    | [TSOP32]   | (1381) |
| Macronix | MX29F080     | [PSOP44]   | (1357) |
| Macronix | MX29F080     | [TSOP40]   | (1369) |
| Macronix | MX29F100B    | [PSOP44]   | (1356) |
| Macronix | MX29F100B    | [TSOP48]   | (1346) |
| Macronix | MX29F100T    | [PSOP44]   | (1356) |
| Macronix | MX29F100T    | [TSOP48]   | (1346) |
| Macronix | MX29F1610    | [PSOP44]   | (1356) |
| Macronix | MX29F1610    | [R-TSOP48] | (1352) |
| Macronix | MX29F1610    | [TSOP48]   | (1346) |
| Macronix | MX29F1610A   | [PSOP44]   | (1356) |
| Macronix | MX29F1610A   | [R-TSOP48] | (1352) |
| Macronix | MX29F1610A   | [TSOP48]   | (1346) |
| Macronix | MX29F161S    |            |        |
| Macronix | MX29F200B    | [PSOP44]   | (1356) |
| Macronix | MX29F200B    | [R-TSOP48] | (1352) |
| Macronix | MX29F200B    | [TSOP48]   | (1346) |
| Macronix | MX29F200CB   | [PSOP44]   | (1356) |
| Macronix | MX29F200CB   | [R-TSOP48] | (1352) |
| Macronix | MX29F200CB   | [TSOP48]   | (1346) |
| Macronix | MX29F200CT   | [PSOP44]   | (1356) |
| Macronix | MX29F200CT   | [R-TSOP48] | (1352) |
| Macronix | MX29F200CT   | [TSOP48]   | (1346) |
| Macronix | MX29F200T    | [PSOP44]   | (1356) |
| Macronix | MX29F200T    | [R-TSOP48] | (1352) |
| Macronix | MX29F200T    | [TSOP48]   | (1346) |
| Macronix | MX29F4000    |            |        |
| Macronix | MX29F400B    | [PSOP44]   | (1356) |
| Macronix | MX29F400B    | [TSOP48]   | (1346) |
| Macronix | MX29F400CB   | [PSOP44]   | (1356) |
| Macronix | MX29F400CB   | [TSOP48]   | (1346) |
| Macronix | MX29F400CT   | [PSOP44]   | (1356) |
| Macronix | MX29F400CT   | [TSOP48]   | (1346) |
| Macronix | MX29F400T    | [PSOP44]   | (1356) |
| Macronix | MX29F400T    | [TSOP48]   | (1346) |
| Macronix | MX29F800B    | [PSOP44]   | (1356) |
| Macronix | MX29F800B    | [TSOP48]   | (1346) |
| Macronix | MX29F800CB   | [PSOP44]   | (1356) |
| Macronix | MX29F800CB   | [TSOP48]   | (1346) |
| Macronix | MX29F800CBXE | [LFBGA48]  | (859)  |
| Macronix | MX29F800CT   | [PSOP44]   | (1356) |
| Macronix | MX29F800CT   | [TSOP48]   | (1346) |
| Macronix | MX29F800CTXE | [LFBGA48]  | (859)  |
| Macronix | MX29F800T    | [PSOP44]   | (1356) |
| Macronix | MX29F800T    | [TSOP48]   | (1346) |
| Macronix | MX29GA120EH  | [LFBGA64]  | (938)  |
| Macronix | MX29GA120EL  | [LFBGA64]  | (938)  |
| Macronix | MX29GA128EH  | [FBGA64]   | (1233) |
| Macronix | MX29GA128EH  | [LFBGA64]  | (938)  |
| Macronix | MX29GA128EL  | [FBGA64]   | (1233) |
| Macronix | MX29GA128EL  | [LFBGA64]  | (938)  |
| Macronix | MX29GA128FH  | [FBGA64]   | (1233) |
| Macronix | MX29GA128FH  | [LFBGA64]  | (938)  |
| Macronix | MX29GA128FL  | [FBGA64]   | (1233) |
| Macronix | MX29GA128FL  | [LFBGA64]  | (938)  |
| Macronix | MX29GA129EC  | [FBGA64]   | (1255) |
| Macronix | MX29GA129EF  | [FBGA64]   | (1255) |
| Macronix | MX29GA129EH  | [FBGA64]   | (1255) |
| Macronix | MX29GA129EL  | [FBGA64]   | (1255) |
| Macronix | MX29GA250EH  | [LFBGA64]  | (938)  |
| Macronix | MX29GA250EL  | [LFBGA64]  | (938)  |
| Macronix | MX29GA256EH  | [FBGA64]   | (1233) |
| Macronix | MX29GA256EH  | [LFBGA64]  | (938)  |
| Macronix | MX29GA256EL  | [FBGA64]   | (1233) |
| Macronix | MX29GA256EL  | [LFBGA64]  | (938)  |
| Macronix | MX29GA256FH  | [LFBGA64]  | (938)  |
| Macronix | MX29GA256FL  | [LFBGA64]  | (938)  |
| Macronix | MX29GA257EC  | [FBGA64]   | (1255) |
| Macronix | MX29GA257EF  | [FBGA64]   | (1255) |
| Macronix | MX29GA257EH  | [FBGA64]   | (1255) |
| Macronix | MX29GA257EL  | [FBGA64]   | (1255) |
| Macronix | MX29GA257FH  | [FBGA64]   | (1255) |
| Macronix | MX29GA257FL  | [FBGA64]   | (1255) |
| Macronix | MX29GA320EH  | [LFBGA64]  | (938)  |
| Macronix | MX29GA320EL  | [LFBGA64]  | (938)  |
| Macronix | MX29GA321EC  | [FBGA64]   | (1255) |
| Macronix | MX29GA321EF  | [FBGA64]   | (1255) |
| Macronix | MX29GA321EH  | [FBGA64]   | (1255) |
| Macronix | MX29GA321EL  | [FBGA64]   | (1255) |
| Macronix | MX29GA510FH  | [FBGA64]   | (938)  |
| Macronix | MX29GA510FL  | [FBGA64]   | (938)  |
| Macronix | MX29GA512FH  | [FBGA64]   | (938)  |
| Macronix | MX29GA512FL  | [FBGA64]   | (938)  |
| Macronix | MX29GA640EH  | [LFBGA64]  | (938)  |
| Macronix | MX29GA640EL  | [LFBGA64]  | (938)  |
| Macronix | MX29GA641EC  | [FBGA64]   | (1255) |

|          |                         |        |
|----------|-------------------------|--------|
| Macronix | MX29GA641EF [FBGA64]    | (1255) |
| Macronix | MX29GA641EH [FBGA64]    | (589)  |
| Macronix | MX29GA641EL [FBGA64]    | (589)  |
| Macronix | MX29GL128ED [TSOP56]    | (3080) |
| Macronix | MX29GL128EDXC [FBGA64]  | (775)  |
| Macronix | MX29GL128EDXF [LFBGA64] | (1319) |
| Macronix | MX29GL128EH [TSOP56]    | (3080) |
| Macronix | MX29GL128EHXC [FBGA64]  | (775)  |
| Macronix | MX29GL128EHXF [FBGA64]  | (1319) |
| Macronix | MX29GL128EL [TSOP56]    | (3080) |
| Macronix | MX29GL128ELXC [FBGA64]  | (775)  |
| Macronix | MX29GL128ELXF [FBGA64]  | (1319) |
| Macronix | MX29GL128EU [TSOP56]    | (3080) |
| Macronix | MX29GL128EUXC [FBGA64]  | (775)  |
| Macronix | MX29GL128EUXF [LFBGA64] | (1319) |
| Macronix | MX29GL128FD [TSOP56]    | (3080) |
| Macronix | MX29GL128FDXF [LFBGA64] | (1319) |
| Macronix | MX29GL128FDXG [FBGA56]  | (2772) |
| Macronix | MX29GL128FH [TSOP56]    | (3080) |
| Macronix | MX29GL128FHXF [LFBGA64] | (1319) |
| Macronix | MX29GL128FHXG [FBGA56]  | (2772) |
| Macronix | MX29GL128FL [TSOP56]    | (3080) |
| Macronix | MX29GL128FLXF [LFBGA64] | (1319) |
| Macronix | MX29GL128FLXG [FBGA56]  | (2772) |
| Macronix | MX29GL128FU [TSOP56]    | (3080) |
| Macronix | MX29GL128FUXF [LFBGA64] | (1319) |
| Macronix | MX29GL128FUXG [FBGA56]  | (2772) |
| Macronix | MX29GL128GD [TSOP56]    | (3080) |
| Macronix | MX29GL128GDXF [LFBGA64] | (1319) |
| Macronix | MX29GL128GH [TSOP56]    | (3080) |
| Macronix | MX29GL128GHXF [LFBGA64] | (1319) |
| Macronix | MX29GL128GL [TSOP56]    | (3080) |
| Macronix | MX29GL128GLXF [LFBGA64] | (1319) |
| Macronix | MX29GL128GU [TSOP56]    | (3080) |
| Macronix | MX29GL128GUXF [LFBGA64] | (1319) |
| Macronix | MX29GL256ED [TSOP56]    | (3080) |
| Macronix | MX29GL256EDXC [FBGA64]  | (775)  |
| Macronix | MX29GL256EDXF [LFBGA64] | (1319) |
| Macronix | MX29GL256EH [TSOP56]    | (3080) |
| Macronix | MX29GL256EHXC [FBGA64]  | (775)  |
| Macronix | MX29GL256EHXF [FBGA64]  | (1319) |
| Macronix | MX29GL256EL [TSOP56]    | (3080) |
| Macronix | MX29GL256ELXC [FBGA64]  | (775)  |
| Macronix | MX29GL256ELXF [FBGA64]  | (1319) |
| Macronix | MX29GL256EU [TSOP56]    | (3080) |
| Macronix | MX29GL256EUXC [FBGA64]  | (775)  |
| Macronix | MX29GL256EUXF [LFBGA64] | (1319) |
| Macronix | MX29GL256FD [TSOP56]    | (3080) |
| Macronix | MX29GL256FDXF [LFBGA64] | (1319) |
| Macronix | MX29GL256FDXG [FBGA56]  | (2772) |
| Macronix | MX29GL256FH [TSOP56]    | (3080) |
| Macronix | MX29GL256FHXF [LFBGA64] | (1319) |
| Macronix | MX29GL256FHXG [FBGA56]  | (2772) |
| Macronix | MX29GL256FL [TSOP56]    | (3080) |
| Macronix | MX29GL256FLXF [LFBGA64] | (1319) |
| Macronix | MX29GL256FLXG [FBGA56]  | (2772) |
| Macronix | MX29GL256FU [TSOP56]    | (3080) |
| Macronix | MX29GL256FUXF [LFBGA64] | (1319) |
| Macronix | MX29GL256FUXG [FBGA56]  | (2772) |
| Macronix | MX29GL320EB [TSOP48]    | (1346) |
| Macronix | MX29GL320EBXE [LFBGA48] | (859)  |
| Macronix | MX29GL320EH [TSOP56]    | (3080) |
| Macronix | MX29GL320EHXF [FBGA64]  | (1319) |
| Macronix | MX29GL320EL [TSOP56]    | (3080) |
| Macronix | MX29GL320ELXF [FBGA64]  | (1319) |
| Macronix | MX29GL320ET [TSOP48]    | (1346) |
| Macronix | MX29GL320ETXE [LFBGA48] | (859)  |
| Macronix | MX29GL512EH [TSOP56]    | (3080) |
| Macronix | MX29GL512EHXF [LFBGA64] | (938)  |
| Macronix | MX29GL512EL [TSOP56]    | (3080) |
| Macronix | MX29GL512ELXF [LFBGA64] | (938)  |
| Macronix | MX29GL512FD [TSOP56]    | (3080) |
| Macronix | MX29GL512FDXF [LFBGA64] | (938)  |
| Macronix | MX29GL512FH [TSOP56]    | (3080) |
| Macronix | MX29GL512FHXF [LFBGA64] | (938)  |
| Macronix | MX29GL512FHXG [FBGA56]  | (2851) |
| Macronix | MX29GL512FL [TSOP56]    | (3080) |
| Macronix | MX29GL512FLXF [LFBGA64] | (938)  |
| Macronix | MX29GL512FLXG [FBGA56]  | (2851) |
| Macronix | MX29GL512FU [TSOP56]    | (3080) |
| Macronix | MX29GL512FUXF [LFBGA64] | (938)  |
| Macronix | MX29GL512GD [TSOP56]    | (3080) |
| Macronix | MX29GL512GDXF [LFBGA64] | (938)  |
| Macronix | MX29GL512GH [TSOP56]    | (3080) |
| Macronix | MX29GL512GHXF [LFBGA64] | (938)  |
| Macronix | MX29GL512GL [TSOP56]    | (3080) |
| Macronix | MX29GL512GLXF [LFBGA64] | (938)  |
| Macronix | MX29GL512GU [TSOP56]    | (3080) |
| Macronix | MX29GL512GUXF [LFBGA64] | (938)  |
| Macronix | MX29GL640EB [TSOP48]    | (1346) |
| Macronix | MX29GL640EBXE [LFBGA48] | (859)  |
| Macronix | MX29GL640EH [TSOP56]    | (3080) |
| Macronix | MX29GL640EHXF [FBGA64]  | (1319) |
| Macronix | MX29GL640EL [TSOP56]    | (3080) |
| Macronix | MX29GL640ELXF [FBGA64]  | (1319) |
| Macronix | MX29GL640ET [TSOP48]    | (1346) |
| Macronix | MX29GL640ETXE [LFBGA48] | (859)  |
| Macronix | MX29L1611 [PSOP44]      | (1356) |
| Macronix | MX29L1611 [TSOP48]      | (1348) |
| Macronix | MX29L1611GPC [DIP42]    |        |
| Macronix | MX29L3211 [PSOP44]      | (1356) |
| Macronix | MX29L3211 [TSOP48]      | (1348) |
| Macronix | MX29L8000B [TSOP40]     | (1368) |
| Macronix | MX29L8000T [TSOP40]     | (1368) |
| Macronix | MX29L8100B [TSOP48]     | (1346) |
| Macronix | MX29L8100G [PDIP42]     |        |
| Macronix | MX29L8100T [TSOP48]     | (1346) |
| Macronix | MX29LA128DB [FBGA64]    | (1233) |
| Macronix | MX29LA128DT [FBGA64]    | (1233) |
| Macronix | MX29LA129DB [FBGA64]    | (943)  |
| Macronix | MX29LA129DT [FBGA64]    | (943)  |
| Macronix | MX29LA320DH [CSP64]     | (543)  |
| Macronix | MX29LA320DL [CSP64]     | (543)  |
| Macronix | MX29LA320MB [CSP48]     | (859)  |
| Macronix | MX29LA320MB [TSOP48]    | (1346) |
| Macronix | MX29LA320MT [CSP48]     | (859)  |
| Macronix | MX29LA320MT [TSOP48]    | (1346) |
| Macronix | MX29LA321DH [CSP64]     | (943)  |
| Macronix | MX29LA321DL [CSP64]     | (943)  |
| Macronix | MX29LA321MB [CSP64]     | (943)  |
| Macronix | MX29LA321MB [TSOP56]    | (1402) |
| Macronix | MX29LA321MH [CSP64]     | (943)  |
| Macronix | MX29LA321MH [TSOP56]    | (1402) |
| Macronix | MX29LA321ML [CSP64]     | (943)  |
| Macronix | MX29LA321ML [TSOP56]    | (1402) |
| Macronix | MX29LA321MT [CSP64]     | (943)  |
| Macronix | MX29LA321MT [TSOP56]    | (1402) |
| Macronix | MX29LA640EH [BGA64]     | (543)  |

|          |               |           |        |
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| Macronix | MX29LA640EH   | [TSOP48]  | (1346) |
| Macronix | MX29LA640EL   | [BGA64]   | (543)  |
| Macronix | MX29LA640EL   | [TSOP48]  | (1346) |
| Macronix | MX29LA641DH   | [CSP64]   | (943)  |
| Macronix | MX29LA641DL   | [CSP64]   | (943)  |
| Macronix | MX29LV002CB   | [PLCC32]  | (1399) |
| Macronix | MX29LV002CB   | [TSOP32]  | (1414) |
| Macronix | MX29LV002CT   | [PLCC32]  | (1399) |
| Macronix | MX29LV002CT   | [TSOP32]  | (1414) |
| Macronix | MX29LV002NCB  | [PLCC32]  | (1399) |
| Macronix | MX29LV002NCB  | [TSOP32]  | (1414) |
| Macronix | MX29LV002NCT  | [PLCC32]  | (1399) |
| Macronix | MX29LV002NCT  | [TSOP32]  | (1414) |
| Macronix | MX29LV004B    | [PLCC32]  | (1384) |
| Macronix | MX29LV004B    | [TSOP40]  | (1368) |
| Macronix | MX29LV004CB   | [PLCC32]  | (1384) |
| Macronix | MX29LV004CB   | [TSOP40]  | (1368) |
| Macronix | MX29LV004CT   | [PLCC32]  | (1384) |
| Macronix | MX29LV004CT   | [TSOP40]  | (1368) |
| Macronix | MX29LV004T    | [PLCC32]  | (1384) |
| Macronix | MX29LV004T    | [TSOP40]  | (1368) |
| Macronix | MX29LV008B    | [TSOP40]  | (1368) |
| Macronix | MX29LV008BB   | [TSOP40]  | (1368) |
| Macronix | MX29LV008BT   | [TSOP40]  | (1368) |
| Macronix | MX29LV008CB   | [TSOP40]  | (1368) |
| Macronix | MX29LV008CT   | [TSOP40]  | (1368) |
| Macronix | MX29LV008T    | [TSOP40]  | (1368) |
| Macronix | MX29LV017A    | [TSOP40]  | (1368) |
| Macronix | MX29LV017AXB  | [CSP48]   | (859)  |
| Macronix | MX29LV017AXE  | [CSP48]   | (859)  |
| Macronix | MX29LV017B    | [TSOP40]  | (1368) |
| Macronix | MX29LV017BxB  | [CSP48]   | (859)  |
| Macronix | MX29LV017BXE  | [CSP48]   | (859)  |
| Macronix | MX29LV033     | [TSOP40]  | (1368) |
| Macronix | MX29LV033A    | [TSOP40]  | (1368) |
| Macronix | MX29LV033C    | [TSOP40]  | (1368) |
| Macronix | MX29LV033M    | [TSOP40]  | (1368) |
| Macronix | MX29LV040     | [PLCC32]  | (1384) |
| Macronix | MX29LV040     | [TSOP32]  | (1381) |
| Macronix | MX29LV040C    | [PLCC32]  | (1384) |
| Macronix | MX29LV040C    | [TSOP32]  | (1381) |
| Macronix | MX29LV040CT2  | [TSOP32]  | (1377) |
| Macronix | MX29LV065B    | [TSOP48]  | (1349) |
| Macronix | MX29LV065M    | [TSOP48]  | (1349) |
| Macronix | MX29LV081     | [TSOP40]  | (1368) |
| Macronix | MX29LV081BTC  | [TSOP40]  | (1368) |
| Macronix | MX29LV128DB   | [TSOP48]  | (1346) |
| Macronix | MX29LV128DB   | [TSOP56]  | (3080) |
| Macronix | MX29LV128DT   | [TSOP48]  | (1346) |
| Macronix | MX29LV128DT   | [TSOP56]  | (3080) |
| Macronix | MX29LV128MB   | [TSOP56]  | (3080) |
| Macronix | MX29LV128MH   | [TSOP56]  | (3080) |
| Macronix | MX29LV128ML   | [TSOP56]  | (3080) |
| Macronix | MX29LV128MT   | [TSOP56]  | (3080) |
| Macronix | MX29LV160AB   | [PSOP44]  | (1356) |
| Macronix | MX29LV160AB   | [TSOP48]  | (1346) |
| Macronix | MX29LV160ABXB | [CSP48]   | (859)  |
| Macronix | MX29LV160ABXE | [CSP48]   | (859)  |
| Macronix | MX29LV160AT   | [PSOP44]  | (1356) |
| Macronix | MX29LV160AT   | [TSOP48]  | (1346) |
| Macronix | MX29LV160ATXB | [CSP48]   | (859)  |
| Macronix | MX29LV160ATXE | [CSP48]   | (859)  |
| Macronix | MX29LV160B    | [PSOP44]  | (1356) |
| Macronix | MX29LV160B    | [TSOP48]  | (1346) |
| Macronix | MX29LV160BB   | [PSOP44]  | (1356) |
| Macronix | MX29LV160BB   | [TSOP48]  | (1346) |
| Macronix | MX29LV160BBXB | [CSP48]   | (859)  |
| Macronix | MX29LV160BBXE | [CSP48]   | (859)  |
| Macronix | MX29LV160BT   | [PSOP44]  | (1356) |
| Macronix | MX29LV160BT   | [TSOP48]  | (1346) |
| Macronix | MX29LV160BTXB | [CSP48]   | (859)  |
| Macronix | MX29LV160BTXE | [CSP48]   | (859)  |
| Macronix | MX29LV160CB   | [PSOP44]  | (1356) |
| Macronix | MX29LV160CB   | [TSOP48]  | (1346) |
| Macronix | MX29LV160CBXB | [CSP48]   | (859)  |
| Macronix | MX29LV160CBXE | [CSP48]   | (859)  |
| Macronix | MX29LV160CT   | [PSOP44]  | (1356) |
| Macronix | MX29LV160CT   | [TSOP48]  | (1346) |
| Macronix | MX29LV160CTXB | [CSP48]   | (859)  |
| Macronix | MX29LV160CTXE | [CSP48]   | (859)  |
| Macronix | MX29LV160DB   | [TSOP48]  | (1346) |
| Macronix | MX29LV160DBG  | [XFLGA48] | (847)  |
| Macronix | MX29LV160DBXB | [TFBGA48] | (859)  |
| Macronix | MX29LV160DBXE | [LFBGA48] | (859)  |
| Macronix | MX29LV160DBG  | [TFBGA48] | (859)  |
| Macronix | MX29LV160DBXH | [WFBGA48] | (848)  |
| Macronix | MX29LV160DT   | [TSOP48]  | (1346) |
| Macronix | MX29LV160DTGB | [XFLGA48] | (847)  |
| Macronix | MX29LV160DTXB | [TFBGA48] | (859)  |
| Macronix | MX29LV160DTXE | [LFBGA48] | (859)  |
| Macronix | MX29LV160DTXG | [TFBGA48] | (859)  |
| Macronix | MX29LV160DTXH | [WFBGA48] | (848)  |
| Macronix | MX29LV160T    | [PSOP44]  | (1356) |
| Macronix | MX29LV160T    | [TSOP48]  | (1346) |
| Macronix | MX29LV161B    | [PSOP44]  | (1356) |
| Macronix | MX29LV161B    | [TSOP48]  | (1346) |
| Macronix | MX29LV161DB   | [TFBGA48] | (859)  |
| Macronix | MX29LV161DB   | [TSOP48]  | (1346) |
| Macronix | MX29LV161DB   | [WFBGA48] | (848)  |
| Macronix | MX29LV161DB   | [XFLGA48] | (847)  |
| Macronix | MX29LV161DT   | [TFBGA48] | (859)  |
| Macronix | MX29LV161DT   | [TSOP48]  | (1346) |
| Macronix | MX29LV161DT   | [WFBGA48] | (848)  |
| Macronix | MX29LV161DT   | [XFLGA48] | (847)  |
| Macronix | MX29LV161T    | [PSOP44]  | (1356) |
| Macronix | MX29LV161T    | [TSOP48]  | (1346) |
| Macronix | MX29LV320AB   | [TSOP48]  | (1346) |
| Macronix | MX29LV320ABXB | [CSP48]   | (859)  |
| Macronix | MX29LV320ABXE | [CSP48]   | (859)  |
| Macronix | MX29LV320AT   | [TSOP48]  | (1346) |
| Macronix | MX29LV320ATXB | [CSP48]   | (859)  |
| Macronix | MX29LV320ATXE | [CSP48]   | (859)  |
| Macronix | MX29LV320BT   | [TSOP48]  | (1346) |
| Macronix | MX29LV320BXB  | [CSP48]   | (983)  |
| Macronix | MX29LV320BXE  | [CSP48]   | (983)  |
| Macronix | MX29LV320CB   | [CSP48]   | (859)  |
| Macronix | MX29LV320CB   | [TSOP48]  | (1346) |
| Macronix | MX29LV320CT   | [CSP48]   | (859)  |
| Macronix | MX29LV320CT   | [TSOP48]  | (1346) |
| Macronix | MX29LV320DB   | [PSOP44]  | (1356) |
| Macronix | MX29LV320DB   | [TSOP48]  | (1346) |
| Macronix | MX29LV320DBXB | [CSP48]   | (859)  |
| Macronix | MX29LV320DBXE | [CSP48]   | (859)  |
| Macronix | MX29LV320DT   | [PSOP44]  | (1356) |
| Macronix | MX29LV320DT   | [TSOP48]  | (1346) |
| Macronix | MX29LV320DTXB | [CSP48]   | (859)  |
| Macronix | MX29LV320DTXE | [CSP48]   | (859)  |
| Macronix | MX29LV320EB   | [PSOP44]  | (1356) |

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|----------|-------------------------|--------|
| Macronix | MX29LV320EB [TSOP48]    | (1346) |
| Macronix | MX29LV320EBXB [TFBGA48] | (859)  |
| Macronix | MX29LV320EBXE [LFBGA48] | (859)  |
| Macronix | MX29LV320ET [PSOP44]    | (1356) |
| Macronix | MX29LV320ET [TSOP48]    | (1346) |
| Macronix | MX29LV320ETXB [TFBGA48] | (859)  |
| Macronix | MX29LV320ETXE [LFBGA48] | (859)  |
| Macronix | MX29LV320MB [PSOP44]    | (1356) |
| Macronix | MX29LV320MB [TSOP48]    | (1346) |
| Macronix | MX29LV320MBXB [CSP48]   | (859)  |
| Macronix | MX29LV320MBXE [CSP48]   | (859)  |
| Macronix | MX29LV320MH [TSOP56]    | (3080) |
| Macronix | MX29LV320ML [TSOP56]    | (3080) |
| Macronix | MX29LV320MT [PSOP44]    | (1356) |
| Macronix | MX29LV320MT [TSOP48]    | (1346) |
| Macronix | MX29LV320MTXB [CSP48]   | (859)  |
| Macronix | MX29LV320MTXE [CSP48]   | (859)  |
| Macronix | MX29LV320TT [TSOP48]    | (1346) |
| Macronix | MX29LV320TXB [CSP48]    | (983)  |
| Macronix | MX29LV320TXE [CSP48]    | (983)  |
| Macronix | MX29LV321DB [CSP48]     | (859)  |
| Macronix | MX29LV321DB [TSOP48]    | (1346) |
| Macronix | MX29LV321DT [CSP48]     | (859)  |
| Macronix | MX29LV321DT [TSOP48]    | (1346) |
| Macronix | MX29LV400B [PSOP44]     | (1356) |
| Macronix | MX29LV400B [TSOP48]     | (1346) |
| Macronix | MX29LV400BXB [CSP48]    | (859)  |
| Macronix | MX29LV400BXE [CSP48]    | (859)  |
| Macronix | MX29LV400CB [PSOP44]    | (1356) |
| Macronix | MX29LV400CB [TSOP48]    | (1346) |
| Macronix | MX29LV400CBGB [XFLGA48] | (847)  |
| Macronix | MX29LV400CBXB [CSP48]   | (859)  |
| Macronix | MX29LV400CBXE [CSP48]   | (859)  |
| Macronix | MX29LV400CBXH [WFBGA48] | (848)  |
| Macronix | MX29LV400CT [PSOP44]    | (1356) |
| Macronix | MX29LV400CT [TSOP48]    | (1346) |
| Macronix | MX29LV400CTGB [XFLGA48] | (847)  |
| Macronix | MX29LV400CTXB [CSP48]   | (859)  |
| Macronix | MX29LV400CTXE [CSP48]   | (859)  |
| Macronix | MX29LV400CTXH [WFBGA48] | (848)  |
| Macronix | MX29LV400T [PSOP44]     | (1356) |
| Macronix | MX29LV400T [TSOP48]     | (1346) |
| Macronix | MX29LV400TXB [CSP48]    | (859)  |
| Macronix | MX29LV400TXE [CSP48]    | (859)  |
| Macronix | MX29LV401B [PSOP44]     | (1356) |
| Macronix | MX29LV401B [TSOP48]     | (1346) |
| Macronix | MX29LV401T [PSOP44]     | (1356) |
| Macronix | MX29LV401T [TSOP48]     | (1346) |
| Macronix | MX29LV640B [TSOP48]     | (1346) |
| Macronix | MX29LV640BB [TSOP48]    | (1346) |
| Macronix | MX29LV640BBXB [CSP63]   | (3081) |
| Macronix | MX29LV640BT [TSOP48]    | (1346) |
| Macronix | MX29LV640BTXE [CSP63]   | (3081) |
| Macronix | MX29LV640BU [TSOP48]    | (1346) |
| Macronix | MX29LV640BUXB [CSP63]   | (3081) |
| Macronix | MX29LV640BXB [CSP63]    | (3081) |
| Macronix | MX29LV640BXC [BGA64]    | (543)  |
| Macronix | MX29LV640DB [PSOP44]    | (1356) |
| Macronix | MX29LV640DB [TSOP48]    | (1346) |
| Macronix | MX29LV640DBXE [CSP48]   | (859)  |
| Macronix | MX29LV640DT [PSOP44]    | (1356) |
| Macronix | MX29LV640DT [TSOP48]    | (1346) |
| Macronix | MX29LV640DTXE [CSP48]   | (859)  |
| Macronix | MX29LV640EB [FBGA48]    | (859)  |
| Macronix | MX29LV640EB [TSOP48]    | (1346) |
| Macronix | MX29LV640ET [FBGA48]    | (859)  |
| Macronix | MX29LV640ET [TSOP48]    | (1346) |
| Macronix | MX29LV640MB [TSOP48]    | (1346) |
| Macronix | MX29LV640MBXB [CSP63]   | (663)  |
| Macronix | MX29LV640MBXE [CSP63]   | (663)  |
| Macronix | MX29LV640MH [TSOP56]    | (3080) |
| Macronix | MX29LV640ML [TSOP56]    | (3080) |
| Macronix | MX29LV640MT [TSOP48]    | (1346) |
| Macronix | MX29LV640MTXB [CSP63]   | (663)  |
| Macronix | MX29LV640MTXE [CSP63]   | (663)  |
| Macronix | MX29LV640MUXB [CSP63]   | (663)  |
| Macronix | MX29LV640MUXE [CSP63]   | (663)  |
| Macronix | MX29LV640T [TSOP48]     | (1346) |
| Macronix | MX29LV640TXB [CSP63]    | (3081) |
| Macronix | MX29LV640TXC [BGA64]    | (543)  |
| Macronix | MX29LV640U [TSOP48]     | (1346) |
| Macronix | MX29LV640UXC [BGA64]    | (543)  |
| Macronix | MX29LV641MH [TSOP48]    | (1346) |
| Macronix | MX29LV641ML [TSOP48]    | (1346) |
| Macronix | MX29LV800AB [PSOP44]    | (1356) |
| Macronix | MX29LV800AB [TSOP48]    | (1346) |
| Macronix | MX29LV800ABXB [CSP48]   | (859)  |
| Macronix | MX29LV800ABXE [CSP48]   | (859)  |
| Macronix | MX29LV800AT [PSOP44]    | (1356) |
| Macronix | MX29LV800AT [TSOP48]    | (1346) |
| Macronix | MX29LV800ATXB [CSP48]   | (859)  |
| Macronix | MX29LV800ATXE [CSP48]   | (859)  |
| Macronix | MX29LV800B [PSOP44]     | (1356) |
| Macronix | MX29LV800B [TSOP48]     | (1346) |
| Macronix | MX29LV800BB [PSOP44]    | (1356) |
| Macronix | MX29LV800BB [TSOP48]    | (1346) |
| Macronix | MX29LV800BBXB [CSP48]   | (859)  |
| Macronix | MX29LV800BBXE [CSP48]   | (859)  |
| Macronix | MX29LV800BT [PSOP44]    | (1356) |
| Macronix | MX29LV800BT [TSOP48]    | (1346) |
| Macronix | MX29LV800BTXB [CSP48]   | (859)  |
| Macronix | MX29LV800BTXE [CSP48]   | (859)  |
| Macronix | MX29LV800BXB [CSP48]    | (983)  |
| Macronix | MX29LV800CB [PSOP44]    | (1356) |
| Macronix | MX29LV800CB [TSOP48]    | (1346) |
| Macronix | MX29LV800CBGB [XFLGA48] | (847)  |
| Macronix | MX29LV800CBXB [CSP48]   | (859)  |
| Macronix | MX29LV800CBXE [CSP48]   | (859)  |
| Macronix | MX29LV800CBXG [TFBGA48] | (859)  |
| Macronix | MX29LV800CBXH [WFBGA48] | (848)  |
| Macronix | MX29LV800CT [PSOP44]    | (1356) |
| Macronix | MX29LV800CT [TSOP48]    | (1346) |
| Macronix | MX29LV800CTGB [XFLGA48] | (847)  |
| Macronix | MX29LV800CTXB [CSP48]   | (859)  |
| Macronix | MX29LV800CTXE [CSP48]   | (859)  |
| Macronix | MX29LV800CTXG [TFBGA48] | (859)  |
| Macronix | MX29LV800CTXH [WFBGA48] | (848)  |
| Macronix | MX29LV800T [PSOP44]     | (1356) |
| Macronix | MX29LV800T [TSOP48]     | (1346) |
| Macronix | MX29LV800TXB [CSP48]    | (983)  |
| Macronix | MX29LW161BT [TSOP48]    | (1346) |
| Macronix | MX29LW161TT [TSOP48]    | (1346) |
| Macronix | MX29LW320BXBI [TFBGA48] | (690)  |
| Macronix | MX29LW320BXBI [TSOP48]  | (1346) |
| Macronix | MX29LW320TXBI [TFBGA48] | (690)  |
| Macronix | MX29LW320TXBI [TSOP48]  | (1346) |
| Macronix | MX29LW321BT [TSOP48]    | (1346) |
| Macronix | MX29LW321TT [TSOP48]    | (1346) |

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| Macronix | MX29NS128E     | [TFBGA56] | (1240)             |
| Macronix | MX29NS320E     | [TFBGA56] | (1240)             |
| Macronix | MX29NS640E     | [TFBGA56] | (1240)             |
| Macronix | MX29SL400CB    | [LFBGA48] | (859)              |
| Macronix | MX29SL400CB    | [TFBGA48] | (859)              |
| Macronix | MX29SL400CB    | [TSOP48]  | (1346)             |
| Macronix | MX29SL400CB    | [WFBGA48] | (848)              |
| Macronix | MX29SL400CB    | [XFLGA48] | (847)              |
| Macronix | MX29SL400CT    | [LFBGA48] | (859)              |
| Macronix | MX29SL400CT    | [TFBGA48] | (859)              |
| Macronix | MX29SL400CT    | [TSOP48]  | (1346)             |
| Macronix | MX29SL400CT    | [WFBGA48] | (848)              |
| Macronix | MX29SL400CT    | [XFLGA48] | (847)              |
| Macronix | MX29SL402CB    | [LFBGA48] | (859)              |
| Macronix | MX29SL402CB    | [TFBGA48] | (859)              |
| Macronix | MX29SL402CB    | [TSOP48]  | (1346)             |
| Macronix | MX29SL402CB    | [WFBGA48] | (848)              |
| Macronix | MX29SL402CB    | [XFLGA48] | (847)              |
| Macronix | MX29SL402CT    | [LFBGA48] | (859)              |
| Macronix | MX29SL402CT    | [TFBGA48] | (859)              |
| Macronix | MX29SL402CT    | [TSOP48]  | (1346)             |
| Macronix | MX29SL402CT    | [WFBGA48] | (848)              |
| Macronix | MX29SL402CT    | [XFLGA48] | (847)              |
| Macronix | MX29SL800CB    | [TSOP48]  | (1346)             |
| Macronix | MX29SL800CBGB  | [XFLGA48] | (847)              |
| Macronix | MX29SL800CBXB  | [CSP48]   | (859)              |
| Macronix | MX29SL800CBXE  | [CSP48]   | (859)              |
| Macronix | MX29SL800CBXH  | [CSP48]   | (622)              |
| Macronix | MX29SL800CT    | [TSOP48]  | (1346)             |
| Macronix | MX29SL800CTGB  | [XFLGA48] | (847)              |
| Macronix | MX29SL800CTXB  | [CSP48]   | (859)              |
| Macronix | MX29SL800CTXE  | [CSP48]   | (859)              |
| Macronix | MX29SL800CTXH  | [CSP48]   | (622)              |
| Macronix | MX29SL802CBXH  | [WFBGA48] | (848)              |
| Macronix | MX29SL802CTXH  | [WFBGA48] | (848)              |
| Macronix | MX29VS128FB    | [TFBGA56] | (1240)             |
| Macronix | MX29VS128FBXL  | [TFBGA56] | (1240)             |
| Macronix | MX29VS128FT    | [TFBGA56] | (1240)             |
| Macronix | MX29VS128FTXL  | [TFBGA56] | (1240)             |
| Macronix | MX30LF1208AA   | [FBGA63]  | (2690) (*1)        |
| Macronix | MX30LF1208AA   | [FBGA63]  | (2690) (9999) (*1) |
| Macronix | MX30LF1208AA   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF1208AA   | [TSOP48]  | (1266) (9999) (*1) |
| Macronix | MX30LF1G08AA   | [FBGA63]  | (2690) (*1)        |
| Macronix | MX30LF1G08AA   | [FBGA63]  | (2690) (*1)        |
| Macronix | MX30LF1G08AA   | [FBGA63]  | (2690) (9999) (*1) |
| Macronix | MX30LF1G08AA   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF1G08AA   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF1G08AA   | [TSOP48]  | (1266) (9999) (*1) |
| Macronix | MX30LF1G189C   | [TSOP48]  | (3075)             |
| Macronix | MX30LF1G18AC   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF1G18AC   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF1G18AC   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF1G18AC   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF1G18SC   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF1G28SC   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF1GE8AB   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF1GE8AB   | [VFBGA48] | (3365)             |
| Macronix | MX30LF1GE8AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF2G189C   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF2G189C   | [VFBGA63] | (3121)             |
| Macronix | MX30LF2G18AC   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF2G18AC   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF2G18AC   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF2G18AC   | [VFBGA63] | (2690) (9999) (*1) |
| Macronix | MX30LF2G18AC   | [VFBGA63] | (3121) (9999)      |
| Macronix | MX30LF2G18SC   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF2G28AB   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF2G28AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF2G28AC   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF2G28AC   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF2G28SB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF2G28SC   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF2GE8AB   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF2GE8AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF4G189C   | [TSOP48]  | (3075)             |
| Macronix | MX30LF4G189C   | [VFBGA63] | (3121)             |
| Macronix | MX30LF4G18AC   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF4G18AC   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF4G289D   | [VFBGA63] | (3121)             |
| Macronix | MX30LF4G28AB   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF4G28AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF4G28AC   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30LF4G28AC   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30LF4G28AD   | [TSOP48]  | (3075)             |
| Macronix | MX30LF4G28AD   | [VFBGA63] | (3121)             |
| Macronix | MX30LF4GE8AB   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30UF1G16AC   | [VFBGA48] | (3365)             |
| Macronix | MX30UF1G16AC   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30UF1G18AC   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30UF1G18AC   | [VFBGA48] | (3365)             |
| Macronix | MX30UF1G18AC   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30UF2G16AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30UF2G16AC   | [VFBGA48] | (3365)             |
| Macronix | MX30UF2G18AB   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30UF2G18AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30UF2G18AC   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30UF2G18AC   | [VFBGA48] | (3365)             |
| Macronix | MX30UF2G26AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30UF2G28AB   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30UF2G28AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30UF2GE8AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30UF4G16AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30UF4G18AB   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30UF4G18AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30UF4G18AC   | [TSOP48]  | (3075)             |
| Macronix | MX30UF4G18AC   | [VFBGA63] | (3121)             |
| Macronix | MX30UF4G26AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30UF4G28AB   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX30UF4G28AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30UF4G28AC   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX30UF4GE8AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX35LF1GE4AB   | [WSON8]   | (4971)             |
| Macronix | MX35LF2G14AC   | [WSON8]   | (4914) (*1)        |
| Macronix | MX35LF2GE4AB   | [SOP16]   | (3100) (*1)        |
| Macronix | MX35UF1G14AC   | [WSON8]   | (4971)             |
| Macronix | MX35UF2G14AC   | [WSON8]   | (4971)             |
| Macronix | MX60LF8G18AC   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX60LF8G18AC   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX60LF8G28AB   | [TSOP48]  | (1266) (*1)        |
| Macronix | MX60LF8G28AB   | [VFBGA63] | (2690) (*1)        |
| Macronix | MX60UF8G18AC   | [VFBGA63] | (3121)             |
| Macronix | MX63U1GC12EAXN | [FBGA130] | (2571) (*1)        |
| Macronix | MX63U1GC12FAXN | [FBGA130] | (2571) (*1)        |
| Macronix | MX63U1GC12HAXM | [FBGA162] | (3366)             |
| Macronix | MX63U1GC1GAAXM | [FBGA162] | (3366)             |
| Macronix | MX63U1GC1GCAXM | [FBGA162] | (3366)             |
| Macronix | MX63U1GDI2EAXN | [FBGA130] | (2571) (*1)        |

|           |                   |                         |               |
|-----------|-------------------|-------------------------|---------------|
| Macronix  | MX63U1GD1GAAXM    | [FBGA162]               | (3366)        |
| Macronix  | MX63U2GA1GCAXM    | [FBGA162]               | (3366)        |
| Macronix  | MX63U2GB1GCAXM    | [FBGA162]               | (3366)        |
| Macronix  | MX63U2GC1GCAXM    | [FBGA162]               | (3366)        |
| Macronix  | MX63U2GC1GKAXN    | [FBGA130]               | (2571) (*1)   |
| Macronix  | MX63U2GD1GJAXN    | [FBGA130]               | (2571) (*1)   |
| Macronix  | MX63U2GE2GGAXM    | [FBGA162]               | (3366)        |
| Macronix  | MX63U2GE2GHAXM    | [FBGA162]               | (3366)        |
| Macronix  | MX63U4GA2GBAXM    | [FBGA162]               | (3366)        |
| Macronix  | MX63U4GB2GBAXM    | [FBGA162]               | (3366)        |
| Macronix  | MX63U4GC2GBAXM    | [FBGA162]               | (3366)        |
| Macronix  | MX63U4GC2GGAXM    | [FBGA162]               | (3366)        |
| Macronix  | MX63U4GC2GHAXM    | [FBGA162]               | (3366)        |
| Macronix  | MX65L12A64AAXDx00 | [BGA24] (Octa I/O)      | (3122) (9999) |
| Macronix  | MX65U28F64E       | [TFBGA56]               | (1240)        |
| Macronix  | MX65U64F32E       | [TFBGA56]               | (1240)        |
| Macronix  | MX66L1G45G        | [SOP16] (Quad I/O)      | (3101) (*1)   |
| Macronix  | MX66L1G45GXD      | [BGA24] (Quad I/O)      | (1343) (*1)   |
| Macronix  | MX66L1G85GXD      | [BGA24] (Dual-Quad I/O) | (3122)        |
| Macronix  | MX66L25685G       | [SOP16] (Dual-Quad I/O) | (3100) (*1)   |
| Macronix  | MX66L2G45GXR      | [BGA24] (Quad I/O)      | (3122)        |
| Macronix  | MX66L51235F       | (ISP)                   | (138) (9997)  |
| Macronix  | MX66L51235F       | [SOP16] (Quad I/O)      | (3101) (*1)   |
| Macronix  | MX66L51235F       | [wSON8 8x6] (Quad I/O)  | (3053) (*1)   |
| Macronix  | MX66L51235FXD     | [TFBGA24] (Quad I/O)    | (1343) (*1)   |
| Macronix  | MX66L51255F       | [SOP16] (Quad I/O)      | (3101) (*1)   |
| Macronix  | MX66L51255FXC     | [TFBGA24] (Quad I/O)    | (1268) (*1)   |
| Macronix  | MX66L51255FXD     | [TFBGA24] (Quad I/O)    | (1343) (*1)   |
| Macronix  | MX66L51285G       | [SOP16] (Dual-Quad I/O) | (3100) (*1)   |
| Macronix  | MX66U1G45G        | [SOP16]                 | (3100) (*1)   |
| Macronix  | MX66U1G45G        | [SOP16] (Quad I/O)      | (3100) (*1)   |
| Macronix  | MX66U1G45GXD      | [BGA24]                 | (3122)        |
| Macronix  | MX66U1G45GXD      | [BGA24] (Quad I/O)      | (3122)        |
| Macronix  | MX66U2G45GXR      | [BGA24] (Quad I/O)      | (3122)        |
| Macronix  | MX66U51235F       | [SOP16]                 | (3101) (*1)   |
| Macronix  | MX66U51235F       | [SOP16] (Quad I/O)      | (3101) (*1)   |
| Macronix  | MX66U51235F       | [wSON8 8x6]             | (3053) (*1)   |
| Macronix  | MX66U51235F       | [wSON8 8x6] (Quad I/O)  | (3053) (*1)   |
| Macronix  | MX66U51235FXD     | [TFBGA24]               | (1343) (*1)   |
| Macronix  | MX66U51235FXD     | [TFBGA24] (Quad I/O)    | (1343) (*1)   |
| Macronix  | MX68GA1G0FHXF     | [LFBGA64]               | (1109)        |
| Macronix  | MX68GA1G0FLXF     | [LFBGA64]               | (1109)        |
| Macronix  | MX68GL1G0FDT2     | [TSOP56]                | (3161)        |
| Macronix  | MX68GL1G0FDXF     | [LFBGA64]               | (1109)        |
| Macronix  | MX68GL1G0FHT2     | [TSOP56]                | (3161)        |
| Macronix  | MX68GL1G0FHXF     | [LFBGA64]               | (1109)        |
| Macronix  | MX68GL1G0FLT2     | [TSOP56]                | (3161)        |
| Macronix  | MX68GL1G0FLXF     | [LFBGA64]               | (1109)        |
| Macronix  | MX68GL1G0FUT2     | [TSOP56]                | (3161)        |
| Macronix  | MX68GL1G0FUXF     | [LFBGA64]               | (1109)        |
| Macronix  | MX68GL1G0GDT2     | [TSOP56]                | (3160)        |
| Macronix  | MX68GL1G0GHT2     | [TSOP56]                | (3161)        |
| Macronix  | MX68GL1G0GHXF     | [LFBGA64]               | (1109)        |
| Macronix  | MX68GL1G0GLT2     | [TSOP56]                | (3161)        |
| Macronix  | MX68GL1G0GLXF     | [LFBGA64]               | (1109)        |
| Macronix  | MX68GL1G0GUT2     | [TSOP56]                | (3160)        |
| Macronix  | MX69F1602C3BxB    | [FBGA66]                | (670)         |
| Macronix  | MX69F1602C3TxB    | [FBGA66]                | (670)         |
| Macronix  | MX69F1604C3BxB    | [FBGA66]                | (670)         |
| Macronix  | MX69F1604C3TxB    | [FBGA66]                | (670)         |
| Macronix  | MX69GL126EAXG     | [FBGA56]                | (2851)        |
| Macronix  | MX69GL126EJXG     | [FBGA56]                | (2851)        |
| Macronix  | MX69GL126FEXG     | [FBGA56]                | (2851)        |
| Macronix  | MX69GL127EAXG     | [FBGA56]                | (1274)        |
| Macronix  | MX69GL128EAXG     | [FBGA64]                | (692)         |
| Macronix  | MX69GL128EBXG     | [FBGA64]                | (692)         |
| Macronix  | MX69GL128ECXG     | [FBGA64]                | (692)         |
| Macronix  | MX69GL638EAXG     | [FBGA56]                | (1274)        |
| Macronix  | MX69GL638EJXG     | [FBGA56]                | (1274)        |
| Macronix  | MX69GL640EAXG     | [FBGA56]                | (1274)        |
| Macronix  | MX69GL640ECXG     | [FBGA56]                | (1274)        |
| Macronix  | MX69GL640EEXG     | [FBGA56]                | (1274)        |
| Macronix  | MX69GL640EJXG     | [FBGA56]                | (1274)        |
| Macronix  | MX69GL642EAXG     | [FBGA56]                | (1274)        |
| Macronix  | MX69GL642EEXG     | [FBGA56]                | (1274)        |
| Macronix  | MX69GL642EJXG     | [FBGA56]                | (1274)        |
| Macronix  | MX69LW162BxB      | [FBGA69]                | (514)         |
| Macronix  | MX69LW162TxB      | [FBGA69]                | (514)         |
| Macronix  | MX69LW164BxB      | [FBGA69]                | (514)         |
| Macronix  | MX69LW164TxB      | [FBGA69]                | (514)         |
| Macronix  | MX69N28E32        | [TFBGA56]               | (1240)        |
| Macronix  | MX69N28E64        | [TFBGA56]               | (1240)        |
| Macronix  | MX69N64E32        | [TFBGA56]               | (1240)        |
| Macronix  | MX69N64E32MXP     | [TFBGA52]               | (3451)        |
| Macronix  | MX69N64E32PXP     | [TFBGA52]               | (3451)        |
| Macronix  | MX69V28F32xB      | [TFBGA56]               | (1240)        |
| Macronix  | MX69V28F32xT      | [TFBGA56]               | (1240)        |
| Macronix  | MX69V28F64xB      | [TFBGA56]               | (1240)        |
| Macronix  | MX69V28F64xT      | [TFBGA56]               | (1240)        |
| Macronix  | TC531024          |                         |               |
| Macronix  | TC531024          | [SOP40]                 | (98)          |
| MagnaChip | GMS34004TK        |                         |               |
| MagnaChip | GMS34004TM        |                         |               |
| MagnaChip | GMS34112TK        |                         |               |
| MagnaChip | GMS34112TK        | [SOP20]                 | (119)         |
| MagnaChip | GMS34112TK        | [SSOP20]                | (1089)        |
| MagnaChip | GMS34112TM        |                         |               |
| MagnaChip | GMS34112TM        | [SOP20]                 | (119)         |
| MagnaChip | GMS34112TM        | [SSOP20]                | (1089)        |
| MagnaChip | GMS34140TK        |                         |               |
| MagnaChip | GMS34140TK        | [SOP24]                 | (1062)        |
| MagnaChip | GMS34140TM        |                         |               |
| MagnaChip | GMS34140TM        | [SOP24]                 | (1062)        |
| MagnaChip | GMS77C1000        |                         |               |
| MagnaChip | GMS77C1000        | [SOIC18]                | (1061)        |
| MagnaChip | GMS77C1000        | [SSOP20]                | (91)          |
| MagnaChip | GMS77C1001        |                         |               |
| MagnaChip | GMS77C1001        | [SOIC18]                | (1061)        |
| MagnaChip | GMS77C1001        | [SSOP20]                | (91)          |
| MagnaChip | GMS81S16BT        | [LQFP64]                | (921)         |
| MagnaChip | GMS81S16BT        | [MQFP64]                | (920)         |
| MagnaChip | GMS81S16BT        | [SDIP64]                | (919)         |
| MagnaChip | GMS81S24BT        | [LQFP64]                | (921)         |
| MagnaChip | GMS81S24BT        | [MQFP64]                | (920)         |
| MagnaChip | GMS81S24BT        | [SDIP64]                | (919)         |
| MagnaChip | GMS82S24T         | [MQFP44]                | (108)         |
| MagnaChip | GMS82S24T         | [SDIP42]                | (164)         |
| MagnaChip | GMS87C1102        |                         |               |
| MagnaChip | GMS87C1102        | [SOIC16]                | (1060)        |
| MagnaChip | GMS87C1202        |                         |               |
| MagnaChip | GMS87C1202        | [SOIC20]                | (119)         |
| MagnaChip | GMS87C1404        |                         |               |
| MagnaChip | GMS87C1404        | [SOIC28]                | (51)          |
| MagnaChip | GMS87C1408        |                         |               |
| MagnaChip | GMS87C1408        | [SOIC28]                | (51)          |
| MagnaChip | GMS97C1051        |                         |               |
| MagnaChip | GMS97C1051        | [SOP20]                 | (119)         |
| MagnaChip | GMS97C2051        |                         |               |

|            |        |                      |        |
|------------|--------|----------------------|--------|
| MagnaChip  | Semic. | GMS97C2051 [SOP20]   | (119)  |
| MagnaChip  | Semic. | GMS97C51             |        |
| MagnaChip  | Semic. | GMS97C51 [MQFP44]    | (108)  |
| MagnaChip  | Semic. | GMS97C51 [PLCC44]    | (67)   |
| MagnaChip  | Semic. | GMS97C52             |        |
| MagnaChip  | Semic. | GMS97C52 [MQFP44]    | (108)  |
| MagnaChip  | Semic. | GMS97C52 [PLCC44]    | (67)   |
| MagnaChip  | Semic. | GMS97C54             |        |
| MagnaChip  | Semic. | GMS97C54 [MQFP44]    | (108)  |
| MagnaChip  | Semic. | GMS97C54 [PLCC44]    | (67)   |
| MagnaChip  | Semic. | GMS97C56             |        |
| MagnaChip  | Semic. | GMS97C56 [MQFP44]    | (108)  |
| MagnaChip  | Semic. | GMS97C56 [PLCC44]    | (67)   |
| MagnaChip  | Semic. | GMS97C58             |        |
| MagnaChip  | Semic. | GMS97C58 [MQFP44]    | (108)  |
| MagnaChip  | Semic. | GMS97C58 [PLCC44]    | (67)   |
| MagnaChip  | Semic. | GMS97L1051           |        |
| MagnaChip  | Semic. | GMS97L1051 [SOP20]   | (119)  |
| MagnaChip  | Semic. | GMS97L2051           |        |
| MagnaChip  | Semic. | GMS97L2051 [SOP20]   | (119)  |
| MagnaChip  | Semic. | GMS97L51             |        |
| MagnaChip  | Semic. | GMS97L51 [MQFP44]    | (108)  |
| MagnaChip  | Semic. | GMS97L51 [PLCC44]    | (67)   |
| MagnaChip  | Semic. | GMS97L52             |        |
| MagnaChip  | Semic. | GMS97L52 [MQFP44]    | (108)  |
| MagnaChip  | Semic. | GMS97L52 [PLCC44]    | (67)   |
| MagnaChip  | Semic. | GMS97L54             |        |
| MagnaChip  | Semic. | GMS97L54 [MQFP44]    | (108)  |
| MagnaChip  | Semic. | GMS97L54 [PLCC44]    | (67)   |
| MagnaChip  | Semic. | GMS97L56             |        |
| MagnaChip  | Semic. | GMS97L56 [MQFP44]    | (108)  |
| MagnaChip  | Semic. | GMS97L56 [PLCC44]    | (67)   |
| MagnaChip  | Semic. | GMS97L58             |        |
| MagnaChip  | Semic. | GMS97L58 [MQFP44]    | (108)  |
| MagnaChip  | Semic. | GMS97L58 [PLCC44]    | (67)   |
| MagnaChip  | Semic. | GMS99C58             |        |
| MagnaChip  | Semic. | GMS99C58 [MQFP44]    | (108)  |
| MagnaChip  | Semic. | GMS99C58 [PLCC44]    | (67)   |
| MagnaChip  | Semic. | HMS81020ET [PDIP20]  |        |
| MagnaChip  | Semic. | HMS81020ET [SKDIP24] |        |
| MagnaChip  | Semic. | HMS81020ET [SKDIP28] |        |
| MagnaChip  | Semic. | HMS81020ET [SOIC20]  | (119)  |
| MagnaChip  | Semic. | HMS81020ET [SOIC24]  | (1062) |
| MagnaChip  | Semic. | HMS81020ET [SOIC28]  | (51)   |
| MagnaChip  | Semic. | HMS81020TL [PDIP20]  |        |
| MagnaChip  | Semic. | HMS81020TL [SKDIP24] |        |
| MagnaChip  | Semic. | HMS81020TL [SKDIP28] |        |
| MagnaChip  | Semic. | HMS81020TL [SOIC20]  | (119)  |
| MagnaChip  | Semic. | HMS81020TL [SOIC24]  | (1062) |
| MagnaChip  | Semic. | HMS81020TL [SOIC28]  | (51)   |
| MagnaChip  | Semic. | HMS81032ET [PDIP20]  |        |
| MagnaChip  | Semic. | HMS81032ET [SKDIP24] |        |
| MagnaChip  | Semic. | HMS81032ET [SKDIP28] |        |
| MagnaChip  | Semic. | HMS81032ET [SOIC20]  | (119)  |
| MagnaChip  | Semic. | HMS81032ET [SOIC24]  | (1062) |
| MagnaChip  | Semic. | HMS81032ET [SOIC28]  | (51)   |
| MagnaChip  | Semic. | HMS81032TL [PDIP20]  |        |
| MagnaChip  | Semic. | HMS81032TL [SKDIP24] |        |
| MagnaChip  | Semic. | HMS81032TL [SKDIP28] |        |
| MagnaChip  | Semic. | HMS81032TL [SOIC20]  | (119)  |
| MagnaChip  | Semic. | HMS81032TL [SOIC24]  | (1062) |
| MagnaChip  | Semic. | HMS81032TL [SOIC28]  | (51)   |
| MagnaChip  | Semic. | HMS87C1102A          |        |
| MagnaChip  | Semic. | HMS87C1102A [SOIC16] | (1060) |
| MagnaChip  | Semic. | HMS87C1104A          |        |
| MagnaChip  | Semic. | HMS87C1104A [SOIC16] | (1060) |
| MagnaChip  | Semic. | HMS87C1202A          |        |
| MagnaChip  | Semic. | HMS87C1202A [SOIC20] | (119)  |
| MagnaChip  | Semic. | HMS87C1204A          |        |
| MagnaChip  | Semic. | HMS87C1204A [SOIC20] | (119)  |
| MagnaChip  | Semic. | HMS87C1302A          |        |
| MagnaChip  | Semic. | HMS87C1302A [SOIC24] | (1062) |
| MagnaChip  | Semic. | HMS87C1304A          |        |
| MagnaChip  | Semic. | HMS87C1304A [SOIC24] | (1062) |
| MagnaChip  | Semic. | HMS87C1404B          |        |
| MagnaChip  | Semic. | HMS87C1404B [SOIC28] | (51)   |
| MagnaChip  | Semic. | HMS87C1408B          |        |
| MagnaChip  | Semic. | HMS87C1408B [SOIC28] | (51)   |
| MagnaChip  | Semic. | HMS87C1416B          |        |
| MagnaChip  | Semic. | HMS87C1416B [SOIC28] | (51)   |
| MagnaChip  | Semic. | HMS87C1508B          |        |
| MagnaChip  | Semic. | HMS87C1516B          |        |
| MagnaChip  | Semic. | HMS87C1608B          |        |
| MagnaChip  | Semic. | HMS87C1616B          |        |
| MagnaChip  | Semic. | HMS87C1708B [SDIP42] | (164)  |
| MagnaChip  | Semic. | HMS87C1716B [SDIP42] | (164)  |
| MagnaChip  | Semic. | HMS87C1808B [MQFP44] | (108)  |
| MagnaChip  | Semic. | HMS87C1816B [MQFP44] | (108)  |
| MagnaChip  | Semic. | HMS99C51             |        |
| MagnaChip  | Semic. | HMS99C51 [MQFP44]    | (108)  |
| MagnaChip  | Semic. | HMS99C51 [PLCC44]    | (67)   |
| MagnaChip  | Semic. | HMS99C51S            |        |
| MagnaChip  | Semic. | HMS99C51S [MQFP44]   | (108)  |
| MagnaChip  | Semic. | HMS99C51S [PLCC44]   | (67)   |
| MagnaChip  | Semic. | HMS99C52             |        |
| MagnaChip  | Semic. | HMS99C52 [MQFP44]    | (108)  |
| MagnaChip  | Semic. | HMS99C52 [PLCC44]    | (67)   |
| MagnaChip  | Semic. | HMS99C52S            |        |
| MagnaChip  | Semic. | HMS99C52S [MQFP44]   | (108)  |
| MagnaChip  | Semic. | HMS99C52S [PLCC44]   | (67)   |
| MagnaChip  | Semic. | HMS99C54S            |        |
| MagnaChip  | Semic. | HMS99C54S [MQFP44]   | (108)  |
| MagnaChip  | Semic. | HMS99C54S [PLCC44]   | (67)   |
| MagnaChip  | Semic. | HMS99C56S            |        |
| MagnaChip  | Semic. | HMS99C56S [MQFP44]   | (108)  |
| MagnaChip  | Semic. | HMS99C56S [PLCC44]   | (67)   |
| MagnaChip  | Semic. | HMS99C58S            |        |
| MagnaChip  | Semic. | HMS99C58S [MQFP44]   | (108)  |
| MagnaChip  | Semic. | HMS99C58S [PLCC44]   | (67)   |
| Matsushita |        | 27128                |        |
| Matsushita |        | 2764                 |        |
| Maxcom     |        | MAX24A02             |        |
| Maxcom     |        | MAX24A02 (ISP)       | (138)  |
| Maxcom     |        | MAX24A02 [SOP8]      | (950)  |
| Maxcom     |        | MAX24A08             |        |
| Maxcom     |        | MAX24A08 (ISP)       | (138)  |
| Maxcom     |        | MAX24A08 [SOP8]      | (950)  |
| Maxcom     |        | MAX24A08 [TSSOP8]    | (121)  |
| Maxcom     |        | MAX24A16             |        |
| Maxcom     |        | MAX24A16 (ISP)       | (138)  |
| Maxcom     |        | MAX24A16 [SOP8]      | (950)  |
| Maxcom     |        | MAX24A16 [TSSOP8]    | (121)  |
| Maxcom     |        | MAX93LC46            |        |
| Maxcom     |        | MAX93LC46 (ISP)      | (138)  |
| Maxcom     |        | MAX93LC46 [SOIC8]    | (950)  |
| Maxcom     |        | MAX93LC46G [SOIC8]   | (950)  |
| Maxim      |        | DS1077 [SO8]         | (950)  |
| Maxim      |        | DS1077 [uSOP8]       | (605)  |



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|-------|--------------------|--------|
| Maxim | DS1077L [SO8]      | (950)  |
| Maxim | DS1077L [uSOP8]    | (605)  |
| Maxim | DS1085 [SO8]       | (950)  |
| Maxim | DS1085L [SO8]      | (950)  |
| Maxim | DS1086 [SO8]       | (950)  |
| Maxim | DS1086 [uSOP8]     | (605)  |
| Maxim | DS1086L [uSOP8]    | (605)  |
| Maxim | DS1087L [uSOP8]    | (605)  |
| Maxim | DS1089L [uSOP8]    | (605)  |
| Maxim | DS1094L [uSOP8]    | (605)  |
| Maxim | DS1213B (2Kx8)     |        |
| Maxim | DS1213B (8Kx8)     |        |
| Maxim | DS1213C (8Kx8)     |        |
| Maxim | DS1213C(32Kx8)     |        |
| Maxim | DS1220AB           |        |
| Maxim | DS1220AD           |        |
| Maxim | DS1225AB           |        |
| Maxim | DS1225AD           |        |
| Maxim | DS1230AB           |        |
| Maxim | DS1230W            |        |
| Maxim | DS1230Y            |        |
| Maxim | DS1243Y            |        |
| Maxim | DS1244W            |        |
| Maxim | DS1244Y            |        |
| Maxim | DS1245AB           |        |
| Maxim | DS1245W            |        |
| Maxim | DS1245Y            |        |
| Maxim | DS1248W            |        |
| Maxim | DS1248Y            |        |
| Maxim | DS1249AB           |        |
| Maxim | DS1249W            |        |
| Maxim | DS1249Y            |        |
| Maxim | DS1250AB           |        |
| Maxim | DS1250W            |        |
| Maxim | DS1250Y            |        |
| Maxim | DS1251W            |        |
| Maxim | DS1251Y            |        |
| Maxim | DS1258AB           |        |
| Maxim | DS1258W            |        |
| Maxim | DS1258Y            |        |
| Maxim | DS1265AB           |        |
| Maxim | DS1265W            |        |
| Maxim | DS1265Y            |        |
| Maxim | DS1270AB           |        |
| Maxim | DS1270W            |        |
| Maxim | DS1270Y            |        |
| Maxim | DS1286             |        |
| Maxim | DS1287             |        |
| Maxim | DS1287A            | (1322) |
| Maxim | DS12887            |        |
| Maxim | DS12887A           | (1322) |
| Maxim | DS12C887           |        |
| Maxim | DS12C887A          | (1322) |
| Maxim | DS12CR887-33       |        |
| Maxim | DS12CR887-5        |        |
| Maxim | DS1386 (32Kx8)     |        |
| Maxim | DS1386 (8Kx8)      |        |
| Maxim | DS1388-3 (ISP)     | (138)  |
| Maxim | DS1388-3 [SOIC8]   | (950)  |
| Maxim | DS1388-33 (ISP)    | (138)  |
| Maxim | DS1388-33 [SOIC8]  | (950)  |
| Maxim | DS1388-5 (ISP)     | (138)  |
| Maxim | DS1388-5 [SOIC8]   | (950)  |
| Maxim | DS1511W            |        |
| Maxim | DS1511Y            |        |
| Maxim | DS1543             |        |
| Maxim | DS1543W            |        |
| Maxim | DS1553             |        |
| Maxim | DS1553W            |        |
| Maxim | DS1554             |        |
| Maxim | DS1554W            |        |
| Maxim | DS1556             |        |
| Maxim | DS1556W            |        |
| Maxim | DS1621             |        |
| Maxim | DS1621 (ISP)       | (138)  |
| Maxim | DS1621 [SO8-150]   | (950)  |
| Maxim | DS1621 [SO8-200]   | (46)   |
| Maxim | DS1624             |        |
| Maxim | DS1624 (ISP)       | (138)  |
| Maxim | DS1624 [SOIC8]     | (46)   |
| Maxim | DS1631             |        |
| Maxim | DS1631 (ISP)       | (138)  |
| Maxim | DS1631 [MSOP8]     | (605)  |
| Maxim | DS1631 [SO8-150]   | (950)  |
| Maxim | DS1631 [SO8-200]   | (46)   |
| Maxim | DS1631A (ISP)      | (138)  |
| Maxim | DS1631A [MSOP8]    | (605)  |
| Maxim | DS1642             |        |
| Maxim | DS1643             |        |
| Maxim | DS1644             |        |
| Maxim | DS1646             |        |
| Maxim | DS1647             |        |
| Maxim | DS1687-3           |        |
| Maxim | DS1687-5           |        |
| Maxim | DS17287-3          |        |
| Maxim | DS17287-5          |        |
| Maxim | DS1731 (ISP)       | (138)  |
| Maxim | DS1731 [MSOP8]     | (605)  |
| Maxim | DS1742             |        |
| Maxim | DS1742W            |        |
| Maxim | DS1743             |        |
| Maxim | DS1743W            |        |
| Maxim | DS1744             |        |
| Maxim | DS1744W            |        |
| Maxim | DS1746             |        |
| Maxim | DS1747             |        |
| Maxim | DS1747W            |        |
| Maxim | DS17487-3          |        |
| Maxim | DS17487-5          |        |
| Maxim | DS17887-3          |        |
| Maxim | DS17887-5          |        |
| Maxim | DS1820 [PR35]      |        |
| Maxim | DS1820-PAR [TO-92] |        |
| Maxim | DS1820S [SSOP16]   | (1103) |
| Maxim | DS1821 (ISP)       | (138)  |
| Maxim | DS1821 [PR35]      |        |
| Maxim | DS1821 [SOIC8]     | (46)   |
| Maxim | DS1822 [SOIC8]     | (950)  |
| Maxim | DS1822 [TO-92]     |        |
| Maxim | DS1822-PAR [TO-92] |        |
| Maxim | DS1825 (ISP)       | (138)  |
| Maxim | DS1825 [uSOP8]     | (605)  |
| Maxim | DS1845 (ISP)       | (138)  |
| Maxim | DS1845 [TSSOP14]   | (1087) |
| Maxim | DS1846 (ISP)       | (138)  |
| Maxim | DS1846 [TSSOP20]   | (1089) |
| Maxim | DS1847 (ISP)       | (138)  |
| Maxim | DS1847 [TSSOP14]   | (1087) |

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| Maxim | DS1855 (ISP)                | (138)         |
| Maxim | DS1855 [TSSOP14]            | (1087)        |
| Maxim | DS1881 (ISP)                | (138)         |
| Maxim | DS1881 [SO16]               | (44)          |
| Maxim | DS1881 [TSSOP16]            | (1088)        |
| Maxim | DS1882 (ISP)                | (138)         |
| Maxim | DS1882 [SO16]               | (44)          |
| Maxim | DS1882 [TSSOP16]            | (1088)        |
| Maxim | DS18820 (ISP)               | (138)         |
| Maxim | DS18820 [SOIC8]             | (950)         |
| Maxim | DS18820 [SSOP8]             | (605)         |
| Maxim | DS18820 [TO-92]             |               |
| Maxim | DS18S20 [SOIC8]             | (950)         |
| Maxim | DS18S20 [TO-92]             |               |
| Maxim | DS18S20P [TO-92]            |               |
| Maxim | DS18S20-PAR [TO-92]         |               |
| Maxim | DS1971                      | (455)         |
| Maxim | DS1973                      | (455)         |
| Maxim | DS1982                      | (455)         |
| Maxim | DS1985                      | (455)         |
| Maxim | DS2401 (ISP)                | (138)         |
| Maxim | DS2401 [TO-92]              |               |
| Maxim | DS2430A (ISP)               | (138)         |
| Maxim | DS2430A [TO-92]             |               |
| Maxim | DS2430A [TSOC6]             | (3336)        |
| Maxim | DS2431 (ISP)                | (138)         |
| Maxim | DS2431 [DFN6]               | (1554)        |
| Maxim | DS2431 [TO-92]              |               |
| Maxim | DS2431 [TSOC6]              | (3336)        |
| Maxim | DS2432 [TSOC6]              | (3336)        |
| Maxim | DS2433 (ISP)                | (138)         |
| Maxim | DS2433 [PR-35]              |               |
| Maxim | DS2433 [SOIC8]              | (46)          |
| Maxim | DS2436 (ISP)                | (138)         |
| Maxim | DS2436 [SOIC8]              | (950)         |
| Maxim | DS2436 [TO-92]              |               |
| Maxim | DS2438 (ISP)                | (138)         |
| Maxim | DS2438 [SOIC8]              | (950)         |
| Maxim | DS24833 (ISP)               | (138)         |
| Maxim | DS24833 [SOIC8]             | (46)          |
| Maxim | DS24833 [TO-92]             |               |
| Maxim | DS2502 (ISP)                | (138)         |
| Maxim | DS2502 [SOIC8]              | (950)         |
| Maxim | DS2502 [SOT23-3]            | (1257)        |
| Maxim | DS2502 [TO-92]              |               |
| Maxim | DS2502 [TSOC6]              | (3336)        |
| Maxim | DS2502-E48 [TO-92]          |               |
| Maxim | DS2502-E48 [TSOC6]          | (3336)        |
| Maxim | DS2502-E64 (ISP)            | (138)         |
| Maxim | DS2502-E64 [TO-92]          |               |
| Maxim | DS2502-E64 [TSOC6]          | (3336)        |
| Maxim | DS2505 (ISP)                | (138)         |
| Maxim | DS2505 [TO-92]              |               |
| Maxim | DS2505 [TSOC6]              | (3336)        |
| Maxim | DS2506 (ISP)                | (138)         |
| Maxim | DS2506 [PR-35]              |               |
| Maxim | DS2506 [SOIC8]              | (46)          |
| Maxim | DS2756E [TSSOP8]            | (121)         |
| Maxim | DS2762 [TSSOP16]            | (1088)        |
| Maxim | DS2780E [TSSOP8]            | (121)         |
| Maxim | DS2781E [TSSOP8]            | (121)         |
| Maxim | DS2786 [TDFN10]             | (574)         |
| Maxim | DS2786B [TDFN10]            | (574)         |
| Maxim | DS2788E [TSSOP14]           | (1087)        |
| Maxim | DS28CN01 [uSOP8]            | (605) (9999)  |
| Maxim | DS28DG02 [TQFN36]           | (1076)        |
| Maxim | DS28DG02 [TSSOP28]          | (172)         |
| Maxim | DS28E01-100 (ISP)           | (138)         |
| Maxim | DS28E01-100 [TDFN6]         | (1554)        |
| Maxim | DS28E01-100 [TO-92]         |               |
| Maxim | DS28E01-100 [TSOC6]         | (3336)        |
| Maxim | DS28E01-100 [TSOC6] (CNS)   | (3336) (9999) |
| Maxim | DS28E01-100 [TSOC6] (HTV-1) | (3336) (9999) |
| Maxim | DS28E02 (ISP)               | (138)         |
| Maxim | DS28E02 [TDFN6]             | (1554)        |
| Maxim | DS28E02 [TSOC6]             | (3336)        |
| Maxim | DS28E04-100 (ISP)           | (138)         |
| Maxim | DS28E04-100 [SOIC16]        | (44)          |
| Maxim | DS28E15 [TSOC6]             | (3336) (9999) |
| Maxim | DS28EA00 (ISP)              | (138)         |
| Maxim | DS28EA00 [uSOP8]            | (605)         |
| Maxim | DS28EC20 [TO-92]            |               |
| Maxim | DS28EC20 [TSOC6]            | (3336)        |
| Maxim | DS32B35 [SO20]              | (119)         |
| Maxim | DS32C35 [SO20]              | (119)         |
| Maxim | DS3508 [TSSOP20]            | (1089)        |
| Maxim | DS3902 [MSOP8]              | (605)         |
| Maxim | DS3903 (ISP)                | (138)         |
| Maxim | DS3903 [TSSOP20]            | (1089)        |
| Maxim | DS3904 (ISP)                | (138)         |
| Maxim | DS3904 [MSOP8]              | (605)         |
| Maxim | DS3905 (ISP)                | (138)         |
| Maxim | DS3905 [MSOP10]             | (984)         |
| Maxim | DS3906 [MSOP10]             | (984)         |
| Maxim | DS3930 (ISP)                | (138)         |
| Maxim | DS3930 [TSSOP20]            | (1089)        |
| Maxim | DS4520 [TSSOP16]            | (1088)        |
| Maxim | DS4550 [TSSOP20]            | (1089)        |
| Maxim | DS87C520                    |               |
| Maxim | DS87C520 [PLCC44]           | (67)          |
| Maxim | DS87C520 [TQFP44]           | (94)          |
| Maxim | DS87C530 [PLCC52]           | (76)          |
| Maxim | DS87C550 [PLCC68]           | (147)         |
| Maxim | DS89C420 rev. Ax            |               |
| Maxim | DS89C420 rev. Ax [PLCC44]   | (67)          |
| Maxim | DS89C420 rev. Ax [TQFP44]   | (94)          |
| Maxim | DS89C420 rev. B4->          |               |
| Maxim | DS89C420 rev. B4-> [PLCC44] | (67)          |
| Maxim | DS89C420 rev. B4-> [TQFP44] | (94)          |
| Maxim | DS89C430                    |               |
| Maxim | DS89C430 [PLCC44]           | (67)          |
| Maxim | DS89C430 [TQFP44]           | (94)          |
| Maxim | DS89C440                    |               |
| Maxim | DS89C440 [PLCC44]           | (67)          |
| Maxim | DS89C440 [TQFP44]           | (94)          |
| Maxim | DS89C450                    |               |
| Maxim | DS89C450 [PLCC44]           | (67)          |
| Maxim | DS89C450 [TQFP44]           | (94)          |
| Maxim | MAX16046 [TQFN56]           | (2325)        |
| Maxim | MAX16046 [TQFP64]           | (2853)        |
| Maxim | MAX16046A [TQFN56]          | (2325)        |
| Maxim | MAX16046A [TQFP64]          | (2853)        |
| Maxim | MAX16047 [TQFN56]           | (2325)        |
| Maxim | MAX16047A [TQFN56]          | (2325)        |
| Maxim | MAX16048 [TQFN56]           | (2325)        |
| Maxim | MAX16048 [TQFP64]           | (2853)        |
| Maxim | MAX16048A [TQFN56]          | (2325)        |
| Maxim | MAX16048A [TQFP64]          | (2853)        |

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|-------|------------------------------------------|---------------|
| Maxim | MAX16049 [TQFN56]                        | (2325)        |
| Maxim | MAX16049A [TQFN56]                       | (2325)        |
| Maxim | MAX16065 [TQFN48]                        | (2702)        |
| Maxim | MAX16070 [TQFN40]                        | (2701)        |
| Maxim | MAX34461AA00 [TQFN48]                    | (4680)        |
| Maxim | MAX34461ETM [TQFN48]                     | (4680)        |
| Maxim | MAX34463 [CSBGA100]                      | (4082)        |
| Maxim | MAX6870 [QFN32]                          | (1080)        |
| Maxim | MAX6871 [QFN32]                          | (1080)        |
| Maxim | MAX6872 [QFN32]                          | (1080)        |
| Maxim | MAX6873 [QFN32]                          | (1080)        |
| Maxim | MAX6874 [QFN32]                          | (1080)        |
| Maxim | MAX6875 [QFN32]                          | (1080)        |
| Maxim | MAX6876 [QFN36]                          | (1076)        |
| Maxim | MAX6889 [QFN32]                          | (221)         |
| Maxim | MAX6890 [QFN28]                          | (576)         |
| Maxim | MAX6891 [QFN20]                          | (1398)        |
| Maxim | MAX79356 [LQFP48]                        | (4204) (9999) |
| Maxim | MAX9665 [TQFN20]                         | (1398)        |
| Maxim | MAX9666 [TQFN20]                         | (1398)        |
| Maxim | MAX9667 [TQFN20]                         | (1398)        |
| Maxim | MAX9668 [QFN20]                          | (1398)        |
| Maxim | MAX9669 [QFN28]                          | (1245)        |
| Maxim | MAX9672 [TQFN28]                         | (1245)        |
| Maxim | MAX9673 [TQFN28]                         | (1245)        |
| Maxim | MAX9674 [TQFN28]                         | (1245)        |
| Maxim | MAX9696 [TQFN24]                         | (2815)        |
| Maxim | MAXQ610 (ISP-JTAG)                       | (138) (9997)  |
| Maxim | MAXQ610A [TQFN32]                        | (1446)        |
| Maxim | MAXQ610B [TQFN40]                        | (1426)        |
| Maxim | MAXQ610E [LQFP32]                        | (1497)        |
| Maxim | MAXQ610J [TQFN44]                        | (1445)        |
| Maxim | MAXQ610K [TQFP44]                        | (1424)        |
| Maxim | MAXQ612 (ISP-JTAG)                       | (138) (9997)  |
| Maxim | MAXQ612G [LQFP64]                        | (1498)        |
| Maxim | MAXQ612J [TQFN44]                        | (1444)        |
| Maxim | MAXQ613 (ISP-JTAG)                       | (138) (9997)  |
| Maxim | MAXQ613A [TQFN32]                        | (1446)        |
| Maxim | MAXQ613E [LQFP32]                        | (1497)        |
| Maxim | MAXQ613J [TQFN44]                        | (1445)        |
| Maxim | MAXQ613K [TQFP44]                        | (1424)        |
| Maxim | MAXQ618 (ISP-JTAG)                       | (138) (9997)  |
| Maxim | MAXQ618J [TQFN44]                        | (1444)        |
| Maxim | MAXQ622 (ISP-JTAG)                       | (138) (9997)  |
| Maxim | MAXQ622G [LQFP64]                        | (1498)        |
| Maxim | MAXQ636 (ISP-UART-UEI)                   | (138) (9999)  |
| Maxim | MAXQ636 (ISP-UART-UEI) (On BN41-021196A) | (138) (9999)  |
| Maxim | ZGP323HxH2004 [SSOP20]                   | (91)          |
| Maxim | ZGP323HxH2008 [SSOP20]                   | (91)          |
| Maxim | ZGP323HxH2016 [SSOP20]                   | (91)          |
| Maxim | ZGP323HxH2032 [SSOP20]                   | (91)          |
| Maxim | ZGP323HxH2804 [SSOP28]                   | (1103)        |
| Maxim | ZGP323HxH2808 [SSOP28]                   | (1103)        |
| Maxim | ZGP323HxH2816 [SSOP28]                   | (1103)        |
| Maxim | ZGP323HxH2832 [SSOP28]                   | (1103)        |
| Maxim | ZGP323HxH4804 [SSOP48]                   | (194)         |
| Maxim | ZGP323HxH4808 [SSOP48]                   | (194)         |
| Maxim | ZGP323HxH4816 [SSOP48]                   | (194)         |
| Maxim | ZGP323HxH4832 [SSOP48]                   | (194)         |
| Maxim | ZGP323HxK2032                            |               |
| Maxim | ZGP323HxK2832                            |               |
| Maxim | ZGP323HxK4032                            |               |
| Maxim | ZGP323HxP2004                            |               |
| Maxim | ZGP323HxP2008                            |               |
| Maxim | ZGP323HxP2016                            |               |
| Maxim | ZGP323HxP2032                            |               |
| Maxim | ZGP323HxP2804                            |               |
| Maxim | ZGP323HxP2808                            |               |
| Maxim | ZGP323HxP2816                            |               |
| Maxim | ZGP323HxP2832                            |               |
| Maxim | ZGP323HxP4004                            |               |
| Maxim | ZGP323HxP4008                            |               |
| Maxim | ZGP323HxP4016                            |               |
| Maxim | ZGP323HxP4032                            |               |
| Maxim | ZGP323HxS2004 [SOIC20]                   | (119)         |
| Maxim | ZGP323HxS2008 [SOIC20]                   | (119)         |
| Maxim | ZGP323HxS2016 [SOIC20]                   | (119)         |
| Maxim | ZGP323HxS2032 [SOIC20]                   | (119)         |
| Maxim | ZGP323HxS2804 [SOIC28]                   | (51)          |
| Maxim | ZGP323HxS2808 [SOIC28]                   | (51)          |
| Maxim | ZGP323HxS2816 [SOIC28]                   | (51)          |
| Maxim | ZGP323HxS2832 [SOIC28]                   | (51)          |
| Maxim | ZLF645x0H2032 [SSOP20]                   | (91)          |
| Maxim | ZLF645x0H2064 [SSOP20]                   | (91)          |
| Maxim | ZLF645x0H2832 [SSOP28]                   | (1103)        |
| Maxim | ZLF645x0H2864 [SSOP28]                   | (1103)        |
| Maxim | ZLF645x0H4832 [SSOP48]                   | (194)         |
| Maxim | ZLF645x0H4864 [SSOP48]                   | (194)         |
| Maxim | ZLF645x0P2032                            |               |
| Maxim | ZLF645x0P2064                            |               |
| Maxim | ZLF645x0P2832                            |               |
| Maxim | ZLF645x0P2864                            |               |
| Maxim | ZLF645x0Q2032 [QFN20]                    | (1398)        |
| Maxim | ZLF645x0Q2064 [QFN20]                    | (1398)        |
| Maxim | ZLF645x0S2032 [SOIC20]                   | (119)         |
| Maxim | ZLF645x0S2064 [SOIC20]                   | (119)         |
| Maxim | ZLF645x0S2832 [SOIC28]                   | (51)          |
| Maxim | ZLF645x0S2864 [SOIC28]                   | (51)          |
| Maxim | ZLP12840H2028 [SSOP20]                   | (91)          |
| Maxim | ZLP12840H2032 [SSOP20]                   | (91)          |
| Maxim | ZLP12840H2064 [SSOP20]                   | (91)          |
| Maxim | ZLP12840H2096 [SSOP20]                   | (91)          |
| Maxim | ZLP12840H2828 [SSOP28]                   | (1103)        |
| Maxim | ZLP12840H2832 [SSOP28]                   | (1103)        |
| Maxim | ZLP12840H2864 [SSOP28]                   | (1103)        |
| Maxim | ZLP12840H2896 [SSOP28]                   | (1103)        |
| Maxim | ZLP12840P2028                            |               |
| Maxim | ZLP12840P2032                            |               |
| Maxim | ZLP12840P2064                            |               |
| Maxim | ZLP12840P2096                            |               |
| Maxim | ZLP12840P2828                            |               |
| Maxim | ZLP12840P2832                            |               |
| Maxim | ZLP12840P2864                            |               |
| Maxim | ZLP12840P2896                            |               |
| Maxim | ZLP12840S2028 [SOIC20]                   | (119)         |
| Maxim | ZLP12840S2032 [SOIC20]                   | (119)         |
| Maxim | ZLP12840S2064 [SOIC20]                   | (119)         |
| Maxim | ZLP12840S2096 [SOIC20]                   | (119)         |
| Maxim | ZLP12840S2828 [SOIC28]                   | (51)          |
| Maxim | ZLP12840S2832 [SOIC28]                   | (51)          |
| Maxim | ZLP12840S2864 [SOIC28]                   | (51)          |
| Maxim | ZLP12840S2896 [SOIC28]                   | (51)          |
| Maxim | ZLP32300H2004 [SSOP20]                   | (91)          |
| Maxim | ZLP32300H2008 [SSOP20]                   | (91)          |
| Maxim | ZLP32300H2016 [SSOP20]                   | (91)          |
| Maxim | ZLP32300H2032 [SSOP20]                   | (91)          |
| Maxim | ZLP32300H2804 [SSOP28]                   | (1103)        |
| Maxim | ZLP32300H2808 [SSOP28]                   | (1103)        |

|           |               |          |        |
|-----------|---------------|----------|--------|
| Maxim     | ZLP32300H2816 | [SSOP28] | (1103) |
| Maxim     | ZLP32300H2832 | [SSOP28] | (1103) |
| Maxim     | ZLP32300H4804 | [SSOP48] | (194)  |
| Maxim     | ZLP32300H4808 | [SSOP48] | (194)  |
| Maxim     | ZLP32300H4816 | [SSOP48] | (194)  |
| Maxim     | ZLP32300H4832 | [SSOP48] | (194)  |
| Maxim     | ZLP32300P2004 |          |        |
| Maxim     | ZLP32300P2008 |          |        |
| Maxim     | ZLP32300P2016 |          |        |
| Maxim     | ZLP32300P2032 |          |        |
| Maxim     | ZLP32300P2804 |          |        |
| Maxim     | ZLP32300P2808 |          |        |
| Maxim     | ZLP32300P2816 |          |        |
| Maxim     | ZLP32300P2832 |          |        |
| Maxim     | ZLP32300P4004 |          |        |
| Maxim     | ZLP32300P4008 |          |        |
| Maxim     | ZLP32300P4016 |          |        |
| Maxim     | ZLP32300P4032 |          |        |
| Maxim     | ZLP32300S2004 | [SOIC20] | (119)  |
| Maxim     | ZLP32300S2008 | [SOIC20] | (119)  |
| Maxim     | ZLP32300S2016 | [SOIC20] | (119)  |
| Maxim     | ZLP32300S2032 | [SOIC20] | (119)  |
| Maxim     | ZLP32300S2804 | [SOIC28] | (51)   |
| Maxim     | ZLP32300S2808 | [SOIC28] | (51)   |
| Maxim     | ZLP32300S2816 | [SOIC28] | (51)   |
| Maxim     | ZLP32300S2832 | [SOIC28] | (51)   |
| Maxlinear | XR77128       | [TQFN44] | (2997) |
| Maxlinear | XR77129       | [TQFN44] | (2997) |
| Maxlinear | XRP7704       | [TQFN40] | (2283) |
| Maxlinear | XRP7713       | [TQFN32] | (2663) |
| Maxlinear | XRP7714       | [TQFN40] | (2283) |
| Maxlinear | XRP7724       | [TQFN44] | (2997) |
| Maxlinear | XRP7725       | [TQFN44] | (2997) |
| Maxlinear | XRP7740       | [TQFN40] | (2283) |
| Maxlinear | XRP9710       | [LGA45]  | (3433) |
| Maxlinear | XRP9711       | [LGA45]  | (3433) |
| MCS Logic | MLC1043       |          |        |
| MCS Logic | MLC1043       | [SOP24]  | (1062) |
| MCS Logic | MLC1081       | [LQFP80] | (945)  |
| MDT       | MDTI0P05      |          |        |
| MDT       | MDTI0P05      | [SOP18]  | (1061) |
| MDT       | MDTI0P05      | [SSOP20] | (91)   |
| MDT       | MDTI0P10      |          |        |
| MDT       | MDTI0P10      | [SOP18]  | (1061) |
| MDT       | MDTI0P10      | [SSOP20] | (91)   |
| MDT       | MDTI0P20      |          |        |
| MDT       | MDTI0P20      | [SOP28]  | (51)   |
| MDT       | MDTI0P20      | [SSOP28] | (1103) |
| MDT       | MDTI0P21      | [DIP18]  |        |
| MDT       | MDTI0P21      | [DIP20]  |        |
| MDT       | MDTI0P21      | [DIP22]  |        |
| MDT       | MDTI0P21      | [DIP24]  |        |
| MDT       | MDTI0P21      | [SOP18]  | (1061) |
| MDT       | MDTI0P21      | [SOP20]  | (119)  |
| MDT       | MDTI0P21      | [SOP24]  | (1062) |
| MDT       | MDTI0P22      | [DIP18]  |        |
| MDT       | MDTI0P22      | [DIP20]  |        |
| MDT       | MDTI0P22      | [DIP22]  |        |
| MDT       | MDTI0P22      | [SOP18]  | (1061) |
| MDT       | MDTI0P22      | [SOP20]  | (119)  |
| MDT       | MDTI0P22      | [SOP24]  | (1062) |
| MDT       | MDTI0P23      | [DIP18]  |        |
| MDT       | MDTI0P23      | [DIP20]  |        |
| MDT       | MDTI0P23      | [DIP22]  |        |
| MDT       | MDTI0P23      | [SOP18]  | (1061) |
| MDT       | MDTI0P23      | [SOP20]  | (119)  |
| MDT       | MDTI0P23      | [SOP24]  | (1062) |
| MDT       | MDTI0P41A1    |          |        |
| MDT       | MDTI0P41A1    | (ISP)    | (138)  |
| MDT       | MDTI0P41A1    | [SOP16]  | (1060) |
| MDT       | MDTI0P41A2    |          |        |
| MDT       | MDTI0P41A2    | (ISP)    | (138)  |
| MDT       | MDTI0P41A2    | [SOP16]  | (1060) |
| MDT       | MDTI0P43      | (ISP)    | (138)  |
| MDT       | MDTI0P43      | [DIP18]  |        |
| MDT       | MDTI0P43      | [DIP20]  |        |
| MDT       | MDTI0P43      | [SOP18]  | (1061) |
| MDT       | MDTI0P43      | [SOP20]  | (119)  |
| MDT       | MDTI0P55A     | (ISP)    | (138)  |
| MDT       | MDTI0P55A1    |          |        |
| MDT       | MDTI0P55A1    | [SOP14]  | (951)  |
| MDT       | MDTI0P55A2    |          |        |
| MDT       | MDTI0P55A2    | [SOP14]  | (951)  |
| MDT       | MDTI0P55A3    |          |        |
| MDT       | MDTI0P55A3    | [SOP14]  | (951)  |
| MDT       | MDTI0P55A4    |          |        |
| MDT       | MDTI0P55A4    | [SOP14]  | (951)  |
| MDT       | MDTI0P55B     | (ISP)    | (138)  |
| MDT       | MDTI0P55B1    |          |        |
| MDT       | MDTI0P55B1    | [SOP14]  | (951)  |
| MDT       | MDTI0P55B2    |          |        |
| MDT       | MDTI0P55B2    | [SOP14]  | (951)  |
| MDT       | MDTI0P55B3    |          |        |
| MDT       | MDTI0P55B3    | [SOP14]  | (951)  |
| MDT       | MDTI0P55B4    |          |        |
| MDT       | MDTI0P55B4    | [SOP14]  | (951)  |
| MDT       | MDTI0P56      | (ISP)    | (138)  |
| MDT       | MDTI0P56A1    |          |        |
| MDT       | MDTI0P56A1    | [SOP18]  | (1061) |
| MDT       | MDTI0P56A2    |          |        |
| MDT       | MDTI0P56A2    | [SOP18]  | (1061) |
| MDT       | MDTI0P56A3    |          |        |
| MDT       | MDTI0P56A3    | [SOP18]  | (1061) |
| MDT       | MDTI0P56A4    |          |        |
| MDT       | MDTI0P56A4    | [SOP18]  | (1061) |
| MDT       | MDTI0P61      |          |        |
| MDT       | MDTI0P61      | [SOP18]  | (1061) |
| MDT       | MDTI0P61      | [SSOP20] | (91)   |
| MDT       | MDTI0P62      |          |        |
| MDT       | MDTI0P62      | (ISP)    | (138)  |
| MDT       | MDTI0P62      | [SOP28]  | (51)   |
| MDT       | MDTI0P62      | [SSOP28] | (1103) |
| MDT       | MDTI0P621     |          |        |
| MDT       | MDTI0P621     | (ISP)    | (138)  |
| MDT       | MDTI0P621     | [SOP28]  | (51)   |
| MDT       | MDTI0P621     | [SSOP28] | (1103) |
| MDT       | MDTI0P64      |          |        |
| MDT       | MDTI0P64      | (ISP)    | (138)  |
| MDT       | MDTI0P64      | [PLCC44] | (67)   |
| MDT       | MDTI0P64      | [QFP44]  | (108)  |
| MDT       | MDTI0P65      | (ISP)    | (138)  |
| MDT       | MDTI0P65      | [DIP18]  |        |
| MDT       | MDTI0P65      | [DIP42]  |        |
| MDT       | MDTI0P65      | [SDIP42] | (164)  |
| MDT       | MDTI0P65      | [SOP18]  | (1061) |
| MDT       | MDTI0P651     |          |        |
| MDT       | MDTI0P651     | (ISP)    | (138)  |
| MDT       | MDTI0P651     | [PLCC44] | (67)   |

|         |                      |             |
|---------|----------------------|-------------|
| MDT     | MDT10P651 [QFP44]    | (108)       |
| MDT     | MDT10P65A1 [QFP44]   | (108)       |
| MDT     | MDT10P65A2 [QFP44]   | (108)       |
| MDT     | MDT10P72             |             |
| MDT     | MDT10P72 (ISP)       | (138)       |
| MDT     | MDT10P72 [SOP28]     | (51)        |
| MDT     | MDT10P72 [SSOP28]    | (1103)      |
| MDT     | MDT10P721            |             |
| MDT     | MDT10P721 (ISP)      | (138)       |
| MDT     | MDT10P721 [SOP28]    | (51)        |
| MDT     | MDT10P721 [SSOP28]   | (1103)      |
| MDT     | MDT10P73             |             |
| MDT     | MDT10P73 (ISP)       | (138)       |
| MDT     | MDT10P73 [SOP28]     | (51)        |
| MDT     | MDT10P73 [SSOP28]    | (1103)      |
| MDT     | MDT10P74             |             |
| MDT     | MDT10P74 (ISP)       | (138)       |
| MDT     | MDT10P74 [PLCC44]    | (67)        |
| MDT     | MDT10P74 [QFP44]     | (108)       |
| MDT     | MDT2005              |             |
| MDT     | MDT2005 [SOP18]      | (1061)      |
| MDT     | MDT2005 [SSOP20]     | (91)        |
| MDT     | MDT2010              |             |
| MDT     | MDT2010 [SOP18]      | (1061)      |
| MDT     | MDT2010 [SSOP20]     | (91)        |
| MDT     | MDT2020              |             |
| MDT     | MDT2020 [SOP28]      | (51)        |
| MDT     | MDT2020 [SSOP28]     | (1103)      |
| MDT     | MDT2030              |             |
| MDT     | MDT2030 [SOP18]      | (1061)      |
| MDT     | MDT2030 [SSOP20]     | (91)        |
| MDT     | MDT2050              |             |
| MDT     | MDT2050 [SOP18]      | (1061)      |
| MDT     | MDT2050 [SSOP20]     | (91)        |
| MDT     | MDT2051              |             |
| MDT     | MDT2051 [SOP18]      | (1061)      |
| MDT     | MDT2051 [SSOP20]     | (91)        |
| MDT     | MDT2060              |             |
| MDT     | MDT2060 [SOP18]      | (1061)      |
| MDT     | MDT2060 [SSOP20]     | (91)        |
| Megawin | MG87FE2051A [PDIP16] |             |
| Megawin | MG87FE2051A [PDIP18] |             |
| Megawin | MG87FE2051A [PDIP20] |             |
| Megawin | MG87FE2051A [SOP16]  | (1060)      |
| Megawin | MG87FE2051A [SOP18]  | (1061)      |
| Megawin | MG87FE2051A [SOP20]  | (119)       |
| Megawin | MG87FE4051A [PDIP16] |             |
| Megawin | MG87FE4051A [PDIP18] |             |
| Megawin | MG87FE4051A [PDIP20] |             |
| Megawin | MG87FE4051A [SOP16]  | (1060)      |
| Megawin | MG87FE4051A [SOP18]  | (1061)      |
| Megawin | MG87FE4051A [SOP20]  | (119)       |
| Megawin | MG87FE6051A [PDIP16] |             |
| Megawin | MG87FE6051A [PDIP18] |             |
| Megawin | MG87FE6051A [PDIP20] |             |
| Megawin | MG87FE6051A [SOP16]  | (1060)      |
| Megawin | MG87FE6051A [SOP18]  | (1061)      |
| Megawin | MG87FE6051A [SOP20]  | (119)       |
| Megawin | MG87FL2051A [PDIP16] |             |
| Megawin | MG87FL2051A [PDIP18] |             |
| Megawin | MG87FL2051A [PDIP20] |             |
| Megawin | MG87FL2051A [SOP16]  | (1060)      |
| Megawin | MG87FL2051A [SOP18]  | (1061)      |
| Megawin | MG87FL2051A [SOP20]  | (119)       |
| Megawin | MG87FL4051A [PDIP16] |             |
| Megawin | MG87FL4051A [PDIP18] |             |
| Megawin | MG87FL4051A [PDIP20] |             |
| Megawin | MG87FL4051A [SOP16]  | (1060)      |
| Megawin | MG87FL4051A [SOP18]  | (1061)      |
| Megawin | MG87FL4051A [SOP20]  | (119)       |
| Megawin | MG87FL6051A [PDIP16] |             |
| Megawin | MG87FL6051A [PDIP18] |             |
| Megawin | MG87FL6051A [PDIP20] |             |
| Megawin | MG87FL6051A [SOP16]  | (1060)      |
| Megawin | MG87FL6051A [SOP18]  | (1061)      |
| Megawin | MG87FL6051A [SOP20]  | (119)       |
| Megawin | MM25S8512 (ISP)      | (138)       |
| Megawin | MM25S8512 [S08]      | (3095) (*1) |
| Megawin | MM29F040             |             |
| Megawin | MM29F040 [PLCC32]    | (1384)      |
| Megawin | MM29F040 [TSOP32]    | (1381)      |
| Megawin | MM29LF040            |             |
| Megawin | MM29LF040 [PLCC32]   | (1384)      |
| Megawin | MM29LF040 [TSOP32]   | (1381)      |
| Megawin | MPC82E52A [DIP20]    |             |
| Megawin | MPC82E52A [SOP20]    | (119)       |
| Megawin | MPC82E52A [TSSOP20]  | (1089)      |
| Megawin | MPC82E54A [DIP20]    |             |
| Megawin | MPC82E54A [DIP28]    |             |
| Megawin | MPC82E54A [LQFP32]   | (159)       |
| Megawin | MPC82E54A [PLCC32]   | (59)        |
| Megawin | MPC82E54A [SOP20]    | (119)       |
| Megawin | MPC82E54A [SOP28]    | (51)        |
| Megawin | MPC82E54A [SSOP28]   | (1103)      |
| Megawin | MPC82E54A [TSSOP20]  | (1089)      |
| Megawin | MPC82E54A [TSSOP28]  | (172)       |
| Megawin | MPC82G516A           |             |
| Megawin | MPC82G516A [LQFP48]  | (174)       |
| Megawin | MPC82G516A [PLCC44]  | (67)        |
| Megawin | MPC82G516A [PQFP44]  | (108)       |
| Megawin | MPC82L52A [DIP20]    |             |
| Megawin | MPC82L52A [SOP20]    | (119)       |
| Megawin | MPC82L52A [TSSOP20]  | (1089)      |
| Megawin | MPC82L54A [DIP20]    |             |
| Megawin | MPC82L54A [DIP28]    |             |
| Megawin | MPC82L54A [LQFP32]   | (159)       |
| Megawin | MPC82L54A [PLCC32]   | (59)        |
| Megawin | MPC82L54A [SOP20]    | (119)       |
| Megawin | MPC82L54A [SOP28]    | (51)        |
| Megawin | MPC82L54A [SSOP28]   | (1103)      |
| Megawin | MPC82L54A [TSSOP20]  | (1089)      |
| Megawin | MPC82L54A [TSSOP28]  | (172)       |
| Megawin | MPC89E515A           |             |
| Megawin | MPC89E515A [LQFP44]  | (94)        |
| Megawin | MPC89E515A [PLCC44]  | (67)        |
| Megawin | MPC89E515A [PQFP44]  | (108)       |
| Megawin | MPC89E51A            |             |
| Megawin | MPC89E51A [LQFP44]   | (94)        |
| Megawin | MPC89E51A [PLCC44]   | (67)        |
| Megawin | MPC89E51A [PQFP44]   | (108)       |
| Megawin | MPC89E52A            |             |
| Megawin | MPC89E52A [LQFP44]   | (94)        |
| Megawin | MPC89E52A [PLCC44]   | (67)        |
| Megawin | MPC89E52A [PQFP44]   | (108)       |
| Megawin | MPC89E53A            |             |
| Megawin | MPC89E53A [LQFP44]   | (94)        |
| Megawin | MPC89E53A [PLCC44]   | (67)        |
| Megawin | MPC89E53A [PQFP44]   | (108)       |

|           |               |                |        |
|-----------|---------------|----------------|--------|
| Megawin   | MPC89E54A     |                |        |
| Megawin   | MPC89E54A     | [LQFP44]       | (94)   |
| Megawin   | MPC89E54A     | [PLCC44]       | (67)   |
| Megawin   | MPC89E54A     | [PQFP44]       | (108)  |
| Megawin   | MPC89E58A     |                |        |
| Megawin   | MPC89E58A     | [LQFP44]       | (94)   |
| Megawin   | MPC89E58A     | [PLCC44]       | (67)   |
| Megawin   | MPC89E58A     | [PQFP44]       | (108)  |
| Megawin   | MPC89L515A    |                |        |
| Megawin   | MPC89L515A    | [LQFP44]       | (94)   |
| Megawin   | MPC89L515A    | [PLCC44]       | (67)   |
| Megawin   | MPC89L515A    | [PQFP44]       | (108)  |
| Megawin   | MPC89L51A     |                |        |
| Megawin   | MPC89L51A     | [LQFP44]       | (94)   |
| Megawin   | MPC89L51A     | [PLCC44]       | (67)   |
| Megawin   | MPC89L51A     | [PQFP44]       | (108)  |
| Megawin   | MPC89L52A     |                |        |
| Megawin   | MPC89L52A     | [LQFP44]       | (94)   |
| Megawin   | MPC89L52A     | [PLCC44]       | (67)   |
| Megawin   | MPC89L52A     | [PQFP44]       | (108)  |
| Megawin   | MPC89L53A     |                |        |
| Megawin   | MPC89L53A     | [LQFP44]       | (94)   |
| Megawin   | MPC89L53A     | [PLCC44]       | (67)   |
| Megawin   | MPC89L53A     | [PQFP44]       | (108)  |
| Megawin   | MPC89L54A     |                |        |
| Megawin   | MPC89L54A     | [LQFP44]       | (94)   |
| Megawin   | MPC89L54A     | [PLCC44]       | (67)   |
| Megawin   | MPC89L54A     | [PQFP44]       | (108)  |
| Megawin   | MPC89L58A     |                |        |
| Megawin   | MPC89L58A     | [LQFP44]       | (94)   |
| Megawin   | MPC89L58A     | [PLCC44]       | (67)   |
| Megawin   | MPC89L58A     | [PQFP44]       | (108)  |
| Melexis   | MLX81108      | [SOIC8]        | (4743) |
| Melexis   | MLX81115      | [DFN12]        | (4749) |
| MemoCom   | KI01604AB     | [TFBGA58]      | (900)  |
| MemoCom   | KI01604AB     | [TFBGA66]      | (901)  |
| MemoCom   | KI01604AT     | [TFBGA58]      | (900)  |
| MemoCom   | KI01604AT     | [TFBGA66]      | (901)  |
| MemoCom   | KI01608AB     | [TFBGA58]      | (900)  |
| MemoCom   | KI01608AB     | [TFBGA66]      | (901)  |
| MemoCom   | KI01608AT     | [TFBGA58]      | (900)  |
| MemoCom   | KI01608AT     | [TFBGA66]      | (901)  |
| MemoCom   | KI03204AB     | [TFBGA58]      | (900)  |
| MemoCom   | KI03204AB     | [TFBGA66]      | (901)  |
| MemoCom   | KI03204AT     | [TFBGA58]      | (900)  |
| MemoCom   | KI03204AT     | [TFBGA66]      | (901)  |
| MemoCom   | KI03208AB     | [TFBGA58]      | (900)  |
| MemoCom   | KI03208AB     | [TFBGA66]      | (901)  |
| MemoCom   | KI03208AT     | [TFBGA58]      | (900)  |
| MemoCom   | KI03208AT     | [TFBGA66]      | (901)  |
| MemoCom   | KIP6432FT-Ha1 | [BGA88]        | (802)  |
| MemoCom   | KIX2832DU-Hy1 | [BGA56]        | (1240) |
| MemoCom   | KIX2832DU-Hy1 | [BGA56] (BEFP) | (1240) |
| MemoCom   | KS01604AB     | [TFBGA56]      | (570)  |
| MemoCom   | KS01604AT     | [TFBGA56]      | (570)  |
| MemoCom   | KS01608AB     | [TFBGA56]      | (570)  |
| MemoCom   | KS01608AT     | [TFBGA56]      | (570)  |
| MemoCom   | KS03204AB     | [TFBGA56]      | (570)  |
| MemoCom   | KS03204AT     | [TFBGA56]      | (570)  |
| MemoCom   | KS03208AB     | [TFBGA56]      | (570)  |
| MemoCom   | KS03208AT     | [TFBGA56]      | (570)  |
| MemoCom   | KS03216AB     | [TFBGA56]      | (570)  |
| MemoCom   | KS03216AT     | [TFBGA56]      | (570)  |
| MemoCom   | KS06416AB     | [TFBGA56]      | (570)  |
| MemoCom   | KS06416AT     | [TFBGA56]      | (570)  |
| MemoCom   | KSP2832       | [TFBGA64]      | (692)  |
| MemoCom   | KSP2864       | [TFBGA64]      | (692)  |
| MemoCom   | KSP6432AB-Fh1 | [TFBGA56]      | (570)  |
| MemoCom   | KSP6432AB-Hh1 | [TFBGA56]      | (570)  |
| MemoCom   | KSP6432AT-Fh1 | [TFBGA56]      | (570)  |
| MemoCom   | KSP6432AT-Hh1 | [TFBGA56]      | (570)  |
| Microchip | 11AA010       |                |        |
| Microchip | 11AA010       | (ISP)          | (138)  |
| Microchip | 11AA010       | [MSOP8]        | (605)  |
| Microchip | 11AA010       | [SOIC8]        | (950)  |
| Microchip | 11AA010       | [SOT23-3]      | (1257) |
| Microchip | 11AA010       | [TDFN8]        | (2995) |
| Microchip | 11AA010       | [TO-92]        |        |
| Microchip | 11AA020       |                |        |
| Microchip | 11AA020       | (ISP)          | (138)  |
| Microchip | 11AA020       | [MSOP8]        | (605)  |
| Microchip | 11AA020       | [SOIC8]        | (950)  |
| Microchip | 11AA020       | [SOT23-3]      | (1257) |
| Microchip | 11AA020       | [TDFN8]        | (2995) |
| Microchip | 11AA020       | [TO-92]        |        |
| Microchip | 11AA02E48     | (ISP)          | (138)  |
| Microchip | 11AA02E48     | [SOIC8]        | (950)  |
| Microchip | 11AA02E48     | [SOT23-3]      | (1257) |
| Microchip | 11AA02E64     | (ISP)          | (138)  |
| Microchip | 11AA02E64     | [SOIC8]        | (950)  |
| Microchip | 11AA02E64     | [SOT23-3]      | (1257) |
| Microchip | 11AA02UID     | (ISP)          | (138)  |
| Microchip | 11AA02UID     | [SOIC8]        | (950)  |
| Microchip | 11AA02UID     | [SOT23-3]      | (1257) |
| Microchip | 11AA040       |                |        |
| Microchip | 11AA040       | (ISP)          | (138)  |
| Microchip | 11AA040       | [MSOP8]        | (605)  |
| Microchip | 11AA040       | [SOIC8]        | (950)  |
| Microchip | 11AA040       | [SOT23-3]      | (1257) |
| Microchip | 11AA040       | [TDFN8]        | (2995) |
| Microchip | 11AA040       | [TO-92]        |        |
| Microchip | 11AA080       |                |        |
| Microchip | 11AA080       | (ISP)          | (138)  |
| Microchip | 11AA080       | [MSOP8]        | (605)  |
| Microchip | 11AA080       | [SOIC8]        | (950)  |
| Microchip | 11AA080       | [SOT23-3]      | (1257) |
| Microchip | 11AA080       | [TDFN8]        | (2995) |
| Microchip | 11AA080       | [TO-92]        |        |
| Microchip | 11AA160       |                |        |
| Microchip | 11AA160       | (ISP)          | (138)  |
| Microchip | 11AA160       | [MSOP8]        | (605)  |
| Microchip | 11AA160       | [SOIC8]        | (950)  |
| Microchip | 11AA160       | [SOT23-3]      | (1257) |
| Microchip | 11AA160       | [TDFN8]        | (2995) |
| Microchip | 11AA160       | [TO-92]        |        |
| Microchip | 11AA161       |                |        |
| Microchip | 11AA161       | (ISP)          | (138)  |
| Microchip | 11AA161       | [MSOP8]        | (605)  |
| Microchip | 11AA161       | [SOIC8]        | (950)  |
| Microchip | 11AA161       | [SOT23-3]      | (1257) |
| Microchip | 11AA161       | [TDFN8]        | (2995) |
| Microchip | 11AA161       | [TO-92]        |        |
| Microchip | 11LC010       |                |        |
| Microchip | 11LC010       | (ISP)          | (138)  |
| Microchip | 11LC010       | [MSOP8]        | (605)  |
| Microchip | 11LC010       | [SOIC8]        | (950)  |
| Microchip | 11LC010       | [SOT23-3]      | (1257) |
| Microchip | 11LC010       | [TDFN8]        | (2995) |

|           |            |           |        |
|-----------|------------|-----------|--------|
| Microchip | 11LC010    | [TO-92]   |        |
| Microchip | 11LC020    |           |        |
| Microchip | 11LC020    | (ISP)     | (138)  |
| Microchip | 11LC020    | [MSOP8]   | (605)  |
| Microchip | 11LC020    | [SOIC8]   | (950)  |
| Microchip | 11LC020    | [SOT23-3] | (1257) |
| Microchip | 11LC020    | [TDFN8]   | (2995) |
| Microchip | 11LC020    | [TO-92]   |        |
| Microchip | 11LC040    |           |        |
| Microchip | 11LC040    | (ISP)     | (138)  |
| Microchip | 11LC040    | [MSOP8]   | (605)  |
| Microchip | 11LC040    | [SOIC8]   | (950)  |
| Microchip | 11LC040    | [SOT23-3] | (1257) |
| Microchip | 11LC040    | [TDFN8]   | (2995) |
| Microchip | 11LC040    | [TO-92]   |        |
| Microchip | 11LC080    |           |        |
| Microchip | 11LC080    | (ISP)     | (138)  |
| Microchip | 11LC080    | [MSOP8]   | (605)  |
| Microchip | 11LC080    | [SOIC8]   | (950)  |
| Microchip | 11LC080    | [SOT23-3] | (1257) |
| Microchip | 11LC080    | [TDFN8]   | (2995) |
| Microchip | 11LC080    | [TO-92]   |        |
| Microchip | 11LC160    |           |        |
| Microchip | 11LC160    | (ISP)     | (138)  |
| Microchip | 11LC160    | [MSOP8]   | (605)  |
| Microchip | 11LC160    | [SOIC8]   | (950)  |
| Microchip | 11LC160    | [SOT23-3] | (1257) |
| Microchip | 11LC160    | [TDFN8]   | (2995) |
| Microchip | 11LC160    | [TO-92]   |        |
| Microchip | 11LC161    |           |        |
| Microchip | 11LC161    | (ISP)     | (138)  |
| Microchip | 11LC161    | [MSOP8]   | (605)  |
| Microchip | 11LC161    | [SOIC8]   | (950)  |
| Microchip | 11LC161    | [SOT23-3] | (1257) |
| Microchip | 11LC161    | [TDFN8]   | (2995) |
| Microchip | 11LC161    | [TO-92]   |        |
| Microchip | 24AA00     |           |        |
| Microchip | 24AA00     | (ISP)     | (138)  |
| Microchip | 24AA00     | [DFN8]    | (2995) |
| Microchip | 24AA00     | [SOIC8]   | (950)  |
| Microchip | 24AA00     | [SOT23-5] | (523)  |
| Microchip | 24AA00     | [TDFN8]   | (2995) |
| Microchip | 24AA00     | [TSSOP8]  | (121)  |
| Microchip | 24AA01     |           |        |
| Microchip | 24AA01     | (ISP)     | (138)  |
| Microchip | 24AA01     | [DFN8]    | (2995) |
| Microchip | 24AA01     | [MSOP8]   | (605)  |
| Microchip | 24AA01     | [SOIC8]   | (950)  |
| Microchip | 24AA01     | [SOT23-5] | (523)  |
| Microchip | 24AA01     | [TDFN8]   | (2995) |
| Microchip | 24AA01     | [TSSOP8]  | (121)  |
| Microchip | 24AA014    |           |        |
| Microchip | 24AA014    | (ISP)     | (138)  |
| Microchip | 24AA014    | [DFN8]    | (2995) |
| Microchip | 24AA014    | [MSOP8]   | (605)  |
| Microchip | 24AA014    | [SOIC8]   | (950)  |
| Microchip | 24AA014    | [SOT23-6] | (523)  |
| Microchip | 24AA014    | [TDFN8]   | (2995) |
| Microchip | 24AA014    | [TSSOP8]  | (121)  |
| Microchip | 24AA014H   |           |        |
| Microchip | 24AA014H   | (ISP)     | (138)  |
| Microchip | 24AA014H   | [MSOP8]   | (605)  |
| Microchip | 24AA014H   | [SOIC8]   | (950)  |
| Microchip | 24AA014H   | [TDFN8]   | (2995) |
| Microchip | 24AA014H   | [TSSOP8]  | (121)  |
| Microchip | 24AA01H    |           |        |
| Microchip | 24AA01H    | (ISP)     | (138)  |
| Microchip | 24AA01H    | [MSOP8]   | (605)  |
| Microchip | 24AA01H    | [SOIC8]   | (950)  |
| Microchip | 24AA01H    | [SOT23-5] | (523)  |
| Microchip | 24AA01H    | [TDFN8]   | (2995) |
| Microchip | 24AA01H    | [TSSOP8]  | (121)  |
| Microchip | 24AA02     |           |        |
| Microchip | 24AA02     | (ISP)     | (138)  |
| Microchip | 24AA02     | [DFN8]    | (2995) |
| Microchip | 24AA02     | [MSOP8]   | (605)  |
| Microchip | 24AA02     | [SOIC8]   | (950)  |
| Microchip | 24AA02     | [SOT23-5] | (523)  |
| Microchip | 24AA02     | [TDFN8]   | (2995) |
| Microchip | 24AA02     | [TSSOP8]  | (121)  |
| Microchip | 24AA024    |           |        |
| Microchip | 24AA024    | (ISP)     | (138)  |
| Microchip | 24AA024    | [DFN8]    | (2995) |
| Microchip | 24AA024    | [MSOP8]   | (605)  |
| Microchip | 24AA024    | [SOIC8]   | (950)  |
| Microchip | 24AA024    | [SOT23-6] | (523)  |
| Microchip | 24AA024    | [TDFN8]   | (2995) |
| Microchip | 24AA024    | [TSSOP8]  | (121)  |
| Microchip | 24AA024H   |           |        |
| Microchip | 24AA024H   | (ISP)     | (138)  |
| Microchip | 24AA024H   | [MSOP8]   | (605)  |
| Microchip | 24AA024H   | [SOIC8]   | (950)  |
| Microchip | 24AA024H   | [TDFN8]   | (2995) |
| Microchip | 24AA024H   | [TSSOP8]  | (121)  |
| Microchip | 24AA025    |           |        |
| Microchip | 24AA025    | (ISP)     | (138)  |
| Microchip | 24AA025    | [DFN8]    | (2995) |
| Microchip | 24AA025    | [MSOP8]   | (605)  |
| Microchip | 24AA025    | [SOIC8]   | (950)  |
| Microchip | 24AA025    | [SOT23-6] | (523)  |
| Microchip | 24AA025    | [TDFN8]   | (2995) |
| Microchip | 24AA025    | [TSSOP8]  | (121)  |
| Microchip | 24AA025E48 | (ISP)     | (138)  |
| Microchip | 24AA025E48 | [SOIC8]   | (950)  |
| Microchip | 24AA025E48 | [SOT23-6] | (523)  |
| Microchip | 24AA025E64 | (ISP)     | (138)  |
| Microchip | 24AA025E64 | [SOIC8]   | (950)  |
| Microchip | 24AA025E64 | [SOT23-6] | (523)  |
| Microchip | 24AA025UID |           |        |
| Microchip | 24AA025UID | (ISP)     | (138)  |
| Microchip | 24AA025UID | [SOIC8]   | (950)  |
| Microchip | 24AA025UID | [SOT23-6] | (523)  |
| Microchip | 24AA02E48  | (ISP)     | (138)  |
| Microchip | 24AA02E48  | [SOIC8]   | (950)  |
| Microchip | 24AA02E48  | [SOT23-5] | (523)  |
| Microchip | 24AA02E64  | (ISP)     | (138)  |
| Microchip | 24AA02E64  | [SOIC8]   | (950)  |
| Microchip | 24AA02E64  | [SOT23-5] | (523)  |
| Microchip | 24AA02H    |           |        |
| Microchip | 24AA02H    | (ISP)     | (138)  |
| Microchip | 24AA02H    | [MSOP8]   | (605)  |
| Microchip | 24AA02H    | [SOIC8]   | (950)  |
| Microchip | 24AA02H    | [SOT23-5] | (523)  |
| Microchip | 24AA02H    | [TDFN8]   | (2995) |
| Microchip | 24AA02H    | [TSSOP8]  | (121)  |
| Microchip | 24AA02UID  |           |        |
| Microchip | 24AA02UID  | (ISP)     | (138)  |
| Microchip | 24AA02UID  | [SOIC8]   | (950)  |

|           |                        |        |
|-----------|------------------------|--------|
| Microchip | 24AA02UID [SOT23-5]    | (523)  |
| Microchip | 24AA04                 |        |
| Microchip | 24AA04 (ISP)           | (138)  |
| Microchip | 24AA04 [DFN8]          | (2995) |
| Microchip | 24AA04 [MSOP8]         | (605)  |
| Microchip | 24AA04 [SOIC14]        | (951)  |
| Microchip | 24AA04 [SOIC8]         | (950)  |
| Microchip | 24AA04 [SOT23-5]       | (523)  |
| Microchip | 24AA04 [TDFN8]         | (2995) |
| Microchip | 24AA04 [TSSOP8]        | (121)  |
| Microchip | 24AA044                |        |
| Microchip | 24AA044 (ISP)          | (138)  |
| Microchip | 24AA044 [MSOP8]        | (605)  |
| Microchip | 24AA044 [SOIC8-150]    | (950)  |
| Microchip | 24AA044 [TSSOP8]       | (121)  |
| Microchip | 24AA044 [UDFN8-2x3]    | (4538) |
| Microchip | 24AA04H                |        |
| Microchip | 24AA04H (ISP)          | (138)  |
| Microchip | 24AA04H [MSOP8]        | (605)  |
| Microchip | 24AA04H [SOIC8]        | (950)  |
| Microchip | 24AA04H [SOT23-5]      | (523)  |
| Microchip | 24AA04H [TDFN8]        | (2995) |
| Microchip | 24AA04H [TSSOP8]       | (121)  |
| Microchip | 24AA08                 |        |
| Microchip | 24AA08 (ISP)           | (138)  |
| Microchip | 24AA08 [DFN8]          | (2995) |
| Microchip | 24AA08 [MSOP8]         | (605)  |
| Microchip | 24AA08 [SOIC14]        | (951)  |
| Microchip | 24AA08 [SOIC8]         | (950)  |
| Microchip | 24AA08 [SOT23-5]       | (523)  |
| Microchip | 24AA08 [TDFN8]         | (2995) |
| Microchip | 24AA08 [TSSOP8]        | (121)  |
| Microchip | 24AA08H                |        |
| Microchip | 24AA08H (ISP)          | (138)  |
| Microchip | 24AA08H [MSOP8]        | (605)  |
| Microchip | 24AA08H [SOIC8]        | (950)  |
| Microchip | 24AA08H [SOT23-5]      | (523)  |
| Microchip | 24AA08H [TDFN8]        | (2995) |
| Microchip | 24AA08H [TSSOP8]       | (121)  |
| Microchip | 24AA1025               |        |
| Microchip | 24AA1025 (ISP)         | (138)  |
| Microchip | 24AA1025 [SOIC8]       | (950)  |
| Microchip | 24AA1025 [SOI18-5.28]  | (46)   |
| Microchip | 24AA1026               |        |
| Microchip | 24AA1026 (ISP)         | (138)  |
| Microchip | 24AA1026 [SOIC8]       | (950)  |
| Microchip | 24AA1026 [SOI18-5.28]  | (46)   |
| Microchip | 24AA1026 [TSSOP8]      | (121)  |
| Microchip | 24AA128                |        |
| Microchip | 24AA128 (ISP)          | (138)  |
| Microchip | 24AA128 [DFN8]         | (577)  |
| Microchip | 24AA128 [MSOP8]        | (605)  |
| Microchip | 24AA128 [SOIC8]        | (950)  |
| Microchip | 24AA128 [SOI18-5.28]   | (46)   |
| Microchip | 24AA128 [TDFN8]        | (2995) |
| Microchip | 24AA128 [TSSOP14]      | (1087) |
| Microchip | 24AA128 [TSSOP8]       | (121)  |
| Microchip | 24AA16                 |        |
| Microchip | 24AA16 (ISP)           | (138)  |
| Microchip | 24AA16 [DFN8]          | (2995) |
| Microchip | 24AA16 [MSOP8]         | (605)  |
| Microchip | 24AA16 [SOIC14]        | (951)  |
| Microchip | 24AA16 [SOIC8]         | (950)  |
| Microchip | 24AA16 [SOT23-5]       | (523)  |
| Microchip | 24AA16 [TDFN8]         | (2995) |
| Microchip | 24AA16 [TSSOP8]        | (121)  |
| Microchip | 24AA164                |        |
| Microchip | 24AA164 (ISP)          | (138)  |
| Microchip | 24AA164 [SOIC8]        | (950)  |
| Microchip | 24AA16H                |        |
| Microchip | 24AA16H (ISP)          | (138)  |
| Microchip | 24AA16H [MSOP8]        | (605)  |
| Microchip | 24AA16H [SOIC8]        | (950)  |
| Microchip | 24AA16H [SOT23-5]      | (523)  |
| Microchip | 24AA16H [TDFN8]        | (2995) |
| Microchip | 24AA16H [TSSOP8]       | (121)  |
| Microchip | 24AA174                |        |
| Microchip | 24AA174 (ISP)          | (138)  |
| Microchip | 24AA174 [SOIC8]        | (950)  |
| Microchip | 24AA256                |        |
| Microchip | 24AA256 (ISP)          | (138)  |
| Microchip | 24AA256 [DFN8]         | (577)  |
| Microchip | 24AA256 [MSOP8]        | (605)  |
| Microchip | 24AA256 [SOIC8]        | (950)  |
| Microchip | 24AA256 [SOI18-5.28]   | (46)   |
| Microchip | 24AA256 [TDFN8]        | (2995) |
| Microchip | 24AA256 [TSSOP14]      | (1087) |
| Microchip | 24AA256 [TSSOP8]       | (121)  |
| Microchip | 24AA256UID             |        |
| Microchip | 24AA256UID (ISP)       | (138)  |
| Microchip | 24AA256UID [SOIC8-150] | (950)  |
| Microchip | 24AA256UID [TSSOP8]    | (121)  |
| Microchip | 24AA32                 |        |
| Microchip | 24AA32 (ISP)           | (138)  |
| Microchip | 24AA32 [SOIC8]         | (950)  |
| Microchip | 24AA32A                |        |
| Microchip | 24AA32A (ISP)          | (138)  |
| Microchip | 24AA32A [DFN8]         | (2995) |
| Microchip | 24AA32A [MSOP8]        | (605)  |
| Microchip | 24AA32A [SOIC8]        | (950)  |
| Microchip | 24AA32A [SOI18-5.28]   | (46)   |
| Microchip | 24AA32A [SOT23-5]      | (523)  |
| Microchip | 24AA32A [TDFN8]        | (2995) |
| Microchip | 24AA32A [TSSOP8]       | (121)  |
| Microchip | 24AA32AF               |        |
| Microchip | 24AA32AF (ISP)         | (138)  |
| Microchip | 24AA32AF [MSOP8]       | (605)  |
| Microchip | 24AA32AF [SOIC8]       | (950)  |
| Microchip | 24AA32AF [SOT23-5]     | (523)  |
| Microchip | 24AA32AF [TDFN8]       | (2995) |
| Microchip | 24AA32AF [TSSOP8]      | (121)  |
| Microchip | 24AA32AX [TSSOP8]      | (121)  |
| Microchip | 24AA512                |        |
| Microchip | 24AA512 (ISP)          | (138)  |
| Microchip | 24AA512 [DFN8]         | (577)  |
| Microchip | 24AA512 [SOIC8]        | (950)  |
| Microchip | 24AA512 [SOI18-5.28]   | (46)   |
| Microchip | 24AA512 [TSSOP14]      | (1087) |
| Microchip | 24AA512 [TSSOP8]       | (121)  |
| Microchip | 24AA515                |        |
| Microchip | 24AA515 (ISP)          | (138)  |
| Microchip | 24AA515 [SOIC8]        | (950)  |
| Microchip | 24AA515 [SOI18-5.28]   | (46)   |
| Microchip | 24AA52                 |        |
| Microchip | 24AA52 (ISP)           | (138)  |
| Microchip | 24AA52 [DFN8]          | (2995) |
| Microchip | 24AA52 [MSOP8]         | (605)  |
| Microchip | 24AA52 [SOIC8]         | (950)  |



|           |          |               |        |
|-----------|----------|---------------|--------|
| Microchip | 24AA52   | [TSSOP8]      | (121)  |
| Microchip | 24AA64   |               |        |
| Microchip | 24AA64   | (ISP)         | (138)  |
| Microchip | 24AA64   | [DFN8]        | (2995) |
| Microchip | 24AA64   | [MSOP8]       | (605)  |
| Microchip | 24AA64   | [SOIC8]       | (950)  |
| Microchip | 24AA64   | [SOIJ8-5..28] | (46)   |
| Microchip | 24AA64   | [SOT23-5]     | (523)  |
| Microchip | 24AA64   | [TDFN8]       | (2995) |
| Microchip | 24AA64   | [TSSOP8]      | (121)  |
| Microchip | 24AA64F  |               |        |
| Microchip | 24AA64F  | (ISP)         | (138)  |
| Microchip | 24AA64F  | [MSOP8]       | (605)  |
| Microchip | 24AA64F  | [SOIC8]       | (950)  |
| Microchip | 24AA64F  | [SOT23-5]     | (523)  |
| Microchip | 24AA64F  | [TDFN8]       | (2995) |
| Microchip | 24AA64F  | [TSSOP8]      | (121)  |
| Microchip | 24AA64X  | [TSSOP8]      | (121)  |
| Microchip | 24AA65   |               |        |
| Microchip | 24AA65   | (ISP)         | (138)  |
| Microchip | 24AA65   | [SOIC8]       | (950)  |
| Microchip | 24AA65   | [SOIJ8-5..28] | (46)   |
| Microchip | 24C00    |               |        |
| Microchip | 24C00    | (ISP)         | (138)  |
| Microchip | 24C00    | [DFN8]        | (2995) |
| Microchip | 24C00    | [SOIC8]       | (950)  |
| Microchip | 24C00    | [SOT23-5]     | (523)  |
| Microchip | 24C00    | [TDFN8]       | (2995) |
| Microchip | 24C00    | [TSSOP8]      | (121)  |
| Microchip | 24C01A   |               |        |
| Microchip | 24C01A   | (ISP)         | (138)  |
| Microchip | 24C01A   | [SOIC14]      | (951)  |
| Microchip | 24C01A   | [SOIC8]       | (950)  |
| Microchip | 24C01A   | [SOIC8-208]   | (46)   |
| Microchip | 24C01B   |               |        |
| Microchip | 24C01B   | (ISP)         | (138)  |
| Microchip | 24C01B   | [SOIC8]       | (950)  |
| Microchip | 24C01C   |               |        |
| Microchip | 24C01C   | (ISP)         | (138)  |
| Microchip | 24C01C   | [DFN8]        | (2995) |
| Microchip | 24C01C   | [MSOP8]       | (605)  |
| Microchip | 24C01C   | [SOIC8]       | (950)  |
| Microchip | 24C01C   | [SOT23-6]     | (523)  |
| Microchip | 24C01C   | [TDFN8]       | (2995) |
| Microchip | 24C01C   | [TSSOP8]      | (121)  |
| Microchip | 24C02A   |               |        |
| Microchip | 24C02A   | (ISP)         | (138)  |
| Microchip | 24C02A   | [SOIC14]      | (951)  |
| Microchip | 24C02A   | [SOIC8]       | (950)  |
| Microchip | 24C02A   | [SOIC8-208]   | (46)   |
| Microchip | 24C02B   |               |        |
| Microchip | 24C02B   | (ISP)         | (138)  |
| Microchip | 24C02B   | [SOIC8]       | (950)  |
| Microchip | 24C02C   |               |        |
| Microchip | 24C02C   | (ISP)         | (138)  |
| Microchip | 24C02C   | [DFN8]        | (2995) |
| Microchip | 24C02C   | [MSOP8]       | (605)  |
| Microchip | 24C02C   | [SOIC8]       | (950)  |
| Microchip | 24C02C   | [TDFN8]       | (2995) |
| Microchip | 24C02C   | [TSSOP8]      | (121)  |
| Microchip | 24C04A   |               |        |
| Microchip | 24C04A   | (ISP)         | (138)  |
| Microchip | 24C04A   | [SOIC14]      | (951)  |
| Microchip | 24C04A   | [SOIC8]       | (950)  |
| Microchip | 24C04A   | [SOIC8-208]   | (46)   |
| Microchip | 24C04B   |               |        |
| Microchip | 24C04B   | (ISP)         | (138)  |
| Microchip | 24C08A   |               |        |
| Microchip | 24C08A   | (ISP)         | (138)  |
| Microchip | 24C08B   |               |        |
| Microchip | 24C08B   | (ISP)         | (138)  |
| Microchip | 24C08B   | [SOIC14]      | (951)  |
| Microchip | 24C08B   | [SOIC8]       | (950)  |
| Microchip | 24C128   |               |        |
| Microchip | 24C128   | (ISP)         | (138)  |
| Microchip | 24C16A   |               |        |
| Microchip | 24C16A   | (ISP)         | (138)  |
| Microchip | 24C16B   |               |        |
| Microchip | 24C16B   | (ISP)         | (138)  |
| Microchip | 24C16B   | [SOIC14]      | (951)  |
| Microchip | 24C16B   | [SOIC8]       | (950)  |
| Microchip | 24C256   |               |        |
| Microchip | 24C256   | (ISP)         | (138)  |
| Microchip | 24C32    |               |        |
| Microchip | 24C32    | (ISP)         | (138)  |
| Microchip | 24C32    | [SOIC8]       | (950)  |
| Microchip | 24C32    | [SOIC8-208]   | (46)   |
| Microchip | 24C32A   |               |        |
| Microchip | 24C32A   | (ISP)         | (138)  |
| Microchip | 24C32A   | [SOIC8]       | (950)  |
| Microchip | 24C64    |               |        |
| Microchip | 24C64    | (ISP)         | (138)  |
| Microchip | 24C65    |               |        |
| Microchip | 24C65    | (ISP)         | (138)  |
| Microchip | 24C65    | [SOIC8]       | (950)  |
| Microchip | 24C65    | [SOIJ8-5..28] | (46)   |
| Microchip | 24F65    |               |        |
| Microchip | 24F65    | (ISP)         | (138)  |
| Microchip | 24FC1025 |               |        |
| Microchip | 24FC1025 | (ISP)         | (138)  |
| Microchip | 24FC1025 | [SOIC8]       | (950)  |
| Microchip | 24FC1025 | [SOIJ8-5..28] | (46)   |
| Microchip | 24FC1026 |               |        |
| Microchip | 24FC1026 | (ISP)         | (138)  |
| Microchip | 24FC1026 | [SOIC8]       | (950)  |
| Microchip | 24FC1026 | [SOIJ8-5..28] | (46)   |
| Microchip | 24FC1026 | [TSSOP8]      | (121)  |
| Microchip | 24FC128  |               |        |
| Microchip | 24FC128  | (ISP)         | (138)  |
| Microchip | 24FC128  | [DFN8]        | (577)  |
| Microchip | 24FC128  | [MSOP8]       | (605)  |
| Microchip | 24FC128  | [SOIC8]       | (950)  |
| Microchip | 24FC128  | [SOIJ8-5..28] | (46)   |
| Microchip | 24FC128  | [TDFN8]       | (2995) |
| Microchip | 24FC128  | [TSSOP14]     | (1087) |
| Microchip | 24FC128  | [TSSOP8]      | (121)  |
| Microchip | 24FC16   |               |        |
| Microchip | 24FC16   | (ISP)         | (138)  |
| Microchip | 24FC16   | [SOIC8]       | (950)  |
| Microchip | 24FC256  |               |        |
| Microchip | 24FC256  | (ISP)         | (138)  |
| Microchip | 24FC256  | [DFN8]        | (577)  |
| Microchip | 24FC256  | [MSOP8]       | (605)  |
| Microchip | 24FC256  | [SOIC8]       | (950)  |
| Microchip | 24FC256  | [SOIJ8-5..28] | (46)   |
| Microchip | 24FC256  | [TSSOP14]     | (1087) |
| Microchip | 24FC256  | [TSSOP8]      | (121)  |
| Microchip | 24FC32   |               |        |

|           |                      |        |
|-----------|----------------------|--------|
| Microchip | 24FC32 (ISP)         | (138)  |
| Microchip | 24FC32 [SOIC8]       | (46)   |
| Microchip | 24FC512              |        |
| Microchip | 24FC512 (ISP)        | (138)  |
| Microchip | 24FC512 [DFN8]       | (577)  |
| Microchip | 24FC512 [SOIC8]      | (950)  |
| Microchip | 24FC512 [SOI38-5.28] | (46)   |
| Microchip | 24FC512 [TSSOP14]    | (1087) |
| Microchip | 24FC512 [TSSOP8]     | (121)  |
| Microchip | 24FC515              |        |
| Microchip | 24FC515 (ISP)        | (138)  |
| Microchip | 24FC515 [SOIC8]      | (950)  |
| Microchip | 24FC515 [SOI38-5.28] | (46)   |
| Microchip | 24FC64               |        |
| Microchip | 24FC64 (ISP)         | (138)  |
| Microchip | 24FC64 [DFN8]        | (577)  |
| Microchip | 24FC64 [DFN8-2x3]    | (2995) |
| Microchip | 24FC64 [MSOP8]       | (605)  |
| Microchip | 24FC64 [SOIC8]       | (46)   |
| Microchip | 24FC64 [SOI38-5.28]  | (46)   |
| Microchip | 24FC64 [SOT23-5]     | (523)  |
| Microchip | 24FC64 [TDFN8-2x3]   | (2995) |
| Microchip | 24FC64 [TSSOP8]      | (121)  |
| Microchip | 24FC65               |        |
| Microchip | 24FC65 (ISP)         | (138)  |
| Microchip | 24FC65 [SOIC8]       | (46)   |
| Microchip | 24LC00               |        |
| Microchip | 24LC00 (ISP)         | (138)  |
| Microchip | 24LC00 [DFN8]        | (2995) |
| Microchip | 24LC00 [SOIC8]       | (950)  |
| Microchip | 24LC00 [SOT23-5]     | (523)  |
| Microchip | 24LC00 [TDFN8]       | (2995) |
| Microchip | 24LC00 [TSSOP8]      | (121)  |
| Microchip | 24LC01               |        |
| Microchip | 24LC01 (ISP)         | (138)  |
| Microchip | 24LC014              |        |
| Microchip | 24LC014 (ISP)        | (138)  |
| Microchip | 24LC014 [DFN8]       | (2995) |
| Microchip | 24LC014 [MSOP8]      | (605)  |
| Microchip | 24LC014 [SOIC8]      | (950)  |
| Microchip | 24LC014 [SOT23-6]    | (523)  |
| Microchip | 24LC014 [TDFN8]      | (2995) |
| Microchip | 24LC014 [TSSOP8]     | (121)  |
| Microchip | 24LC014H             |        |
| Microchip | 24LC014H (ISP)       | (138)  |
| Microchip | 24LC014H [MSOP8]     | (605)  |
| Microchip | 24LC014H [SOIC8]     | (950)  |
| Microchip | 24LC014H [TDFN8]     | (2995) |
| Microchip | 24LC014H [TSSOP8]    | (121)  |
| Microchip | 24LC01B              |        |
| Microchip | 24LC01B (ISP)        | (138)  |
| Microchip | 24LC01B [DFN8]       | (2995) |
| Microchip | 24LC01B [MSOP8]      | (605)  |
| Microchip | 24LC01B [SOIC8]      | (950)  |
| Microchip | 24LC01B [SOT23-5]    | (523)  |
| Microchip | 24LC01B [TDFN8]      | (2995) |
| Microchip | 24LC01B [TSSOP8]     | (121)  |
| Microchip | 24LC01BH             |        |
| Microchip | 24LC01BH (ISP)       | (138)  |
| Microchip | 24LC01BH [MSOP8]     | (605)  |
| Microchip | 24LC01BH [SOIC8]     | (950)  |
| Microchip | 24LC01BH [SOT23-5]   | (523)  |
| Microchip | 24LC01BH [TDFN8]     | (2995) |
| Microchip | 24LC01BH [TSSOP8]    | (121)  |
| Microchip | 24LC02               |        |
| Microchip | 24LC02 (ISP)         | (138)  |
| Microchip | 24LC024              |        |
| Microchip | 24LC024 (ISP)        | (138)  |
| Microchip | 24LC024 [DFN8]       | (2995) |
| Microchip | 24LC024 [MSOP8]      | (605)  |
| Microchip | 24LC024 [SOIC8]      | (950)  |
| Microchip | 24LC024 [SOT23-6]    | (523)  |
| Microchip | 24LC024 [TDFN8]      | (2995) |
| Microchip | 24LC024 [TSSOP8]     | (121)  |
| Microchip | 24LC024H             |        |
| Microchip | 24LC024H (ISP)       | (138)  |
| Microchip | 24LC024H [MSOP8]     | (605)  |
| Microchip | 24LC024H [SOIC8]     | (950)  |
| Microchip | 24LC024H [TDFN8]     | (2995) |
| Microchip | 24LC024H [TSSOP8]    | (121)  |
| Microchip | 24LC025              |        |
| Microchip | 24LC025 (ISP)        | (138)  |
| Microchip | 24LC025 [DFN8]       | (2995) |
| Microchip | 24LC025 [MSOP8]      | (605)  |
| Microchip | 24LC025 [SOIC8]      | (950)  |
| Microchip | 24LC025 [SOT23-6]    | (523)  |
| Microchip | 24LC025 [TDFN8]      | (2995) |
| Microchip | 24LC025 [TSSOP8]     | (121)  |
| Microchip | 24LC02B              |        |
| Microchip | 24LC02B (ISP)        | (138)  |
| Microchip | 24LC02B [DFN8]       | (2995) |
| Microchip | 24LC02B [MSOP8]      | (605)  |
| Microchip | 24LC02B [SOIC8]      | (950)  |
| Microchip | 24LC02B [SOT23-5]    | (523)  |
| Microchip | 24LC02B [TDFN8]      | (2995) |
| Microchip | 24LC02B [TSSOP8]     | (121)  |
| Microchip | 24LC02BH             |        |
| Microchip | 24LC02BH (ISP)       | (138)  |
| Microchip | 24LC02BH [MSOP8]     | (605)  |
| Microchip | 24LC02BH [SOIC8]     | (950)  |
| Microchip | 24LC02BH [SOT23-5]   | (523)  |
| Microchip | 24LC02BH [TDFN8]     | (2995) |
| Microchip | 24LC02BH [TSSOP8]    | (121)  |
| Microchip | 24LC04               |        |
| Microchip | 24LC04 (ISP)         | (138)  |
| Microchip | 24LC04B              |        |
| Microchip | 24LC04B (ISP)        | (138)  |
| Microchip | 24LC04B [DFN8]       | (2995) |
| Microchip | 24LC04B [MSOP8]      | (605)  |
| Microchip | 24LC04B [SOIC14]     | (951)  |
| Microchip | 24LC04B [SOIC8]      | (950)  |
| Microchip | 24LC04B [SOT23-5]    | (523)  |
| Microchip | 24LC04B [TDFN8]      | (2995) |
| Microchip | 24LC04B [TSSOP8]     | (121)  |
| Microchip | 24LC04BH             |        |
| Microchip | 24LC04BH (ISP)       | (138)  |
| Microchip | 24LC04BH [MSOP8]     | (605)  |
| Microchip | 24LC04BH [SOIC8]     | (950)  |
| Microchip | 24LC04BH [SOT23-5]   | (523)  |
| Microchip | 24LC04BH [TDFN8]     | (2995) |
| Microchip | 24LC04BH [TSSOP8]    | (121)  |
| Microchip | 24LC08               |        |
| Microchip | 24LC08 (ISP)         | (138)  |
| Microchip | 24LC08B              |        |
| Microchip | 24LC08B (ISP)        | (138)  |
| Microchip | 24LC08B [DFN8]       | (2995) |
| Microchip | 24LC08B [MSOP8]      | (605)  |
| Microchip | 24LC08B [SOIC14]     | (951)  |

|           |          |                   |        |
|-----------|----------|-------------------|--------|
| Microchip | 24LC08B  | [SOIC8]           | (950)  |
| Microchip | 24LC08B  | [SOT23-5]         | (523)  |
| Microchip | 24LC08B  | [TDFN8]           | (2995) |
| Microchip | 24LC08B  | [TSSOP8]          | (121)  |
| Microchip | 24LC08BH |                   |        |
| Microchip | 24LC08BH | (ISP)             | (138)  |
| Microchip | 24LC08BH | [MSOP8]           | (605)  |
| Microchip | 24LC08BH | [SOIC8]           | (950)  |
| Microchip | 24LC08BH | [SOT23-5]         | (523)  |
| Microchip | 24LC08BH | [TDFN8]           | (2995) |
| Microchip | 24LC08BH | [TSSOP8]          | (121)  |
| Microchip | 24LC09   |                   |        |
| Microchip | 24LC09   | (ISP)             | (138)  |
| Microchip | 24LC09   | [SOIC8]           | (950)  |
| Microchip | 24LC1025 |                   |        |
| Microchip | 24LC1025 | (ISP)             | (138)  |
| Microchip | 24LC1025 | [SOIC8]           | (950)  |
| Microchip | 24LC1025 | [SOI18-5.28]      | (46)   |
| Microchip | 24LC1026 |                   |        |
| Microchip | 24LC1026 | (ISP)             | (138)  |
| Microchip | 24LC1026 | [SOIC8]           | (950)  |
| Microchip | 24LC1026 | [SOI18-5.28]      | (46)   |
| Microchip | 24LC1026 | [TSSOP8]          | (121)  |
| Microchip | 24LC128  |                   |        |
| Microchip | 24LC128  | (ISP)             | (138)  |
| Microchip | 24LC128  | [DFN8]            | (577)  |
| Microchip | 24LC128  | [MSOP8]           | (605)  |
| Microchip | 24LC128  | [SOIC8]           | (950)  |
| Microchip | 24LC128  | [SOI18-5.28]      | (46)   |
| Microchip | 24LC128  | [TDFN8]           | (2995) |
| Microchip | 24LC128  | [TSSOP14]         | (1087) |
| Microchip | 24LC128  | [TSSOP8]          | (121)  |
| Microchip | 24LC128  | [TSSOP8] (Bad911) | (121)  |
| Microchip | 24LC16   |                   |        |
| Microchip | 24LC16   | (ISP)             | (138)  |
| Microchip | 24LC164  |                   |        |
| Microchip | 24LC164  | (ISP)             | (138)  |
| Microchip | 24LC164  | [SOIC8]           | (950)  |
| Microchip | 24LC16B  |                   |        |
| Microchip | 24LC16B  | (ISP)             | (138)  |
| Microchip | 24LC16B  | [DFN8]            | (2995) |
| Microchip | 24LC16B  | [MSOP8]           | (605)  |
| Microchip | 24LC16B  | [SOIC14]          | (951)  |
| Microchip | 24LC16B  | [SOIC8]           | (950)  |
| Microchip | 24LC16B  | [SOT23-5]         | (523)  |
| Microchip | 24LC16B  | [TDFN8]           | (2995) |
| Microchip | 24LC16B  | [TSSOP8]          | (121)  |
| Microchip | 24LC16BH |                   |        |
| Microchip | 24LC16BH | (ISP)             | (138)  |
| Microchip | 24LC16BH | [MSOP8]           | (605)  |
| Microchip | 24LC16BH | [SOIC8]           | (950)  |
| Microchip | 24LC16BH | [SOT23-5]         | (523)  |
| Microchip | 24LC16BH | [TDFN8]           | (2995) |
| Microchip | 24LC16BH | [TSSOP8]          | (121)  |
| Microchip | 24LC174  |                   |        |
| Microchip | 24LC174  | (ISP)             | (138)  |
| Microchip | 24LC174  | [SOIC8]           | (950)  |
| Microchip | 24LC21   |                   |        |
| Microchip | 24LC21   | (ISP)             | (138)  |
| Microchip | 24LC21   | [SOIC8]           | (950)  |
| Microchip | 24LC211  |                   |        |
| Microchip | 24LC211  | [SOIC8]           | (950)  |
| Microchip | 24LC21A  |                   |        |
| Microchip | 24LC21A  | (ISP)             | (138)  |
| Microchip | 24LC21A  | [SOIC8]           | (950)  |
| Microchip | 24LC22A  |                   |        |
| Microchip | 24LC22A  | (ISP)             | (138)  |
| Microchip | 24LC22A  | [SOIC8]           | (950)  |
| Microchip | 24LC256  |                   |        |
| Microchip | 24LC256  | (ISP)             | (138)  |
| Microchip | 24LC256  | [DFN8]            | (577)  |
| Microchip | 24LC256  | [MSOP8]           | (605)  |
| Microchip | 24LC256  | [SOIC8]           | (950)  |
| Microchip | 24LC256  | [SOI18-5.28]      | (46)   |
| Microchip | 24LC256  | [TSSOP14]         | (1087) |
| Microchip | 24LC256  | [TSSOP8]          | (121)  |
| Microchip | 24LC32   |                   |        |
| Microchip | 24LC32   | (ISP)             | (138)  |
| Microchip | 24LC32   | [SOIC8-208]       | (46)   |
| Microchip | 24LC32A  |                   |        |
| Microchip | 24LC32A  | (ISP)             | (138)  |
| Microchip | 24LC32A  | [DFN8]            | (2995) |
| Microchip | 24LC32A  | [MSOP8]           | (605)  |
| Microchip | 24LC32A  | [SOIC8]           | (950)  |
| Microchip | 24LC32A  | [SOI18-5.28]      | (46)   |
| Microchip | 24LC32A  | [SOT23-5]         | (523)  |
| Microchip | 24LC32A  | [TDFN8]           | (2995) |
| Microchip | 24LC32A  | [TSSOP8]          | (121)  |
| Microchip | 24LC32AF |                   |        |
| Microchip | 24LC32AF | (ISP)             | (138)  |
| Microchip | 24LC32AF | [MSOP8]           | (605)  |
| Microchip | 24LC32AF | [SOIC8]           | (950)  |
| Microchip | 24LC32AF | [SOT23-5]         | (523)  |
| Microchip | 24LC32AF | [TDFN8]           | (2995) |
| Microchip | 24LC32AF | [TSSOP8]          | (121)  |
| Microchip | 24LC32AX | [TSSOP8]          | (121)  |
| Microchip | 24LC41   |                   |        |
| Microchip | 24LC41   | (ISP)             | (138)  |
| Microchip | 24LC41A  |                   |        |
| Microchip | 24LC41A  | (ISP)             | (138)  |
| Microchip | 24LC512  |                   |        |
| Microchip | 24LC512  | (ISP)             | (138)  |
| Microchip | 24LC512  | [DFN8]            | (577)  |
| Microchip | 24LC512  | [SOIC8]           | (950)  |
| Microchip | 24LC512  | [SOI18-5.28]      | (46)   |
| Microchip | 24LC512  | [TSSOP14]         | (1087) |
| Microchip | 24LC512  | [TSSOP8]          | (121)  |
| Microchip | 24LC515  |                   |        |
| Microchip | 24LC515  | (ISP)             | (138)  |
| Microchip | 24LC515  | [SOIC8]           | (950)  |
| Microchip | 24LC515  | [SOI18-5.28]      | (46)   |
| Microchip | 24LC64   |                   |        |
| Microchip | 24LC64   | (ISP)             | (138)  |
| Microchip | 24LC64   | [DFN8]            | (2995) |
| Microchip | 24LC64   | [MSOP8]           | (605)  |
| Microchip | 24LC64   | [SOIC8]           | (950)  |
| Microchip | 24LC64   | [SOI18-5.28]      | (46)   |
| Microchip | 24LC64   | [SOT23-5]         | (523)  |
| Microchip | 24LC64   | [TDFN8]           | (2995) |
| Microchip | 24LC64   | [TSSOP8]          | (121)  |
| Microchip | 24LC64F  |                   |        |
| Microchip | 24LC64F  | (ISP)             | (138)  |
| Microchip | 24LC64F  | [MSOP8]           | (605)  |
| Microchip | 24LC64F  | [SOIC8]           | (950)  |
| Microchip | 24LC64F  | [SOT23-5]         | (523)  |
| Microchip | 24LC64F  | [TDFN8]           | (2995) |
| Microchip | 24LC64F  | [TSSOP8]          | (121)  |
| Microchip | 24LC64X  | [TSSOP8]          | (121)  |

|           |                      |        |
|-----------|----------------------|--------|
| Microchip | 24LC65               |        |
| Microchip | 24LC65 (ISP)         | (138)  |
| Microchip | 24LC65 [SOIC8]       | (950)  |
| Microchip | 24LC65 [SOI18-5.28]  | (46)   |
| Microchip | 24LCS21              |        |
| Microchip | 24LCS21 (ISP)        | (138)  |
| Microchip | 24LCS21 [SOIC8]      | (950)  |
| Microchip | 24LCS21A             |        |
| Microchip | 24LCS21A (ISP)       | (138)  |
| Microchip | 24LCS21A [SOIC8]     | (950)  |
| Microchip | 24LCS22A             |        |
| Microchip | 24LCS22A (ISP)       | (138)  |
| Microchip | 24LCS22A [SOIC8]     | (950)  |
| Microchip | 24LCS41              |        |
| Microchip | 24LCS41 (ISP)        | (138)  |
| Microchip | 24LCS41A             |        |
| Microchip | 24LCS41A (ISP)       | (138)  |
| Microchip | 24LCS52              |        |
| Microchip | 24LCS52 (ISP)        | (138)  |
| Microchip | 24LCS52 [DFN8]       | (2995) |
| Microchip | 24LCS52 [MSOP8]      | (605)  |
| Microchip | 24LCS52 [SOIC8]      | (950)  |
| Microchip | 24LCS52 [TSSOP8]     | (121)  |
| Microchip | 24LCS61              |        |
| Microchip | 24LCS61 (ISP)        | (138)  |
| Microchip | 24LCS61 [SOIC8]      | (950)  |
| Microchip | 24LCS61 [TSSOP8]     | (121)  |
| Microchip | 24LCS62              |        |
| Microchip | 24LCS62 (ISP)        | (138)  |
| Microchip | 24LCS62 [SOIC8]      | (950)  |
| Microchip | 24LCS62 [TSSOP8]     | (121)  |
| Microchip | 24VL014              |        |
| Microchip | 24VL014 (ISP)        | (138)  |
| Microchip | 24VL014 [MSOP8]      | (605)  |
| Microchip | 24VL014 [SOIC8]      | (950)  |
| Microchip | 24VL014 [SOT23-6]    | (523)  |
| Microchip | 24VL014 [TDFN8]      | (2995) |
| Microchip | 24VL014 [TSSOP8]     | (121)  |
| Microchip | 24VL014H             |        |
| Microchip | 24VL014H (ISP)       | (138)  |
| Microchip | 24VL014H [MSOP8]     | (605)  |
| Microchip | 24VL014H [SOIC8]     | (950)  |
| Microchip | 24VL014H [TDFN8]     | (2995) |
| Microchip | 24VL014H [TSSOP8]    | (121)  |
| Microchip | 24VL024              |        |
| Microchip | 24VL024 (ISP)        | (138)  |
| Microchip | 24VL024 [MSOP8]      | (605)  |
| Microchip | 24VL024 [SOIC8]      | (950)  |
| Microchip | 24VL024 [TDFN8]      | (2995) |
| Microchip | 24VL024 [TSSOP8]     | (121)  |
| Microchip | 24VL024H             |        |
| Microchip | 24VL024H (ISP)       | (138)  |
| Microchip | 24VL024H [MSOP8]     | (605)  |
| Microchip | 24VL024H [SOIC8]     | (950)  |
| Microchip | 24VL024H [TDFN8]     | (2995) |
| Microchip | 24VL024H [TSSOP8]    | (121)  |
| Microchip | 24VL025              |        |
| Microchip | 24VL025 (ISP)        | (138)  |
| Microchip | 24VL025 [MSOP8]      | (605)  |
| Microchip | 24VL025 [SOIC8]      | (950)  |
| Microchip | 24VL025 [SOT23-6]    | (523)  |
| Microchip | 24VL025 [TDFN8]      | (2995) |
| Microchip | 24VL025 [TSSOP8]     | (121)  |
| Microchip | 25A512               |        |
| Microchip | 25A512 (ISP)         | (138)  |
| Microchip | 25A512 [DFN8-5x6]    | (577)  |
| Microchip | 25A512 [SOIC8]       | (950)  |
| Microchip | 25A512 [TSSOP8]      | (121)  |
| Microchip | 25AA010A             |        |
| Microchip | 25AA010A (ISP)       | (138)  |
| Microchip | 25AA010A [DFN8]      | (2995) |
| Microchip | 25AA010A [MSOP8]     | (605)  |
| Microchip | 25AA010A [SOIC8]     | (950)  |
| Microchip | 25AA010A [SOT23-6]   | (523)  |
| Microchip | 25AA010A [TSSOP8]    | (121)  |
| Microchip | 25AA010AX [TSSOP8]   | (121)  |
| Microchip | 25AA020A             |        |
| Microchip | 25AA020A (ISP)       | (138)  |
| Microchip | 25AA020A [DFN8]      | (2995) |
| Microchip | 25AA020A [MSOP8]     | (605)  |
| Microchip | 25AA020A [SOIC8]     | (950)  |
| Microchip | 25AA020A [SOT23-6]   | (523)  |
| Microchip | 25AA020A [TDFN8-2x3] | (2995) |
| Microchip | 25AA020A [TSSOP8]    | (121)  |
| Microchip | 25AA020AX [TSSOP8]   | (121)  |
| Microchip | 25AA02E48 (ISP)      | (138)  |
| Microchip | 25AA02E48 [SOIC8]    | (950)  |
| Microchip | 25AA02E48 [SOT23-6]  | (523)  |
| Microchip | 25AA02E64 (ISP)      | (138)  |
| Microchip | 25AA02E64 [SOIC8]    | (950)  |
| Microchip | 25AA02E64 [SOT23-6]  | (523)  |
| Microchip | 25AA02UID (ISP)      | (138)  |
| Microchip | 25AA02UID [SOIC8]    | (950)  |
| Microchip | 25AA02UID [SOT23-6]  | (523)  |
| Microchip | 25AA040              |        |
| Microchip | 25AA040 (ISP)        | (138)  |
| Microchip | 25AA040 [SOIC8]      | (950)  |
| Microchip | 25AA040 [TSSOP8]     | (121)  |
| Microchip | 25AA040A             |        |
| Microchip | 25AA040A (ISP)       | (138)  |
| Microchip | 25AA040A [DFN8]      | (2995) |
| Microchip | 25AA040A [MSOP8]     | (605)  |
| Microchip | 25AA040A [SOIC8]     | (950)  |
| Microchip | 25AA040A [SOT23-6]   | (523)  |
| Microchip | 25AA040A [TDFN8-2x3] | (2995) |
| Microchip | 25AA040A [TSSOP8]    | (121)  |
| Microchip | 25AA040AX [TSSOP8]   | (121)  |
| Microchip | 25AA080              |        |
| Microchip | 25AA080 (ISP)        | (138)  |
| Microchip | 25AA080 [MSOP8]      | (605)  |
| Microchip | 25AA080 [SOIC8]      | (950)  |
| Microchip | 25AA080 [TSSOP8]     | (121)  |
| Microchip | 25AA080A             |        |
| Microchip | 25AA080A (ISP)       | (138)  |
| Microchip | 25AA080A [MSOP8]     | (605)  |
| Microchip | 25AA080A [SOIC8]     | (950)  |
| Microchip | 25AA080A [TSSOP8]    | (121)  |
| Microchip | 25AA080B             |        |
| Microchip | 25AA080B (ISP)       | (138)  |
| Microchip | 25AA080B [MSOP8]     | (605)  |
| Microchip | 25AA080B [SOIC8]     | (950)  |
| Microchip | 25AA080B [TSSOP8]    | (121)  |
| Microchip | 25AA080C             |        |
| Microchip | 25AA080C (ISP)       | (138)  |
| Microchip | 25AA080C [MSOP8]     | (605)  |
| Microchip | 25AA080C [SOIC8]     | (950)  |
| Microchip | 25AA080C [TDFN8]     | (2995) |
| Microchip | 25AA080C [TSSOP8]    | (121)  |

|           |                       |        |
|-----------|-----------------------|--------|
| Microchip | 25AA080D              |        |
| Microchip | 25AA080D (ISP)        | (138)  |
| Microchip | 25AA080D [MSOP8]      | (605)  |
| Microchip | 25AA080D [SOIC8]      | (950)  |
| Microchip | 25AA080D [TDFN8]      | (2995) |
| Microchip | 25AA080D [TSSOP8]     | (121)  |
| Microchip | 25AA1024              |        |
| Microchip | 25AA1024 (ISP)        | (138)  |
| Microchip | 25AA1024 [DFN8]       | (577)  |
| Microchip | 25AA1024 [SOI]8-5.28] | (46)   |
| Microchip | 25AA128               |        |
| Microchip | 25AA128 (ISP)         | (138)  |
| Microchip | 25AA128 [DFN8]        | (577)  |
| Microchip | 25AA128 [SOIC8]       | (950)  |
| Microchip | 25AA128 [SOI]8-5.28]  | (46)   |
| Microchip | 25AA128 [TSSOP8]      | (121)  |
| Microchip | 25AA128X [TSSOP8]     | (121)  |
| Microchip | 25AA160               |        |
| Microchip | 25AA160 (ISP)         | (138)  |
| Microchip | 25AA160 [MSOP8]       | (605)  |
| Microchip | 25AA160 [SOIC8]       | (950)  |
| Microchip | 25AA160 [TSSOP8]      | (121)  |
| Microchip | 25AA160A              |        |
| Microchip | 25AA160A (ISP)        | (138)  |
| Microchip | 25AA160A [MSOP8]      | (605)  |
| Microchip | 25AA160A [SOIC8]      | (950)  |
| Microchip | 25AA160A [TSSOP8]     | (121)  |
| Microchip | 25AA160B              |        |
| Microchip | 25AA160B (ISP)        | (138)  |
| Microchip | 25AA160B [MSOP8]      | (605)  |
| Microchip | 25AA160B [SOIC8]      | (950)  |
| Microchip | 25AA160B [TSSOP8]     | (121)  |
| Microchip | 25AA160C              |        |
| Microchip | 25AA160C (ISP)        | (138)  |
| Microchip | 25AA160C [MSOP8]      | (605)  |
| Microchip | 25AA160C [SOIC8]      | (950)  |
| Microchip | 25AA160C [TDFN8]      | (2995) |
| Microchip | 25AA160C [TSSOP8]     | (121)  |
| Microchip | 25AA160D              |        |
| Microchip | 25AA160D (ISP)        | (138)  |
| Microchip | 25AA160D [MSOP8]      | (605)  |
| Microchip | 25AA160D [SOIC8]      | (950)  |
| Microchip | 25AA160D [TDFN8]      | (2995) |
| Microchip | 25AA160D [TSSOP8]     | (121)  |
| Microchip | 25AA256               |        |
| Microchip | 25AA256 (ISP)         | (138)  |
| Microchip | 25AA256 [DFN8]        | (577)  |
| Microchip | 25AA256 [SOIC8]       | (950)  |
| Microchip | 25AA256 [SOI]8-5.28]  | (46)   |
| Microchip | 25AA256 [TSSOP8]      | (121)  |
| Microchip | 25AA320               |        |
| Microchip | 25AA320 (ISP)         | (138)  |
| Microchip | 25AA320 [SOIC8]       | (950)  |
| Microchip | 25AA320 [TSSOP14]     | (1087) |
| Microchip | 25AA320 [TSSOP8]      | (121)  |
| Microchip | 25AA320A              |        |
| Microchip | 25AA320A (ISP)        | (138)  |
| Microchip | 25AA320A [MSOP8]      | (605)  |
| Microchip | 25AA320A [SOIC8]      | (950)  |
| Microchip | 25AA320A [TDFN8]      | (2995) |
| Microchip | 25AA320A [TSSOP8]     | (121)  |
| Microchip | 25AA320AX [TSSOP8]    | (121)  |
| Microchip | 25AA512               |        |
| Microchip | 25AA512 (ISP)         | (138)  |
| Microchip | 25AA512 [DFN8]        | (577)  |
| Microchip | 25AA512 [SOIC8-150]   | (950)  |
| Microchip | 25AA512 [SOI]8-5.28]  | (46)   |
| Microchip | 25AA640               |        |
| Microchip | 25AA640 (ISP)         | (138)  |
| Microchip | 25AA640 [SOIC8]       | (950)  |
| Microchip | 25AA640 [TSSOP8]      | (121)  |
| Microchip | 25AA640A              |        |
| Microchip | 25AA640A (ISP)        | (138)  |
| Microchip | 25AA640A [DFN8]       | (577)  |
| Microchip | 25AA640A [MSOP8]      | (605)  |
| Microchip | 25AA640A [SOIC8]      | (950)  |
| Microchip | 25AA640A [TDFN8]      | (2995) |
| Microchip | 25AA640A [TSSOP8]     | (121)  |
| Microchip | 25AA640AX [TSSOP8]    | (121)  |
| Microchip | 25C040                |        |
| Microchip | 25C040 (ISP)          | (138)  |
| Microchip | 25C040 [SOIC8]        | (950)  |
| Microchip | 25C040 [TSSOP8]       | (121)  |
| Microchip | 25C080                |        |
| Microchip | 25C080 (ISP)          | (138)  |
| Microchip | 25C080 [SOIC8]        | (950)  |
| Microchip | 25C160                |        |
| Microchip | 25C160 (ISP)          | (138)  |
| Microchip | 25C160 [SOIC8]        | (950)  |
| Microchip | 25C320                |        |
| Microchip | 25C320 (ISP)          | (138)  |
| Microchip | 25C320 [SOIC8]        | (950)  |
| Microchip | 25C320 [TSSOP14]      | (1087) |
| Microchip | 25C320 [TSSOP8]       | (121)  |
| Microchip | 25C640                |        |
| Microchip | 25C640 (ISP)          | (138)  |
| Microchip | 25C640 [SOIC8]        | (950)  |
| Microchip | 25LC010A              |        |
| Microchip | 25LC010A (ISP)        | (138)  |
| Microchip | 25LC010A [DFN8]       | (2995) |
| Microchip | 25LC010A [MSOP8]      | (605)  |
| Microchip | 25LC010A [SOIC8]      | (950)  |
| Microchip | 25LC010A [SOT23-6]    | (523)  |
| Microchip | 25LC010A [TSSOP8]     | (121)  |
| Microchip | 25LC010AX [TSSOP8]    | (121)  |
| Microchip | 25LC020A              |        |
| Microchip | 25LC020A (ISP)        | (138)  |
| Microchip | 25LC020A [DFN8]       | (2995) |
| Microchip | 25LC020A [MSOP8]      | (605)  |
| Microchip | 25LC020A [SOIC8]      | (950)  |
| Microchip | 25LC020A [SOT23-6]    | (523)  |
| Microchip | 25LC020A [TDFN8-2x3]  | (2995) |
| Microchip | 25LC020A [TSSOP8]     | (121)  |
| Microchip | 25LC020AX [TSSOP8]    | (121)  |
| Microchip | 25LC040               |        |
| Microchip | 25LC040 (ISP)         | (138)  |
| Microchip | 25LC040 [SOIC8]       | (950)  |
| Microchip | 25LC040 [TSSOP8]      | (121)  |
| Microchip | 25LC040A              |        |
| Microchip | 25LC040A (ISP)        | (138)  |
| Microchip | 25LC040A [DFN8]       | (2995) |
| Microchip | 25LC040A [MSOP8]      | (605)  |
| Microchip | 25LC040A [SOIC8]      | (950)  |
| Microchip | 25LC040A [SOT23-6]    | (523)  |
| Microchip | 25LC040A [TDFN8-2x3]  | (2995) |
| Microchip | 25LC040A [TSSOP8]     | (121)  |
| Microchip | 25LC040AX [TSSOP8]    | (121)  |
| Microchip | 25LC080               |        |

|           |           |              |        |
|-----------|-----------|--------------|--------|
| Microchip | 25LC080   | (ISP)        | (138)  |
| Microchip | 25LC080   | [MSOP8]      | (605)  |
| Microchip | 25LC080   | [SOIC8]      | (950)  |
| Microchip | 25LC080   | [TSSOP8]     | (121)  |
| Microchip | 25LC080A  |              |        |
| Microchip | 25LC080A  | (ISP)        | (138)  |
| Microchip | 25LC080A  | [MSOP8]      | (605)  |
| Microchip | 25LC080A  | [SOIC8]      | (950)  |
| Microchip | 25LC080A  | [TSSOP8]     | (121)  |
| Microchip | 25LC080B  |              |        |
| Microchip | 25LC080B  | (ISP)        | (138)  |
| Microchip | 25LC080B  | [MSOP8]      | (605)  |
| Microchip | 25LC080B  | [SOIC8]      | (950)  |
| Microchip | 25LC080B  | [TSSOP8]     | (121)  |
| Microchip | 25LC080C  |              |        |
| Microchip | 25LC080C  | (ISP)        | (138)  |
| Microchip | 25LC080C  | [MSOP8]      | (605)  |
| Microchip | 25LC080C  | [SOIC8]      | (950)  |
| Microchip | 25LC080C  | [TDFN8]      | (2995) |
| Microchip | 25LC080C  | [TSSOP8]     | (121)  |
| Microchip | 25LC080D  |              |        |
| Microchip | 25LC080D  | (ISP)        | (138)  |
| Microchip | 25LC080D  | [MSOP8]      | (605)  |
| Microchip | 25LC080D  | [SOIC8]      | (950)  |
| Microchip | 25LC080D  | [TDFN8]      | (2995) |
| Microchip | 25LC080D  | [TSSOP8]     | (121)  |
| Microchip | 25LC1024  |              |        |
| Microchip | 25LC1024  | (ISP)        | (138)  |
| Microchip | 25LC1024  | [DFN8]       | (577)  |
| Microchip | 25LC1024  | [SOI]8-5.28] | (46)   |
| Microchip | 25LC128   |              |        |
| Microchip | 25LC128   | (ISP)        | (138)  |
| Microchip | 25LC128   | [DFN8]       | (577)  |
| Microchip | 25LC128   | [SOIC8]      | (950)  |
| Microchip | 25LC128   | [SOI]8-5.28] | (46)   |
| Microchip | 25LC128   | [TSSOP8]     | (121)  |
| Microchip | 25LC128X  | [TSSOP8]     | (121)  |
| Microchip | 25LC160   |              |        |
| Microchip | 25LC160   | (ISP)        | (138)  |
| Microchip | 25LC160   | [MSOP8]      | (605)  |
| Microchip | 25LC160   | [SOIC8]      | (950)  |
| Microchip | 25LC160   | [TSSOP8]     | (121)  |
| Microchip | 25LC160A  |              |        |
| Microchip | 25LC160A  | (ISP)        | (138)  |
| Microchip | 25LC160A  | [MSOP8]      | (605)  |
| Microchip | 25LC160A  | [SOIC8]      | (950)  |
| Microchip | 25LC160A  | [TSSOP8]     | (121)  |
| Microchip | 25LC160B  |              |        |
| Microchip | 25LC160B  | (ISP)        | (138)  |
| Microchip | 25LC160B  | [MSOP8]      | (605)  |
| Microchip | 25LC160B  | [SOIC8]      | (950)  |
| Microchip | 25LC160B  | [TSSOP8]     | (121)  |
| Microchip | 25LC160C  |              |        |
| Microchip | 25LC160C  | (ISP)        | (138)  |
| Microchip | 25LC160C  | [MSOP8]      | (605)  |
| Microchip | 25LC160C  | [SOIC8]      | (950)  |
| Microchip | 25LC160C  | [TDFN8]      | (2995) |
| Microchip | 25LC160C  | [TSSOP8]     | (121)  |
| Microchip | 25LC160D  |              |        |
| Microchip | 25LC160D  | (ISP)        | (138)  |
| Microchip | 25LC160D  | [MSOP8]      | (605)  |
| Microchip | 25LC160D  | [SOIC8]      | (950)  |
| Microchip | 25LC160D  | [TDFN8]      | (2995) |
| Microchip | 25LC160D  | [TSSOP8]     | (121)  |
| Microchip | 25LC256   |              |        |
| Microchip | 25LC256   | (ISP)        | (138)  |
| Microchip | 25LC256   | [DFN8]       | (577)  |
| Microchip | 25LC256   | [SOIC8]      | (950)  |
| Microchip | 25LC256   | [SOI]8-5.28] | (46)   |
| Microchip | 25LC256   | [TSSOP8]     | (121)  |
| Microchip | 25LC256X  | [TSSOP8]     | (121)  |
| Microchip | 25LC320   |              |        |
| Microchip | 25LC320   | (ISP)        | (138)  |
| Microchip | 25LC320   | [SOIC8]      | (950)  |
| Microchip | 25LC320   | [TSSOP14]    | (1087) |
| Microchip | 25LC320   | [TSSOP8]     | (121)  |
| Microchip | 25LC320A  |              |        |
| Microchip | 25LC320A  | (ISP)        | (138)  |
| Microchip | 25LC320A  | [MSOP8]      | (605)  |
| Microchip | 25LC320A  | [SOIC8]      | (950)  |
| Microchip | 25LC320A  | [TDFN8]      | (2995) |
| Microchip | 25LC320A  | [TSSOP8]     | (121)  |
| Microchip | 25LC320AX | [TSSOP8]     | (121)  |
| Microchip | 25LC512   |              |        |
| Microchip | 25LC512   | (ISP)        | (138)  |
| Microchip | 25LC512   | [DFN8]       | (577)  |
| Microchip | 25LC512   | [SOIC8]-150] | (950)  |
| Microchip | 25LC512   | [SOI]8-5.28] | (46)   |
| Microchip | 25LC640   |              |        |
| Microchip | 25LC640   | (ISP)        | (138)  |
| Microchip | 25LC640   | [SOIC8]      | (950)  |
| Microchip | 25LC640   | [TSSOP8]     | (121)  |
| Microchip | 25LC640A  |              |        |
| Microchip | 25LC640A  | (ISP)        | (138)  |
| Microchip | 25LC640A  | [DFN8]       | (577)  |
| Microchip | 25LC640A  | [MSOP8]      | (605)  |
| Microchip | 25LC640A  | [SOIC8]      | (950)  |
| Microchip | 25LC640A  | [TDFN8]      | (2995) |
| Microchip | 25LC640A  | [TSSOP8]     | (121)  |
| Microchip | 25LC640AX | [TSSOP8]     | (121)  |
| Microchip | 27256     |              |        |
| Microchip | 27256     | [PLCC32]     | (59)   |
| Microchip | 27C128    |              |        |
| Microchip | 27C128    | [PLCC32]     | (59)   |
| Microchip | 27C128    | [SOIC28]     | (51)   |
| Microchip | 27C256    |              |        |
| Microchip | 27C256    | [PLCC32]     | (59)   |
| Microchip | 27C256    | [SOIC28]     | (51)   |
| Microchip | 27C512    |              |        |
| Microchip | 27C512    | [PLCC32]     | (59)   |
| Microchip | 27C512    | [SOIC28]     | (51)   |
| Microchip | 27C512A   |              |        |
| Microchip | 27C512A   | [PLCC32]     | (59)   |
| Microchip | 27C512A   | [SOIC28]     | (51)   |
| Microchip | 27C513    |              |        |
| Microchip | 27C64     |              |        |
| Microchip | 27C64     | [PLCC32]     | (59)   |
| Microchip | 27C64     | [SOIC28]     | (51)   |
| Microchip | 27HC128   |              |        |
| Microchip | 27HC128   | [PLCC32]     | (59)   |
| Microchip | 27HC128   | [SOIC28]     | (51)   |
| Microchip | 27HC1616  |              |        |
| Microchip | 27HC256   |              |        |
| Microchip | 27HC256   | [PLCC32]     | (59)   |
| Microchip | 27HC256   | [SOIC28]     | (51)   |
| Microchip | 27HC256   | [VSOP28]     | (54)   |
| Microchip | 27HC64    |              |        |
| Microchip | 27HC64    | [PLCC32]     | (59)   |

|           |                        |        |
|-----------|------------------------|--------|
| Microchip | 27HC64 [SOIC28]        | (51)   |
| Microchip | 27LV256                |        |
| Microchip | 27LV256 [PLCC32]       | (59)   |
| Microchip | 27LV256 [SOIC28]       | (51)   |
| Microchip | 27LV512                |        |
| Microchip | 27LV512 [PLCC32]       | (59)   |
| Microchip | 27LV512 [SOIC28]       | (51)   |
| Microchip | 27LV512 [VSOP28]       | (54)   |
| Microchip | 27LV64                 |        |
| Microchip | 27LV64 [PLCC32]        | (59)   |
| Microchip | 27LV64 [SOIC28]        | (51)   |
| Microchip | 28C04                  |        |
| Microchip | 28C04A                 |        |
| Microchip | 28C04A [PLCC32]        | (59)   |
| Microchip | 28C04AF                |        |
| Microchip | 28C04AF [PLCC32]       | (59)   |
| Microchip | 28C16A                 |        |
| Microchip | 28C16A [PLCC32]        | (59)   |
| Microchip | 28C16AF                |        |
| Microchip | 28C16AF [PLCC32]       | (59)   |
| Microchip | 28C17A                 |        |
| Microchip | 28C17A [PLCC32]        | (59)   |
| Microchip | 28C17AF                |        |
| Microchip | 28C17AF [PLCC32]       | (59)   |
| Microchip | 28C64A                 |        |
| Microchip | 28C64A [PLCC32]        | (59)   |
| Microchip | 28C64AF                |        |
| Microchip | 28C64AF [PLCC32]       | (59)   |
| Microchip | 28C64AX                |        |
| Microchip | 28C64AX [PLCC32]       | (59)   |
| Microchip | 34AA02                 |        |
| Microchip | 34AA02 (ISP)           | (138)  |
| Microchip | 34AA02 [MSOP8]         | (605)  |
| Microchip | 34AA02 [SOIC8]         | (950)  |
| Microchip | 34AA02 [SOT23-6]       | (523)  |
| Microchip | 34AA02 [TDFN8]         | (2995) |
| Microchip | 34AA02 [TSSOP8]        | (121)  |
| Microchip | 34AA04                 |        |
| Microchip | 34AA04 (ISP)           | (138)  |
| Microchip | 34AA04 [MSOP8]         | (605)  |
| Microchip | 34AA04 [SOIC8]         | (950)  |
| Microchip | 34AA04 [TDFN8-2x3]     | (2995) |
| Microchip | 34AA04 [TSSOP8]        | (121)  |
| Microchip | 34AA04 [UDFN8-2x3]     | (4538) |
| Microchip | 34LC02                 |        |
| Microchip | 34LC02 (ISP)           | (138)  |
| Microchip | 34LC02 [MSOP8]         | (605)  |
| Microchip | 34LC02 [SOIC8]         | (950)  |
| Microchip | 34LC02 [SOT23-6]       | (523)  |
| Microchip | 34LC02 [TDFN8]         | (2995) |
| Microchip | 34LC02 [TSSOP8]        | (121)  |
| Microchip | 34VL02                 |        |
| Microchip | 34VL02 (ISP)           | (138)  |
| Microchip | 34VL02 [MSOP8]         | (605)  |
| Microchip | 34VL02 [SOIC8]         | (950)  |
| Microchip | 34VL02 [SOT23-6]       | (523)  |
| Microchip | 34VL02 [TDFN8]         | (2995) |
| Microchip | 34VL02 [TSSOP8]        | (121)  |
| Microchip | 37LV128                |        |
| Microchip | 37LV128 [PLCC20]       | (47)   |
| Microchip | 37LV128 [SOIC8]        | (950)  |
| Microchip | 37LV36                 |        |
| Microchip | 37LV36 [PLCC20]        | (47)   |
| Microchip | 37LV36 [SOIC8]         | (950)  |
| Microchip | 37LV65                 |        |
| Microchip | 37LV65 [PLCC20]        | (47)   |
| Microchip | 37LV65 [SOIC8]         | (950)  |
| Microchip | 47C04                  |        |
| Microchip | 47C04 (ISP)            | (138)  |
| Microchip | 47C04 [SOIC8]          | (950)  |
| Microchip | 47C04 [TSSOP8]         | (121)  |
| Microchip | 47C16                  |        |
| Microchip | 47C16 (ISP)            | (138)  |
| Microchip | 47C16 [SOIC8]          | (950)  |
| Microchip | 47C16 [TSSOP8]         | (121)  |
| Microchip | 47L04                  |        |
| Microchip | 47L04 (ISP)            | (138)  |
| Microchip | 47L04 [SOIC8]          | (950)  |
| Microchip | 47L04 [TSSOP8]         | (121)  |
| Microchip | 47L16                  |        |
| Microchip | 47L16 (ISP)            | (138)  |
| Microchip | 47L16 [SOIC8]          | (950)  |
| Microchip | 47L16 [TSSOP8]         | (121)  |
| Microchip | 59C11                  |        |
| Microchip | 59C11 (ISP)            | (138)  |
| Microchip | 59C11 (x8)             |        |
| Microchip | 59C11 (x8) (ISP)       | (138)  |
| Microchip | 59C11 (x8) [SOIC8-150] | (950)  |
| Microchip | 59C11 (x8) [SOIC8-207] | (46)   |
| Microchip | 59C11 [SOIC8-150]      | (950)  |
| Microchip | 59C11 [SOIC8-207]      | (46)   |
| Microchip | 85C72                  |        |
| Microchip | 85C72 (ISP)            | (138)  |
| Microchip | 85C72 [SOIC8-208]      | (46)   |
| Microchip | 85C82                  |        |
| Microchip | 85C82 (ISP)            | (138)  |
| Microchip | 85C82 [SOIC8-208]      | (46)   |
| Microchip | 85C92                  |        |
| Microchip | 85C92 (ISP)            | (138)  |
| Microchip | 85C92 [SOIC14]         | (951)  |
| Microchip | 85C92 [SOIC8-208]      | (46)   |
| Microchip | 89C51RB2-xL (ISP)      | (138)  |
| Microchip | 89C51RB2-xM            |        |
| Microchip | 89C51RB2-xM (ISP)      | (138)  |
| Microchip | 89C51RB2-xM [PLCC44]   | (67)   |
| Microchip | 89C51RB2-xM [VQFP44]   | (94)   |
| Microchip | 89C51RC2-xL (ISP)      | (138)  |
| Microchip | 89C51RC2-xM            |        |
| Microchip | 89C51RC2-xM (ISP)      | (138)  |
| Microchip | 89C51RC2-xM [PLCC44]   | (67)   |
| Microchip | 89C51RC2-xM [VQFP44]   | (94)   |
| Microchip | 89C51RD2-xL            |        |
| Microchip | 89C51RD2-xL (ISP)      | (138)  |
| Microchip | 89C51RD2-xL [PLCC44]   | (67)   |
| Microchip | 89C51RD2-xL [PLCC68]   | (178)  |
| Microchip | 89C51RD2-xL [VQFP44]   | (94)   |
| Microchip | 89C51RD2-xL [VQFP64]   | (152)  |
| Microchip | 89C51RD2-xM            |        |
| Microchip | 89C51RD2-xM (ISP)      | (138)  |
| Microchip | 89C51RD2-xM [PLCC44]   | (67)   |
| Microchip | 89C51RD2-xM [PLCC68]   | (178)  |
| Microchip | 89C51RD2-xM [VQFP44]   | (94)   |
| Microchip | 89C51RD2-xM [VQFP64]   | (152)  |
| Microchip | 93AA46                 |        |
| Microchip | 93AA46 (ISP)           | (138)  |
| Microchip | 93AA46 (x8)            |        |
| Microchip | 93AA46 (x8) (ISP)      | (138)  |
| Microchip | 93AA46 (x8) [SOIC8]    | (950)  |

|           |                         |        |
|-----------|-------------------------|--------|
| Microchip | 93AA46 (x8) [SOIC8-207] | (46)   |
| Microchip | 93AA46 [SOIC8]          | (950)  |
| Microchip | 93AA46 [SOIC8-207]      | (46)   |
| Microchip | 93AA46A                 |        |
| Microchip | 93AA46A (ISP)           | (138)  |
| Microchip | 93AA46A [DFN8]          | (2995) |
| Microchip | 93AA46A [MSOP8]         | (605)  |
| Microchip | 93AA46A [SOIC8]         | (950)  |
| Microchip | 93AA46A [SOT23-6]       | (523)  |
| Microchip | 93AA46A [TDFN8]         | (2995) |
| Microchip | 93AA46A [TSSOP8]        | (121)  |
| Microchip | 93AA46AE48 (ISP)        | (138)  |
| Microchip | 93AA46AE48 [SOIC8]      | (950)  |
| Microchip | 93AA46AE48 [SOT23-6]    | (523)  |
| Microchip | 93AA46AX [SOIC8]        | (950)  |
| Microchip | 93AA46B                 |        |
| Microchip | 93AA46B (ISP)           | (138)  |
| Microchip | 93AA46B [DFN8]          | (2995) |
| Microchip | 93AA46B [MSOP8]         | (605)  |
| Microchip | 93AA46B [SOIC8]         | (950)  |
| Microchip | 93AA46B [SOT23-6]       | (523)  |
| Microchip | 93AA46B [TDFN8]         | (2995) |
| Microchip | 93AA46B [TSSOP8]        | (121)  |
| Microchip | 93AA46BX [SOIC8]        | (950)  |
| Microchip | 93AA46C                 |        |
| Microchip | 93AA46C (ISP)           | (138)  |
| Microchip | 93AA46C (x8)            |        |
| Microchip | 93AA46C (x8) (ISP)      | (138)  |
| Microchip | 93AA46C (x8) [DFN8]     | (2995) |
| Microchip | 93AA46C (x8) [MSOP8]    | (605)  |
| Microchip | 93AA46C (x8) [SOIC8]    | (950)  |
| Microchip | 93AA46C (x8) [TDFN8]    | (2995) |
| Microchip | 93AA46C (x8) [TSSOP8]   | (121)  |
| Microchip | 93AA46C [DFN8]          | (2995) |
| Microchip | 93AA46C [MSOP8]         | (605)  |
| Microchip | 93AA46C [SOIC8]         | (950)  |
| Microchip | 93AA46C [TDFN8]         | (2995) |
| Microchip | 93AA46C [TSSOP8]        | (121)  |
| Microchip | 93AA46CX (x8) [SOIC8]   | (950)  |
| Microchip | 93AA46CX [SOIC8]        | (950)  |
| Microchip | 93AA46X (x8) [SOIC8]    | (950)  |
| Microchip | 93AA46X [SOIC8]         | (950)  |
| Microchip | 93AA56                  |        |
| Microchip | 93AA56 (ISP)            | (138)  |
| Microchip | 93AA56 (x8)             |        |
| Microchip | 93AA56 (x8) (ISP)       | (138)  |
| Microchip | 93AA56 (x8) [SOIC8]     | (950)  |
| Microchip | 93AA56 (x8) [SOIC8-207] | (46)   |
| Microchip | 93AA56 [SOIC8]          | (950)  |
| Microchip | 93AA56 [SOIC8-207]      | (46)   |
| Microchip | 93AA56A                 |        |
| Microchip | 93AA56A (ISP)           | (138)  |
| Microchip | 93AA56A [DFN8]          | (2995) |
| Microchip | 93AA56A [MSOP8]         | (605)  |
| Microchip | 93AA56A [SOIC8]         | (950)  |
| Microchip | 93AA56A [SOT23-6]       | (523)  |
| Microchip | 93AA56A [TDFN8]         | (2995) |
| Microchip | 93AA56A [TSSOP8]        | (121)  |
| Microchip | 93AA56AX [SOIC8]        | (950)  |
| Microchip | 93AA56B                 |        |
| Microchip | 93AA56B (ISP)           | (138)  |
| Microchip | 93AA56B [DFN8]          | (2995) |
| Microchip | 93AA56B [MSOP8]         | (605)  |
| Microchip | 93AA56B [SOIC8]         | (950)  |
| Microchip | 93AA56B [SOT23-6]       | (523)  |
| Microchip | 93AA56B [TDFN8]         | (2995) |
| Microchip | 93AA56B [TSSOP8]        | (121)  |
| Microchip | 93AA56BX [SOIC8]        | (950)  |
| Microchip | 93AA56C                 |        |
| Microchip | 93AA56C (ISP)           | (138)  |
| Microchip | 93AA56C (x8)            |        |
| Microchip | 93AA56C (x8) (ISP)      | (138)  |
| Microchip | 93AA56C (x8) [DFN8]     | (2995) |
| Microchip | 93AA56C (x8) [MSOP8]    | (605)  |
| Microchip | 93AA56C (x8) [SOIC8]    | (950)  |
| Microchip | 93AA56C (x8) [TDFN8]    | (2995) |
| Microchip | 93AA56C (x8) [TSSOP8]   | (121)  |
| Microchip | 93AA56C [DFN8]          | (2995) |
| Microchip | 93AA56C [MSOP8]         | (605)  |
| Microchip | 93AA56C [SOIC8]         | (950)  |
| Microchip | 93AA56C [TDFN8]         | (2995) |
| Microchip | 93AA56C [TSSOP8]        | (121)  |
| Microchip | 93AA56CX (x8) [SOIC8]   | (950)  |
| Microchip | 93AA56CX [SOIC8]        | (950)  |
| Microchip | 93AA56X (x8) [SOIC8]    | (950)  |
| Microchip | 93AA56X [SOIC8]         | (950)  |
| Microchip | 93AA66                  |        |
| Microchip | 93AA66 (ISP)            | (138)  |
| Microchip | 93AA66 (x8)             |        |
| Microchip | 93AA66 (x8) (ISP)       | (138)  |
| Microchip | 93AA66 (x8) [SOIC8]     | (950)  |
| Microchip | 93AA66 (x8) [SOIC8-207] | (46)   |
| Microchip | 93AA66 [SOIC8]          | (950)  |
| Microchip | 93AA66 [SOIC8-207]      | (46)   |
| Microchip | 93AA66A                 |        |
| Microchip | 93AA66A (ISP)           | (138)  |
| Microchip | 93AA66A [DFN8]          | (2995) |
| Microchip | 93AA66A [MSOP8]         | (605)  |
| Microchip | 93AA66A [SOIC8]         | (950)  |
| Microchip | 93AA66A [SOT23-6]       | (523)  |
| Microchip | 93AA66A [TDFN8]         | (2995) |
| Microchip | 93AA66A [TSSOP8]        | (121)  |
| Microchip | 93AA66AX [SOIC8]        | (950)  |
| Microchip | 93AA66B                 |        |
| Microchip | 93AA66B (ISP)           | (138)  |
| Microchip | 93AA66B [DFN8]          | (2995) |
| Microchip | 93AA66B [MSOP8]         | (605)  |
| Microchip | 93AA66B [SOIC8]         | (950)  |
| Microchip | 93AA66B [SOT23-6]       | (523)  |
| Microchip | 93AA66B [TDFN8]         | (2995) |
| Microchip | 93AA66B [TSSOP8]        | (121)  |
| Microchip | 93AA66BX [SOIC8]        | (950)  |
| Microchip | 93AA66C                 |        |
| Microchip | 93AA66C (ISP)           | (138)  |
| Microchip | 93AA66C (x8)            |        |
| Microchip | 93AA66C (x8) (ISP)      | (138)  |
| Microchip | 93AA66C (x8) [DFN8]     | (2995) |
| Microchip | 93AA66C (x8) [MSOP8]    | (605)  |
| Microchip | 93AA66C (x8) [SOIC8]    | (950)  |
| Microchip | 93AA66C (x8) [TDFN8]    | (2995) |
| Microchip | 93AA66C (x8) [TSSOP8]   | (121)  |
| Microchip | 93AA66C [DFN8]          | (2995) |
| Microchip | 93AA66C [MSOP8]         | (605)  |
| Microchip | 93AA66C [SOIC8]         | (950)  |
| Microchip | 93AA66C [TDFN8]         | (2995) |
| Microchip | 93AA66C [TSSOP8]        | (121)  |
| Microchip | 93AA66CX (x8) [SOIC8]   | (950)  |
| Microchip | 93AA66CX [SOIC8]        | (950)  |



|           |                        |        |
|-----------|------------------------|--------|
| Microchip | 93AA66X (x8) [SOIC8]   | (950)  |
| Microchip | 93AA66X [SOIC8]        | (950)  |
| Microchip | 93AA76                 |        |
| Microchip | 93AA76 (ISP)           | (138)  |
| Microchip | 93AA76 (x8)            |        |
| Microchip | 93AA76 (x8) (ISP)      | (138)  |
| Microchip | 93AA76 (x8) [SOIC8]    | (950)  |
| Microchip | 93AA76 [SOIC8]         | (950)  |
| Microchip | 93AA76A (ISP)          | (138)  |
| Microchip | 93AA76A [SOIC8]        | (950)  |
| Microchip | 93AA76A [SOT23-6]      | (523)  |
| Microchip | 93AA76B                |        |
| Microchip | 93AA76B (ISP)          | (138)  |
| Microchip | 93AA76B [SOIC8]        | (950)  |
| Microchip | 93AA76B [SOT23-6]      | (523)  |
| Microchip | 93AA76C                |        |
| Microchip | 93AA76C (ISP)          | (138)  |
| Microchip | 93AA76C (x8)           |        |
| Microchip | 93AA76C (x8) (ISP)     | (138)  |
| Microchip | 93AA76C (x8) [DFN8]    | (2995) |
| Microchip | 93AA76C (x8) [MSOP8]   | (605)  |
| Microchip | 93AA76C (x8) [SOIC8]   | (950)  |
| Microchip | 93AA76C (x8) [TSSOP8]  | (121)  |
| Microchip | 93AA76C [DFN8]         | (2995) |
| Microchip | 93AA76C [MSOP8]        | (605)  |
| Microchip | 93AA76C [SOIC8]        | (950)  |
| Microchip | 93AA76C [TSSOP8]       | (121)  |
| Microchip | 93AA76X (x8) [SOIC8]   | (950)  |
| Microchip | 93AA76X [SOIC8]        | (950)  |
| Microchip | 93AA86                 |        |
| Microchip | 93AA86 (ISP)           | (138)  |
| Microchip | 93AA86 (x8)            |        |
| Microchip | 93AA86 (x8) (ISP)      | (138)  |
| Microchip | 93AA86 (x8) [SOIC8]    | (950)  |
| Microchip | 93AA86 [SOIC8]         | (950)  |
| Microchip | 93AA86A (ISP)          | (138)  |
| Microchip | 93AA86A [SOT23-6]      | (523)  |
| Microchip | 93AA86B                |        |
| Microchip | 93AA86B (ISP)          | (138)  |
| Microchip | 93AA86B [SOIC8]        | (950)  |
| Microchip | 93AA86B [SOT23-6]      | (523)  |
| Microchip | 93AA86C                |        |
| Microchip | 93AA86C (ISP)          | (138)  |
| Microchip | 93AA86C (x8)           |        |
| Microchip | 93AA86C (x8) (ISP)     | (138)  |
| Microchip | 93AA86C (x8) [DFN8]    | (2995) |
| Microchip | 93AA86C (x8) [MSOP8]   | (605)  |
| Microchip | 93AA86C (x8) [SOIC8]   | (950)  |
| Microchip | 93AA86C (x8) [TDFN8]   | (2995) |
| Microchip | 93AA86C (x8) [TSSOP8]  | (121)  |
| Microchip | 93AA86C [DFN8]         | (2995) |
| Microchip | 93AA86C [MSOP8]        | (605)  |
| Microchip | 93AA86C [SOIC8]        | (950)  |
| Microchip | 93AA86C [TDFN8]        | (2995) |
| Microchip | 93AA86C [TSSOP8]       | (121)  |
| Microchip | 93AA86X (x8) [SOIC8]   | (950)  |
| Microchip | 93AA86X [SOIC8]        | (950)  |
| Microchip | 93C06                  |        |
| Microchip | 93C06 (ISP)            | (138)  |
| Microchip | 93C06 [SOIC8]          | (950)  |
| Microchip | 93C06 [SOIC8-207]      | (46)   |
| Microchip | 93C46                  |        |
| Microchip | 93C46 (ISP)            | (138)  |
| Microchip | 93C46 [SOIC8]          | (950)  |
| Microchip | 93C46 [SOIC8-207]      | (46)   |
| Microchip | 93C46A (x8)            |        |
| Microchip | 93C46A (x8) (ISP)      | (138)  |
| Microchip | 93C46A (x8) [MSOP8]    | (605)  |
| Microchip | 93C46A (x8) [SOIC8]    | (950)  |
| Microchip | 93C46A (x8) [TSSOP8]   | (121)  |
| Microchip | 93C46A [DFN8]          | (2995) |
| Microchip | 93C46A [SOT23-6]       | (523)  |
| Microchip | 93C46A [TDFN8]         | (2995) |
| Microchip | 93C46AX (x8) [SOIC8]   | (950)  |
| Microchip | 93C46B                 |        |
| Microchip | 93C46B (ISP)           | (138)  |
| Microchip | 93C46B [DFN8]          | (2995) |
| Microchip | 93C46B [MSOP8]         | (605)  |
| Microchip | 93C46B [SOIC8]         | (950)  |
| Microchip | 93C46B [SOT23-6]       | (523)  |
| Microchip | 93C46B [TDFN8]         | (2995) |
| Microchip | 93C46B [TSSOP8]        | (121)  |
| Microchip | 93C46BX [SOIC8]        | (950)  |
| Microchip | 93C46C                 |        |
| Microchip | 93C46C (ISP)           | (138)  |
| Microchip | 93C46C (x8)            |        |
| Microchip | 93C46C (x8) (ISP)      | (138)  |
| Microchip | 93C46C (x8) [DFN8]     | (2995) |
| Microchip | 93C46C (x8) [MSOP8]    | (605)  |
| Microchip | 93C46C (x8) [SOIC8]    | (950)  |
| Microchip | 93C46C (x8) [TDFN8]    | (2995) |
| Microchip | 93C46C (x8) [TSSOP8]   | (121)  |
| Microchip | 93C46C [DFN8]          | (2995) |
| Microchip | 93C46C [MSOP8]         | (605)  |
| Microchip | 93C46C [SOIC8]         | (950)  |
| Microchip | 93C46C [TDFN8]         | (2995) |
| Microchip | 93C46C [TSSOP8]        | (121)  |
| Microchip | 93C46CX (x8) [SOIC8]   | (950)  |
| Microchip | 93C46CX [SOIC8]        | (950)  |
| Microchip | 93C46X [SOIC8]         | (950)  |
| Microchip | 93C56                  |        |
| Microchip | 93C56 (ISP)            | (138)  |
| Microchip | 93C56 (x8)             |        |
| Microchip | 93C56 (x8) (ISP)       | (138)  |
| Microchip | 93C56 (x8) [SOIC8]     | (950)  |
| Microchip | 93C56 (x8) [SOIC8-207] | (46)   |
| Microchip | 93C56 [SOIC8]          | (950)  |
| Microchip | 93C56 [SOIC8-207]      | (46)   |
| Microchip | 93C56A (x8)            |        |
| Microchip | 93C56A (x8) (ISP)      | (138)  |
| Microchip | 93C56A (x8) [DFN8]     | (2995) |
| Microchip | 93C56A (x8) [MSOP8]    | (605)  |
| Microchip | 93C56A (x8) [SOIC8]    | (950)  |
| Microchip | 93C56A (x8) [TDFN8]    | (2995) |
| Microchip | 93C56A (x8) [TSSOP8]   | (121)  |
| Microchip | 93C56A [SOT23-6]       | (523)  |
| Microchip | 93C56AX (x8) [SOIC8]   | (950)  |
| Microchip | 93C56B                 |        |
| Microchip | 93C56B (ISP)           | (138)  |
| Microchip | 93C56B [DFN8]          | (2995) |
| Microchip | 93C56B [MSOP8]         | (605)  |
| Microchip | 93C56B [SOIC8]         | (950)  |
| Microchip | 93C56B [SOT23-6]       | (523)  |
| Microchip | 93C56B [TDFN8]         | (2995) |
| Microchip | 93C56B [TSSOP8]        | (121)  |
| Microchip | 93C56BX [SOIC8]        | (950)  |
| Microchip | 93C56C                 |        |
| Microchip | 93C56C (ISP)           | (138)  |

|           |                          |        |
|-----------|--------------------------|--------|
| Microchip | 93C56C (x8)              |        |
| Microchip | 93C56C (x8) (ISP)        | (138)  |
| Microchip | 93C56C (x8) [DFN8]       | (2995) |
| Microchip | 93C56C (x8) [MSOP8]      | (605)  |
| Microchip | 93C56C (x8) [SOIC8]      | (950)  |
| Microchip | 93C56C (x8) [TDFN8]      | (2995) |
| Microchip | 93C56C (x8) [TSSOP8]     | (121)  |
| Microchip | 93C56C [DFN8]            | (2995) |
| Microchip | 93C56C [MSOP8]           | (605)  |
| Microchip | 93C56C [SOIC8]           | (950)  |
| Microchip | 93C56C [TDFN8]           | (2995) |
| Microchip | 93C56C [TSSOP8]          | (121)  |
| Microchip | 93C56CX (x8) [SOIC8]     | (950)  |
| Microchip | 93C56CX [SOIC8]          | (950)  |
| Microchip | 93C56X (x8) [SOIC8]      | (950)  |
| Microchip | 93C56X [SOIC8]           | (950)  |
| Microchip | 93C66                    |        |
| Microchip | 93C66 (ISP)              | (138)  |
| Microchip | 93C66 (x8)               |        |
| Microchip | 93C66 (x8) (ISP)         | (138)  |
| Microchip | 93C66 (x8) [SOIC8]       | (950)  |
| Microchip | 93C66 (x8) [SOIC8-207]   | (46)   |
| Microchip | 93C66 [SOIC8]            | (950)  |
| Microchip | 93C66 [SOIC8-207]        | (46)   |
| Microchip | 93C66A (x8)              |        |
| Microchip | 93C66A (x8) (ISP)        | (138)  |
| Microchip | 93C66A (x8) [DFN8]       | (2995) |
| Microchip | 93C66A (x8) [MSOP8]      | (605)  |
| Microchip | 93C66A (x8) [SOIC8]      | (950)  |
| Microchip | 93C66A (x8) [TDFN8]      | (2995) |
| Microchip | 93C66A (x8) [TSSOP8]     | (121)  |
| Microchip | 93C66A [SOT23-6]         | (523)  |
| Microchip | 93C66B                   |        |
| Microchip | 93C66B (ISP)             | (138)  |
| Microchip | 93C66B [DFN8]            | (2995) |
| Microchip | 93C66B [MSOP8]           | (605)  |
| Microchip | 93C66B [SOIC8]           | (950)  |
| Microchip | 93C66B [SOT23-6]         | (523)  |
| Microchip | 93C66B [TDFN8]           | (2995) |
| Microchip | 93C66B [TSSOP8]          | (121)  |
| Microchip | 93C66C                   |        |
| Microchip | 93C66C (ISP)             | (138)  |
| Microchip | 93C66C (x8)              |        |
| Microchip | 93C66C (x8) (ISP)        | (138)  |
| Microchip | 93C66C (x8) [DFN8]       | (2995) |
| Microchip | 93C66C (x8) [MSOP8]      | (605)  |
| Microchip | 93C66C (x8) [SOIC8]      | (950)  |
| Microchip | 93C66C (x8) [TDFN8]      | (2995) |
| Microchip | 93C66C (x8) [TSSOP8]     | (121)  |
| Microchip | 93C66C [DFN8]            | (2995) |
| Microchip | 93C66C [MSOP8]           | (605)  |
| Microchip | 93C66C [SOIC8]           | (950)  |
| Microchip | 93C66C [TDFN8]           | (2995) |
| Microchip | 93C66C [TSSOP8]          | (121)  |
| Microchip | 93C66CX (x8) [SOIC8]     | (950)  |
| Microchip | 93C66CX [SOIC8]          | (950)  |
| Microchip | 93C76                    |        |
| Microchip | 93C76 (ISP)              | (138)  |
| Microchip | 93C76 (x8)               |        |
| Microchip | 93C76 (x8) (ISP)         | (138)  |
| Microchip | 93C76 (x8) [SOIC8]       | (950)  |
| Microchip | 93C76 [SOIC8]            | (950)  |
| Microchip | 93C76A (x8)              |        |
| Microchip | 93C76A (x8) (ISP)        | (138)  |
| Microchip | 93C76A (x8) [SOIC8]      | (950)  |
| Microchip | 93C76A [SOT23-6]         | (523)  |
| Microchip | 93C76B                   |        |
| Microchip | 93C76B [SOIC8]           | (950)  |
| Microchip | 93C76B [SOT23-6]         | (523)  |
| Microchip | 93C76C                   |        |
| Microchip | 93C76C (ISP)             | (138)  |
| Microchip | 93C76C (x8)              |        |
| Microchip | 93C76C (x8) (ISP)        | (138)  |
| Microchip | 93C76C (x8) [DFN8]       | (2995) |
| Microchip | 93C76C (x8) [MSOP8]      | (605)  |
| Microchip | 93C76C (x8) [SOIC8]      | (950)  |
| Microchip | 93C76C (x8) [TSSOP8]     | (121)  |
| Microchip | 93C76C [DFN8]            | (2995) |
| Microchip | 93C76C [MSOP8]           | (605)  |
| Microchip | 93C76C [SOIC8]           | (950)  |
| Microchip | 93C76C [TSSOP8]          | (121)  |
| Microchip | 93C86                    |        |
| Microchip | 93C86 (ISP)              | (138)  |
| Microchip | 93C86 [SOIC8]            | (950)  |
| Microchip | 93C86A (x8)              |        |
| Microchip | 93C86A (x8) (ISP)        | (138)  |
| Microchip | 93C86A (x8) [SOIC8]      | (950)  |
| Microchip | 93C86A [SOT23-6]         | (523)  |
| Microchip | 93C86B                   |        |
| Microchip | 93C86B [SOIC8]           | (950)  |
| Microchip | 93C86B [SOT23-6]         | (523)  |
| Microchip | 93C86C                   |        |
| Microchip | 93C86C (ISP)             | (138)  |
| Microchip | 93C86C (x8)              |        |
| Microchip | 93C86C (x8) (ISP)        | (138)  |
| Microchip | 93C86C (x8) [DFN8]       | (2995) |
| Microchip | 93C86C (x8) [MSOP8]      | (605)  |
| Microchip | 93C86C (x8) [SOIC8]      | (950)  |
| Microchip | 93C86C (x8) [TDFN8]      | (2995) |
| Microchip | 93C86C (x8) [TSSOP8]     | (121)  |
| Microchip | 93C86C [DFN8]            | (2995) |
| Microchip | 93C86C [MSOP8]           | (605)  |
| Microchip | 93C86C [SOIC8]           | (950)  |
| Microchip | 93C86C [TDFN8]           | (2995) |
| Microchip | 93C86C [TSSOP8]          | (121)  |
| Microchip | 93LC46                   |        |
| Microchip | 93LC46 (ISP)             | (138)  |
| Microchip | 93LC46 (x8)              |        |
| Microchip | 93LC46 (x8) (ISP)        | (138)  |
| Microchip | 93LC46 (x8) [SOIC8]      | (950)  |
| Microchip | 93LC46 (x8) [SOIC8-207]  | (46)   |
| Microchip | 93LC46 [SOIC8]           | (950)  |
| Microchip | 93LC46 [SOIC8-207]       | (46)   |
| Microchip | 93LC46A (x8)             |        |
| Microchip | 93LC46A (x8) (ISP)       | (138)  |
| Microchip | 93LC46A (x8) [DFN8]      | (2995) |
| Microchip | 93LC46A (x8) [MSOP8]     | (605)  |
| Microchip | 93LC46A (x8) [SOIC8]     | (950)  |
| Microchip | 93LC46A (x8) [SOIC8-207] | (46)   |
| Microchip | 93LC46A (x8) [TDFN8]     | (2995) |
| Microchip | 93LC46A (x8) [TSSOP8]    | (121)  |
| Microchip | 93LC46A [SOT23-6]        | (523)  |
| Microchip | 93LC46AX (x8) [SOIC8]    | (950)  |
| Microchip | 93LC46B                  |        |
| Microchip | 93LC46B (ISP)            | (138)  |
| Microchip | 93LC46B [DFN8]           | (2995) |
| Microchip | 93LC46B [MSOP8]          | (605)  |
| Microchip | 93LC46B [SOIC8]          | (950)  |

|           |          |                  |        |
|-----------|----------|------------------|--------|
| Microchip | 93LC46B  | [SOIC8-207]      | (46)   |
| Microchip | 93LC46B  | [SOT23-6]        | (523)  |
| Microchip | 93LC46B  | [TDFN8]          | (2995) |
| Microchip | 93LC46B  | [TSSOP8]         | (121)  |
| Microchip | 93LC46BX | [SOIC8]          | (950)  |
| Microchip | 93LC46C  |                  |        |
| Microchip | 93LC46C  | (ISP)            | (138)  |
| Microchip | 93LC46C  | (x8)             |        |
| Microchip | 93LC46C  | (x8) (ISP)       | (138)  |
| Microchip | 93LC46C  | (x8) [DFN8]      | (2995) |
| Microchip | 93LC46C  | (x8) [MSOP8]     | (605)  |
| Microchip | 93LC46C  | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC46C  | (x8) [TDFN8]     | (2995) |
| Microchip | 93LC46C  | (x8) [TSSOP8]    | (121)  |
| Microchip | 93LC46C  | [DFN8]           | (2995) |
| Microchip | 93LC46C  | [MSOP8]          | (605)  |
| Microchip | 93LC46C  | [SOIC8]          | (950)  |
| Microchip | 93LC46C  | [TDFN8]          | (2995) |
| Microchip | 93LC46C  | [TSSOP8]         | (121)  |
| Microchip | 93LC46CX | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC46CX | [SOIC8]          | (950)  |
| Microchip | 93LC46X  | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC46X  | [SOIC8]          | (950)  |
| Microchip | 93LC56   |                  |        |
| Microchip | 93LC56   | (ISP)            | (138)  |
| Microchip | 93LC56   | (x8)             |        |
| Microchip | 93LC56   | (x8) (ISP)       | (138)  |
| Microchip | 93LC56   | (x8) [SOIC14]    | (951)  |
| Microchip | 93LC56   | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC56   | (x8) [SOIC8-207] | (46)   |
| Microchip | 93LC56   | [SOIC14]         | (951)  |
| Microchip | 93LC56   | [SOIC8]          | (950)  |
| Microchip | 93LC56   | [SOIC8-207]      | (46)   |
| Microchip | 93LC56A  | (ISP)            | (138)  |
| Microchip | 93LC56A  | (x8)             |        |
| Microchip | 93LC56A  | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC56A  | (x8) [SOIC8-207] | (46)   |
| Microchip | 93LC56A  | (x8) [TSSOP8]    | (121)  |
| Microchip | 93LC56A  | [DFN8]           | (2995) |
| Microchip | 93LC56A  | [MSOP8]          | (605)  |
| Microchip | 93LC56A  | [SOT23-6]        | (523)  |
| Microchip | 93LC56A  | [TDFN8]          | (2995) |
| Microchip | 93LC56AX | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC56B  |                  |        |
| Microchip | 93LC56B  | (ISP)            | (138)  |
| Microchip | 93LC56B  | [DFN8]           | (2995) |
| Microchip | 93LC56B  | [MSOP8]          | (605)  |
| Microchip | 93LC56B  | [SOIC14]         | (951)  |
| Microchip | 93LC56B  | [SOIC8]          | (950)  |
| Microchip | 93LC56B  | [SOIC8-207]      | (46)   |
| Microchip | 93LC56B  | [SOT23-6]        | (523)  |
| Microchip | 93LC56B  | [TDFN8]          | (2995) |
| Microchip | 93LC56B  | [TSSOP8]         | (121)  |
| Microchip | 93LC56BX | [SOIC8]          | (950)  |
| Microchip | 93LC56C  |                  |        |
| Microchip | 93LC56C  | (ISP)            | (138)  |
| Microchip | 93LC56C  | (x8)             |        |
| Microchip | 93LC56C  | (x8) (ISP)       | (138)  |
| Microchip | 93LC56C  | (x8) [DFN8]      | (2995) |
| Microchip | 93LC56C  | (x8) [MSOP8]     | (605)  |
| Microchip | 93LC56C  | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC56C  | (x8) [TDFN8]     | (2995) |
| Microchip | 93LC56C  | (x8) [TSSOP8]    | (121)  |
| Microchip | 93LC56C  | [DFN8]           | (2995) |
| Microchip | 93LC56C  | [MSOP8]          | (605)  |
| Microchip | 93LC56C  | [SOIC8]          | (950)  |
| Microchip | 93LC56C  | [TDFN8]          | (2995) |
| Microchip | 93LC56C  | [TSSOP8]         | (121)  |
| Microchip | 93LC56CX | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC56CX | [SOIC8]          | (950)  |
| Microchip | 93LC56X  | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC56X  | [SOIC8]          | (950)  |
| Microchip | 93LC66   |                  |        |
| Microchip | 93LC66   | (ISP)            | (138)  |
| Microchip | 93LC66   | (x8)             |        |
| Microchip | 93LC66   | (x8) (ISP)       | (138)  |
| Microchip | 93LC66   | (x8) [SOIC14]    | (951)  |
| Microchip | 93LC66   | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC66   | (x8) [SOIC8-207] | (46)   |
| Microchip | 93LC66   | [SOIC14]         | (951)  |
| Microchip | 93LC66   | [SOIC8]          | (950)  |
| Microchip | 93LC66   | [SOIC8-207]      | (46)   |
| Microchip | 93LC66A  | (ISP)            | (138)  |
| Microchip | 93LC66A  | (x8)             |        |
| Microchip | 93LC66A  | (x8) [DFN8]      | (2995) |
| Microchip | 93LC66A  | (x8) [MSOP8]     | (605)  |
| Microchip | 93LC66A  | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC66A  | (x8) [SOIC8-207] | (46)   |
| Microchip | 93LC66A  | (x8) [TDFN8]     | (2995) |
| Microchip | 93LC66A  | (x8) [TSSOP8]    | (121)  |
| Microchip | 93LC66A  | [SOT23-6]        | (523)  |
| Microchip | 93LC66AX | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC66B  |                  |        |
| Microchip | 93LC66B  | (ISP)            | (138)  |
| Microchip | 93LC66B  | [DFN8]           | (2995) |
| Microchip | 93LC66B  | [MSOP8]          | (605)  |
| Microchip | 93LC66B  | [SOIC14]         | (951)  |
| Microchip | 93LC66B  | [SOIC8]          | (950)  |
| Microchip | 93LC66B  | [SOIC8-207]      | (46)   |
| Microchip | 93LC66B  | [SOT23-6]        | (523)  |
| Microchip | 93LC66B  | [TDFN8]          | (2995) |
| Microchip | 93LC66B  | [TSSOP8]         | (121)  |
| Microchip | 93LC66BX | [SOIC8]          | (950)  |
| Microchip | 93LC66C  |                  |        |
| Microchip | 93LC66C  | (ISP)            | (138)  |
| Microchip | 93LC66C  | (x8)             |        |
| Microchip | 93LC66C  | (x8) (ISP)       | (138)  |
| Microchip | 93LC66C  | (x8) [DFN8]      | (2995) |
| Microchip | 93LC66C  | (x8) [MSOP8]     | (605)  |
| Microchip | 93LC66C  | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC66C  | (x8) [TDFN8]     | (2995) |
| Microchip | 93LC66C  | (x8) [TSSOP8]    | (121)  |
| Microchip | 93LC66C  | [DFN8]           | (2995) |
| Microchip | 93LC66C  | [MSOP8]          | (605)  |
| Microchip | 93LC66C  | [SOIC8]          | (950)  |
| Microchip | 93LC66C  | [TDFN8]          | (2995) |
| Microchip | 93LC66C  | [TSSOP8]         | (121)  |
| Microchip | 93LC66CX | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC66CX | [SOIC8]          | (950)  |
| Microchip | 93LC66X  | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC66X  | [SOIC8]          | (950)  |
| Microchip | 93LC76   |                  |        |
| Microchip | 93LC76   | (ISP)            | (138)  |
| Microchip | 93LC76   | (x8)             |        |
| Microchip | 93LC76   | (x8) (ISP)       | (138)  |
| Microchip | 93LC76   | (x8) [SOIC8]     | (950)  |
| Microchip | 93LC76   | [SOIC8]          | (950)  |
| Microchip | 93LC76A  | (x8)             |        |

|           |                        |              |
|-----------|------------------------|--------------|
| Microchip | 93LC76A (x8) (ISP)     | (138)        |
| Microchip | 93LC76A (x8) [SOIC8]   | (950)        |
| Microchip | 93LC76A [SOT23-6]      | (523)        |
| Microchip | 93LC76AX (x8) [SOIC8]  | (950)        |
| Microchip | 93LC76B                |              |
| Microchip | 93LC76B [SOIC8]        | (950)        |
| Microchip | 93LC76B [SOT23-6]      | (523)        |
| Microchip | 93LC76C                |              |
| Microchip | 93LC76C (ISP)          | (138)        |
| Microchip | 93LC76C (x8)           |              |
| Microchip | 93LC76C (x8) (ISP)     | (138)        |
| Microchip | 93LC76C (x8) [DFN8]    | (2995)       |
| Microchip | 93LC76C (x8) [MSOP8]   | (605)        |
| Microchip | 93LC76C (x8) [SOIC8]   | (950)        |
| Microchip | 93LC76C (x8) [TSSOP8]  | (121)        |
| Microchip | 93LC76C [DFN8]         | (2995)       |
| Microchip | 93LC76C [MSOP8]        | (605)        |
| Microchip | 93LC76C [SOIC8]        | (950)        |
| Microchip | 93LC76C [TSSOP8]       | (121)        |
| Microchip | 93LC76X (x8) [SOIC8]   | (950)        |
| Microchip | 93LC76X [SOIC8]        | (950)        |
| Microchip | 93LC86                 |              |
| Microchip | 93LC86 (ISP)           | (138)        |
| Microchip | 93LC86 (x8)            |              |
| Microchip | 93LC86 (x8) (ISP)      | (138)        |
| Microchip | 93LC86 (x8) [SOIC8]    | (950)        |
| Microchip | 93LC86 [SOIC8]         | (950)        |
| Microchip | 93LC86A (x8)           |              |
| Microchip | 93LC86A (x8) (ISP)     | (138)        |
| Microchip | 93LC86A (x8) [SOIC8]   | (950)        |
| Microchip | 93LC86A [SOT23-6]      | (523)        |
| Microchip | 93LC86AX (x8) [SOIC8]  | (950)        |
| Microchip | 93LC86B                |              |
| Microchip | 93LC86B [SOIC8]        | (950)        |
| Microchip | 93LC86B [SOT23-6]      | (523)        |
| Microchip | 93LC86C                |              |
| Microchip | 93LC86C (ISP)          | (138)        |
| Microchip | 93LC86C (x8)           |              |
| Microchip | 93LC86C (x8) (ISP)     | (138)        |
| Microchip | 93LC86C (x8) [DFN8]    | (2995)       |
| Microchip | 93LC86C (x8) [MSOP8]   | (605)        |
| Microchip | 93LC86C (x8) [SOIC8]   | (950)        |
| Microchip | 93LC86C (x8) [TDFN8]   | (2995)       |
| Microchip | 93LC86C (x8) [TSSOP8]  | (121)        |
| Microchip | 93LC86C [DFN8]         | (2995)       |
| Microchip | 93LC86C [MSOP8]        | (605)        |
| Microchip | 93LC86C [SOIC8]        | (950)        |
| Microchip | 93LC86C [TDFN8]        | (2995)       |
| Microchip | 93LC86C [TSSOP8]       | (121)        |
| Microchip | 93LC86X (x8) [SOIC8]   | (950)        |
| Microchip | 93LC86X [SOIC8]        | (950)        |
| Microchip | 93LCS36                |              |
| Microchip | 93LCS36 [SOIC14]       | (951)        |
| Microchip | 93LCS36 [SOIC8]        | (950)        |
| Microchip | 93LCS36 [SOIC8-207]    | (46)         |
| Microchip | 93LCS66                |              |
| Microchip | 93LCS66 [SOIC14]       | (951)        |
| Microchip | 93LCS66 [SOIC8]        | (950)        |
| Microchip | 93LCS66 [SOIC8-207]    | (46)         |
| Microchip | AT17F040 [LAP8]        | (694)        |
| Microchip | AT17F040 [PLCC20]      | (47)         |
| Microchip | AT17F040A [LAP8]       | (694)        |
| Microchip | AT17F040A [PLCC20]     | (47)         |
| Microchip | AT17F040A [TQFP32]     | (159)        |
| Microchip | AT17F040-xxvj [PLCC20] | (47)         |
| Microchip | AT17F080 [LAP8]        | (694)        |
| Microchip | AT17F080 [PLCC20]      | (47)         |
| Microchip | AT17F080 [PLCC44]      | (67)         |
| Microchip | AT17F080 [TQFP44]      | (94)         |
| Microchip | AT17F080A [LAP8]       | (694)        |
| Microchip | AT17F080A [PLCC20]     | (47)         |
| Microchip | AT17F080A [TQFP32]     | (159)        |
| Microchip | AT17F16 [LAP8]         | (694)        |
| Microchip | AT17F16 [PLCC20]       | (47)         |
| Microchip | AT17F16 [PLCC44]       | (67)         |
| Microchip | AT17F16 [TQFP44]       | (94)         |
| Microchip | AT17F16A [LAP8]        | (694)        |
| Microchip | AT17F16A [PLCC20]      | (47)         |
| Microchip | AT17LV002 [LAP8]       | (694)        |
| Microchip | AT17LV002 [PLCC20]     | (47)         |
| Microchip | AT17LV002 [PLCC44]     | (67)         |
| Microchip | AT17LV002 [SOIC20]     | (119)        |
| Microchip | AT17LV002 [TQFP44]     | (94)         |
| Microchip | AT17LV002A [PLCC20]    | (47)         |
| Microchip | AT17LV002A [TQFP32]    | (159)        |
| Microchip | AT17LV010              |              |
| Microchip | AT17LV010 [FP28]       | (1010)       |
| Microchip | AT17LV010 [LAP8]       | (694)        |
| Microchip | AT17LV010 [PLCC20]     | (47)         |
| Microchip | AT17LV010 [SOIC20]     | (119)        |
| Microchip | AT17LV010A             |              |
| Microchip | AT17LV010A [PLCC20]    | (47)         |
| Microchip | AT17LV010A [TQFP32]    | (159)        |
| Microchip | AT17LV040 [PLCC44]     | (67)         |
| Microchip | AT17LV040 [TQFP44]     | (94)         |
| Microchip | AT17LV256              |              |
| Microchip | AT17LV256 (ISP)        | (138)        |
| Microchip | AT17LV256 [LAP8]       | (694)        |
| Microchip | AT17LV256 [PLCC20]     | (47)         |
| Microchip | AT17LV256 [SOIC20]     | (119)        |
| Microchip | AT17LV256 [SOIC8]      | (950)        |
| Microchip | AT17LV512              |              |
| Microchip | AT17LV512 (ISP)        | (138)        |
| Microchip | AT17LV512 [LAP8]       | (694)        |
| Microchip | AT17LV512 [PLCC20]     | (47)         |
| Microchip | AT17LV512 [SOIC20]     | (119)        |
| Microchip | AT17LV512A             |              |
| Microchip | AT17LV512A (ISP)       | (138)        |
| Microchip | AT17LV512A [PLCC20]    | (47)         |
| Microchip | AT21CS01 (ISP-SWI)     | (138) (9997) |
| Microchip | AT21CS01 [SOT23]       | (1257)       |
| Microchip | AT21CS11 (ISP-SWI)     | (138) (9997) |
| Microchip | AT21CS11 [SOT23]       | (1257)       |
| Microchip | AT24C01C               |              |
| Microchip | AT24C01C (ISP)         | (138)        |
| Microchip | AT24C01C [SOIC8-150]   | (950)        |
| Microchip | AT24C01C [TSSOP8]      | (121)        |
| Microchip | AT24C01C [UDFN8-2x3]   | (4538)       |
| Microchip | AT24C01D               |              |
| Microchip | AT24C01D (ISP)         | (138)        |
| Microchip | AT24C01D [SOIC8-150]   | (950)        |
| Microchip | AT24C01D [SOT23-5]     | (523)        |
| Microchip | AT24C01D [TSSOP8]      | (121)        |
| Microchip | AT24C01D [UDFN8-2x3]   | (4538)       |
| Microchip | AT24C01D [VFBGA-8U3-1] | (548)        |
| Microchip | AT24C02C (ISP)         | (138)        |
| Microchip | AT24C02C [SOIC8-150]   | (950)        |
| Microchip | AT24C02C [TSSOP8]      | (121)        |

|           |            |                  |        |
|-----------|------------|------------------|--------|
| Microchip | AT24C02C   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C02D   |                  |        |
| Microchip | AT24C02D   | (ISP)            | (138)  |
| Microchip | AT24C02D   | [SOIC8-150]      | (950)  |
| Microchip | AT24C02D   | [SOT23-5]        | (523)  |
| Microchip | AT24C02D   | [TSSOP8]         | (121)  |
| Microchip | AT24C02D   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C02D   | [VFBGA-8U3-1]    | (548)  |
| Microchip | AT24C04C   | (ISP)            | (138)  |
| Microchip | AT24C04C   | [SOIC8-150]      | (950)  |
| Microchip | AT24C04C   | [TSSOP8]         | (121)  |
| Microchip | AT24C04C   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C04D   |                  |        |
| Microchip | AT24C04D   | (ISP)            | (138)  |
| Microchip | AT24C04D   | [SOIC8-150]      | (950)  |
| Microchip | AT24C04D   | [SOT23-5]        | (523)  |
| Microchip | AT24C04D   | [TSSOP8]         | (121)  |
| Microchip | AT24C04D   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C04D   | [VFBGA-8U3-1]    | (548)  |
| Microchip | AT24C08C   | (ISP)            | (138)  |
| Microchip | AT24C08C   | [SOIC8-150]      | (950)  |
| Microchip | AT24C08C   | [TSSOP8]         | (121)  |
| Microchip | AT24C08C   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C08D   |                  |        |
| Microchip | AT24C08D   | (ISP)            | (138)  |
| Microchip | AT24C08D   | [SOIC8-150]      | (950)  |
| Microchip | AT24C08D   | [SOT23-5]        | (523)  |
| Microchip | AT24C08D   | [TSSOP8]         | (121)  |
| Microchip | AT24C08D   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C08D   | [VFBGA-8U3-1]    | (548)  |
| Microchip | AT24C128C  | (ISP)            | (138)  |
| Microchip | AT24C128C  | [SOIC8-150]      | (950)  |
| Microchip | AT24C128C  | [TSSOP8]         | (121)  |
| Microchip | AT24C128C  | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C16C   | (ISP)            | (138)  |
| Microchip | AT24C16C   | [SOIC8-150]      | (950)  |
| Microchip | AT24C16C   | [TSSOP8]         | (121)  |
| Microchip | AT24C16C   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C16D   |                  |        |
| Microchip | AT24C16D   | (ISP)            | (138)  |
| Microchip | AT24C16D   | [SOIC8-150]      | (950)  |
| Microchip | AT24C16D   | [SOT23-5]        | (523)  |
| Microchip | AT24C16D   | [TSSOP8]         | (121)  |
| Microchip | AT24C16D   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C16D   | [VFBGA-8U3-1]    | (548)  |
| Microchip | AT24C256C  | (ISP)            | (138)  |
| Microchip | AT24C256C  | [SOIC8-150]      | (950)  |
| Microchip | AT24C256C  | [TSSOP8]         | (121)  |
| Microchip | AT24C256C  | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C32D   | (ISP)            | (138)  |
| Microchip | AT24C32D   | [SOIC8] (EPS-01) | (950)  |
| Microchip | AT24C32D   | [SOIC8-150]      | (950)  |
| Microchip | AT24C32D   | [SOT23-5]        | (523)  |
| Microchip | AT24C32D   | [TSSOP8]         | (121)  |
| Microchip | AT24C32D   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C32D   | [VFBGA-8U3-1]    | (548)  |
| Microchip | AT24C32E   |                  |        |
| Microchip | AT24C32E   | (ISP)            | (138)  |
| Microchip | AT24C32E   | [SOIC8-150]      | (950)  |
| Microchip | AT24C32E   | [SOT23-5]        | (523)  |
| Microchip | AT24C32E   | [TSSOP8]         | (121)  |
| Microchip | AT24C32E   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C32E   | [VFBGA-8U3-1]    | (548)  |
| Microchip | AT24C512C  | (ISP)            | (138)  |
| Microchip | AT24C512C  | [SOIC8-150]      | (950)  |
| Microchip | AT24C512C  | [TSSOP8]         | (121)  |
| Microchip | AT24C512C  | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C512C  | [VFBGA2-8U2-1]   | (713)  |
| Microchip | AT24C64B   | (ISP)            | (138)  |
| Microchip | AT24C64B   | [SOIC8-150]      | (950)  |
| Microchip | AT24C64B   | [TSSOP8]         | (121)  |
| Microchip | AT24C64B   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24C64D   | (ISP)            | (138)  |
| Microchip | AT24C64D   | [SOIC8-150]      | (950)  |
| Microchip | AT24C64D   | [TSSOP8]         | (121)  |
| Microchip | AT24C64D   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24CM01   | (ISP)            | (138)  |
| Microchip | AT24CM01   | [SOIC8-150]      | (950)  |
| Microchip | AT24CM02   | (ISP)            | (138)  |
| Microchip | AT24CM02   | [SOIC8-150]      | (950)  |
| Microchip | AT24CS01   | (ISP)            | (138)  |
| Microchip | AT24CS01   | [SOIC8-150]      | (950)  |
| Microchip | AT24CS01   | [SOT23-5]        | (523)  |
| Microchip | AT24CS01   | [TSSOP8]         | (121)  |
| Microchip | AT24CS01   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24CS02   | (ISP)            | (138)  |
| Microchip | AT24CS02   | [SOIC8-150]      | (950)  |
| Microchip | AT24CS02   | [SOT23-5]        | (523)  |
| Microchip | AT24CS02   | [TSSOP8]         | (121)  |
| Microchip | AT24CS02   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24CS04   | (ISP)            | (138)  |
| Microchip | AT24CS04   | [SOIC8-150]      | (950)  |
| Microchip | AT24CS04   | [SOT23-5]        | (523)  |
| Microchip | AT24CS04   | [TSSOP8]         | (121)  |
| Microchip | AT24CS04   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24CS08   | (ISP)            | (138)  |
| Microchip | AT24CS08   | [SOIC8-150]      | (950)  |
| Microchip | AT24CS08   | [SOT23-5]        | (523)  |
| Microchip | AT24CS08   | [TSSOP8]         | (121)  |
| Microchip | AT24CS08   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24CS16   | (ISP)            | (138)  |
| Microchip | AT24CS16   | [SOIC8-150]      | (950)  |
| Microchip | AT24CS16   | [SOT23-5]        | (523)  |
| Microchip | AT24CS16   | [TSSOP8]         | (121)  |
| Microchip | AT24CS16   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24CS32   | (ISP)            | (138)  |
| Microchip | AT24CS32   | [SOIC8-150]      | (950)  |
| Microchip | AT24CS32   | [SOT23-5]        | (523)  |
| Microchip | AT24CS32   | [TSSOP8]         | (121)  |
| Microchip | AT24CS32   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24CS64   | (ISP)            | (138)  |
| Microchip | AT24CS64   | [SOIC8-150]      | (950)  |
| Microchip | AT24CS64   | [TSSOP8]         | (121)  |
| Microchip | AT24CS64   | [UDFN8-2x3]      | (4538) |
| Microchip | AT24HC02B  | (ISP)            | (138)  |
| Microchip | AT24HC02B  | [SOIC8-150]      | (950)  |
| Microchip | AT24HC02B  | [TSSOP8]         | (121)  |
| Microchip | AT24HC02C  |                  |        |
| Microchip | AT24HC02C  | (ISP)            | (138)  |
| Microchip | AT24HC02C  | [SOIC8-150]      | (950)  |
| Microchip | AT24HC02C  | [TSSOP8]         | (121)  |
| Microchip | AT24HC04B  |                  |        |
| Microchip | AT24HC04B  | (ISP)            | (138)  |
| Microchip | AT24HC04B  | [SOIC8-150]      | (950)  |
| Microchip | AT24HC04B  | [TSSOP8]         | (121)  |
| Microchip | AT24MAC402 | (ISP)            | (138)  |
| Microchip | AT24MAC402 | [SOIC8-150]      | (950)  |
| Microchip | AT24MAC402 | [TSOT23-5]       | (523)  |

|           |            |               |        |
|-----------|------------|---------------|--------|
| Microchip | AT24MAC402 | [TSSOP8]      | (121)  |
| Microchip | AT24MAC402 | [UDFN8-2x3]   | (4538) |
| Microchip | AT24MAC602 | (ISP)         | (138)  |
| Microchip | AT24MAC602 | [SOIC8-150]   | (950)  |
| Microchip | AT24MAC602 | [TSOT23-5]    | (523)  |
| Microchip | AT24MAC602 | [TSSOP8]      | (121)  |
| Microchip | AT24MAC602 | [UDFN8-2x3]   | (4538) |
| Microchip | AT25010B   | (ISP)         | (138)  |
| Microchip | AT25010B   | [SOIC8-150]   | (950)  |
| Microchip | AT25010B   | [TSSOP8]      | (121)  |
| Microchip | AT25010B   | [UDFN8-2x3]   | (4538) |
| Microchip | AT25010B   | [VFBGA-8U3-1] | (548)  |
| Microchip | AT25020B   | (ISP)         | (138)  |
| Microchip | AT25020B   | [SOIC8-150]   | (950)  |
| Microchip | AT25020B   | [TSSOP8]      | (121)  |
| Microchip | AT25020B   | [UDFN8-2x3]   | (4538) |
| Microchip | AT25020B   | [VFBGA-8U3-1] | (548)  |
| Microchip | AT25040B   | (ISP)         | (138)  |
| Microchip | AT25040B   | [SOIC8-150]   | (950)  |
| Microchip | AT25040B   | [TSSOP8]      | (121)  |
| Microchip | AT25040B   | [UDFN8-2x3]   | (4538) |
| Microchip | AT25040B   | [VFBGA-8U3-1] | (548)  |
| Microchip | AT25080B   | (ISP)         | (138)  |
| Microchip | AT25080B   | [SOIC8-150]   | (950)  |
| Microchip | AT25080B   | [TSSOP8]      | (121)  |
| Microchip | AT25080B   | [UDFN8-2x3]   | (4538) |
| Microchip | AT25128B   | (ISP)         | (138)  |
| Microchip | AT25128B   | [SOIC8-150]   | (950)  |
| Microchip | AT25128B   | [TSSOP8]      | (121)  |
| Microchip | AT25128B   | [UDFN8-2x3]   | (4538) |
| Microchip | AT25160B   | (ISP)         | (138)  |
| Microchip | AT25160B   | [SOIC8-150]   | (950)  |
| Microchip | AT25160B   | [TSSOP8]      | (121)  |
| Microchip | AT25160B   | [UDFN8-2x3]   | (4538) |
| Microchip | AT25256B   | (ISP)         | (138)  |
| Microchip | AT25256B   | [SOIC8-150]   | (950)  |
| Microchip | AT25256B   | [TSSOP8]      | (121)  |
| Microchip | AT25256B   | [UDFN8-2x3]   | (4538) |
| Microchip | AT25320B   | (ISP)         | (138)  |
| Microchip | AT25320B   | [SOIC8-150]   | (950)  |
| Microchip | AT25320B   | [TSSOP8]      | (121)  |
| Microchip | AT25320B   | [UDFN8-2x3]   | (4538) |
| Microchip | AT25512    | (ISP)         | (138)  |
| Microchip | AT25512    | [SOIC8-150]   | (950)  |
| Microchip | AT25512    | [TSSOP8]      | (121)  |
| Microchip | AT25640B   | (ISP)         | (138)  |
| Microchip | AT25640B   | [SOIC8-150]   | (950)  |
| Microchip | AT25640B   | [TSSOP8]      | (121)  |
| Microchip | AT25640B   | [UDFN8-2x3]   | (4538) |
| Microchip | AT25M01    | (ISP)         | (138)  |
| Microchip | AT25M01    | [SOIC8-150]   | (950)  |
| Microchip | AT25M01    | [SOIC8-200]   | (46)   |
| Microchip | AT25M02    | (ISP)         | (138)  |
| Microchip | AT25M02    | [SOIC8-150]   | (950)  |
| Microchip | AT27BV010  | [PLCC32]      | (59)   |
| Microchip | AT27BV1024 | [PLCC44]      | (67)   |
| Microchip | AT27BV256  | [PLCC32]      | (59)   |
| Microchip | AT27C010   |               |        |
| Microchip | AT27C010   | [PLCC32]      | (59)   |
| Microchip | AT27C020   |               |        |
| Microchip | AT27C020   | [PLCC32]      | (59)   |
| Microchip | AT27C040   |               |        |
| Microchip | AT27C040   | [PLCC32]      | (59)   |
| Microchip | AT27C080   |               |        |
| Microchip | AT27C080   | [PLCC32]      | (59)   |
| Microchip | AT27C1024  |               |        |
| Microchip | AT27C1024  | [PLCC44]      | (67)   |
| Microchip | AT27C2048  | [PLCC44]      | (67)   |
| Microchip | AT27C256R  |               |        |
| Microchip | AT27C256R  | [PLCC32]      | (59)   |
| Microchip | AT27C4096  | [PLCC44]      | (67)   |
| Microchip | AT27C512R  |               |        |
| Microchip | AT27C512R  | [PLCC32]      | (59)   |
| Microchip | AT27LV010A | [PLCC32]      | (59)   |
| Microchip | AT27LV020A | [PLCC32]      | (59)   |
| Microchip | AT27LV040A | [PLCC32]      | (59)   |
| Microchip | AT27LV256A | [PLCC32]      | (59)   |
| Microchip | AT27LV512A | [PLCC32]      | (59)   |
| Microchip | AT28BV256  | [PLCC32]      | (59)   |
| Microchip | AT28BV256  | [SOIC28]      | (51)   |
| Microchip | AT28BV256  | [TSOP28]      | (54)   |
| Microchip | AT28BV64B  |               |        |
| Microchip | AT28BV64B  | [PLCC32]      | (59)   |
| Microchip | AT28BV64B  | [SOIC28]      | (51)   |
| Microchip | AT28BV64B  | [TSOP28]      | (54)   |
| Microchip | AT28C010   |               |        |
| Microchip | AT28C010   | [FP32]        | (1546) |
| Microchip | AT28C010   | [LCC32]       | (561)  |
| Microchip | AT28C010   | [LCC44]       | (739)  |
| Microchip | AT28C010   | [PLCC32]      | (59)   |
| Microchip | AT28C010E  |               |        |
| Microchip | AT28C010E  | [LCC32]       | (561)  |
| Microchip | AT28C010E  | [PLCC32]      | (59)   |
| Microchip | AT28C040   | [FP32]        | (1546) |
| Microchip | AT28C040   | [LCC44]       | (739)  |
| Microchip | AT28C256   |               |        |
| Microchip | AT28C256   | [FP28]        | (1546) |
| Microchip | AT28C256   | [LCC32]       | (561)  |
| Microchip | AT28C256   | [PLCC32]      | (59)   |
| Microchip | AT28C256   | [SOIC28]      | (51)   |
| Microchip | AT28C256   | [TSOP28]      | (54)   |
| Microchip | AT28C256E  |               |        |
| Microchip | AT28C256E  | [FP28]        | (1546) |
| Microchip | AT28C256E  | [LCC32]       | (561)  |
| Microchip | AT28C256E  | [PLCC32]      | (59)   |
| Microchip | AT28C256E  | [SOIC28]      | (51)   |
| Microchip | AT28C256E  | [TSOP28]      | (54)   |
| Microchip | AT28C256F  |               |        |
| Microchip | AT28C256F  | [FP28]        | (1546) |
| Microchip | AT28C256F  | [LCC32]       | (561)  |
| Microchip | AT28C256F  | [PLCC32]      | (59)   |
| Microchip | AT28C256F  | [SOIC28]      | (51)   |
| Microchip | AT28C256F  | [TSOP28]      | (54)   |
| Microchip | AT28C64B   |               |        |
| Microchip | AT28C64B   | [PLCC32]      | (59)   |
| Microchip | AT28C64B   | [SOIC28]      | (51)   |
| Microchip | AT28C64B   | [TSOP28]      | (54)   |
| Microchip | AT28HC256  |               |        |
| Microchip | AT28HC256  | [FP28]        | (1546) |
| Microchip | AT28HC256  | [LCC32]       | (561)  |
| Microchip | AT28HC256  | [PLCC32]      | (59)   |
| Microchip | AT28HC256  | [SOIC28]      | (51)   |
| Microchip | AT28HC256  | [TSOP28]      | (54)   |
| Microchip | AT28HC256E |               |        |
| Microchip | AT28HC256E | [FP28]        | (1546) |
| Microchip | AT28HC256E | [LCC32]       | (561)  |
| Microchip | AT28HC256E | [PLCC32]      | (59)   |
| Microchip | AT28HC256E | [SOIC28]      | (51)   |

|           |                          |              |
|-----------|--------------------------|--------------|
| Microchip | AT28HC256E [TSOP28]      | (54)         |
| Microchip | AT28HC256F               |              |
| Microchip | AT28HC256F [FP28]        | (1546)       |
| Microchip | AT28HC256F [LCC32]       | (561)        |
| Microchip | AT28HC256F [PLCC32]      | (59)         |
| Microchip | AT28HC256F [SOIC28]      | (51)         |
| Microchip | AT28HC256F [TSOP28]      | (54)         |
| Microchip | AT28HC64B [PLCC32]       | (59)         |
| Microchip | AT28HC64B [SOIC28]       | (51)         |
| Microchip | AT28HC64B [TSOP28]       | (54)         |
| Microchip | AT28HC64BF [PLCC32]      | (59)         |
| Microchip | AT28HC64BF [SOIC28]      | (51)         |
| Microchip | AT28LV010 [PLCC32]       | (59)         |
| Microchip | AT28LV010 [TSOP32]       | (655)        |
| Microchip | AT30TSE004A (ISP)        | (138)        |
| Microchip | AT30TSE004A [UDFN8-2x3]  | (4538)       |
| Microchip | AT30TSE004A [WDFN8-2x3]  | (2995)       |
| Microchip | AT32UC3A0128 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3A0128 [FFBGA144]  | (1431)       |
| Microchip | AT32UC3A0128 [LQFP144]   | (1027)       |
| Microchip | AT32UC3A0256 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3A0256 [FFBGA144]  | (1431)       |
| Microchip | AT32UC3A0256 [LQFP144]   | (1027)       |
| Microchip | AT32UC3A0512 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3A0512 [FFBGA144]  | (1431)       |
| Microchip | AT32UC3A0512 [LQFP144]   | (1027)       |
| Microchip | AT32UC3A1128 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3A1128 [TQFP100]   | (1028)       |
| Microchip | AT32UC3A1256 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3A1256 [TQFP100]   | (1028)       |
| Microchip | AT32UC3A1512 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3A1512 [TQFP100]   | (1028)       |
| Microchip | AT32UC3A3128 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3A3128 [LQFP144]   | (1432)       |
| Microchip | AT32UC3A3128 [TFBGA144]  | (1431)       |
| Microchip | AT32UC3A3128S (ISP-JTAG) | (138)        |
| Microchip | AT32UC3A3128S [LQFP144]  | (1432)       |
| Microchip | AT32UC3A3128S [TFBGA144] | (1431)       |
| Microchip | AT32UC3A3256 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3A3256 [LQFP144]   | (1432)       |
| Microchip | AT32UC3A3256 [TFBGA144]  | (1431)       |
| Microchip | AT32UC3A3256S (ISP-JTAG) | (138)        |
| Microchip | AT32UC3A3256S [LQFP144]  | (1432)       |
| Microchip | AT32UC3A3256S [TFBGA144] | (1431)       |
| Microchip | AT32UC3A364 (ISP-JTAG)   | (138)        |
| Microchip | AT32UC3A364 [LQFP144]    | (1432)       |
| Microchip | AT32UC3A364 [TFBGA144]   | (1431)       |
| Microchip | AT32UC3A364S (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3A364S [LQFP144]   | (1432)       |
| Microchip | AT32UC3A364S [TFBGA144]  | (1431)       |
| Microchip | AT32UC3A4128 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3A4128 [VFBGA100]  | (1527)       |
| Microchip | AT32UC3A4128S (ISP-JTAG) | (138)        |
| Microchip | AT32UC3A4128S [VFBGA100] | (1527)       |
| Microchip | AT32UC3A4256 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3A4256 [VFBGA100]  | (1527)       |
| Microchip | AT32UC3A4256S (ISP-JTAG) | (138)        |
| Microchip | AT32UC3A4256S [VFBGA100] | (1527)       |
| Microchip | AT32UC3A464 (ISP-JTAG)   | (138)        |
| Microchip | AT32UC3A464 [VFBGA100]   | (1527)       |
| Microchip | AT32UC3A464S (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3A464S [VFBGA100]  | (1527)       |
| Microchip | AT32UC3B0128 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3B0128 [QFN64]     | (1198)       |
| Microchip | AT32UC3B0128 [TQFP64]    | (1118)       |
| Microchip | AT32UC3B0256 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3B0256 [QFN64]     | (1198)       |
| Microchip | AT32UC3B0256 [TQFP64]    | (1118)       |
| Microchip | AT32UC3B0512 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3B0512 [QFN64]     | (1198)       |
| Microchip | AT32UC3B0512 [TQFP64]    | (1118)       |
| Microchip | AT32UC3B064 (ISP-JTAG)   | (138)        |
| Microchip | AT32UC3B064 [QFN64]      | (1198)       |
| Microchip | AT32UC3B064 [TQFP64]     | (1118)       |
| Microchip | AT32UC3B1128 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3B1128 [QFN48]     | (567)        |
| Microchip | AT32UC3B1128 [TQFP48]    | (174)        |
| Microchip | AT32UC3B1256 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3B1256 [QFN48]     | (567)        |
| Microchip | AT32UC3B1256 [TQFP48]    | (174)        |
| Microchip | AT32UC3B1512 (ISP-JTAG)  | (138)        |
| Microchip | AT32UC3B1512 [QFN48]     | (567)        |
| Microchip | AT32UC3B1512 [TQFP48]    | (174)        |
| Microchip | AT32UC3B164 (ISP-JTAG)   | (138)        |
| Microchip | AT32UC3B164 [QFN48]      | (567)        |
| Microchip | AT32UC3B164 [TQFP48]     | (174)        |
| Microchip | AT32UC3C0128C (ISP-JTAG) | (138) (9997) |
| Microchip | AT32UC3C0128C [LQFP144]  | (1451)       |
| Microchip | AT32UC3C0256C (ISP-JTAG) | (138) (9997) |
| Microchip | AT32UC3C0256C [LQFP144]  | (1451)       |
| Microchip | AT32UC3C0512C (ISP-JTAG) | (138) (9997) |
| Microchip | AT32UC3C0512C [LQFP144]  | (1451)       |
| Microchip | AT32UC3C064C (ISP-JTAG)  | (138) (9997) |
| Microchip | AT32UC3C064C [LQFP144]   | (1451)       |
| Microchip | AT32UC3C1128C (ISP-JTAG) | (138) (9997) |
| Microchip | AT32UC3C1128C [TQFP100]  | (1452)       |
| Microchip | AT32UC3C1256C (ISP-JTAG) | (138) (9997) |
| Microchip | AT32UC3C1256C [TQFP100]  | (1452)       |
| Microchip | AT32UC3C1512C (ISP-JTAG) | (138) (9997) |
| Microchip | AT32UC3C1512C [TQFP100]  | (1452)       |
| Microchip | AT32UC3C164C (ISP-JTAG)  | (138) (9997) |
| Microchip | AT32UC3C164C [TQFP100]   | (1452)       |
| Microchip | AT32UC3C2128C (ISP-JTAG) | (138) (9997) |
| Microchip | AT32UC3C2128C [QFN64]    | (2384)       |
| Microchip | AT32UC3C2128C [TQFP64]   | (1453)       |
| Microchip | AT32UC3C2256C (ISP-JTAG) | (138) (9997) |
| Microchip | AT32UC3C2256C [QFN64]    | (2384)       |
| Microchip | AT32UC3C2256C [TQFP64]   | (1453)       |
| Microchip | AT32UC3C2512C (ISP-JTAG) | (138) (9997) |
| Microchip | AT32UC3C2512C [QFN64]    | (2384)       |
| Microchip | AT32UC3C2512C [TQFP64]   | (1453)       |
| Microchip | AT32UC3C264C (ISP-JTAG)  | (138) (9997) |
| Microchip | AT32UC3C264C [QFN64]     | (2384)       |
| Microchip | AT32UC3C264C [TQFP64]    | (1453)       |
| Microchip | AT32UC3L0128 (ISP-JTAG)  | (138) (9997) |
| Microchip | AT32UC3L0128 [QFN48]     | (2759)       |
| Microchip | AT32UC3L0128 [TLLGA48]   | (2760)       |
| Microchip | AT32UC3L0128 [TQFP48]    | (2758)       |
| Microchip | AT32UC3L0128A [WLCSP49]  | (3138)       |
| Microchip | AT32UC3L016 (ISP-JTAG)   | (138)        |
| Microchip | AT32UC3L016 [QFN48]      | (567)        |
| Microchip | AT32UC3L016 [TLLGA48]    | (1539)       |
| Microchip | AT32UC3L016 [TQFP48]     | (174)        |
| Microchip | AT32UC3L0256 (ISP-JTAG)  | (138) (9997) |
| Microchip | AT32UC3L0256 [QFN48]     | (2759)       |
| Microchip | AT32UC3L0256 [TLLGA48]   | (2760)       |
| Microchip | AT32UC3L0256 [TQFP48]    | (2758)       |
| Microchip | AT32UC3L032 (ISP-JTAG)   | (138)        |

|           |                  |                 |        |
|-----------|------------------|-----------------|--------|
| Microchip | AT32UC3L032      | [QFN48]         | (567)  |
| Microchip | AT32UC3L032      | [TLLGA48]       | (1539) |
| Microchip | AT32UC3L032      | [TQFP48]        | (174)  |
| Microchip | AT32UC3L064      | (ISP-JTAG)      | (138)  |
| Microchip | AT32UC3L064      | [QFN48]         | (567)  |
| Microchip | AT32UC3L064      | [TLLGA48]       | (1539) |
| Microchip | AT32UC3L064      | [TQFP48]        | (174)  |
| Microchip | AT34C02D         | (ISP)           | (138)  |
| Microchip | AT34C02D         | [SOIC8-150]     | (950)  |
| Microchip | AT34C02D         | [TSSOP8]        | (121)  |
| Microchip | AT34C02D         | [UDFN8-2x3]     | (4538) |
| Microchip | AT34C04          | [SOIC8-150]     | (950)  |
| Microchip | AT34C04          | [TSSOP8]        | (121)  |
| Microchip | AT34C04          | [UDFN8-2x3]     | (4538) |
| Microchip | AT89C1051        |                 |        |
| Microchip | AT89C1051        | [SOIC20]        | (119)  |
| Microchip | AT89C1051U       |                 |        |
| Microchip | AT89C1051U       | [SOIC20]        | (119)  |
| Microchip | AT89C2051        |                 |        |
| Microchip | AT89C2051        | [SOIC20]        | (119)  |
| Microchip | AT89C2051x2      |                 |        |
| Microchip | AT89C2051x2      | [SOIC20]        | (119)  |
| Microchip | AT89C4051        |                 |        |
| Microchip | AT89C4051        | [SOIC20]        | (119)  |
| Microchip | AT89C5114        | [SOIC20]        | (157)  |
| Microchip | AT89C5115        | [PLCC28]        | (48)   |
| Microchip | AT89C5115        | [SOIC28]        | (51)   |
| Microchip | AT89C5115        | [VQFP32]        | (159)  |
| Microchip | AT89C5122        | [PLCC28]        | (48)   |
| Microchip | AT89C5122        | [QFN64]         | (913)  |
| Microchip | AT89C5122        | [VQFP64]        | (230)  |
| Microchip | AT89C5122D       | [QFN64]         | (913)  |
| Microchip | AT89C5122D       | [VQFP64]        | (230)  |
| Microchip | AT89C5122DS      | [QFN64]         | (913)  |
| Microchip | AT89C5122DS      | [VQFP64]        | (230)  |
| Microchip | AT89C5130A       | (ISP)           | (138)  |
| Microchip | AT89C5130A-xm    | [PLCC52]        | (156)  |
| Microchip | AT89C5130A-xm    | [QFN32]         | (517)  |
| Microchip | AT89C5130A-xm    | [VQFP64]        | (458)  |
| Microchip | AT89C5131        | (ISP)           | (138)  |
| Microchip | AT89C5131        | [MLF48]         | (567)  |
| Microchip | AT89C5131        | [PLCC52]        | (156)  |
| Microchip | AT89C5131        | [SO28]          | (51)   |
| Microchip | AT89C5131        | [VQFP64]        | (458)  |
| Microchip | AT89C5131A       | (ISP)           | (138)  |
| Microchip | AT89C5131A-xL    | [PLCC52]        | (156)  |
| Microchip | AT89C5131A-xL    | [SO28]          | (51)   |
| Microchip | AT89C5131A-xL    | [VQFP64]        | (458)  |
| Microchip | AT89C5131A-xm    | [PLCC52]        | (156)  |
| Microchip | AT89C5131A-xm    | [QFN32]         | (517)  |
| Microchip | AT89C5131A-xm    | [VQFP64]        | (458)  |
| Microchip | AT89C5132        | [TQFP80]        | (150)  |
| Microchip | AT89C51AC2-xm    | (ISP)           | (138)  |
| Microchip | AT89C51AC2-xm    | [PLCC44]        | (67)   |
| Microchip | AT89C51AC2-xm    | [VQFP44]        | (94)   |
| Microchip | AT89C51AC3-xm    | (ISP)           | (138)  |
| Microchip | AT89C51AC3-xm    | [PLCC44]        | (67)   |
| Microchip | AT89C51AC3-xm    | [PLCC52]        | (527)  |
| Microchip | AT89C51AC3-xm    | [VQFP44]        | (94)   |
| Microchip | AT89C51AC3-xm    | [VQFP64]        | (528)  |
| Microchip | AT89C51CC01CA-xm | [CBGA64]        | (615)  |
| Microchip | AT89C51CC01CA-xm | [PLCC44]        | (67)   |
| Microchip | AT89C51CC01CA-xm | [TQFP44]        | (94)   |
| Microchip | AT89C51CC01CA-xm | [VQFP44]        | (94)   |
| Microchip | AT89C51CC01C-xm  | [CBGA64]        | (615)  |
| Microchip | AT89C51CC01C-xm  | [PLCC44]        | (67)   |
| Microchip | AT89C51CC01C-xm  | [TQFP44]        | (94)   |
| Microchip | AT89C51CC01C-xm  | [VQFP44]        | (94)   |
| Microchip | AT89C51CC01UA-xm | (ISP)           | (138)  |
| Microchip | AT89C51CC01UA-xm | [CBGA64]        | (615)  |
| Microchip | AT89C51CC01UA-xm | [PLCC44]        | (67)   |
| Microchip | AT89C51CC01UA-xm | [TQFP44]        | (94)   |
| Microchip | AT89C51CC01UA-xm | [VQFP44]        | (94)   |
| Microchip | AT89C51CC01U-xm  | (ISP)           | (138)  |
| Microchip | AT89C51CC01U-xm  | [CBGA64]        | (615)  |
| Microchip | AT89C51CC01U-xm  | [PLCC44]        | (67)   |
| Microchip | AT89C51CC01U-xm  | [TQFP44]        | (94)   |
| Microchip | AT89C51CC01U-xm  | [VQFP44]        | (94)   |
| Microchip | AT89C51CC02CA-xm | [PLCC28]        | (48)   |
| Microchip | AT89C51CC02CA-xm | [SOIC28]        | (51)   |
| Microchip | AT89C51CC02CA-xm | [VQFP32]        | (159)  |
| Microchip | AT89C51CC02C-xm  | [PLCC28]        | (48)   |
| Microchip | AT89C51CC02C-xm  | [SOIC28]        | (51)   |
| Microchip | AT89C51CC02C-xm  | [VQFP32]        | (159)  |
| Microchip | AT89C51CC02UA-xm | [PLCC28]        | (48)   |
| Microchip | AT89C51CC02UA-xm | [SOIC28]        | (51)   |
| Microchip | AT89C51CC02UA-xm | [VQFP32]        | (159)  |
| Microchip | AT89C51CC02U-xm  | [PLCC28]        | (48)   |
| Microchip | AT89C51CC02U-xm  | [SOIC28]        | (51)   |
| Microchip | AT89C51CC02U-xm  | [VQFP32]        | (159)  |
| Microchip | AT89C51CC03CA-xm | [PLCC44]        | (67)   |
| Microchip | AT89C51CC03CA-xm | [PLCC52]        | (527)  |
| Microchip | AT89C51CC03CA-xm | [VQFP44]        | (94)   |
| Microchip | AT89C51CC03CA-xm | [VQFP64]        | (528)  |
| Microchip | AT89C51CC03C-xm  | [PLCC44]        | (67)   |
| Microchip | AT89C51CC03C-xm  | [PLCC52]        | (527)  |
| Microchip | AT89C51CC03C-xm  | [VQFP44]        | (94)   |
| Microchip | AT89C51CC03C-xm  | [VQFP64]        | (528)  |
| Microchip | AT89C51CC03UA-xm | (ISP)           | (138)  |
| Microchip | AT89C51CC03UA-xm | [PLCC44]        | (67)   |
| Microchip | AT89C51CC03UA-xm | [PLCC52]        | (527)  |
| Microchip | AT89C51CC03UA-xm | [VQFP44]        | (94)   |
| Microchip | AT89C51CC03UA-xm | [VQFP64]        | (528)  |
| Microchip | AT89C51CC03U-xm  | (ISP)           | (138)  |
| Microchip | AT89C51CC03U-xm  | [PLCC44]        | (67)   |
| Microchip | AT89C51CC03U-xm  | [PLCC52]        | (527)  |
| Microchip | AT89C51CC03U-xm  | [VQFP44]        | (94)   |
| Microchip | AT89C51CC03U-xm  | [VQFP64]        | (528)  |
| Microchip | AT89C51ED2-xm    |                 |        |
| Microchip | AT89C51ED2-xm    | (ISP)           | (138)  |
| Microchip | AT89C51ED2-xm    | [PLCC44]        | (67)   |
| Microchip | AT89C51ED2-xm    | [PLCC44] (UART) | (67)   |
| Microchip | AT89C51ED2-xm    | [PLCC68]        | (178)  |
| Microchip | AT89C51ED2-xm    | [VQFP44]        | (94)   |
| Microchip | AT89C51ED2-xm    | [VQFP64]        | (152)  |
| Microchip | AT89C51IC2-xL    |                 |        |
| Microchip | AT89C51IC2-xL    | (ISP)           | (138)  |
| Microchip | AT89C51IC2-xL    | [PLCC44]        | (67)   |
| Microchip | AT89C51IC2-xL    | [VQFP44]        | (94)   |
| Microchip | AT89C51IC2-xm    |                 |        |
| Microchip | AT89C51IC2-xm    | (ISP)           | (138)  |
| Microchip | AT89C51IC2-xm    | [PLCC44]        | (67)   |
| Microchip | AT89C51IC2-xm    | [VQFP44]        | (94)   |
| Microchip | AT89C51ID2-xm    |                 |        |
| Microchip | AT89C51ID2-xm    | (ISP)           | (138)  |
| Microchip | AT89C51ID2-xm    | [PLCC44]        | (67)   |
| Microchip | AT89C51ID2-xm    | [PLCC68]        | (178)  |
| Microchip | AT89C51ID2-xm    | [VQFP44]        | (94)   |



|           |                        |        |
|-----------|------------------------|--------|
| Microchip | AT89C51ID2-XM [VQFP64] | (152)  |
| Microchip | AT89C51RB2-XL          |        |
| Microchip | AT89C51RB2-XL (ISP)    | (138)  |
| Microchip | AT89C51RB2-XL [PLCC44] | (67)   |
| Microchip | AT89C51RB2-XL [VQFP44] | (94)   |
| Microchip | AT89C51RB2-XM          |        |
| Microchip | AT89C51RB2-XM (ISP)    | (138)  |
| Microchip | AT89C51RB2-XM [PLCC44] | (67)   |
| Microchip | AT89C51RB2-XM [VQFP44] | (94)   |
| Microchip | AT89C51RC              |        |
| Microchip | AT89C51RC [PLCC44]     | (67)   |
| Microchip | AT89C51RC [TQFP44]     | (94)   |
| Microchip | AT89C51RC2-XL          |        |
| Microchip | AT89C51RC2-XL (ISP)    | (138)  |
| Microchip | AT89C51RC2-XL [PLCC44] | (67)   |
| Microchip | AT89C51RC2-XL [VQFP44] | (94)   |
| Microchip | AT89C51RC2-XM          |        |
| Microchip | AT89C51RC2-XM (ISP)    | (138)  |
| Microchip | AT89C51RC2-XM [PLCC44] | (67)   |
| Microchip | AT89C51RC2-XM [VQFP44] | (94)   |
| Microchip | AT89C51RD2-XM          |        |
| Microchip | AT89C51RD2-XM (ISP)    | (138)  |
| Microchip | AT89C51RD2-XM [PLCC44] | (67)   |
| Microchip | AT89C51RD2-XM [PLCC68] | (178)  |
| Microchip | AT89C51RD2-XM [VQFP44] | (94)   |
| Microchip | AT89C51RD2-XM [VQFP64] | (152)  |
| Microchip | AT89C51RE2 [PLCC44]    | (67)   |
| Microchip | AT89C51RE2 [VQFP44]    | (94)   |
| Microchip | AT89C55                |        |
| Microchip | AT89C55 [PLCC44]       | (67)   |
| Microchip | AT89C55 [TQFP44]       | (94)   |
| Microchip | AT89C55WD              |        |
| Microchip | AT89C55WD [PLCC44]     | (67)   |
| Microchip | AT89C55WD [TQFP44]     | (94)   |
| Microchip | AT89C55-X5             |        |
| Microchip | AT89C55-X5 [PLCC44]    | (67)   |
| Microchip | AT89C55-X5 [TQFP44]    | (94)   |
| Microchip | AT89EB5114 [SOIC20]    | (157)  |
| Microchip | AT89LP2052             |        |
| Microchip | AT89LP2052 (ISP)       | (138)  |
| Microchip | AT89LP2052 [SOIC20]    | (119)  |
| Microchip | AT89LP2052 [TSSOP20]   | (1089) |
| Microchip | AT89LP213              |        |
| Microchip | AT89LP213 (ISP)        | (138)  |
| Microchip | AT89LP213 [TSSOP14]    | (1087) |
| Microchip | AT89LP214              |        |
| Microchip | AT89LP214 (ISP)        | (138)  |
| Microchip | AT89LP214 [TSSOP14]    | (1087) |
| Microchip | AT89LP216              |        |
| Microchip | AT89LP216 (ISP)        | (138)  |
| Microchip | AT89LP216 [SOIC16]     | (1060) |
| Microchip | AT89LP216 [TSSOP16]    | (1088) |
| Microchip | AT89LP3240             |        |
| Microchip | AT89LP3240 (ISP)       | (138)  |
| Microchip | AT89LP3240 [MLF44]     | (231)  |
| Microchip | AT89LP3240 [PLCC44]    | (67)   |
| Microchip | AT89LP3240 [TQFP44]    | (94)   |
| Microchip | AT89LP4052             |        |
| Microchip | AT89LP4052 (ISP)       | (138)  |
| Microchip | AT89LP4052 [SOIC20]    | (119)  |
| Microchip | AT89LP4052 [TSSOP20]   | (1089) |
| Microchip | AT89LP428              |        |
| Microchip | AT89LP428 (ISP)        | (138)  |
| Microchip | AT89LP428 [PLCC32]     | (59)   |
| Microchip | AT89LP428 [TQFP32]     | (159)  |
| Microchip | AT89LP51               |        |
| Microchip | AT89LP51 (ISP)         | (138)  |
| Microchip | AT89LP51 [MLF44]       | (231)  |
| Microchip | AT89LP51 [PLCC44]      | (67)   |
| Microchip | AT89LP51 [TQFP44]      | (94)   |
| Microchip | AT89LP51ED2            |        |
| Microchip | AT89LP51ED2 (ISP)      | (138)  |
| Microchip | AT89LP51ED2 [LQFP44]   | (94)   |
| Microchip | AT89LP51ED2 [MLF44]    | (231)  |
| Microchip | AT89LP51ED2 [PLCC44]   | (67)   |
| Microchip | AT89LP51ED2 [QFN44]    | (231)  |
| Microchip | AT89LP51ED2 [TQFP44]   | (94)   |
| Microchip | AT89LP51ED2 [VQFN44]   | (231)  |
| Microchip | AT89LP51ED2 [VQFP44]   | (94)   |
| Microchip | AT89LP51IC2 (ISP)      | (138)  |
| Microchip | AT89LP51IC2 [LQFP44]   | (94)   |
| Microchip | AT89LP51IC2 [MLF44]    | (231)  |
| Microchip | AT89LP51IC2 [PLCC44]   | (67)   |
| Microchip | AT89LP51IC2 [QFN44]    | (231)  |
| Microchip | AT89LP51IC2 [TQFP44]   | (94)   |
| Microchip | AT89LP51IC2 [VQFN44]   | (231)  |
| Microchip | AT89LP51IC2 [VQFP44]   | (94)   |
| Microchip | AT89LP51ID2 (ISP)      | (138)  |
| Microchip | AT89LP51ID2 [LQFP44]   | (94)   |
| Microchip | AT89LP51ID2 [MLF44]    | (231)  |
| Microchip | AT89LP51ID2 [PLCC44]   | (67)   |
| Microchip | AT89LP51ID2 [QFN44]    | (231)  |
| Microchip | AT89LP51ID2 [TQFP44]   | (94)   |
| Microchip | AT89LP51ID2 [VQFN44]   | (231)  |
| Microchip | AT89LP51ID2 [VQFP44]   | (94)   |
| Microchip | AT89LP51RB2            |        |
| Microchip | AT89LP51RB2 (ISP)      | (138)  |
| Microchip | AT89LP51RB2 [LQFP44]   | (94)   |
| Microchip | AT89LP51RB2 [MLF44]    | (231)  |
| Microchip | AT89LP51RB2 [PLCC44]   | (67)   |
| Microchip | AT89LP51RB2 [QFN44]    | (231)  |
| Microchip | AT89LP51RB2 [TQFP44]   | (94)   |
| Microchip | AT89LP51RB2 [VQFN44]   | (231)  |
| Microchip | AT89LP51RB2 [VQFP44]   | (94)   |
| Microchip | AT89LP51RC2            |        |
| Microchip | AT89LP51RC2 (ISP)      | (138)  |
| Microchip | AT89LP51RC2 [LQFP44]   | (94)   |
| Microchip | AT89LP51RC2 [MLF44]    | (231)  |
| Microchip | AT89LP51RC2 [PLCC44]   | (67)   |
| Microchip | AT89LP51RC2 [QFN44]    | (231)  |
| Microchip | AT89LP51RC2 [TQFP44]   | (94)   |
| Microchip | AT89LP51RC2 [VQFN44]   | (231)  |
| Microchip | AT89LP51RC2 [VQFP44]   | (94)   |
| Microchip | AT89LP51RD2            |        |
| Microchip | AT89LP51RD2 (ISP)      | (138)  |
| Microchip | AT89LP51RD2 [LQFP44]   | (94)   |
| Microchip | AT89LP51RD2 [MLF44]    | (231)  |
| Microchip | AT89LP51RD2 [PLCC44]   | (67)   |
| Microchip | AT89LP51RD2 [QFN44]    | (231)  |
| Microchip | AT89LP51RD2 [TQFP44]   | (94)   |
| Microchip | AT89LP51RD2 [VQFN44]   | (231)  |
| Microchip | AT89LP51RD2 [VQFP44]   | (94)   |
| Microchip | AT89LP52               |        |
| Microchip | AT89LP52 (ISP)         | (138)  |
| Microchip | AT89LP52 [MLF44]       | (231)  |
| Microchip | AT89LP52 [PLCC44]      | (67)   |
| Microchip | AT89LP52 [TQFP44]      | (94)   |
| Microchip | AT89LP6440             |        |

|           |                             |        |
|-----------|-----------------------------|--------|
| Microchip | AT89LP6440 (ISP)            | (138)  |
| Microchip | AT89LP6440 [MLF44]          | (231)  |
| Microchip | AT89LP6440 [PLCC44]         | (67)   |
| Microchip | AT89LP6440 [TQFP44]         | (94)   |
| Microchip | AT89LP828                   |        |
| Microchip | AT89LP828 (ISP)             | (138)  |
| Microchip | AT89LP828 [PLCC32]          | (59)   |
| Microchip | AT89LP828 [TQFP32]          | (159)  |
| Microchip | AT89LS51                    |        |
| Microchip | AT89LS51 (ISP)              | (138)  |
| Microchip | AT89LS51 [PLCC44]           | (67)   |
| Microchip | AT89LS51 [SDIP42]           | (164)  |
| Microchip | AT89LS51 [TQFP44]           | (94)   |
| Microchip | AT89LS52                    |        |
| Microchip | AT89LS52 (ISP)              | (138)  |
| Microchip | AT89LS52 [PLCC44]           | (67)   |
| Microchip | AT89LS52 [SDIP42]           | (164)  |
| Microchip | AT89LS52 [TQFP44]           | (94)   |
| Microchip | AT89LS53                    |        |
| Microchip | AT89LS53 (ISP)              | (138)  |
| Microchip | AT89LS53 [PLCC44]           | (67)   |
| Microchip | AT89LS53 [TQFP44]           | (94)   |
| Microchip | AT89LS8252                  |        |
| Microchip | AT89LS8252 (ISP)            | (138)  |
| Microchip | AT89LS8252 [PLCC44]         | (67)   |
| Microchip | AT89LS8252 [TQFP44]         | (94)   |
| Microchip | AT89LS8253                  |        |
| Microchip | AT89LS8253 (ISP)            | (138)  |
| Microchip | AT89LS8253 [PLCC44]         | (67)   |
| Microchip | AT89LS8253 [SDIP42]         | (164)  |
| Microchip | AT89LS8253 [TQFP44]         | (94)   |
| Microchip | AT89LV51                    |        |
| Microchip | AT89LV51 [PLCC44]           | (67)   |
| Microchip | AT89LV51 [TQFP44]           | (94)   |
| Microchip | AT89LV51-x5                 |        |
| Microchip | AT89LV51-x5 [PLCC44]        | (67)   |
| Microchip | AT89LV51-x5 [TQFP44]        | (94)   |
| Microchip | AT89LV52                    |        |
| Microchip | AT89LV52 [PLCC44]           | (67)   |
| Microchip | AT89LV52 [TQFP44]           | (94)   |
| Microchip | AT89LV52-x5                 |        |
| Microchip | AT89LV52-x5 [PLCC44]        | (67)   |
| Microchip | AT89LV52-x5 [TQFP44]        | (94)   |
| Microchip | AT89LV55                    |        |
| Microchip | AT89LV55 [PLCC44]           | (67)   |
| Microchip | AT89LV55 [TQFP44]           | (94)   |
| Microchip | AT89S2051                   |        |
| Microchip | AT89S2051 (ISP)             | (138)  |
| Microchip | AT89S2051 [SOIC20]          | (119)  |
| Microchip | AT89S4051                   |        |
| Microchip | AT89S4051 (ISP)             | (138)  |
| Microchip | AT89S4051 [SOIC20]          | (119)  |
| Microchip | AT89S51                     |        |
| Microchip | AT89S51 (ISP)               | (138)  |
| Microchip | AT89S51 [PLCC44]            | (67)   |
| Microchip | AT89S51 [SDIP42]            | (164)  |
| Microchip | AT89S51 [TQFP44]            | (94)   |
| Microchip | AT89S52                     |        |
| Microchip | AT89S52 (ISP)               | (138)  |
| Microchip | AT89S52 [PLCC44]            | (67)   |
| Microchip | AT89S52 [SDIP42]            | (164)  |
| Microchip | AT89S52 [TQFP44]            | (94)   |
| Microchip | AT89S52E                    |        |
| Microchip | AT89S52E (ISP)              | (138)  |
| Microchip | AT89S52E [PLCC44]           | (67)   |
| Microchip | AT89S52E [TQFP44]           | (94)   |
| Microchip | AT89S53                     |        |
| Microchip | AT89S53 (ISP)               | (138)  |
| Microchip | AT89S53 [PLCC44]            | (67)   |
| Microchip | AT89S53 [TQFP44]            | (94)   |
| Microchip | AT89S54-XM                  |        |
| Microchip | AT89S54-XM (ISP)            | (138)  |
| Microchip | AT89S54-XM [PLCC44]         | (67)   |
| Microchip | AT89S54-XM [VQFP44]         | (94)   |
| Microchip | AT89S58-XM                  |        |
| Microchip | AT89S58-XM (ISP)            | (138)  |
| Microchip | AT89S58-XM [PLCC44]         | (67)   |
| Microchip | AT89S58-XM [VQFP44]         | (94)   |
| Microchip | AT89S64-XM                  |        |
| Microchip | AT89S64-XM (ISP)            | (138)  |
| Microchip | AT89S64-XM [PLCC44]         | (67)   |
| Microchip | AT89S64-XM [VQFP44]         | (94)   |
| Microchip | AT89S8252                   |        |
| Microchip | AT89S8252 (ISP)             | (138)  |
| Microchip | AT89S8252 [PLCC44]          | (67)   |
| Microchip | AT89S8252 [PQFP44]          | (108)  |
| Microchip | AT89S8252 [TQFP44]          | (94)   |
| Microchip | AT89S8253 ver.A->G          |        |
| Microchip | AT89S8253 ver.A->G (ISP)    | (138)  |
| Microchip | AT89S8253 ver.A->G [PLCC44] | (67)   |
| Microchip | AT89S8253 ver.A->G [SDIP42] | (164)  |
| Microchip | AT89S8253 ver.A->G [TQFP44] | (94)   |
| Microchip | AT89S8253 ver.H->           |        |
| Microchip | AT89S8253 ver.H-> (ISP)     | (138)  |
| Microchip | AT89S8253 ver.H-> [PLCC44]  | (67)   |
| Microchip | AT89S8253 ver.H-> [SDIP42]  | (164)  |
| Microchip | AT89S8253 ver.H-> [TQFP44]  | (94)   |
| Microchip | AT90CAN128 (ISP-JTAG)       | (138)  |
| Microchip | AT90CAN128 (ISP-SPI)        | (138)  |
| Microchip | AT90CAN128 [QFN64]          | (559)  |
| Microchip | AT90CAN128 [TQFP64]         | (103)  |
| Microchip | AT90CAN32 (ISP-JTAG)        | (138)  |
| Microchip | AT90CAN32 (ISP-SPI)         | (138)  |
| Microchip | AT90CAN32 [QFN64]           | (559)  |
| Microchip | AT90CAN32 [TQFP64]          | (103)  |
| Microchip | AT90CAN64 (ISP-JTAG)        | (138)  |
| Microchip | AT90CAN64 (ISP-SPI)         | (138)  |
| Microchip | AT90CAN64 [QFN64]           | (559)  |
| Microchip | AT90CAN64 [TQFP64]          | (103)  |
| Microchip | AT90PWM1 (ISP-SPI)          | (138)  |
| Microchip | AT90PWM1 [QFN32]            | (1080) |
| Microchip | AT90PWM1 [QFN32] (SPI)      | (1080) |
| Microchip | AT90PWM1 [SOIC24]           | (1062) |
| Microchip | AT90PWM1 [SOIC24] (SPI)     | (1062) |
| Microchip | AT90PWM161 (ISP-SPI)        | (138)  |
| Microchip | AT90PWM161 [QFN32]          | (221)  |
| Microchip | AT90PWM161 [SOIC20]         | (119)  |
| Microchip | AT90PWM2 (ISP-SPI)          | (138)  |
| Microchip | AT90PWM2 [SOIC24]           | (1062) |
| Microchip | AT90PWM2 [SOIC24] (SPI)     | (1062) |
| Microchip | AT90PWM216 (ISP-SPI)        | (138)  |
| Microchip | AT90PWM216 [SOIC24]         | (1062) |
| Microchip | AT90PWM2B (ISP-SPI)         | (138)  |
| Microchip | AT90PWM2B [SOIC24]          | (1062) |
| Microchip | AT90PWM2B [SOIC24] (SPI)    | (1062) |
| Microchip | AT90PWM3 (ISP-SPI)          | (138)  |
| Microchip | AT90PWM3 [QFN32]            | (1080) |
| Microchip | AT90PWM3 [QFN32] (SPI)      | (1080) |

|           |                          |              |
|-----------|--------------------------|--------------|
| Microchip | AT90PWM3 [SOIC32]        | (233)        |
| Microchip | AT90PWM3 [SOIC32] (SPI)  | (233)        |
| Microchip | AT90PWM316 (ISP-SPI)     | (138)        |
| Microchip | AT90PWM316 [QFN32]       | (1080)       |
| Microchip | AT90PWM316 [SOIC32]      | (233)        |
| Microchip | AT90PWM3B (ISP-SPI)      | (138)        |
| Microchip | AT90PWM3B [QFN32]        | (1080)       |
| Microchip | AT90PWM3B [QFN32] (SPI)  | (1080)       |
| Microchip | AT90PWM3B [SOIC32]       | (233)        |
| Microchip | AT90PWM3B [SOIC32] (SPI) | (233)        |
| Microchip | AT90PWM81 (ISP-SPI)      | (138)        |
| Microchip | AT90PWM81 [QFN32]        | (221)        |
| Microchip | AT90PWM81 [SOIC20]       | (119)        |
| Microchip | AT90USB1286 (ISP-JTAG)   | (138)        |
| Microchip | AT90USB1286 (ISP-SPI)    | (138)        |
| Microchip | AT90USB1286 [QFN64]      | (559)        |
| Microchip | AT90USB1286 [TQFP64]     | (103)        |
| Microchip | AT90USB1287 (ISP-JTAG)   | (138)        |
| Microchip | AT90USB1287 (ISP-SPI)    | (138)        |
| Microchip | AT90USB1287 [QFN64]      | (559)        |
| Microchip | AT90USB1287 [TQFP64]     | (103)        |
| Microchip | AT90USB162 (ISP-SPI)     | (138)        |
| Microchip | AT90USB162 [QFN32]       | (221)        |
| Microchip | AT90USB162 [TQFP32]      | (159)        |
| Microchip | AT90USB646 (ISP-JTAG)    | (138)        |
| Microchip | AT90USB646 (ISP-SPI)     | (138)        |
| Microchip | AT90USB646 [QFN64]       | (559)        |
| Microchip | AT90USB646 [TQFP64]      | (103)        |
| Microchip | AT90USB647 (ISP-JTAG)    | (138)        |
| Microchip | AT90USB647 (ISP-SPI)     | (138)        |
| Microchip | AT90USB647 [QFN64]       | (559)        |
| Microchip | AT90USB647 [TQFP64]      | (103)        |
| Microchip | AT90USB82 (ISP-SPI)      | (138)        |
| Microchip | AT90USB82 [QFN32]        | (221)        |
| Microchip | AT91SAM3N1AA [LQFP48]    | (1475)       |
| Microchip | AT91SAM3N1AA [QFN48]     | (1476)       |
| Microchip | AT91SAM3N1BA [LQFP64]    | (1473)       |
| Microchip | AT91SAM3N1BA [QFN64]     | (1474)       |
| Microchip | AT91SAM3N1CA [LQFP100]   | (1472)       |
| Microchip | AT91SAM3N2AA [LQFP48]    | (1475)       |
| Microchip | AT91SAM3N2AA [QFN48]     | (1476)       |
| Microchip | AT91SAM3N2BA [LQFP64]    | (1473)       |
| Microchip | AT91SAM3N2BA [QFN64]     | (1474)       |
| Microchip | AT91SAM3N2CA [LQFP100]   | (1472)       |
| Microchip | AT91SAM3N4AA [LQFP48]    | (1475)       |
| Microchip | AT91SAM3N4AA [QFN48]     | (1476)       |
| Microchip | AT91SAM3N4BA [LQFP64]    | (1473)       |
| Microchip | AT91SAM3N4BA [QFN64]     | (1474)       |
| Microchip | AT91SAM3N4CA [LQFP100]   | (1472)       |
| Microchip | AT91SAM3S1AA (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S1AA [LQFP48]    | (1475)       |
| Microchip | AT91SAM3S1AA [QFN48]     | (1476)       |
| Microchip | AT91SAM3S1AB (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S1AB [LQFP48]    | (1475)       |
| Microchip | AT91SAM3S1AB [QFN48]     | (1476)       |
| Microchip | AT91SAM3S1BA (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S1BA [LQFP64]    | (1473)       |
| Microchip | AT91SAM3S1BA [QFN64]     | (1474)       |
| Microchip | AT91SAM3S1BB (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S1BB [LQFP64]    | (1473)       |
| Microchip | AT91SAM3S1BB [QFN64]     | (1474)       |
| Microchip | AT91SAM3S1CA (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S1CA [LQFP100]   | (1472)       |
| Microchip | AT91SAM3S1CB (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S1CB [LQFP100]   | (1472)       |
| Microchip | AT91SAM3S2AA (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S2AA [LQFP48]    | (1475)       |
| Microchip | AT91SAM3S2AA [QFN48]     | (1476)       |
| Microchip | AT91SAM3S2BA (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S2BA [LQFP64]    | (1473)       |
| Microchip | AT91SAM3S2BA [QFN64]     | (1474)       |
| Microchip | AT91SAM3S2CA (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S2CA [LQFP100]   | (1472)       |
| Microchip | AT91SAM3S4AA (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S4AA [LQFP48]    | (1475)       |
| Microchip | AT91SAM3S4AA [QFN48]     | (1476)       |
| Microchip | AT91SAM3S4BA (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S4BA [LQFP64]    | (1473)       |
| Microchip | AT91SAM3S4BA [QFN64]     | (1474)       |
| Microchip | AT91SAM3S4CA (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S4CA [LQFP100]   | (1472)       |
| Microchip | AT91SAM3S8BA (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S8BA [LQFP64]    | (1473)       |
| Microchip | AT91SAM3S8BA [QFN64]     | (1474)       |
| Microchip | AT91SAM3S8CA (ISP)       | (138) (9997) |
| Microchip | AT91SAM3S8CA [LQFP100]   | (1472)       |
| Microchip | AT91SAM3SD8BA (ISP)      | (138) (9997) |
| Microchip | AT91SAM3SD8BA [LQFP64]   | (1473)       |
| Microchip | AT91SAM3SD8BA [QFN64]    | (1474)       |
| Microchip | AT91SAM3SD8CA (ISP)      | (138) (9997) |
| Microchip | AT91SAM3SD8CA [LQFP100]  | (1472)       |
| Microchip | AT91SAM3U1CA [LQFP100]   | (1429)       |
| Microchip | AT91SAM3U1CB [LQFP100]   | (1429)       |
| Microchip | AT91SAM3U1CB [TFBGA100]  | (2976)       |
| Microchip | AT91SAM3U1EA [LQFP144]   | (1428)       |
| Microchip | AT91SAM3U1EB [LQFP144]   | (1428)       |
| Microchip | AT91SAM3U2CA [LQFP100]   | (1429)       |
| Microchip | AT91SAM3U2EA [LQFP144]   | (1428)       |
| Microchip | AT91SAM3U4CA [LQFP100]   | (1429)       |
| Microchip | AT91SAM3U4EA [LQFP144]   | (1428)       |
| Microchip | AT91SAM7L128 [LQFP128]   | (1120)       |
| Microchip | AT91SAM7L128A [LQFP128]  | (1120)       |
| Microchip | AT91SAM7L64 [LQFP128]    | (1120)       |
| Microchip | AT91SAM7S128 (ISP)       | (138) (9997) |
| Microchip | AT91SAM7S128 [LQFP64]    | (665)        |
| Microchip | AT91SAM7S128 [QFN64]     | (862)        |
| Microchip | AT91SAM7S128A (ISP)      | (138) (9997) |
| Microchip | AT91SAM7S128A [LQFP64]   | (665)        |
| Microchip | AT91SAM7S128A [QFN64]    | (862)        |
| Microchip | AT91SAM7S128B (ISP)      | (138) (9997) |
| Microchip | AT91SAM7S128B [LQFP64]   | (665)        |
| Microchip | AT91SAM7S128B [QFN64]    | (862)        |
| Microchip | AT91SAM7S128C (ISP)      | (138) (9997) |
| Microchip | AT91SAM7S128C [LQFP64]   | (665)        |
| Microchip | AT91SAM7S128C [QFN64]    | (862)        |
| Microchip | AT91SAM7S128D (ISP)      | (138) (9997) |
| Microchip | AT91SAM7S128D [LQFP64]   | (665)        |
| Microchip | AT91SAM7S128D [QFN64]    | (862)        |
| Microchip | AT91SAM7S16 (ISP)        | (138) (9997) |
| Microchip | AT91SAM7S16 [LQFP48]     | (174)        |
| Microchip | AT91SAM7S16 [QFN48]      | (567)        |
| Microchip | AT91SAM7S161 (ISP)       | (138) (9997) |
| Microchip | AT91SAM7S161 [LQFP64]    | (665)        |
| Microchip | AT91SAM7S161A (ISP)      | (138) (9997) |
| Microchip | AT91SAM7S161A [LQFP64]   | (665)        |
| Microchip | AT91SAM7S16A (ISP)       | (138) (9997) |
| Microchip | AT91SAM7S16A [LQFP48]    | (174)        |

|           |                |               |              |
|-----------|----------------|---------------|--------------|
| Microchip | AT91SAM7S16A   | [QFN48]       | (567)        |
| Microchip | AT91SAM7S256   | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S256   | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S256   | [QFN64]       | (862)        |
| Microchip | AT91SAM7S256A  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S256A  | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S256A  | [QFN64]       | (862)        |
| Microchip | AT91SAM7S256B  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S256B  | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S256B  | [QFN64]       | (862)        |
| Microchip | AT91SAM7S256C  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S256C  | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S256C  | [QFN64]       | (862)        |
| Microchip | AT91SAM7S256D  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S256D  | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S256D  | [QFN64]       | (862)        |
| Microchip | AT91SAM7S32    | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S32    | [LQFP48]      | (174)        |
| Microchip | AT91SAM7S32    | [QFN48]       | (567)        |
| Microchip | AT91SAM7S321   | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S321   | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S321   | [QFN64]       | (862)        |
| Microchip | AT91SAM7S321A  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S321A  | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S321A  | [QFN64]       | (862)        |
| Microchip | AT91SAM7S32A   | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S32A   | [LQFP48]      | (174)        |
| Microchip | AT91SAM7S32A   | [QFN48]       | (567)        |
| Microchip | AT91SAM7S32B   | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S32B   | [LQFP48]      | (174)        |
| Microchip | AT91SAM7S32B   | [QFN48]       | (567)        |
| Microchip | AT91SAM7S512   | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S512   | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S512   | [QFN64]       | (862)        |
| Microchip | AT91SAM7S512A  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S512A  | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S512A  | [QFN64]       | (862)        |
| Microchip | AT91SAM7S512B  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S512B  | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S512B  | [QFN64]       | (862)        |
| Microchip | AT91SAM7S64    | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S64    | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S64    | [QFN64]       | (862)        |
| Microchip | AT91SAM7S64A   | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S64A   | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S64A   | [QFN64]       | (862)        |
| Microchip | AT91SAM7S64B   | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S64B   | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S64B   | [QFN64]       | (862)        |
| Microchip | AT91SAM7S64C   | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7S64C   | [LQFP64]      | (665)        |
| Microchip | AT91SAM7S64C   | [QFN64]       | (862)        |
| Microchip | AT91SAM7SE256  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7SE256  | [LFBGA144]    | (1510)       |
| Microchip | AT91SAM7SE256  | [LQFP128]     | (864)        |
| Microchip | AT91SAM7SE256A | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7SE256A | [LFBGA144]    | (1510)       |
| Microchip | AT91SAM7SE256A | [LQFP128]     | (864)        |
| Microchip | AT91SAM7SE256B | [LFBGA144]    | (1510)       |
| Microchip | AT91SAM7SE256B | [LQFP128]     | (864)        |
| Microchip | AT91SAM7SE32   | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7SE32   | [LFBGA144]    | (1510)       |
| Microchip | AT91SAM7SE32   | [LQFP128]     | (864)        |
| Microchip | AT91SAM7SE32A  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7SE32A  | [LFBGA144]    | (1510)       |
| Microchip | AT91SAM7SE32A  | [LQFP128]     | (864)        |
| Microchip | AT91SAM7SE512  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7SE512  | [LFBGA144]    | (1510)       |
| Microchip | AT91SAM7SE512  | [LQFP128]     | (864)        |
| Microchip | AT91SAM7SE512A | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7SE512A | [LFBGA144]    | (1510)       |
| Microchip | AT91SAM7SE512A | [LQFP128]     | (864)        |
| Microchip | AT91SAM7SE512B | [LFBGA144]    | (1510)       |
| Microchip | AT91SAM7SE512B | [LQFP128]     | (864)        |
| Microchip | AT91SAM7X128   | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7X128   | [LQFP100]     | (863)        |
| Microchip | AT91SAM7X128A  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7X128A  | [LQFP100]     | (863)        |
| Microchip | AT91SAM7X128B  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7X128B  | [LQFP100]     | (863)        |
| Microchip | AT91SAM7X128C  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7X128C  | [LQFP100]     | (863)        |
| Microchip | AT91SAM7X256   | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7X256   | [LQFP100]     | (863)        |
| Microchip | AT91SAM7X256A  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7X256A  | [LQFP100]     | (863)        |
| Microchip | AT91SAM7X256B  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7X256B  | [LQFP100]     | (863)        |
| Microchip | AT91SAM7X256C  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7X256C  | [LQFP100]     | (863)        |
| Microchip | AT91SAM7X512   | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7X512   | [LQFP100]     | (863)        |
| Microchip | AT91SAM7X512A  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7X512A  | [LQFP100]     | (863)        |
| Microchip | AT91SAM7X512B  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7X512B  | [LQFP100]     | (863)        |
| Microchip | AT91SAM7XC128  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7XC128  | [LQFP100]     | (863)        |
| Microchip | AT91SAM7XC128A | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7XC128A | [LQFP100]     | (863)        |
| Microchip | AT91SAM7XC128B | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7XC128B | [LQFP100]     | (863)        |
| Microchip | AT91SAM7XC256  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7XC256  | [LQFP100]     | (863)        |
| Microchip | AT91SAM7XC256A | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7XC256A | [LQFP100]     | (863)        |
| Microchip | AT91SAM7XC256B | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7XC256B | [LQFP100]     | (863)        |
| Microchip | AT91SAM7XC512  | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7XC512  | [LQFP100]     | (863)        |
| Microchip | AT91SAM7XC512A | (ISP)         | (138) (9997) |
| Microchip | AT91SAM7XC512A | [LQFP100]     | (863)        |
| Microchip | AT91SAM9XE128  | [PQFP208]     | (1427)       |
| Microchip | AT91SAM9XE128A | [PQFP208]     | (1427)       |
| Microchip | AT91SAM9XE128B | [PQFP208]     | (1427)       |
| Microchip | AT91SAM9XE256  | [PQFP208]     | (1427)       |
| Microchip | AT91SAM9XE256A | [PQFP208]     | (1427)       |
| Microchip | AT91SAM9XE256B | [PQFP208]     | (1427)       |
| Microchip | AT91SAM9XE512  | [PQFP208]     | (1427)       |
| Microchip | AT91SAM9XE512A | [PQFP208]     | (1427)       |
| Microchip | AT91SAM9XE512B | [PQFP208]     | (1427)       |
| Microchip | AT93C46D (x16) |               |              |
| Microchip | AT93C46D (x16) | (ISP)         | (138)        |
| Microchip | AT93C46D (x16) | [SOIC8]       | (950)        |
| Microchip | AT93C46D (x16) | [TSSOP8]      | (121)        |
| Microchip | AT93C46D (x16) | [UDFN8-2x3]   | (4538)       |
| Microchip | AT93C46D (x16) | [VFBGA-8U3-1] | (548)        |
| Microchip | AT93C46D (x8)  |               |              |

|           |                                |              |
|-----------|--------------------------------|--------------|
| Microchip | AT93C46D (x8) (ISP)            | (138)        |
| Microchip | AT93C46D (x8) [SOIC8]          | (950)        |
| Microchip | AT93C46D (x8) [TSSOP8]         | (121)        |
| Microchip | AT93C46D (x8) [UDFN8-2x3]      | (4538)       |
| Microchip | AT93C46D (x8) [VFBGA-8U3-1]    | (548)        |
| Microchip | AT93C46E                       |              |
| Microchip | AT93C46E (ISP)                 | (138)        |
| Microchip | AT93C46E [SOIC8]               | (950)        |
| Microchip | AT93C46E [TSSOP8]              | (121)        |
| Microchip | AT93C56B (x16) (ISP)           | (138)        |
| Microchip | AT93C56B (x16) [SOIC8]         | (950)        |
| Microchip | AT93C56B (x16) [TSSOP8]        | (121)        |
| Microchip | AT93C56B (x16) [UDFN8-2x3]     | (4538)       |
| Microchip | AT93C56B (x16) [VFBGA-8U3-1]   | (548)        |
| Microchip | AT93C56B (x8) (ISP)            | (138)        |
| Microchip | AT93C56B (x8) [SOIC8]          | (950)        |
| Microchip | AT93C56B (x8) [TSSOP8]         | (121)        |
| Microchip | AT93C56B (x8) [UDFN8-2x3]      | (4538)       |
| Microchip | AT93C56B (x8) [VFBGA-8U3-1]    | (548)        |
| Microchip | AT93C66B (x16) (ISP)           | (138)        |
| Microchip | AT93C66B (x16) [SOIC8]         | (950)        |
| Microchip | AT93C66B (x16) [TSSOP8]        | (121)        |
| Microchip | AT93C66B (x16) [UDFN8-2x3]     | (4538)       |
| Microchip | AT93C66B (x16) [VFBGA-8U3-1]   | (548)        |
| Microchip | AT93C66B (x8) (ISP)            | (138)        |
| Microchip | AT93C66B (x8) [SOIC8]          | (950)        |
| Microchip | AT93C66B (x8) [TSSOP8]         | (121)        |
| Microchip | AT93C66B (x8) [UDFN8-2x3]      | (4538)       |
| Microchip | AT93C66B (x8) [VFBGA-8U3-1]    | (548)        |
| Microchip | AT93C86A (1.8V) (x16)          |              |
| Microchip | AT93C86A (1.8V) (x16) (ISP)    | (138)        |
| Microchip | AT93C86A (1.8V) (x16) [SOIC8]  | (950)        |
| Microchip | AT93C86A (1.8V) (x16) [TSSOP8] | (121)        |
| Microchip | AT93C86A (1.8V) (x8)           |              |
| Microchip | AT93C86A (1.8V) (x8) (ISP)     | (138)        |
| Microchip | AT93C86A (1.8V) (x8) [SOIC8]   | (950)        |
| Microchip | AT93C86A (1.8V) (x8) [TSSOP8]  | (121)        |
| Microchip | AT93C86A (2.7V) (x16)          |              |
| Microchip | AT93C86A (2.7V) (x16) (ISP)    | (138)        |
| Microchip | AT93C86A (2.7V) (x16) [SOIC8]  | (950)        |
| Microchip | AT93C86A (2.7V) (x16) [TSSOP8] | (121)        |
| Microchip | AT93C86A (2.7V) (x8)           |              |
| Microchip | AT93C86A (2.7V) (x8) (ISP)     | (138)        |
| Microchip | AT93C86A (2.7V) (x8) [SOIC8]   | (950)        |
| Microchip | AT93C86A (2.7V) (x8) [TSSOP8]  | (121)        |
| Microchip | ATA5771 (ISP-SPI)              | (138) (9997) |
| Microchip | ATA5771 [QFN24]                | (1561)       |
| Microchip | ATA5773 (ISP-SPI)              | (138) (9997) |
| Microchip | ATA5773 [QFN24]                | (1561)       |
| Microchip | ATA5774 (ISP-SPI)              | (138) (9997) |
| Microchip | ATA5774 [QFN24]                | (1561)       |
| Microchip | ATA6285N [QFN32]               | (221)        |
| Microchip | ATA6286N [QFN32]               | (221)        |
| Microchip | ATA6612C (ISP-SPI)             | (138) (9997) |
| Microchip | ATA6612C [QFN48]               | (567)        |
| Microchip | ATA6612P (ISP-SPI)             | (138) (9997) |
| Microchip | ATA6612P [QFN48]               | (567)        |
| Microchip | ATA6613C (ISP-SPI)             | (138) (9997) |
| Microchip | ATA6613C [QFN48]               | (567)        |
| Microchip | ATA6613P (ISP-SPI)             | (138) (9997) |
| Microchip | ATA6613P [QFN48]               | (567)        |
| Microchip | ATA6614P [QFN48]               | (567)        |
| Microchip | ATA6614Q [QFN48]               | (567)        |
| Microchip | ATA6616C (ISP-SPI)             | (138) (9997) |
| Microchip | ATA6616C [VQFN38]              | (1562)       |
| Microchip | ATA6616P (ISP-SPI)             | (138) (9997) |
| Microchip | ATA6616P [VQFN38]              | (1562)       |
| Microchip | ATA6617C (ISP-SPI)             | (138) (9997) |
| Microchip | ATA6617C [VQFN38]              | (1562)       |
| Microchip | ATA6617P (ISP-SPI)             | (138) (9997) |
| Microchip | ATA6617P [VQFN38]              | (1562)       |
| Microchip | ATA664251 [QFN48]              | (567)        |
| Microchip | ATA8510 [QFN32]                | (221)        |
| Microchip | ATA8741 (ISP-SPI)              | (138) (9997) |
| Microchip | ATA8741 [QFN24]                | (1561)       |
| Microchip | ATA8742 (ISP-SPI)              | (138) (9997) |
| Microchip | ATA8742 [QFN24]                | (1561)       |
| Microchip | ATA8743 (ISP-SPI)              | (138) (9997) |
| Microchip | ATA8743 [QFN24]                | (1561)       |
| Microchip | ATF1500A [PLCC44]              | (67)         |
| Microchip | ATF1500A [TQFP44]              | (94)         |
| Microchip | ATF1502AS (ISP)                | (138)        |
| Microchip | ATF1502AS [PLCC44]             | (67)         |
| Microchip | ATF1502AS [TQFP44]             | (94)         |
| Microchip | ATF1502ASL (ISP)               | (138)        |
| Microchip | ATF1502ASL [PLCC44]            | (67)         |
| Microchip | ATF1502ASL [TQFP44]            | (94)         |
| Microchip | ATF1502ASV (ISP)               | (138)        |
| Microchip | ATF1502ASV [PLCC44]            | (67)         |
| Microchip | ATF1502ASV [TQFP44]            | (94)         |
| Microchip | ATF1502BE (ISP)                | (138)        |
| Microchip | ATF1502BE [TQFP44]             | (94)         |
| Microchip | ATF1504AS (ISP)                | (138)        |
| Microchip | ATF1504AS [PLCC44]             | (67)         |
| Microchip | ATF1504AS [PLCC68]             | (192)        |
| Microchip | ATF1504AS [PLCC84]             | (88)         |
| Microchip | ATF1504AS [PQFP100]            | (743)        |
| Microchip | ATF1504AS [TQFP100]            | (162)        |
| Microchip | ATF1504AS [TQFP44]             | (94)         |
| Microchip | ATF1504ASL (ISP)               | (138)        |
| Microchip | ATF1504ASL [PLCC44]            | (67)         |
| Microchip | ATF1504ASL [PLCC68]            | (192)        |
| Microchip | ATF1504ASL [PLCC84]            | (88)         |
| Microchip | ATF1504ASL [PQFP100]           | (743)        |
| Microchip | ATF1504ASL [TQFP100]           | (162)        |
| Microchip | ATF1504ASL [TQFP44]            | (94)         |
| Microchip | ATF1504ASV (ISP)               | (138)        |
| Microchip | ATF1504ASV [PLCC44]            | (67)         |
| Microchip | ATF1504ASV [PLCC68]            | (192)        |
| Microchip | ATF1504ASV [PLCC84]            | (88)         |
| Microchip | ATF1504ASV [PQFP100]           | (743)        |
| Microchip | ATF1504ASV [TQFP100]           | (162)        |
| Microchip | ATF1504ASV [TQFP44]            | (94)         |
| Microchip | ATF1504ASVL (ISP)              | (138)        |
| Microchip | ATF1504ASVL [PLCC44]           | (67)         |
| Microchip | ATF1504ASVL [PLCC68]           | (192)        |
| Microchip | ATF1504ASVL [PLCC84]           | (88)         |
| Microchip | ATF1504ASVL [PQFP100]          | (743)        |
| Microchip | ATF1504ASVL [TQFP100]          | (162)        |
| Microchip | ATF1504ASVL [TQFP44]           | (94)         |
| Microchip | ATF1504BE (ISP)                | (138)        |
| Microchip | ATF1504BE [TQFP100]            | (2786)       |
| Microchip | ATF1504BE [TQFP44]             | (94)         |
| Microchip | ATF1508AS (ISP)                | (138)        |
| Microchip | ATF1508AS [PLCC84]             | (88)         |
| Microchip | ATF1508AS [PQFP100]            | (743)        |
| Microchip | ATF1508AS [PQFP160]            | (2422)       |
| Microchip | ATF1508AS [TQFP100]            | (162)        |

|           |             |                       |        |
|-----------|-------------|-----------------------|--------|
| Microchip | ATF1508ASL  | (ISP)                 | (138)  |
| Microchip | ATF1508ASL  | [PLCC84]              | (88)   |
| Microchip | ATF1508ASL  | [PQFP100]             | (743)  |
| Microchip | ATF1508ASL  | [PQFP160]             | (2422) |
| Microchip | ATF1508ASL  | [TQFP100]             | (162)  |
| Microchip | ATF1508ASV  | (ISP)                 | (138)  |
| Microchip | ATF1508ASV  | [PLCC84]              | (88)   |
| Microchip | ATF1508ASV  | [PQFP100]             | (743)  |
| Microchip | ATF1508ASV  | [PQFP160]             | (2422) |
| Microchip | ATF1508ASV  | [TQFP100]             | (162)  |
| Microchip | ATF1508ASVL | (ISP)                 | (138)  |
| Microchip | ATF1508ASVL | [PLCC84]              | (88)   |
| Microchip | ATF1508ASVL | [PQFP100]             | (743)  |
| Microchip | ATF1508ASVL | [PQFP160]             | (2422) |
| Microchip | ATF1508ASVL | [TQFP100]             | (162)  |
| Microchip | ATF1508BE   | [TQFP100]             | (2786) |
| Microchip | ATF1508RE   | [TQFP100]             | (2786) |
| Microchip | ATF16LV8C   |                       |        |
| Microchip | ATF16LV8C   | [PLCC20]              | (47)   |
| Microchip | ATF16LV8C   | [SOIC20]              | (119)  |
| Microchip | ATF16LV8C   | [TSSOP20]             | (1089) |
| Microchip | ATF16LV8C   | as PAL10H8            |        |
| Microchip | ATF16LV8C   | as PAL10H8 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL10H8 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL10H8 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL10L8            |        |
| Microchip | ATF16LV8C   | as PAL10L8 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL10L8 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL10L8 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL10P8            |        |
| Microchip | ATF16LV8C   | as PAL10P8 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL10P8 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL10P8 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL12H6            |        |
| Microchip | ATF16LV8C   | as PAL12H6 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL12H6 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL12H6 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL12L6            |        |
| Microchip | ATF16LV8C   | as PAL12L6 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL12L6 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL12L6 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL12P6            |        |
| Microchip | ATF16LV8C   | as PAL12P6 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL12P6 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL12P6 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL14H4            |        |
| Microchip | ATF16LV8C   | as PAL14H4 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL14H4 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL14H4 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL14L4            |        |
| Microchip | ATF16LV8C   | as PAL14L4 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL14L4 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL14L4 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL14P4            |        |
| Microchip | ATF16LV8C   | as PAL14P4 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL14P4 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL14P4 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL16H2            |        |
| Microchip | ATF16LV8C   | as PAL16H2 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL16H2 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL16H2 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL16H8            |        |
| Microchip | ATF16LV8C   | as PAL16H8 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL16H8 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL16H8 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL16L2            |        |
| Microchip | ATF16LV8C   | as PAL16L2 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL16L2 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL16L2 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL16L8            |        |
| Microchip | ATF16LV8C   | as PAL16L8 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL16L8 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL16L8 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL16P2            |        |
| Microchip | ATF16LV8C   | as PAL16P2 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL16P2 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL16P2 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL16P8            |        |
| Microchip | ATF16LV8C   | as PAL16P8 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL16P8 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL16P8 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL16R4            |        |
| Microchip | ATF16LV8C   | as PAL16R4 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL16R4 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL16R4 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL16R6            |        |
| Microchip | ATF16LV8C   | as PAL16R6 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL16R6 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL16R6 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL16R8            |        |
| Microchip | ATF16LV8C   | as PAL16R8 [PLCC20]   | (47)   |
| Microchip | ATF16LV8C   | as PAL16R8 [SOIC20]   | (119)  |
| Microchip | ATF16LV8C   | as PAL16R8 [TSSOP20]  | (1089) |
| Microchip | ATF16LV8C   | as PAL16RP4           |        |
| Microchip | ATF16LV8C   | as PAL16RP4 [PLCC20]  | (47)   |
| Microchip | ATF16LV8C   | as PAL16RP4 [SOIC20]  | (119)  |
| Microchip | ATF16LV8C   | as PAL16RP4 [TSSOP20] | (1089) |
| Microchip | ATF16LV8C   | as PAL16RP6           |        |
| Microchip | ATF16LV8C   | as PAL16RP6 [PLCC20]  | (47)   |
| Microchip | ATF16LV8C   | as PAL16RP6 [SOIC20]  | (119)  |
| Microchip | ATF16LV8C   | as PAL16RP6 [TSSOP20] | (1089) |
| Microchip | ATF16LV8C   | as PAL16RP8           |        |
| Microchip | ATF16LV8C   | as PAL16RP8 [PLCC20]  | (47)   |
| Microchip | ATF16LV8C   | as PAL16RP8 [SOIC20]  | (119)  |
| Microchip | ATF16LV8C   | as PAL16RP8 [TSSOP20] | (1089) |
| Microchip | ATF16V8B    |                       |        |
| Microchip | ATF16V8B    | [PLCC20]              | (47)   |
| Microchip | ATF16V8B    | [SOIC20]              | (119)  |
| Microchip | ATF16V8B    | [TSSOP20]             | (1089) |
| Microchip | ATF16V8B    | as PAL10H8            |        |
| Microchip | ATF16V8B    | as PAL10H8 [PLCC20]   | (47)   |
| Microchip | ATF16V8B    | as PAL10H8 [SOIC20]   | (119)  |
| Microchip | ATF16V8B    | as PAL10H8 [TSSOP20]  | (1089) |
| Microchip | ATF16V8B    | as PAL10L8            |        |
| Microchip | ATF16V8B    | as PAL10L8 [PLCC20]   | (47)   |
| Microchip | ATF16V8B    | as PAL10L8 [SOIC20]   | (119)  |
| Microchip | ATF16V8B    | as PAL10L8 [TSSOP20]  | (1089) |
| Microchip | ATF16V8B    | as PAL10P8            |        |
| Microchip | ATF16V8B    | as PAL10P8 [PLCC20]   | (47)   |
| Microchip | ATF16V8B    | as PAL10P8 [SOIC20]   | (119)  |
| Microchip | ATF16V8B    | as PAL10P8 [TSSOP20]  | (1089) |
| Microchip | ATF16V8B    | as PAL12H6            |        |
| Microchip | ATF16V8B    | as PAL12H6 [PLCC20]   | (47)   |
| Microchip | ATF16V8B    | as PAL12H6 [SOIC20]   | (119)  |
| Microchip | ATF16V8B    | as PAL12H6 [TSSOP20]  | (1089) |
| Microchip | ATF16V8B    | as PAL12L6            |        |
| Microchip | ATF16V8B    | as PAL12L6 [PLCC20]   | (47)   |
| Microchip | ATF16V8B    | as PAL12L6 [SOIC20]   | (119)  |

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|           |              |     |           |           |        |
|-----------|--------------|-----|-----------|-----------|--------|
| Microchip | ATF16V8CZ    | as  | PAL10P8   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL12H6   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL12H6   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL12H6   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL12H6   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL12L6   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL12L6   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL12L6   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL12L6   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL12P6   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL12P6   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL12P6   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL12P6   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL14H4   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL14H4   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL14H4   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL14H4   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL14L4   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL14L4   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL14L4   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL14L4   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL14P4   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL14P4   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL14P4   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL14P4   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL16H2   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL16H2   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL16H2   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL16H2   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL16H8   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL16H8   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL16H8   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL16H8   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL16L2   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL16L2   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL16L2   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL16L2   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL16L8   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL16L8   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL16L8   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL16L8   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL16P2   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL16P2   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL16P2   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL16P2   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL16P8   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL16P8   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL16P8   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL16P8   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL16R4   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL16R4   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL16R4   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL16R4   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL16R6   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL16R6   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL16R6   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL16R6   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL16R8   |           |        |
| Microchip | ATF16V8CZ    | as  | PAL16R8   | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL16R8   | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL16R8   | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL16RP4  |           |        |
| Microchip | ATF16V8CZ    | as  | PAL16RP4  | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL16RP4  | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL16RP4  | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL16RP6  |           |        |
| Microchip | ATF16V8CZ    | as  | PAL16RP6  | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL16RP6  | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL16RP6  | [TSSOP20] | (1089) |
| Microchip | ATF16V8CZ    | as  | PAL16RP8  |           |        |
| Microchip | ATF16V8CZ    | as  | PAL16RP8  | [PLCC20]  | (47)   |
| Microchip | ATF16V8CZ    | as  | PAL16RP8  | [SOIC20]  | (119)  |
| Microchip | ATF16V8CZ    | as  | PAL16RP8  | [TSSOP20] | (1089) |
| Microchip | ATF22LV10C   |     |           |           |        |
| Microchip | ATF22LV10C   |     | [PLCC28]  |           | (48)   |
| Microchip | ATF22LV10C   |     | [SOIC24]  |           | (1062) |
| Microchip | ATF22LV10C   |     | [TSSOP24] |           | (1090) |
| Microchip | ATF22LV10CQZ |     |           |           |        |
| Microchip | ATF22LV10CQZ |     | [PLCC28]  |           | (48)   |
| Microchip | ATF22LV10CQZ |     | [SOIC24]  |           | (1062) |
| Microchip | ATF22LV10CQZ |     | [TSSOP24] |           | (1090) |
| Microchip | ATF22V10B    |     |           |           |        |
| Microchip | ATF22V10B    |     | [LCC28]   |           | (633)  |
| Microchip | ATF22V10B    |     | [PLCC28]  |           | (48)   |
| Microchip | ATF22V10B    |     | [SOIC24]  |           | (1062) |
| Microchip | ATF22V10B    |     | [TSSOP24] |           | (1090) |
| Microchip | ATF22V10C    |     |           |           |        |
| Microchip | ATF22V10C    |     | [LCC28]   |           | (633)  |
| Microchip | ATF22V10C    |     | [PLCC28]  |           | (48)   |
| Microchip | ATF22V10C    |     | [SOIC24]  |           | (1062) |
| Microchip | ATF22V10C    |     | [TSSOP24] |           | (1090) |
| Microchip | ATF22V10CQ   |     |           |           |        |
| Microchip | ATF22V10CQ   |     | [PLCC28]  |           | (48)   |
| Microchip | ATF22V10CQ   |     | [SOIC24]  |           | (1062) |
| Microchip | ATF22V10CQ   |     | [TSSOP24] |           | (1090) |
| Microchip | ATF22V10CQZ  |     |           |           |        |
| Microchip | ATF22V10CQZ  |     | [PLCC28]  |           | (48)   |
| Microchip | ATF22V10CQZ  |     | [SOIC24]  |           | (1062) |
| Microchip | ATF22V10CQZ  |     | [TSSOP24] |           | (1090) |
| Microchip | ATF2500C     |     |           |           |        |
| Microchip | ATF2500C     |     | [LCC44]   |           | (739)  |
| Microchip | ATF2500C     |     | [PLCC44]  |           | (67)   |
| Microchip | ATF2500C     | AS  | V2500     |           |        |
| Microchip | ATF2500C     | AS  | V2500     | [LCC44]   | (739)  |
| Microchip | ATF2500C     | AS  | V2500     | [PLCC44]  | (67)   |
| Microchip | ATF2500C     | AS  | V2500B    |           |        |
| Microchip | ATF2500C     | AS  | V2500B    | [LCC44]   | (739)  |
| Microchip | ATF2500C     | AS  | V2500B    | [PLCC44]  | (67)   |
| Microchip | ATF750C      |     |           |           |        |
| Microchip | ATF750C      |     | [LCC28]   |           | (633)  |
| Microchip | ATF750C      |     | [PLCC28]  |           | (48)   |
| Microchip | ATF750C      |     | [SOIC24]  |           | (1062) |
| Microchip | ATF750C      |     | [TSSOP24] |           | (1090) |
| Microchip | ATF750C      | AS  | V750      |           |        |
| Microchip | ATF750C      | AS  | V750      | [LCC28]   | (633)  |
| Microchip | ATF750C      | AS  | V750      | [PLCC28]  | (48)   |
| Microchip | ATF750C      | AS  | V750      | [SOIC24]  | (1062) |
| Microchip | ATF750C      | AS  | V750      | [TSSOP24] | (1090) |
| Microchip | ATF750C      | AS  | V750B     |           |        |
| Microchip | ATF750C      | AS  | V750B     | [LCC28]   | (633)  |
| Microchip | ATF750C      | AS  | V750B     | [PLCC28]  | (48)   |
| Microchip | ATF750C      | AS  | V750B     | [SOIC24]  | (1062) |
| Microchip | ATF750C      | AS  | V750B     | [TSSOP24] | (1090) |
| Microchip | ATF750C      | EXT |           |           |        |
| Microchip | ATF750C      | EXT | [LCC28]   |           | (633)  |
| Microchip | ATF750C      | EXT | [PLCC28]  |           | (48)   |
| Microchip | ATF750C      | EXT | [SOIC24]  |           | (1062) |
| Microchip | ATF750C      | EXT | [TSSOP24] |           | (1090) |

|           |                                  |              |  |
|-----------|----------------------------------|--------------|--|
| Microchip | ATF750CL                         |              |  |
| Microchip | ATF750CL [PLCC28]                | (48)         |  |
| Microchip | ATF750CL [SOIC24]                | (1062)       |  |
| Microchip | ATF750CL [TSSOP24]               | (1090)       |  |
| Microchip | ATF750CL AS V750                 |              |  |
| Microchip | ATF750CL AS V750 [PLCC28]        | (48)         |  |
| Microchip | ATF750CL AS V750 [SOIC24]        | (1062)       |  |
| Microchip | ATF750CL AS V750 [TSSOP24]       | (1090)       |  |
| Microchip | ATF750CL AS V750B                |              |  |
| Microchip | ATF750CL AS V750B [PLCC28]       | (48)         |  |
| Microchip | ATF750CL AS V750B [SOIC24]       | (1062)       |  |
| Microchip | ATF750CL AS V750B [TSSOP24]      | (1090)       |  |
| Microchip | ATF750LVC                        |              |  |
| Microchip | ATF750LVC [PLCC28]               | (48)         |  |
| Microchip | ATF750LVC [TSSOP24]              | (1090)       |  |
| Microchip | ATF750LVC AS V750                |              |  |
| Microchip | ATF750LVC AS V750 [PLCC28]       | (48)         |  |
| Microchip | ATF750LVC AS V750 [SOIC24]       | (1062)       |  |
| Microchip | ATF750LVC AS V750 [TSSOP24]      | (1090)       |  |
| Microchip | ATF750LVC AS V750B               |              |  |
| Microchip | ATF750LVC AS V750B [PLCC28]      | (48)         |  |
| Microchip | ATF750LVC AS V750B [SOIC24]      | (1062)       |  |
| Microchip | ATF750LVC AS V750B [TSSOP24]     | (1090)       |  |
| Microchip | ATF750LVC EXT                    |              |  |
| Microchip | ATF750LVC EXT [PLCC28]           | (48)         |  |
| Microchip | ATF750LVC EXT [SOIC24]           | (1062)       |  |
| Microchip | ATF750LVC EXT [TSSOP24]          | (1090)       |  |
| Microchip | ATF750LVC [SOIC24]               | (1062)       |  |
| Microchip | ATmega128 (ISP-JTAG)             | (138)        |  |
| Microchip | ATmega128 (ISP-SPI)              | (138)        |  |
| Microchip | ATmega128 (ISP-SPI) (Enhanced)   | (138) (9997) |  |
| Microchip | ATmega128 [MLF64]                | (559)        |  |
| Microchip | ATmega128 [TQFP64]               | (103)        |  |
| Microchip | ATmega1280 (ISP-JTAG)            | (138)        |  |
| Microchip | ATmega1280 (ISP-SPI)             | (138)        |  |
| Microchip | ATmega1280 (ISP-SPI) (Enhanced)  | (138) (9997) |  |
| Microchip | ATmega1280 [CBGA100]             | (1031)       |  |
| Microchip | ATmega1280 [TQFP100]             | (560)        |  |
| Microchip | ATmega1280V (ISP-JTAG)           | (138)        |  |
| Microchip | ATmega1280V (ISP-SPI)            | (138)        |  |
| Microchip | ATmega1280V (ISP-SPI) (Enhanced) | (138) (9997) |  |
| Microchip | ATmega1280V [CBGA100]            | (1031)       |  |
| Microchip | ATmega1280V [TQFP100]            | (560)        |  |
| Microchip | ATmega1281 (ISP-JTAG)            | (138)        |  |
| Microchip | ATmega1281 (ISP-SPI)             | (138)        |  |
| Microchip | ATmega1281 (ISP-SPI) (Enhanced)  | (138) (9997) |  |
| Microchip | ATmega1281 [MLF64]               | (559)        |  |
| Microchip | ATmega1281 [TQFP64]              | (103)        |  |
| Microchip | ATmega1281V (ISP-JTAG)           | (138)        |  |
| Microchip | ATmega1281V (ISP-SPI)            | (138)        |  |
| Microchip | ATmega1281V (ISP-SPI) (Enhanced) | (138) (9997) |  |
| Microchip | ATmega1281V [MLF64]              | (559)        |  |
| Microchip | ATmega1281V [TQFP64]             | (103)        |  |
| Microchip | ATmega1284                       |              |  |
| Microchip | ATmega1284 (ISP-JTAG)            | (138)        |  |
| Microchip | ATmega1284 (ISP-SPI)             | (138)        |  |
| Microchip | ATmega1284 (ISP-SPI) (Enhanced)  | (138) (9997) |  |
| Microchip | ATmega1284 [TQFP44]              | (94)         |  |
| Microchip | ATmega1284 [VQFN44]              | (231)        |  |
| Microchip | ATmega1284P                      |              |  |
| Microchip | ATmega1284P (ISP-JTAG)           | (138)        |  |
| Microchip | ATmega1284P (ISP-SPI)            | (138)        |  |
| Microchip | ATmega1284P (ISP-SPI) (Enhanced) | (138) (9997) |  |
| Microchip | ATmega1284P [TQFP44]             | (94)         |  |
| Microchip | ATmega1284P [VQFN44]             | (231)        |  |
| Microchip | ATmega1284RFR2 (ISP-JTAG)        | (138)        |  |
| Microchip | ATmega1284RFR2 (ISP-SPI)         | (138)        |  |
| Microchip | ATmega1284RFR2 [VQFN48]          | (567)        |  |
| Microchip | ATmega128A (ISP-JTAG)            | (138)        |  |
| Microchip | ATmega128A (ISP-SPI)             | (138)        |  |
| Microchip | ATmega128A (ISP-SPI) (Enhanced)  | (138) (9997) |  |
| Microchip | ATmega128A [MLF64]               | (559)        |  |
| Microchip | ATmega128A [TQFP64]              | (103)        |  |
| Microchip | ATmega128L (ISP-JTAG)            | (138)        |  |
| Microchip | ATmega128L (ISP-SPI)             | (138)        |  |
| Microchip | ATmega128L (ISP-SPI) (Enhanced)  | (138) (9997) |  |
| Microchip | ATmega128L [MLF64]               | (559)        |  |
| Microchip | ATmega128L [TQFP64]              | (103)        |  |
| Microchip | ATmega128RFA1 (ISP-SPI)          | (138)        |  |
| Microchip | ATmega128RFA1 [QFN64]            | (2385)       |  |
| Microchip | ATmega128RFR2 (ISP-JTAG)         | (138)        |  |
| Microchip | ATmega128RFR2 (ISP-SPI)          | (138)        |  |
| Microchip | ATmega128RFR2 [QFN64]            | (2385)       |  |
| Microchip | ATmega16                         |              |  |
| Microchip | ATmega16 (ISP-JTAG)              | (138)        |  |
| Microchip | ATmega16 (ISP-SPI)               | (138)        |  |
| Microchip | ATmega16 (ISP-SPI) (Enhanced)    | (138) (9997) |  |
| Microchip | ATmega16 [MLF44]                 | (231)        |  |
| Microchip | ATmega16 [TQFP44]                | (94)         |  |
| Microchip | ATmega1608 [QFN32]               | (4740)       |  |
| Microchip | ATmega1608 [QFP32]               | (4739)       |  |
| Microchip | ATmega1608 [SSOP28]              | (4741)       |  |
| Microchip | ATmega1609 [QFN48]               | (5043)       |  |
| Microchip | ATmega1609 [QFP48]               | (4738)       |  |
| Microchip | ATmega162                        |              |  |
| Microchip | ATmega162 (ISP-JTAG)             | (138)        |  |
| Microchip | ATmega162 (ISP-SPI)              | (138)        |  |
| Microchip | ATmega162 [MLF44]                | (231)        |  |
| Microchip | ATmega162 [TQFP44]               | (94)         |  |
| Microchip | ATmega162L                       |              |  |
| Microchip | ATmega162L [TQFP44]              | (94)         |  |
| Microchip | ATmega162U                       |              |  |
| Microchip | ATmega162U (ISP-JTAG)            | (138)        |  |
| Microchip | ATmega162U (ISP-SPI)             | (138)        |  |
| Microchip | ATmega162U [MLF44]               | (231)        |  |
| Microchip | ATmega162U [TQFP44]              | (94)         |  |
| Microchip | ATmega162V                       |              |  |
| Microchip | ATmega162V (ISP-JTAG)            | (138)        |  |
| Microchip | ATmega162V (ISP-SPI)             | (138)        |  |
| Microchip | ATmega162V [MLF44]               | (231)        |  |
| Microchip | ATmega162V [TQFP44]              | (94)         |  |
| Microchip | ATmega164                        |              |  |
| Microchip | ATmega164 (ISP-JTAG)             | (138)        |  |
| Microchip | ATmega164 (ISP-SPI)              | (138)        |  |
| Microchip | ATmega164 [MLF44]                | (231)        |  |
| Microchip | ATmega164 [TQFP44]               | (94)         |  |
| Microchip | ATmega164A                       |              |  |
| Microchip | ATmega164A (ISP-JTAG)            | (138)        |  |
| Microchip | ATmega164A (ISP-SPI)             | (138)        |  |
| Microchip | ATmega164A [DRQFN44]             | (2668)       |  |
| Microchip | ATmega164A [MLF44]               | (231)        |  |
| Microchip | ATmega164A [TQFP44]              | (94)         |  |
| Microchip | ATmega164A [VFBGA49]             | (2139)       |  |
| Microchip | ATmega164P                       |              |  |
| Microchip | ATmega164P (ISP-JTAG)            | (138)        |  |
| Microchip | ATmega164P (ISP-SPI)             | (138)        |  |
| Microchip | ATmega164P [MLF44]               | (231)        |  |
| Microchip | ATmega164P [TQFP44]              | (94)         |  |

|           |              |                               |              |
|-----------|--------------|-------------------------------|--------------|
| Microchip | ATmega164PA  |                               |              |
| Microchip | ATmega164PA  | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega164PA  | (ISP-SPI)                     | (138)        |
| Microchip | ATmega164PA  | (ISP-SPI) (Enhanced)          | (138) (9997) |
| Microchip | ATmega164PA  | [DRQFN44]                     | (2668)       |
| Microchip | ATmega164PA  | [MLF44]                       | (231)        |
| Microchip | ATmega164PA  | [TQFP44]                      | (94)         |
| Microchip | ATmega164PA  | [VFBGA49]                     | (2139)       |
| Microchip | ATmega164P-B | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega164P-B | (ISP-SPI)                     | (138)        |
| Microchip | ATmega164P-B | [MLF44]                       | (231)        |
| Microchip | ATmega164P-B | [TQFP44]                      | (94)         |
| Microchip | ATmega164PV  |                               |              |
| Microchip | ATmega164PV  | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega164PV  | (ISP-SPI)                     | (138)        |
| Microchip | ATmega164PV  | (ISP-SPI) (Enhanced)          | (138) (9997) |
| Microchip | ATmega164PV  | (ISP-SPI) (OSCCAL)            | (138) (9997) |
| Microchip | ATmega164PV  | [MLF44]                       | (231)        |
| Microchip | ATmega164PV  | [TQFP44]                      | (94)         |
| Microchip | ATmega164V   |                               |              |
| Microchip | ATmega164V   | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega164V   | (ISP-SPI)                     | (138)        |
| Microchip | ATmega164V   | [MLF44]                       | (231)        |
| Microchip | ATmega164V   | [TQFP44]                      | (94)         |
| Microchip | ATmega165    | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega165    | (ISP-SPI)                     | (138)        |
| Microchip | ATmega165    | [MLF64]                       | (559)        |
| Microchip | ATmega165    | [TQFP64]                      | (103)        |
| Microchip | ATmega165A   | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega165A   | (ISP-SPI)                     | (138)        |
| Microchip | ATmega165A   | [MLF64]                       | (559)        |
| Microchip | ATmega165A   | [TQFP64]                      | (103)        |
| Microchip | ATmega165P   | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega165P   | (ISP-SPI)                     | (138)        |
| Microchip | ATmega165P   | [MLF64]                       | (559)        |
| Microchip | ATmega165P   | [TQFP64]                      | (103)        |
| Microchip | ATmega165PA  | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega165PA  | (ISP-SPI)                     | (138)        |
| Microchip | ATmega165PA  | [MLF64]                       | (559)        |
| Microchip | ATmega165PA  | [TQFP64]                      | (103)        |
| Microchip | ATmega165PV  | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega165PV  | (ISP-SPI)                     | (138)        |
| Microchip | ATmega165PV  | [MLF64]                       | (559)        |
| Microchip | ATmega165PV  | [TQFP64]                      | (103)        |
| Microchip | ATmega165V   | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega165V   | (ISP-SPI)                     | (138)        |
| Microchip | ATmega165V   | [MLF64]                       | (559)        |
| Microchip | ATmega165V   | [TQFP64]                      | (103)        |
| Microchip | ATmega168    |                               |              |
| Microchip | ATmega168    | (ISP-SPI)                     | (138)        |
| Microchip | ATmega168    | (ISP-SPI) (Enhanced)          | (138) (9997) |
| Microchip | ATmega168    | [MLF32]                       | (221)        |
| Microchip | ATmega168    | [MLF32] (NC pins 3,6)         | (221)        |
| Microchip | ATmega168    | [TQFP32]                      | (159)        |
| Microchip | ATmega168    | [TQFP32] (NC pins 3,6)        | (159)        |
| Microchip | ATmega168A   |                               |              |
| Microchip | ATmega168A   | (ISP-SPI)                     | (138)        |
| Microchip | ATmega168A   | (ISP-SPI) (Enhanced)          | (138) (9997) |
| Microchip | ATmega168A   | [MLF28]                       | (1005)       |
| Microchip | ATmega168A   | [MLF32]                       | (221)        |
| Microchip | ATmega168A   | [MLF32] (NC pins 3,6)         | (221)        |
| Microchip | ATmega168A   | [TQFP32]                      | (159)        |
| Microchip | ATmega168A   | [TQFP32] (NC pins 3,6)        | (159)        |
| Microchip | ATmega168A   | [UFBGA32]                     | (2141)       |
| Microchip | ATmega168P   |                               |              |
| Microchip | ATmega168P   | (ISP-SPI)                     | (138)        |
| Microchip | ATmega168P   | (ISP-SPI) (Enhanced)          | (138) (9997) |
| Microchip | ATmega168P   | [MLF32]                       | (221)        |
| Microchip | ATmega168P   | [MLF32] (NC pins 3,6)         | (221)        |
| Microchip | ATmega168P   | [TQFP32]                      | (159)        |
| Microchip | ATmega168P   | [TQFP32] (NC pins 3,6)        | (159)        |
| Microchip | ATmega168PA  |                               |              |
| Microchip | ATmega168PA  | (ISP-SPI)                     | (138)        |
| Microchip | ATmega168PA  | (ISP-SPI) (Enhanced)          | (138) (9997) |
| Microchip | ATmega168PA  | (ISP-SPI) (SEM-1)             | (138) (9999) |
| Microchip | ATmega168PA  | [MLF28]                       | (1005)       |
| Microchip | ATmega168PA  | [MLF32]                       | (221)        |
| Microchip | ATmega168PA  | [MLF32] (NC pins 3,6)         | (221)        |
| Microchip | ATmega168PA  | [MLF32] (SEM-1)               | (221) (9999) |
| Microchip | ATmega168PA  | [MLF32] (SEM-1) (NC pins 3,6) | (221) (9999) |
| Microchip | ATmega168PA  | [TQFP32]                      | (159)        |
| Microchip | ATmega168PA  | [TQFP32] (NC pins 3,6)        | (159)        |
| Microchip | ATmega168PA  | [UFBGA32]                     | (2141)       |
| Microchip | ATmega168PB  | (ISP-SPI)                     | (138)        |
| Microchip | ATmega168PB  | (ISP-SPI) (Enhanced)          | (138) (9997) |
| Microchip | ATmega168PB  | [MLF32]                       | (221)        |
| Microchip | ATmega168PB  | [TQFP32]                      | (159)        |
| Microchip | ATmega168PV  |                               |              |
| Microchip | ATmega168PV  | (ISP-SPI)                     | (138)        |
| Microchip | ATmega168PV  | (ISP-SPI) (Enhanced)          | (138) (9997) |
| Microchip | ATmega168PV  | [MLF32]                       | (221)        |
| Microchip | ATmega168PV  | [MLF32] (NC pins 3,6)         | (221)        |
| Microchip | ATmega168PV  | [TQFP32]                      | (159)        |
| Microchip | ATmega168PV  | [TQFP32] (NC pins 3,6)        | (159)        |
| Microchip | ATmega168V   |                               |              |
| Microchip | ATmega168V   | (ISP-SPI)                     | (138)        |
| Microchip | ATmega168V   | (ISP-SPI) (Enhanced)          | (138) (9997) |
| Microchip | ATmega168V   | [MLF32]                       | (221)        |
| Microchip | ATmega168V   | [MLF32] (NC pins 3,6)         | (221)        |
| Microchip | ATmega168V   | [TQFP32]                      | (159)        |
| Microchip | ATmega168V   | [TQFP32] (NC pins 3,6)        | (159)        |
| Microchip | ATmega169    | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega169    | (ISP-SPI)                     | (138)        |
| Microchip | ATmega169    | [MLF64]                       | (559)        |
| Microchip | ATmega169    | [TQFP64]                      | (103)        |
| Microchip | ATmega169A   | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega169A   | (ISP-SPI)                     | (138)        |
| Microchip | ATmega169A   | [DRQFN64]                     | (3073)       |
| Microchip | ATmega169A   | [MLF64]                       | (559)        |
| Microchip | ATmega169A   | [TQFP64]                      | (103)        |
| Microchip | ATmega169L   | (ISP-SPI)                     | (138)        |
| Microchip | ATmega169L   | [MLF64]                       | (559)        |
| Microchip | ATmega169L   | [TQFP64]                      | (103)        |
| Microchip | ATmega169P   | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega169P   | (ISP-SPI)                     | (138)        |
| Microchip | ATmega169P   | [MLF64]                       | (559)        |
| Microchip | ATmega169P   | [TQFP64]                      | (103)        |
| Microchip | ATmega169PA  | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega169PA  | (ISP-SPI)                     | (138)        |
| Microchip | ATmega169PA  | [DRQFN64]                     | (3073)       |
| Microchip | ATmega169PA  | [MLF64]                       | (559)        |
| Microchip | ATmega169PA  | [TQFP64]                      | (103)        |
| Microchip | ATmega169PV  | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega169PV  | (ISP-SPI)                     | (138)        |
| Microchip | ATmega169PV  | [MLF64]                       | (559)        |
| Microchip | ATmega169PV  | [TQFP64]                      | (103)        |
| Microchip | ATmega169V   | (ISP-JTAG)                    | (138)        |
| Microchip | ATmega169V   | (ISP-SPI)                     | (138)        |

|           |                                  |              |
|-----------|----------------------------------|--------------|
| Microchip | ATmega169V [MLF64]               | (559)        |
| Microchip | ATmega169V [TQFP64]              | (103)        |
| Microchip | ATmega16A                        |              |
| Microchip | ATmega16A (ISP-JTAG)             | (138)        |
| Microchip | ATmega16A (ISP-SPI)              | (138)        |
| Microchip | ATmega16A [MLF44]                | (231)        |
| Microchip | ATmega16A [TQFP44]               | (94)         |
| Microchip | ATmega16L                        |              |
| Microchip | ATmega16L (ISP-JTAG)             | (138)        |
| Microchip | ATmega16L (ISP-SPI)              | (138)        |
| Microchip | ATmega16L [MLF44]                | (231)        |
| Microchip | ATmega16L [TQFP44]               | (94)         |
| Microchip | ATmega16M1 (ISP-SPI)             | (138)        |
| Microchip | ATmega16M1 (ISP-SPI) (Enhanced)  | (138)        |
| Microchip | ATmega16M1 [QFN32]               | (1080)       |
| Microchip | ATmega16M1 [TQFP32]              | (159)        |
| Microchip | ATmega16U2 (ISP-SPI)             | (138)        |
| Microchip | ATmega16U2 [QFN32]               | (221)        |
| Microchip | ATmega16U2 [TQFP32]              | (159)        |
| Microchip | ATmega16U4 (ISP-JTAG)            | (138)        |
| Microchip | ATmega16U4 (ISP-SPI)             | (138)        |
| Microchip | ATmega16U4 [QFN44]               | (231)        |
| Microchip | ATmega16U4 [TQFP44]              | (94)         |
| Microchip | ATmega16U4RC (ISP-JTAG)          | (138)        |
| Microchip | ATmega16U4RC (ISP-SPI)           | (138)        |
| Microchip | ATmega16U4RC [QFN44]             | (231)        |
| Microchip | ATmega16U4RC [TQFP44]            | (94)         |
| Microchip | ATmega2560 (ISP-JTAG)            | (138)        |
| Microchip | ATmega2560 (ISP-SPI)             | (138)        |
| Microchip | ATmega2560 (ISP-SPI) (Enhanced)  | (138) (9997) |
| Microchip | ATmega2560 [CBGA100]             | (1031)       |
| Microchip | ATmega2560 [TQFP100]             | (560)        |
| Microchip | ATmega2560V (ISP-JTAG)           | (138)        |
| Microchip | ATmega2560V (ISP-SPI)            | (138)        |
| Microchip | ATmega2560V (ISP-SPI) (Enhanced) | (138) (9997) |
| Microchip | ATmega2560V [CBGA100]            | (1031)       |
| Microchip | ATmega2560V [TQFP100]            | (560)        |
| Microchip | ATmega2561 (ISP-JTAG)            | (138)        |
| Microchip | ATmega2561 (ISP-SPI)             | (138)        |
| Microchip | ATmega2561 (ISP-SPI) (Enhanced)  | (138) (9997) |
| Microchip | ATmega2561 [MLF64]               | (559)        |
| Microchip | ATmega2561 [TQFP64]              | (103)        |
| Microchip | ATmega2561V (ISP-JTAG)           | (138)        |
| Microchip | ATmega2561V (ISP-SPI)            | (138)        |
| Microchip | ATmega2561V (ISP-SPI) (Enhanced) | (138) (9997) |
| Microchip | ATmega2561V [MLF64]              | (559)        |
| Microchip | ATmega2561V [TQFP64]             | (103)        |
| Microchip | ATmega2564RFR2 (ISP-JTAG)        | (138)        |
| Microchip | ATmega2564RFR2 (ISP-SPI)         | (138)        |
| Microchip | ATmega2564RFR2 [VQFN48]          | (567)        |
| Microchip | ATmega256RFR2 (ISP-JTAG)         | (138)        |
| Microchip | ATmega256RFR2 (ISP-SPI)          | (138)        |
| Microchip | ATmega256RFR2 [QFN64]            | (2385)       |
| Microchip | ATmega32                         |              |
| Microchip | ATmega32 (ISP-JTAG)              | (138)        |
| Microchip | ATmega32 (ISP-SPI)               | (138)        |
| Microchip | ATmega32 [MLF44]                 | (231)        |
| Microchip | ATmega32 [TQFP44]                | (94)         |
| Microchip | ATmega3208 (ISP-UPDI)            | (138) (9997) |
| Microchip | ATmega3208 [QFN32]               | (4740)       |
| Microchip | ATmega3208 [QFP32]               | (4739)       |
| Microchip | ATmega3208 [SSOP28]              | (4741)       |
| Microchip | ATmega3209 (ISP-UPDI)            | (138) (9997) |
| Microchip | ATmega3209 [QFN48]               | (5043)       |
| Microchip | ATmega3209 [QFP48]               | (4738)       |
| Microchip | ATmega324                        |              |
| Microchip | ATmega324 (ISP-JTAG)             | (138)        |
| Microchip | ATmega324 (ISP-SPI)              | (138)        |
| Microchip | ATmega324 [MLF44]                | (231)        |
| Microchip | ATmega324 [TQFP44]               | (94)         |
| Microchip | ATmega324A                       |              |
| Microchip | ATmega324A (ISP-JTAG)            | (138)        |
| Microchip | ATmega324A (ISP-SPI)             | (138)        |
| Microchip | ATmega324A [DRQFN44]             | (2668)       |
| Microchip | ATmega324A [MLF44]               | (231)        |
| Microchip | ATmega324A [TQFP44]              | (94)         |
| Microchip | ATmega324A [VFBGA49]             | (2139)       |
| Microchip | ATmega324P                       |              |
| Microchip | ATmega324P (ISP-JTAG)            | (138)        |
| Microchip | ATmega324P (ISP-SPI)             | (138)        |
| Microchip | ATmega324P [MLF44]               | (231)        |
| Microchip | ATmega324P [TQFP44]              | (94)         |
| Microchip | ATmega324PA                      |              |
| Microchip | ATmega324PA (ISP-JTAG)           | (138)        |
| Microchip | ATmega324PA (ISP-SPI)            | (138)        |
| Microchip | ATmega324PA [DRQFN44]            | (2668)       |
| Microchip | ATmega324PA [MLF44]              | (231)        |
| Microchip | ATmega324PA [TQFP44]             | (94)         |
| Microchip | ATmega324PA [VFBGA49]            | (2139)       |
| Microchip | ATmega324P-B (ISP-JTAG)          | (138)        |
| Microchip | ATmega324P-B (ISP-SPI)           | (138)        |
| Microchip | ATmega324PB [MLF44]              | (231)        |
| Microchip | ATmega324P-B [MLF44]             | (231)        |
| Microchip | ATmega324PB [TQFP44]             | (94)         |
| Microchip | ATmega324P-B [TQFP44]            | (94)         |
| Microchip | ATmega324PV                      |              |
| Microchip | ATmega324PV (ISP-JTAG)           | (138)        |
| Microchip | ATmega324PV (ISP-SPI)            | (138)        |
| Microchip | ATmega324PV [MLF44]              | (231)        |
| Microchip | ATmega324PV [TQFP44]             | (94)         |
| Microchip | ATmega324V                       |              |
| Microchip | ATmega324V (ISP-JTAG)            | (138)        |
| Microchip | ATmega324V (ISP-SPI)             | (138)        |
| Microchip | ATmega324V [MLF44]               | (231)        |
| Microchip | ATmega324V [TQFP44]              | (94)         |
| Microchip | ATmega325 (ISP-JTAG)             | (138)        |
| Microchip | ATmega325 (ISP-SPI)              | (138)        |
| Microchip | ATmega325 [MLF64]                | (559)        |
| Microchip | ATmega325 [TQFP64]               | (103)        |
| Microchip | ATmega3250 (ISP-JTAG)            | (138)        |
| Microchip | ATmega3250 (ISP-SPI)             | (138)        |
| Microchip | ATmega3250 [TQFP100]             | (560)        |
| Microchip | ATmega3250A (ISP-JTAG)           | (138)        |
| Microchip | ATmega3250A (ISP-SPI)            | (138)        |
| Microchip | ATmega3250A [TQFP100]            | (560)        |
| Microchip | ATmega3250P (ISP-JTAG)           | (138)        |
| Microchip | ATmega3250P (ISP-SPI)            | (138)        |
| Microchip | ATmega3250P [TQFP100]            | (560)        |
| Microchip | ATmega3250PA (ISP-JTAG)          | (138)        |
| Microchip | ATmega3250PA (ISP-SPI)           | (138)        |
| Microchip | ATmega3250PA [TQFP100]           | (560)        |
| Microchip | ATmega3250PV (ISP-JTAG)          | (138)        |
| Microchip | ATmega3250PV (ISP-SPI)           | (138)        |
| Microchip | ATmega3250PV [TQFP100]           | (560)        |
| Microchip | ATmega3250V (ISP-JTAG)           | (138)        |
| Microchip | ATmega3250V (ISP-SPI)            | (138)        |
| Microchip | ATmega3250V [TQFP100]            | (560)        |
| Microchip | ATmega325A (ISP-JTAG)            | (138)        |

|           |              |                       |              |
|-----------|--------------|-----------------------|--------------|
| Microchip | ATmega325A   | (ISP-SPI)             | (138)        |
| Microchip | ATmega325A   | [MLF64]               | (559)        |
| Microchip | ATmega325A   | [TQFP64]              | (103)        |
| Microchip | ATmega325P   | (ISP-JTAG)            | (138)        |
| Microchip | ATmega325P   | (ISP-SPI)             | (138)        |
| Microchip | ATmega325P   | [MLF64]               | (559)        |
| Microchip | ATmega325P   | [TQFP64]              | (103)        |
| Microchip | ATmega325PA  | (ISP-JTAG)            | (138)        |
| Microchip | ATmega325PA  | (ISP-SPI)             | (138)        |
| Microchip | ATmega325PA  | [MLF64]               | (559)        |
| Microchip | ATmega325PA  | [TQFP64]              | (103)        |
| Microchip | ATmega325PV  | (ISP-JTAG)            | (138)        |
| Microchip | ATmega325PV  | (ISP-SPI)             | (138)        |
| Microchip | ATmega325PV  | [MLF64]               | (559)        |
| Microchip | ATmega325PV  | [TQFP64]              | (103)        |
| Microchip | ATmega325V   | (ISP-JTAG)            | (138)        |
| Microchip | ATmega325V   | (ISP-SPI)             | (138)        |
| Microchip | ATmega325V   | [MLF64]               | (559)        |
| Microchip | ATmega325V   | [TQFP64]              | (103)        |
| Microchip | ATmega328    |                       |              |
| Microchip | ATmega328    | (ISP-SPI)             | (138)        |
| Microchip | ATmega328    | [MLF28]               | (1005)       |
| Microchip | ATmega328    | [MLF32]               | (221)        |
| Microchip | ATmega328    | [MLF32](NC pins 3,6)  | (221)        |
| Microchip | ATmega328    | [TQFP32]              | (159)        |
| Microchip | ATmega328    | [TQFP32](NC pins 3,6) | (159)        |
| Microchip | ATmega328P   |                       |              |
| Microchip | ATmega328P   | (ISP-SPI)             | (138)        |
| Microchip | ATmega328P   | [MLF28]               | (1005)       |
| Microchip | ATmega328P   | [MLF32]               | (221)        |
| Microchip | ATmega328P   | [MLF32](NC pins 3,6)  | (221)        |
| Microchip | ATmega328P   | [TQFP32]              | (159)        |
| Microchip | ATmega328P   | [TQFP32](NC pins 3,6) | (159)        |
| Microchip | ATmega328PB  | (ISP-SPI)             | (138)        |
| Microchip | ATmega328PB  | [MLF32]               | (221)        |
| Microchip | ATmega328PB  | [MLF32](OSCCAL@5V)    | (5023)       |
| Microchip | ATmega328PB  | [TQFP32]              | (159)        |
| Microchip | ATmega328PV  |                       |              |
| Microchip | ATmega328PV  | (ISP-SPI)             | (138)        |
| Microchip | ATmega328PV  | [MLF28]               | (1005)       |
| Microchip | ATmega328PV  | [MLF32]               | (221)        |
| Microchip | ATmega328PV  | [MLF32](NC pins 3,6)  | (221)        |
| Microchip | ATmega328PV  | [TQFP32]              | (159)        |
| Microchip | ATmega328PV  | [TQFP32](NC pins 3,6) | (159)        |
| Microchip | ATmega328V   |                       |              |
| Microchip | ATmega328V   | (ISP-SPI)             | (138)        |
| Microchip | ATmega328V   | [MLF28]               | (1005)       |
| Microchip | ATmega328V   | [MLF32]               | (221)        |
| Microchip | ATmega328V   | [MLF32](NC pins 3,6)  | (221)        |
| Microchip | ATmega328V   | [TQFP32]              | (159)        |
| Microchip | ATmega328V   | [TQFP32](NC pins 3,6) | (159)        |
| Microchip | ATmega329    | (ISP-JTAG)            | (138)        |
| Microchip | ATmega329    | (ISP-SPI)             | (138)        |
| Microchip | ATmega329    | [MLF64]               | (559)        |
| Microchip | ATmega329    | [TQFP64]              | (103)        |
| Microchip | ATmega3290   | (ISP-JTAG)            | (138)        |
| Microchip | ATmega3290   | (ISP-SPI)             | (138)        |
| Microchip | ATmega3290   | [TQFP100]             | (560)        |
| Microchip | ATmega3290P  | (ISP-JTAG)            | (138)        |
| Microchip | ATmega3290P  | (ISP-SPI)             | (138)        |
| Microchip | ATmega3290P  | [TQFP100]             | (560)        |
| Microchip | ATmega3290PA | (ISP-JTAG)            | (138)        |
| Microchip | ATmega3290PA | (ISP-SPI)             | (138)        |
| Microchip | ATmega3290PA | [TQFP100]             | (560)        |
| Microchip | ATmega3290PV | (ISP-JTAG)            | (138)        |
| Microchip | ATmega3290PV | (ISP-SPI)             | (138)        |
| Microchip | ATmega3290PV | [TQFP100]             | (560)        |
| Microchip | ATmega3290V  | (ISP-JTAG)            | (138)        |
| Microchip | ATmega3290V  | (ISP-SPI)             | (138)        |
| Microchip | ATmega3290V  | [TQFP100]             | (560)        |
| Microchip | ATmega329A   | (ISP-JTAG)            | (138)        |
| Microchip | ATmega329A   | (ISP-SPI)             | (138)        |
| Microchip | ATmega329A   | [MLF64]               | (559)        |
| Microchip | ATmega329A   | [TQFP64]              | (103)        |
| Microchip | ATmega329P   | (ISP-JTAG)            | (138)        |
| Microchip | ATmega329P   | (ISP-SPI)             | (138)        |
| Microchip | ATmega329P   | [MLF64]               | (559)        |
| Microchip | ATmega329P   | [TQFP64]              | (103)        |
| Microchip | ATmega329PA  | (ISP-JTAG)            | (138)        |
| Microchip | ATmega329PA  | (ISP-SPI)             | (138)        |
| Microchip | ATmega329PA  | [MLF64]               | (559)        |
| Microchip | ATmega329PA  | [TQFP64]              | (103)        |
| Microchip | ATmega329PV  | (ISP-JTAG)            | (138)        |
| Microchip | ATmega329PV  | (ISP-SPI)             | (138)        |
| Microchip | ATmega329PV  | [MLF64]               | (559)        |
| Microchip | ATmega329PV  | [TQFP64]              | (103)        |
| Microchip | ATmega329V   | (ISP-JTAG)            | (138)        |
| Microchip | ATmega329V   | (ISP-SPI)             | (138)        |
| Microchip | ATmega329V   | [MLF64]               | (559)        |
| Microchip | ATmega329V   | [TQFP64]              | (103)        |
| Microchip | ATmega32A    |                       |              |
| Microchip | ATmega32A    | (ISP-JTAG)            | (138)        |
| Microchip | ATmega32A    | (ISP-SPI)             | (138)        |
| Microchip | ATmega32A    | [MLF44]               | (231)        |
| Microchip | ATmega32A    | [TQFP44]              | (94)         |
| Microchip | ATmega32C1   | (ISP-SPI)             | (138)        |
| Microchip | ATmega32C1   | (ISP-SPI) (Enhanced)  | (138)        |
| Microchip | ATmega32C1   | [QFN32]               | (1080)       |
| Microchip | ATmega32C1   | [TQFP32]              | (159)        |
| Microchip | ATmega32L    |                       |              |
| Microchip | ATmega32L    | (ISP-JTAG)            | (138)        |
| Microchip | ATmega32L    | (ISP-SPI)             | (138)        |
| Microchip | ATmega32L    | [MLF44]               | (231)        |
| Microchip | ATmega32L    | [TQFP44]              | (94)         |
| Microchip | ATmega32M1   | (ISP-SPI)             | (138)        |
| Microchip | ATmega32M1   | (ISP-SPI) (Enhanced)  | (138) (9997) |
| Microchip | ATmega32M1   | [QFN32]               | (1080)       |
| Microchip | ATmega32M1   | [TQFP32]              | (159)        |
| Microchip | ATmega32U2   | (ISP-SPI)             | (138)        |
| Microchip | ATmega32U2   | [QFN32]               | (221)        |
| Microchip | ATmega32U2   | [TQFP32]              | (159)        |
| Microchip | ATmega32U4   | (ISP-JTAG)            | (138)        |
| Microchip | ATmega32U4   | (ISP-SPI)             | (138)        |
| Microchip | ATmega32U4   | [QFN44]               | (231)        |
| Microchip | ATmega32U4   | [TQFP44]              | (94)         |
| Microchip | ATmega32U4RC | (ISP-JTAG)            | (138)        |
| Microchip | ATmega32U4RC | (ISP-SPI)             | (138)        |
| Microchip | ATmega32U4RC | [QFN44]               | (231)        |
| Microchip | ATmega32U4RC | [TQFP44]              | (94)         |
| Microchip | ATmega406    | (ISP-JTAG)            | (138)        |
| Microchip | ATmega406    | [LQFP48]              | (174)        |
| Microchip | ATmega48     |                       |              |
| Microchip | ATmega48     | (ISP-SPI)             | (138)        |
| Microchip | ATmega48     | [MLF28]               | (1005)       |
| Microchip | ATmega48     | [MLF32]               | (221)        |

|           |                                   |              |
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| Microchip | ATmega48 [MLF32] (NC pins 3,6)    | (221)        |
| Microchip | ATmega48 [TQFP32]                 | (159)        |
| Microchip | ATmega48 [TQFP32] (NC pins 3,6)   | (159)        |
| Microchip | ATmega4808 (ISP-UPDI)             | (138) (9997) |
| Microchip | ATmega4808 [QFN32]                | (4740)       |
| Microchip | ATmega4808 [QFP32]                | (4739)       |
| Microchip | ATmega4808 [SSOP28]               | (4741)       |
| Microchip | ATmega4809 (ISP-UPDI)             | (138) (9997) |
| Microchip | ATmega4809 [QFN48]                | (5043)       |
| Microchip | ATmega4809 [QFP48]                | (4738)       |
| Microchip | ATmega48A                         |              |
| Microchip | ATmega48A (ISP-SPI)               | (138)        |
| Microchip | ATmega48A [MLF28]                 | (1005)       |
| Microchip | ATmega48A [MLF32]                 | (221)        |
| Microchip | ATmega48A [MLF32] (NC pins 3,6)   | (221)        |
| Microchip | ATmega48A [TQFP32]                | (159)        |
| Microchip | ATmega48A [TQFP32] (NC pins 3,6)  | (159)        |
| Microchip | ATmega48A [UFPGA32]               | (2141)       |
| Microchip | ATmega48P                         |              |
| Microchip | ATmega48P (ISP-SPI)               | (138)        |
| Microchip | ATmega48P [MLF28]                 | (1005)       |
| Microchip | ATmega48P [MLF32]                 | (221)        |
| Microchip | ATmega48P [MLF32] (NC pins 3,6)   | (221)        |
| Microchip | ATmega48P [TQFP32]                | (159)        |
| Microchip | ATmega48P [TQFP32] (NC pins 3,6)  | (159)        |
| Microchip | ATmega48PA                        |              |
| Microchip | ATmega48PA (ISP-SPI)              | (138)        |
| Microchip | ATmega48PA [MLF28]                | (1005)       |
| Microchip | ATmega48PA [MLF32]                | (221)        |
| Microchip | ATmega48PA [MLF32] (NC pins 3,6)  | (221)        |
| Microchip | ATmega48PA [TQFP32]               | (159)        |
| Microchip | ATmega48PA [TQFP32] (NC pins 3,6) | (159)        |
| Microchip | ATmega48PA [UFPGA32]              | (2141)       |
| Microchip | ATmega48PB (ISP-SPI)              | (138)        |
| Microchip | ATmega48PB [MLF32]                | (221)        |
| Microchip | ATmega48PB [TQFP32]               | (159)        |
| Microchip | ATmega48PV                        |              |
| Microchip | ATmega48PV (ISP-SPI)              | (138)        |
| Microchip | ATmega48PV [MLF28]                | (1005)       |
| Microchip | ATmega48PV [MLF32]                | (221)        |
| Microchip | ATmega48PV [MLF32] (NC pins 3,6)  | (221)        |
| Microchip | ATmega48PV [TQFP32]               | (159)        |
| Microchip | ATmega48PV [TQFP32] (NC pins 3,6) | (159)        |
| Microchip | ATmega48V                         |              |
| Microchip | ATmega48V (ISP-SPI)               | (138)        |
| Microchip | ATmega48V [MLF28]                 | (1005)       |
| Microchip | ATmega48V [MLF32]                 | (221)        |
| Microchip | ATmega48V [MLF32] (NC pins 3,6)   | (221)        |
| Microchip | ATmega48V [TQFP32]                | (159)        |
| Microchip | ATmega48V [TQFP32] (NC pins 3,6)  | (159)        |
| Microchip | ATmega64 (ISP-JTAG)               | (138)        |
| Microchip | ATmega64 (ISP-SPI)                | (138)        |
| Microchip | ATmega64 (ISP-SPI) (Enhanced)     | (138) (9997) |
| Microchip | ATmega64 [MLF64]                  | (559)        |
| Microchip | ATmega64 [TQFP64]                 | (103)        |
| Microchip | ATmega640 (ISP-JTAG)              | (138)        |
| Microchip | ATmega640 (ISP-SPI)               | (138)        |
| Microchip | ATmega640 (ISP-SPI) (Enhanced)    | (138) (9997) |
| Microchip | ATmega640 [CBGA100]               | (1031)       |
| Microchip | ATmega640 [TQFP100]               | (560)        |
| Microchip | ATmega640V (ISP-JTAG)             | (138)        |
| Microchip | ATmega640V (ISP-SPI)              | (138)        |
| Microchip | ATmega640V (ISP-SPI) (Enhanced)   | (138) (9997) |
| Microchip | ATmega640V [CBGA100]              | (1031)       |
| Microchip | ATmega640V [TQFP100]              | (560)        |
| Microchip | ATmega644                         |              |
| Microchip | ATmega644 (ISP-JTAG)              | (138)        |
| Microchip | ATmega644 (ISP-SPI)               | (138)        |
| Microchip | ATmega644 (ISP-SPI) (Enhanced)    | (138) (9997) |
| Microchip | ATmega644 (ISP-SPI) (OSCCAL)      | (138) (9997) |
| Microchip | ATmega644 [MLF44]                 | (231)        |
| Microchip | ATmega644 [TQFP44]                | (94)         |
| Microchip | ATmega644A                        |              |
| Microchip | ATmega644A (ISP-JTAG)             | (138)        |
| Microchip | ATmega644A (ISP-SPI)              | (138)        |
| Microchip | ATmega644A (ISP-SPI) (Enhanced)   | (138) (9997) |
| Microchip | ATmega644A [MLF44]                | (231)        |
| Microchip | ATmega644A [TQFP44]               | (94)         |
| Microchip | ATmega644P                        |              |
| Microchip | ATmega644P (ISP-JTAG)             | (138)        |
| Microchip | ATmega644P (ISP-SPI)              | (138)        |
| Microchip | ATmega644P (ISP-SPI) (Enhanced)   | (138) (9997) |
| Microchip | ATmega644P [MLF44]                | (231)        |
| Microchip | ATmega644P [TQFP44]               | (94)         |
| Microchip | ATmega644PA                       |              |
| Microchip | ATmega644PA (ISP-JTAG)            | (138)        |
| Microchip | ATmega644PA (ISP-SPI)             | (138)        |
| Microchip | ATmega644PA (ISP-SPI) (Enhanced)  | (138) (9997) |
| Microchip | ATmega644PA (ISP-SPI) (SEM-1)     | (138) (9999) |
| Microchip | ATmega644PA [MLF44]               | (231)        |
| Microchip | ATmega644PA [MLF44] (SEM-1)       | (231) (9999) |
| Microchip | ATmega644PA [TQFP44]              | (94)         |
| Microchip | ATmega644P-B (ISP-JTAG)           | (138)        |
| Microchip | ATmega644P-B (ISP-SPI)            | (138)        |
| Microchip | ATmega644P-B (ISP-SPI) (Enhanced) | (138) (9997) |
| Microchip | ATmega644P-B [MLF44]              | (231)        |
| Microchip | ATmega644P-B [TQFP44]             | (94)         |
| Microchip | ATmega644PV                       |              |
| Microchip | ATmega644PV (ISP-JTAG)            | (138)        |
| Microchip | ATmega644PV (ISP-SPI)             | (138)        |
| Microchip | ATmega644PV (ISP-SPI) (Enhanced)  | (138) (9997) |
| Microchip | ATmega644PV (ISP-SPI) (OSCCAL)    | (138)        |
| Microchip | ATmega644PV [MLF44]               | (231)        |
| Microchip | ATmega644PV [TQFP44]              | (94)         |
| Microchip | ATmega644RFR2 (ISP-JTAG)          | (138)        |
| Microchip | ATmega644RFR2 (ISP-SPI)           | (138)        |
| Microchip | ATmega644RFR2 [VQFN48]            | (567)        |
| Microchip | ATmega644V                        |              |
| Microchip | ATmega644V (ISP-JTAG)             | (138)        |
| Microchip | ATmega644V (ISP-SPI)              | (138)        |
| Microchip | ATmega644V (ISP-SPI) (Enhanced)   | (138) (9997) |
| Microchip | ATmega644V [MLF44]                | (231)        |
| Microchip | ATmega644V [TQFP44]               | (94)         |
| Microchip | ATmega645 (ISP-JTAG)              | (138)        |
| Microchip | ATmega645 (ISP-SPI)               | (138)        |
| Microchip | ATmega645 [MLF64]                 | (559)        |
| Microchip | ATmega645 [TQFP64]                | (103)        |
| Microchip | ATmega6450 (ISP-JTAG)             | (138)        |
| Microchip | ATmega6450 (ISP-SPI)              | (138)        |
| Microchip | ATmega6450 [TQFP100]              | (560)        |
| Microchip | ATmega6450A (ISP-JTAG)            | (138)        |
| Microchip | ATmega6450A (ISP-SPI)             | (138)        |
| Microchip | ATmega6450A [TQFP100]             | (560)        |
| Microchip | ATmega6450P (ISP-JTAG)            | (138)        |
| Microchip | ATmega6450P (ISP-SPI)             | (138)        |
| Microchip | ATmega6450P [TQFP100]             | (560)        |
| Microchip | ATmega6450V (ISP-JTAG)            | (138)        |
| Microchip | ATmega6450V (ISP-SPI)             | (138)        |

|           |                                   |              |
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| Microchip | ATmega6450V [TQFP100]             | (560)        |
| Microchip | ATmega645A (ISP-JTAG)             | (138)        |
| Microchip | ATmega645A (ISP-SPI)              | (138)        |
| Microchip | ATmega645A [MLF64]                | (559)        |
| Microchip | ATmega645A [TQFP64]               | (103)        |
| Microchip | ATmega645P (ISP-JTAG)             | (138)        |
| Microchip | ATmega645P (ISP-SPI)              | (138)        |
| Microchip | ATmega645P [MLF64]                | (559)        |
| Microchip | ATmega645P [TQFP64]               | (103)        |
| Microchip | ATmega645V (ISP-JTAG)             | (138)        |
| Microchip | ATmega645V (ISP-SPI)              | (138)        |
| Microchip | ATmega645V [MLF64]                | (559)        |
| Microchip | ATmega645V [TQFP64]               | (103)        |
| Microchip | ATmega649 (ISP-JTAG)              | (138)        |
| Microchip | ATmega649 (ISP-SPI)               | (138)        |
| Microchip | ATmega649 [MLF64]                 | (559)        |
| Microchip | ATmega649 [TQFP64]                | (103)        |
| Microchip | ATmega6490 (ISP-JTAG)             | (138)        |
| Microchip | ATmega6490 (ISP-SPI)              | (138)        |
| Microchip | ATmega6490 [TQFP100]              | (560)        |
| Microchip | ATmega6490P (ISP-JTAG)            | (138)        |
| Microchip | ATmega6490P (ISP-SPI)             | (138)        |
| Microchip | ATmega6490P [TQFP100]             | (560)        |
| Microchip | ATmega6490V (ISP-JTAG)            | (138)        |
| Microchip | ATmega6490V (ISP-SPI)             | (138)        |
| Microchip | ATmega6490V [TQFP100]             | (560)        |
| Microchip | ATmega649A (ISP-JTAG)             | (138)        |
| Microchip | ATmega649A (ISP-SPI)              | (138)        |
| Microchip | ATmega649A [MLF64]                | (559)        |
| Microchip | ATmega649A [TQFP64]               | (103)        |
| Microchip | ATmega649P (ISP-JTAG)             | (138)        |
| Microchip | ATmega649P (ISP-SPI)              | (138)        |
| Microchip | ATmega649P [MLF64]                | (559)        |
| Microchip | ATmega649P [TQFP64]               | (103)        |
| Microchip | ATmega649V (ISP-JTAG)             | (138)        |
| Microchip | ATmega649V (ISP-SPI)              | (138)        |
| Microchip | ATmega649V [MLF64]                | (559)        |
| Microchip | ATmega649V [TQFP64]               | (103)        |
| Microchip | ATmega64A (ISP-JTAG)              | (138)        |
| Microchip | ATmega64A (ISP-SPI)               | (138)        |
| Microchip | ATmega64A (ISP-SPI) (Enhanced)    | (138) (9997) |
| Microchip | ATmega64A [MLF64]                 | (559)        |
| Microchip | ATmega64A [TQFP64]                | (103)        |
| Microchip | ATmega64C1 (ISP-SPI)              | (138)        |
| Microchip | ATmega64C1 (ISP-SPI) (Enhanced)   | (138)        |
| Microchip | ATmega64C1 [QFN32]                | (1080)       |
| Microchip | ATmega64C1 [TQFP32]               | (159)        |
| Microchip | ATmega64L (ISP-JTAG)              | (138)        |
| Microchip | ATmega64L (ISP-SPI)               | (138)        |
| Microchip | ATmega64L (ISP-SPI) (Enhanced)    | (138) (9997) |
| Microchip | ATmega64L [MLF64]                 | (559)        |
| Microchip | ATmega64L [TQFP64]                | (103)        |
| Microchip | ATmega64M1 (ISP-SPI)              | (138)        |
| Microchip | ATmega64M1 (ISP-SPI) (Enhanced)   | (138) (9997) |
| Microchip | ATmega64M1 [QFN32]                | (1080)       |
| Microchip | ATmega64M1 [TQFP32]               | (159)        |
| Microchip | ATmega64RFR2 (ISP-JTAG)           | (138)        |
| Microchip | ATmega64RFR2 (ISP-SPI)            | (138)        |
| Microchip | ATmega64RFR2 [QFN64]              | (2385)       |
| Microchip | ATmega8                           |              |
| Microchip | ATmega8 (ISP-SPI)                 | (138)        |
| Microchip | ATmega8 [MLF32]                   | (221)        |
| Microchip | ATmega8 [TQFP32]                  | (159)        |
| Microchip | ATmega808 [QFN32]                 | (4740)       |
| Microchip | ATmega808 [QFP32]                 | (4739)       |
| Microchip | ATmega808 [SSOP28]                | (4741)       |
| Microchip | ATmega809 [QFN48]                 | (5043)       |
| Microchip | ATmega809 [QFP48]                 | (4738)       |
| Microchip | ATmega8515                        |              |
| Microchip | ATmega8515 (ISP-SPI)              | (138)        |
| Microchip | ATmega8515 [MLF44]                | (231)        |
| Microchip | ATmega8515 [PLCC44]               | (67)         |
| Microchip | ATmega8515 [TQFP44]               | (94)         |
| Microchip | ATmega8515L                       |              |
| Microchip | ATmega8515L (ISP-SPI)             | (138)        |
| Microchip | ATmega8515L [MLF44]               | (231)        |
| Microchip | ATmega8515L [PLCC44]              | (67)         |
| Microchip | ATmega8515L [TQFP44]              | (94)         |
| Microchip | ATmega8535                        |              |
| Microchip | ATmega8535 (ISP-SPI)              | (138)        |
| Microchip | ATmega8535 [MLF44]                | (231)        |
| Microchip | ATmega8535 [PLCC44]               | (67)         |
| Microchip | ATmega8535 [TQFP44]               | (94)         |
| Microchip | ATmega8535L                       |              |
| Microchip | ATmega8535L (ISP-SPI)             | (138)        |
| Microchip | ATmega8535L [MLF44]               | (231)        |
| Microchip | ATmega8535L [PLCC44]              | (67)         |
| Microchip | ATmega8535L [TQFP44]              | (94)         |
| Microchip | ATmega88                          |              |
| Microchip | ATmega88 (ISP-SPI)                | (138)        |
| Microchip | ATmega88 [MLF32]                  | (221)        |
| Microchip | ATmega88 [MLF32] (NC pins 3,6)    | (221)        |
| Microchip | ATmega88 [TQFP32]                 | (159)        |
| Microchip | ATmega88 [TQFP32] (NC pins 3,6)   | (159)        |
| Microchip | ATmega88A                         |              |
| Microchip | ATmega88A (ISP-SPI)               | (138)        |
| Microchip | ATmega88A [MLF28]                 | (1005)       |
| Microchip | ATmega88A [MLF32]                 | (221)        |
| Microchip | ATmega88A [MLF32] (NC pins 3,6)   | (221)        |
| Microchip | ATmega88A [TQFP32]                | (159)        |
| Microchip | ATmega88A [TQFP32] (NC pins 3,6)  | (159)        |
| Microchip | ATmega88A [UFPGA32]               | (2141)       |
| Microchip | ATmega88P                         |              |
| Microchip | ATmega88P (ISP-SPI)               | (138)        |
| Microchip | ATmega88P [MLF32]                 | (221)        |
| Microchip | ATmega88P [MLF32] (NC pins 3,6)   | (221)        |
| Microchip | ATmega88P [TQFP32]                | (159)        |
| Microchip | ATmega88P [TQFP32] (NC pins 3,6)  | (159)        |
| Microchip | ATmega88PA                        |              |
| Microchip | ATmega88PA (ISP-SPI)              | (138)        |
| Microchip | ATmega88PA [MLF28]                | (1005)       |
| Microchip | ATmega88PA [MLF32]                | (221)        |
| Microchip | ATmega88PA [MLF32] (NC pins 3,6)  | (221)        |
| Microchip | ATmega88PA [TQFP32]               | (159)        |
| Microchip | ATmega88PA [TQFP32] (NC pins 3,6) | (159)        |
| Microchip | ATmega88PA [UFPGA32]              | (2141)       |
| Microchip | ATmega88PB (ISP-SPI)              | (138)        |
| Microchip | ATmega88PB [MLF32]                | (221)        |
| Microchip | ATmega88PB [TQFP32]               | (159)        |
| Microchip | ATmega88PV                        |              |
| Microchip | ATmega88PV (ISP-SPI)              | (138)        |
| Microchip | ATmega88PV [MLF32]                | (221)        |
| Microchip | ATmega88PV [MLF32] (NC pins 3,6)  | (221)        |
| Microchip | ATmega88PV [TQFP32]               | (159)        |
| Microchip | ATmega88PV [TQFP32] (NC pins 3,6) | (159)        |

|           |             |                       |              |
|-----------|-------------|-----------------------|--------------|
| Microchip | ATmega88V   |                       |              |
| Microchip | ATmega88V   | (ISP-SPI)             | (138)        |
| Microchip | ATmega88V   | [MLF32]               | (221)        |
| Microchip | ATmega88V   | [MLF32](NC pins 3,6)  | (221)        |
| Microchip | ATmega88V   | [TQFP32]              | (159)        |
| Microchip | ATmega88V   | [TQFP32](NC pins 3,6) | (159)        |
| Microchip | ATmega8A    |                       |              |
| Microchip | ATmega8A    | (ISP-SPI)             | (138)        |
| Microchip | ATmega8A    | [MLF32]               | (221)        |
| Microchip | ATmega8A    | [TQFP32]              | (159)        |
| Microchip | ATmega8L    |                       |              |
| Microchip | ATmega8L    | (ISP-SPI)             | (138)        |
| Microchip | ATmega8L    | [MLF32]               | (221)        |
| Microchip | ATmega8L    | [TQFP32]              | (159)        |
| Microchip | ATmega8U2   | (ISP-SPI)             | (138)        |
| Microchip | ATmega8U2   | [QFN32]               | (221)        |
| Microchip | ATmega8U2   | [TQFP32]              | (159)        |
| Microchip | ATSAM3A4CA  | [LQFP100]             | (2950)       |
| Microchip | ATSAM3A8CA  | [LQFP100]             | (2950)       |
| Microchip | ATSAM3N00AA | [LQFP48]              | (1475)       |
| Microchip | ATSAM3N00AA | [QFN48]               | (1476)       |
| Microchip | ATSAM3N00BA | [LQFP64]              | (1473)       |
| Microchip | ATSAM3N00BA | [QFN64]               | (1474)       |
| Microchip | ATSAM3N0AA  | [LQFP48]              | (1475)       |
| Microchip | ATSAM3N0AA  | [QFN48]               | (1476)       |
| Microchip | ATSAM3N0BA  | [LQFP64]              | (1473)       |
| Microchip | ATSAM3N0BA  | [QFN64]               | (1474)       |
| Microchip | ATSAM3N0CA  | [LQFP100]             | (1472)       |
| Microchip | ATSAM3N1AA  | [LQFP48]              | (1475)       |
| Microchip | ATSAM3N1AA  | [QFN48]               | (1476)       |
| Microchip | ATSAM3N1AB  | [LQFP48]              | (1475)       |
| Microchip | ATSAM3N1AB  | [QFN48]               | (1476)       |
| Microchip | ATSAM3N1BA  | [LQFP64]              | (1473)       |
| Microchip | ATSAM3N1BA  | [QFN64]               | (1474)       |
| Microchip | ATSAM3N1BB  | [LQFP64]              | (1473)       |
| Microchip | ATSAM3N1BB  | [QFN64]               | (1474)       |
| Microchip | ATSAM3N1CA  | [LQFP100]             | (1472)       |
| Microchip | ATSAM3N1CB  | [LQFP100]             | (1472)       |
| Microchip | ATSAM3N2AA  | [LQFP48]              | (1475)       |
| Microchip | ATSAM3N2AA  | [QFN48]               | (1476)       |
| Microchip | ATSAM3N2BA  | [LQFP64]              | (1473)       |
| Microchip | ATSAM3N2BA  | [QFN64]               | (1474)       |
| Microchip | ATSAM3N2CA  | [LQFP100]             | (1472)       |
| Microchip | ATSAM3N4AA  | [LQFP48]              | (1475)       |
| Microchip | ATSAM3N4AA  | [QFN48]               | (1476)       |
| Microchip | ATSAM3N4BA  | [LQFP64]              | (1473)       |
| Microchip | ATSAM3N4BA  | [QFN64]               | (1474)       |
| Microchip | ATSAM3N4CA  | [LQFP100]             | (1472)       |
| Microchip | ATSAM3S1AA  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S1AA  | [LQFP48]              | (1475)       |
| Microchip | ATSAM3S1AA  | [QFN48]               | (1476)       |
| Microchip | ATSAM3S1AB  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S1AB  | [LQFP48]              | (1475)       |
| Microchip | ATSAM3S1AB  | [QFN48]               | (1476)       |
| Microchip | ATSAM3S1BA  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S1BA  | [LQFP64]              | (1473)       |
| Microchip | ATSAM3S1BA  | [QFN64]               | (1474)       |
| Microchip | ATSAM3S1BB  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S1BB  | [LQFP64]              | (1473)       |
| Microchip | ATSAM3S1BB  | [QFN64]               | (1474)       |
| Microchip | ATSAM3S1CA  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S1CA  | [LQFP100]             | (1472)       |
| Microchip | ATSAM3S1CB  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S1CB  | [LQFP100]             | (1472)       |
| Microchip | ATSAM3S2AA  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S2AA  | [LQFP48]              | (1475)       |
| Microchip | ATSAM3S2AA  | [QFN48]               | (1476)       |
| Microchip | ATSAM3S2BA  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S2BA  | [LQFP64]              | (1473)       |
| Microchip | ATSAM3S2BA  | [QFN64]               | (1474)       |
| Microchip | ATSAM3S2CA  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S2CA  | [LQFP100]             | (1472)       |
| Microchip | ATSAM3S4AA  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S4AA  | [LQFP48]              | (1475)       |
| Microchip | ATSAM3S4AA  | [QFN48]               | (1476)       |
| Microchip | ATSAM3S4BA  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S4BA  | [LQFP64]              | (1473)       |
| Microchip | ATSAM3S4BA  | [QFN64]               | (1474)       |
| Microchip | ATSAM3S4CA  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S4CA  | [LQFP100]             | (1472)       |
| Microchip | ATSAM3S8BA  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S8BA  | [LQFP64]              | (1473)       |
| Microchip | ATSAM3S8BA  | [QFN64]               | (1474)       |
| Microchip | ATSAM3S8CA  | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3S8CA  | [LQFP100]             | (1472)       |
| Microchip | ATSAM3SD8BA | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3SD8BA | [LQFP64]              | (1473)       |
| Microchip | ATSAM3SD8BA | [QFN64]               | (1474)       |
| Microchip | ATSAM3SD8CA | (ISP)                 | (138) (9997) |
| Microchip | ATSAM3SD8CA | [LQFP100]             | (1472)       |
| Microchip | ATSAM3U1CA  | [LQFP100]             | (1429)       |
| Microchip | ATSAM3U1CA  | [TFBGA100]            | (2976)       |
| Microchip | ATSAM3U1CB  | [LQFP100]             | (1429)       |
| Microchip | ATSAM3U1CB  | [TFBGA100]            | (2976)       |
| Microchip | ATSAM3U1EA  | [LQFP144]             | (1428)       |
| Microchip | ATSAM3U1EB  | [LQFP144]             | (1428)       |
| Microchip | ATSAM3U2CA  | [LQFP100]             | (1429)       |
| Microchip | ATSAM3U2CA  | [TFBGA100]            | (2976)       |
| Microchip | ATSAM3U2EA  | [LQFP144]             | (1428)       |
| Microchip | ATSAM3U4CA  | [LQFP100]             | (1429)       |
| Microchip | ATSAM3U4CA  | [TFBGA100]            | (2976)       |
| Microchip | ATSAM3U4EA  | [LQFP144]             | (1428)       |
| Microchip | ATSAM3X4CA  | [LQFP100]             | (2950)       |
| Microchip | ATSAM3X4EA  | [LFBGA144]            | (3031)       |
| Microchip | ATSAM3X4EA  | [LQFP144]             | (2986)       |
| Microchip | ATSAM3X8EA  | [LFBGA144]            | (3031)       |
| Microchip | ATSAM3X8EA  | [LQFP144]             | (2986)       |
| Microchip | ATSAM4E16C  | [LQFP100]             | (3340)       |
| Microchip | ATSAM4E16E  | [LQFP144]             | (3341)       |
| Microchip | ATSAM4E8C   | [LQFP100]             | (3340)       |
| Microchip | ATSAM4E8E   | [LQFP144]             | (3341)       |
| Microchip | ATSAM4LC2AA | [QFN48]               | (3401)       |
| Microchip | ATSAM4LC2CA | (ISP)                 | (138) (9997) |
| Microchip | ATSAM4LC2CA | [TQFP100]             | (3397)       |
| Microchip | ATSAM4LC2CA | [WLCSP64]             | (3766)       |
| Microchip | ATSAM4LC4AA | [QFN48]               | (3401)       |
| Microchip | ATSAM4LC4CA | (ISP)                 | (138) (9997) |
| Microchip | ATSAM4LC4CA | [TQFP100]             | (3397)       |
| Microchip | ATSAM4LC4CA | [WLCSP64]             | (3766)       |
| Microchip | ATSAM4LC8AA | [QFN48]               | (3401)       |
| Microchip | ATSAM4LC8CA | (ISP)                 | (138) (9997) |
| Microchip | ATSAM4LC8CA | [TQFP100]             | (3397)       |
| Microchip | ATSAM4LC8CA | [WLCSP64]             | (3766)       |
| Microchip | ATSAM4LS2AA | [QFN48]               | (3401)       |
| Microchip | ATSAM4LS2CA | (ISP)                 | (138) (9997) |
| Microchip | ATSAM4LS2CA | [TQFP100]             | (3397)       |
| Microchip | ATSAM4LS4AA | [QFN48]               | (3401)       |
| Microchip | ATSAM4LS4CA | (ISP)                 | (138) (9997) |



|           |              |            |              |
|-----------|--------------|------------|--------------|
| Microchip | ATSAM4LS4CA  | [TQFP100]  | (3397)       |
| Microchip | ATSAM4LS8AA  | [QFN48]    | (3401)       |
| Microchip | ATSAM4LS8CA  | (ISP)      | (138) (9997) |
| Microchip | ATSAM4LS8CA  | [TQFP100]  | (3397)       |
| Microchip | ATSAM4N16BA  | [LQFP64]   | (2998)       |
| Microchip | ATSAM4N16BA  | [QFN64]    | (3011)       |
| Microchip | ATSAM4N16CA  | [LQFP100]  | (2985)       |
| Microchip | ATSAM4N8AA   | [LQFP48]   | (4057)       |
| Microchip | ATSAM4N8BA   | [LQFP64]   | (2998)       |
| Microchip | ATSAM4N8BA   | [QFN64]    | (3011)       |
| Microchip | ATSAM4N8CA   | [LQFP100]  | (2985)       |
| Microchip | ATSAM4S16BA  | (ISP)      | (138) (9997) |
| Microchip | ATSAM4S16BA  | [LQFP64]   | (2998)       |
| Microchip | ATSAM4S16BA  | [QFN64]    | (3011)       |
| Microchip | ATSAM4S16CA  | (ISP)      | (138) (9997) |
| Microchip | ATSAM4S16CA  | [LQFP100]  | (2985)       |
| Microchip | ATSAM4S16CA  | [TFBGA100] | (3327)       |
| Microchip | ATSAM4S16CA  | [VFBGA100] | (4051)       |
| Microchip | ATSAM4S2AA   | (ISP)      | (138) (9997) |
| Microchip | ATSAM4S2AA   | [LQFP48]   | (4057)       |
| Microchip | ATSAM4S2BA   | (ISP)      | (138) (9997) |
| Microchip | ATSAM4S2BA   | [LQFP64]   | (2998)       |
| Microchip | ATSAM4S2BA   | [QFN64]    | (3011)       |
| Microchip | ATSAM4S2CA   | (ISP)      | (138) (9997) |
| Microchip | ATSAM4S2CA   | [LQFP100]  | (2985)       |
| Microchip | ATSAM4S2CA   | [TFBGA100] | (3327)       |
| Microchip | ATSAM4S2CA   | [VFBGA100] | (4051)       |
| Microchip | ATSAM4S4AA   | (ISP)      | (138) (9997) |
| Microchip | ATSAM4S4AA   | [LQFP48]   | (4057)       |
| Microchip | ATSAM4S4BA   | (ISP)      | (138) (9997) |
| Microchip | ATSAM4S4BA   | [LQFP64]   | (2998)       |
| Microchip | ATSAM4S4BA   | [QFN64]    | (3011)       |
| Microchip | ATSAM4S4CA   | (ISP)      | (138) (9997) |
| Microchip | ATSAM4S4CA   | [LQFP100]  | (2985)       |
| Microchip | ATSAM4S4CA   | [TFBGA100] | (3327)       |
| Microchip | ATSAM4S4CA   | [VFBGA100] | (4051)       |
| Microchip | ATSAM4S8BA   | (ISP)      | (138) (9997) |
| Microchip | ATSAM4S8BA   | [LQFP64]   | (2998)       |
| Microchip | ATSAM4S8BA   | [QFN64]    | (3011)       |
| Microchip | ATSAM4S8CA   | (ISP)      | (138) (9997) |
| Microchip | ATSAM4S8CA   | [LQFP100]  | (2985)       |
| Microchip | ATSAM4S8CA   | [TFBGA100] | (3327)       |
| Microchip | ATSAM4S8CA   | [VFBGA100] | (4051)       |
| Microchip | ATSAM4SA16BA | (ISP)      | (138) (9997) |
| Microchip | ATSAM4SA16BA | [LQFP64]   | (2998)       |
| Microchip | ATSAM4SA16BA | [QFN64]    | (3011)       |
| Microchip | ATSAM4SA16CA | (ISP)      | (138) (9997) |
| Microchip | ATSAM4SA16CA | [LQFP100]  | (2985)       |
| Microchip | ATSAM4SA16CA | [TFBGA100] | (3327)       |
| Microchip | ATSAM4SA16CA | [VFBGA100] | (4051)       |
| Microchip | ATSAM4SD16BA | (ISP)      | (138) (9997) |
| Microchip | ATSAM4SD16BA | [LQFP64]   | (2998)       |
| Microchip | ATSAM4SD16BA | [QFN64]    | (3011)       |
| Microchip | ATSAM4SD16CA | (ISP)      | (138) (9997) |
| Microchip | ATSAM4SD16CA | [LQFP100]  | (2985)       |
| Microchip | ATSAM4SD16CA | [TFBGA100] | (3327)       |
| Microchip | ATSAM4SD16CA | [VFBGA100] | (4051)       |
| Microchip | ATSAM4SD32BA | (ISP)      | (138) (9997) |
| Microchip | ATSAM4SD32BA | [LQFP64]   | (2998)       |
| Microchip | ATSAM4SD32BA | [QFN64]    | (3011)       |
| Microchip | ATSAM4SD32CA | (ISP)      | (138) (9997) |
| Microchip | ATSAM4SD32CA | [LQFP100]  | (2985)       |
| Microchip | ATSAM4SD32CA | [TFBGA100] | (3327)       |
| Microchip | ATSAM4SD32CA | [VFBGA100] | (4051)       |
| Microchip | ATSAMC20E15A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC20E15A | [QFN32]    | (3008)       |
| Microchip | ATSAMC20E15A | [TQFP32]   | (3005)       |
| Microchip | ATSAMC20E16A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC20E16A | [QFN32]    | (3008)       |
| Microchip | ATSAMC20E16A | [TQFP32]   | (3005)       |
| Microchip | ATSAMC20E17A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC20E17A | [QFN32]    | (3008)       |
| Microchip | ATSAMC20E17A | [TQFP32]   | (3005)       |
| Microchip | ATSAMC20E18A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC20E18A | [QFN32]    | (3008)       |
| Microchip | ATSAMC20E18A | [TQFP32]   | (3005)       |
| Microchip | ATSAMC20G15A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC20G15A | [QFN48]    | (3007)       |
| Microchip | ATSAMC20G15A | [TQFP48]   | (4354)       |
| Microchip | ATSAMC20G16A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC20G16A | [QFN48]    | (3007)       |
| Microchip | ATSAMC20G16A | [TQFP48]   | (4354)       |
| Microchip | ATSAMC20G17A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC20G17A | [QFN48]    | (3007)       |
| Microchip | ATSAMC20G17A | [TQFP48]   | (4354)       |
| Microchip | ATSAMC20G18A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC20G18A | [QFN48]    | (3007)       |
| Microchip | ATSAMC20G18A | [TQFP48]   | (4354)       |
| Microchip | ATSAMC20J15A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC20J15A | [QFN64]    | (3006)       |
| Microchip | ATSAMC20J15A | [TQFP64]   | (3003)       |
| Microchip | ATSAMC20J16A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC20J16A | [QFN64]    | (3006)       |
| Microchip | ATSAMC20J16A | [TQFP64]   | (3003)       |
| Microchip | ATSAMC20J17A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC20J17A | [QFN64]    | (3006)       |
| Microchip | ATSAMC20J17A | [TQFP64]   | (3003)       |
| Microchip | ATSAMC20J18A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC20J18A | [QFN64]    | (3006)       |
| Microchip | ATSAMC20J18A | [TQFP64]   | (3003)       |
| Microchip | ATSAMC21E15A | [QFN32]    | (3008)       |
| Microchip | ATSAMC21E15A | [TQFP32]   | (3005)       |
| Microchip | ATSAMC21E15A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC21E16A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC21E16A | [QFN32]    | (3008)       |
| Microchip | ATSAMC21E16A | [TQFP32]   | (3005)       |
| Microchip | ATSAMC21E17A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC21E17A | [QFN32]    | (3008)       |
| Microchip | ATSAMC21E17A | [TQFP32]   | (3005)       |
| Microchip | ATSAMC21E18A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC21E18A | [QFN32]    | (3008)       |
| Microchip | ATSAMC21E18A | [TQFP32]   | (3005)       |
| Microchip | ATSAMC21G15A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC21G15A | [QFN48]    | (3007)       |
| Microchip | ATSAMC21G15A | [TQFP48]   | (4354)       |
| Microchip | ATSAMC21G16A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC21G16A | [QFN48]    | (3007)       |
| Microchip | ATSAMC21G16A | [TQFP48]   | (4354)       |
| Microchip | ATSAMC21G17A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC21G17A | [QFN48]    | (3007)       |
| Microchip | ATSAMC21G17A | [TQFP48]   | (4354)       |
| Microchip | ATSAMC21G18A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC21G18A | [QFN48]    | (3007)       |
| Microchip | ATSAMC21G18A | [TQFP48]   | (4354)       |
| Microchip | ATSAMC21J15A | (ISP)      | (138) (9997) |
| Microchip | ATSAMC21J15A | [QFN64]    | (3006)       |
| Microchip | ATSAMC21J15A | [TQFP64]   | (3003)       |
| Microchip | ATSAMC21J16A | (ISP)      | (138) (9997) |

|           |              |           |              |
|-----------|--------------|-----------|--------------|
| Microchip | ATSAMC21J16A | [QFN64]   | (3006)       |
| Microchip | ATSAMC21J16A | [TQFP64]  | (3003)       |
| Microchip | ATSAMC21J17A | (ISP)     | (138) (9997) |
| Microchip | ATSAMC21J17A | [QFN64]   | (3006)       |
| Microchip | ATSAMC21J17A | [TQFP64]  | (3003)       |
| Microchip | ATSAMC21J18A | (ISP)     | (138) (9997) |
| Microchip | ATSAMC21J18A | [QFN64]   | (3006)       |
| Microchip | ATSAMC21J18A | [TQFP64]  | (3003)       |
| Microchip | ATSAMD09C14A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD09C14A | [SOIC14]  | (951)        |
| Microchip | ATSAMD09D14A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD09D14A | [QFN24]   | (731)        |
| Microchip | ATSAMD10C13A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD10C13A | [SOIC14]  | (951)        |
| Microchip | ATSAMD10C14A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD10C14A | [SOIC14]  | (951)        |
| Microchip | ATSAMD10D13A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD10D13A | [QFN24]   | (731)        |
| Microchip | ATSAMD10D14A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD10D14A | [QFN24]   | (731)        |
| Microchip | ATSAMD11C14A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD11C14A | [SOIC14]  | (951)        |
| Microchip | ATSAMD11D14A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD11D14A | [QFN24]   | (731)        |
| Microchip | ATSAMD20E14A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20E14A | [QFN32]   | (3008)       |
| Microchip | ATSAMD20E14A | [TQFP32]  | (3005)       |
| Microchip | ATSAMD20E15A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20E15A | [QFN32]   | (3008)       |
| Microchip | ATSAMD20E15A | [TQFP32]  | (3005)       |
| Microchip | ATSAMD20E16A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20E16A | [QFN32]   | (3008)       |
| Microchip | ATSAMD20E16A | [TQFP32]  | (3005)       |
| Microchip | ATSAMD20E16B | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20E16B | [QFN32]   | (3008)       |
| Microchip | ATSAMD20E16B | [TQFP32]  | (3005)       |
| Microchip | ATSAMD20E17A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20E17A | [QFN32]   | (3008)       |
| Microchip | ATSAMD20E17A | [TQFP32]  | (3005)       |
| Microchip | ATSAMD20E18A | [QFN32]   | (3008)       |
| Microchip | ATSAMD20E18A | [TQFP32]  | (3005)       |
| Microchip | ATSAMD20G14A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20G14A | [QFN48]   | (3007)       |
| Microchip | ATSAMD20G14A | [TQFP48]  | (4354)       |
| Microchip | ATSAMD20G15A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20G15A | [QFN48]   | (3007)       |
| Microchip | ATSAMD20G15A | [TQFP48]  | (4354)       |
| Microchip | ATSAMD20G16A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20G16A | [QFN48]   | (3007)       |
| Microchip | ATSAMD20G16A | [TQFP48]  | (4354)       |
| Microchip | ATSAMD20G16B | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20G16B | [QFN48]   | (3007)       |
| Microchip | ATSAMD20G16B | [TQFP48]  | (4354)       |
| Microchip | ATSAMD20G17A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20G17A | [QFN48]   | (3007)       |
| Microchip | ATSAMD20G17A | [TQFP48]  | (4354)       |
| Microchip | ATSAMD20G18A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20G18A | [QFN48]   | (3007)       |
| Microchip | ATSAMD20G18A | [TQFP48]  | (4354)       |
| Microchip | ATSAMD20J14A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20J14A | [QFN64]   | (3006)       |
| Microchip | ATSAMD20J14A | [TQFP64]  | (3003)       |
| Microchip | ATSAMD20J14A | [UFPGA64] | (3720)       |
| Microchip | ATSAMD20J15A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20J15A | [QFN64]   | (3006)       |
| Microchip | ATSAMD20J15A | [TQFP64]  | (3003)       |
| Microchip | ATSAMD20J15A | [UFPGA64] | (3720)       |
| Microchip | ATSAMD20J16A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20J16A | [QFN64]   | (3006)       |
| Microchip | ATSAMD20J16A | [TQFP64]  | (3003)       |
| Microchip | ATSAMD20J16A | [UFPGA64] | (3720)       |
| Microchip | ATSAMD20J16B | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20J16B | [QFN64]   | (3006)       |
| Microchip | ATSAMD20J16B | [TQFP64]  | (3003)       |
| Microchip | ATSAMD20J17A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20J17A | [QFN64]   | (3006)       |
| Microchip | ATSAMD20J17A | [TQFP64]  | (3003)       |
| Microchip | ATSAMD20J17A | [UFPGA64] | (3720)       |
| Microchip | ATSAMD20J18A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD20J18A | [QFN64]   | (3006)       |
| Microchip | ATSAMD20J18A | [TQFP64]  | (3003)       |
| Microchip | ATSAMD20J18A | [UFPGA64] | (3720)       |
| Microchip | ATSAMD21E15A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21E15A | [QFN32]   | (3008)       |
| Microchip | ATSAMD21E15A | [TQFP32]  | (3005)       |
| Microchip | ATSAMD21E15B | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21E15B | [QFN32]   | (3008)       |
| Microchip | ATSAMD21E15B | [TQFP32]  | (3005)       |
| Microchip | ATSAMD21E16A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21E16A | [QFN32]   | (3008)       |
| Microchip | ATSAMD21E16A | [TQFP32]  | (3005)       |
| Microchip | ATSAMD21E16B | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21E16B | [QFN32]   | (3008)       |
| Microchip | ATSAMD21E16B | [TQFP32]  | (3005)       |
| Microchip | ATSAMD21E17A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21E17A | [QFN32]   | (3008)       |
| Microchip | ATSAMD21E17A | [TQFP32]  | (3005)       |
| Microchip | ATSAMD21E17B | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21E17B | [QFN32]   | (3008)       |
| Microchip | ATSAMD21E17B | [TQFP32]  | (3005)       |
| Microchip | ATSAMD21E18A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21E18A | [QFN32]   | (3008)       |
| Microchip | ATSAMD21E18A | [TQFP32]  | (3005)       |
| Microchip | ATSAMD21E18B | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21E18B | [QFN32]   | (3008)       |
| Microchip | ATSAMD21E18B | [TQFP32]  | (3005)       |
| Microchip | ATSAMD21G15A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21G15A | [QFN48]   | (3007)       |
| Microchip | ATSAMD21G15A | [TQFP48]  | (4354)       |
| Microchip | ATSAMD21G15B | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21G15B | [QFN48]   | (3007)       |
| Microchip | ATSAMD21G15B | [TQFP48]  | (4354)       |
| Microchip | ATSAMD21G16A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21G16A | [QFN48]   | (3007)       |
| Microchip | ATSAMD21G16A | [TQFP48]  | (4354)       |
| Microchip | ATSAMD21G16B | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21G16B | [QFN48]   | (3007)       |
| Microchip | ATSAMD21G16B | [TQFP48]  | (4354)       |
| Microchip | ATSAMD21G16L | [QFN48]   | (3833)       |
| Microchip | ATSAMD21G17A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21G17A | [QFN48]   | (3007)       |
| Microchip | ATSAMD21G17A | [TQFP48]  | (4354)       |
| Microchip | ATSAMD21G17B | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21G17B | [QFN48]   | (3007)       |
| Microchip | ATSAMD21G17B | [TQFP48]  | (4354)       |
| Microchip | ATSAMD21G18A | (ISP)     | (138) (9997) |
| Microchip | ATSAMD21G18A | [QFN48]   | (3007)       |
| Microchip | ATSAMD21G18A | [TQFP48]  | (4354)       |

|           |              |            |              |
|-----------|--------------|------------|--------------|
| Microchip | ATSAMD21G18B | (ISP)      | (138) (9997) |
| Microchip | ATSAMD21G18B | [QFN48]    | (3007)       |
| Microchip | ATSAMD21G18B | [TQFP48]   | (4354)       |
| Microchip | ATSAMD21J15A | (ISP)      | (138) (9997) |
| Microchip | ATSAMD21J15A | [QFN64]    | (3006)       |
| Microchip | ATSAMD21J15A | [TQFP64]   | (3003)       |
| Microchip | ATSAMD21J15A | [UFPGA64]  | (3720)       |
| Microchip | ATSAMD21J15B | (ISP)      | (138) (9997) |
| Microchip | ATSAMD21J15B | [QFN64]    | (3006)       |
| Microchip | ATSAMD21J15B | [TQFP64]   | (3003)       |
| Microchip | ATSAMD21J15B | [UFPGA64]  | (3720)       |
| Microchip | ATSAMD21J16A | (ISP)      | (138) (9997) |
| Microchip | ATSAMD21J16A | [QFN64]    | (3006)       |
| Microchip | ATSAMD21J16A | [TQFP64]   | (3003)       |
| Microchip | ATSAMD21J16A | [UFPGA64]  | (3720)       |
| Microchip | ATSAMD21J16B | (ISP)      | (138) (9997) |
| Microchip | ATSAMD21J16B | [QFN64]    | (3006)       |
| Microchip | ATSAMD21J16B | [TQFP64]   | (3003)       |
| Microchip | ATSAMD21J16B | [UFPGA64]  | (3720)       |
| Microchip | ATSAMD21J17A | (ISP)      | (138) (9997) |
| Microchip | ATSAMD21J17A | [QFN64]    | (3006)       |
| Microchip | ATSAMD21J17A | [TQFP64]   | (3003)       |
| Microchip | ATSAMD21J17A | [UFPGA64]  | (3720)       |
| Microchip | ATSAMD21J17B | (ISP)      | (138) (9997) |
| Microchip | ATSAMD21J17B | [QFN64]    | (3006)       |
| Microchip | ATSAMD21J17B | [TQFP64]   | (3003)       |
| Microchip | ATSAMD21J17B | [UFPGA64]  | (3720)       |
| Microchip | ATSAMD21J17D | [QFN64]    | (3006)       |
| Microchip | ATSAMD21J18A | (ISP)      | (138) (9997) |
| Microchip | ATSAMD21J18A | [QFN64]    | (3006)       |
| Microchip | ATSAMD21J18A | [TQFP64]   | (3003)       |
| Microchip | ATSAMD21J18A | [UFPGA64]  | (3720)       |
| Microchip | ATSAMD21J18B | (ISP)      | (138) (9997) |
| Microchip | ATSAMD21J18B | [QFN64]    | (3006)       |
| Microchip | ATSAMD21J18B | [TQFP64]   | (3003)       |
| Microchip | ATSAMD21J18B | [UFPGA64]  | (3720)       |
| Microchip | ATSAMD51G18A | [VQFN48]   | (3395)       |
| Microchip | ATSAMD51G19A | [VQFN48]   | (3395)       |
| Microchip | ATSAMD51J18A | [TQFP64]   | (4787)       |
| Microchip | ATSAMD51J19A | [TQFP64]   | (4787)       |
| Microchip | ATSAMD51J20A | [TQFP64]   | (4787)       |
| Microchip | ATSAMD51N20A | [TQFP100]  | (4627)       |
| Microchip | ATSAMD1E14A  | (ISP)      | (138) (9997) |
| Microchip | ATSAMD1E14A  | [QFN32]    | (3008)       |
| Microchip | ATSAMD1E14A  | [TQFP32]   | (3005)       |
| Microchip | ATSAMD1E15A  | (ISP)      | (138) (9997) |
| Microchip | ATSAMD1E15A  | [QFN32]    | (3008)       |
| Microchip | ATSAMD1E15A  | [TQFP32]   | (3005)       |
| Microchip | ATSAMD1E16A  | (ISP)      | (138) (9997) |
| Microchip | ATSAMD1E16A  | [QFN32]    | (3008)       |
| Microchip | ATSAMD1E16A  | [TQFP32]   | (3005)       |
| Microchip | ATSAMD1G14A  | (ISP)      | (138) (9997) |
| Microchip | ATSAMD1G14A  | [QFN48]    | (3007)       |
| Microchip | ATSAMD1G14A  | [TQFP48]   | (4354)       |
| Microchip | ATSAMD1G15A  | (ISP)      | (138) (9997) |
| Microchip | ATSAMD1G15A  | [QFN48]    | (3007)       |
| Microchip | ATSAMD1G15A  | [TQFP48]   | (4354)       |
| Microchip | ATSAMD1G16A  | (ISP)      | (138) (9997) |
| Microchip | ATSAMD1G16A  | [QFN48]    | (3007)       |
| Microchip | ATSAMD1G16A  | [TQFP48]   | (4354)       |
| Microchip | ATSAMD1J14A  | (ISP)      | (138) (9997) |
| Microchip | ATSAMD1J14A  | [TQFP64]   | (3003)       |
| Microchip | ATSAMD1J15A  | (ISP)      | (138) (9997) |
| Microchip | ATSAMD1J15A  | [QFN64]    | (3006)       |
| Microchip | ATSAMD1J15A  | [TQFP64]   | (3003)       |
| Microchip | ATSAMD1J16A  | (ISP)      | (138) (9997) |
| Microchip | ATSAMD1J16A  | [TQFP64]   | (3003)       |
| Microchip | ATSAME53N19A | [TQFP100]  | (4627)       |
| Microchip | ATSAME53N20A | (ISP)      | (138) (9997) |
| Microchip | ATSAME53N20A | [TQFP100]  | (4627)       |
| Microchip | ATSAME70N19A | [LQFP100]  | (4537)       |
| Microchip | ATSAME70N19A | [TFBGA100] | (3753)       |
| Microchip | ATSAME70N20A | [LQFP100]  | (4537)       |
| Microchip | ATSAME70N20A | [TFBGA100] | (3753)       |
| Microchip | ATSAME70N21A | [LQFP100]  | (4537)       |
| Microchip | ATSAME70N21A | [TFBGA100] | (3753)       |
| Microchip | ATSAME70Q19A | [LFBGA144] | (3721)       |
| Microchip | ATSAME70Q19A | [LQFP144]  | (3341)       |
| Microchip | ATSAME70Q20A | [LFBGA144] | (3721)       |
| Microchip | ATSAME70Q20A | [LQFP144]  | (3341)       |
| Microchip | ATSAME70Q21A | (ISP)      | (138) (9997) |
| Microchip | ATSAME70Q21A | [LFBGA144] | (3721)       |
| Microchip | ATSAME70Q21A | [LQFP144]  | (3341)       |
| Microchip | ATSAME70Q21B | [LQFP144]  | (3341)       |
| Microchip | ATSAMG55G19A | [WLCSFP49] | (3491)       |
| Microchip | ATSAMG55G19B | [WLCSFP49] | (3491)       |
| Microchip | ATSAMG55J19A | [LQFP64]   | (4757)       |
| Microchip | ATSAMG55J19A | [QFN64]    | (4628)       |
| Microchip | ATSAMG55J19B | [LQFP64]   | (4757)       |
| Microchip | ATSAMG55J19B | [QFN64]    | (4628)       |
| Microchip | ATSAMHA1E14A | [VQFN32]   | (3008)       |
| Microchip | ATSAMHA1E15A | [VQFN32]   | (3008)       |
| Microchip | ATSAMHA1E16A | [VQFN32]   | (3008)       |
| Microchip | ATSAML10D14A | [SSOP24]   | (5036)       |
| Microchip | ATSAML10D14A | [VQFN24]   | (5037)       |
| Microchip | ATSAML10D15A | [SSOP24]   | (5036)       |
| Microchip | ATSAML10D15A | [VQFN24]   | (5037)       |
| Microchip | ATSAML10D16A | [SSOP24]   | (5036)       |
| Microchip | ATSAML10D16A | [VQFN24]   | (5037)       |
| Microchip | ATSAML10E14A | [TQFP32]   | (3005)       |
| Microchip | ATSAML10E14A | [VQFN32]   | (3008)       |
| Microchip | ATSAML10E15A | [TQFP32]   | (3005)       |
| Microchip | ATSAML10E15A | [VQFN32]   | (3008)       |
| Microchip | ATSAML10E16A | [TQFP32]   | (3005)       |
| Microchip | ATSAML10E16A | [VQFN32]   | (3008)       |
| Microchip | ATSAML11D14A | [SSOP24]   | (5036)       |
| Microchip | ATSAML11D14A | [VQFN24]   | (5037)       |
| Microchip | ATSAML11D15A | [SSOP24]   | (5036)       |
| Microchip | ATSAML11D15A | [VQFN24]   | (5037)       |
| Microchip | ATSAML11D16A | [SSOP24]   | (5036)       |
| Microchip | ATSAML11D16A | [VQFN24]   | (5037)       |
| Microchip | ATSAML11E14A | [TQFP32]   | (3005)       |
| Microchip | ATSAML11E14A | [VQFN32]   | (3008)       |
| Microchip | ATSAML11E15A | [TQFP32]   | (3005)       |
| Microchip | ATSAML11E15A | [VQFN32]   | (3008)       |
| Microchip | ATSAML11E16A | [TQFP32]   | (3005)       |
| Microchip | ATSAML11E16A | [VQFN32]   | (3008)       |
| Microchip | ATSAML21E15B | (ISP)      | (138) (9997) |
| Microchip | ATSAML21E15B | [QFN32]    | (3396)       |
| Microchip | ATSAML21E15B | [TQFP32]   | (3393)       |
| Microchip | ATSAML21E16B | (ISP)      | (138) (9997) |
| Microchip | ATSAML21E16B | [QFN32]    | (3396)       |
| Microchip | ATSAML21E16B | [TQFP32]   | (3393)       |
| Microchip | ATSAML21E17B | (ISP)      | (138) (9997) |
| Microchip | ATSAML21E17B | [QFN32]    | (3396)       |
| Microchip | ATSAML21E17B | [TQFP32]   | (3393)       |
| Microchip | ATSAML21E18B | (ISP)      | (138) (9997) |
| Microchip | ATSAML21E18B | [QFN32]    | (3396)       |

|           |                              |            |              |
|-----------|------------------------------|------------|--------------|
| Microchip | ATSAML21E18B                 | [TQFP32]   | (3393)       |
| Microchip | ATSAML21G16B                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML21G16B                 | [QFN48]    | (3395)       |
| Microchip | ATSAML21G16B                 | [TQFP48]   | (3392)       |
| Microchip | ATSAML21G17B                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML21G17B                 | [QFN48]    | (3395)       |
| Microchip | ATSAML21G17B                 | [TQFP48]   | (3392)       |
| Microchip | ATSAML21G18B                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML21G18B                 | [QFN48]    | (3395)       |
| Microchip | ATSAML21G18B                 | [TQFP48]   | (3392)       |
| Microchip | ATSAML21J16B                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML21J16B                 | [QFN64]    | (3394)       |
| Microchip | ATSAML21J16B                 | [TQFP64]   | (4787)       |
| Microchip | ATSAML21J17B                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML21J17B                 | [QFN64]    | (3394)       |
| Microchip | ATSAML21J17B                 | [TQFP64]   | (4787)       |
| Microchip | ATSAML21J18B                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML21J18B                 | [QFN64]    | (3394)       |
| Microchip | ATSAML21J18B                 | [TQFP64]   | (4787)       |
| Microchip | ATSAML22G16A                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML22G16A                 | [QFN48]    | (3395)       |
| Microchip | ATSAML22G16A                 | [TQFP48]   | (3392)       |
| Microchip | ATSAML22G17A                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML22G17A                 | [QFN48]    | (3395)       |
| Microchip | ATSAML22G17A                 | [TQFP48]   | (3392)       |
| Microchip | ATSAML22G18A                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML22G18A                 | [QFN48]    | (3395)       |
| Microchip | ATSAML22G18A                 | [TQFP48]   | (3392)       |
| Microchip | ATSAML22J16A                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML22J16A                 | [QFN64]    | (3394)       |
| Microchip | ATSAML22J16A                 | [TQFP64]   | (4787)       |
| Microchip | ATSAML22J17A                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML22J17A                 | [QFN64]    | (3394)       |
| Microchip | ATSAML22J17A                 | [TQFP64]   | (4787)       |
| Microchip | ATSAML22J18A                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML22J18A                 | [QFN64]    | (3394)       |
| Microchip | ATSAML22J18A                 | [TQFP64]   | (4787)       |
| Microchip | ATSAML22N16A                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML22N16A                 | [TQFP100]  | (4816)       |
| Microchip | ATSAML22N17A                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML22N17A                 | [TQFP100]  | (4816)       |
| Microchip | ATSAML22N18A                 | (ISP)      | (138) (9997) |
| Microchip | ATSAML22N18A                 | [TQFP100]  | (4816)       |
| Microchip | ATSAML22N18A                 | [UFPGA100] | (5005)       |
| Microchip | ATSAMR21E16A                 | (ISP)      | (138) (9997) |
| Microchip | ATSAMR21E16A                 | [QFN32]    | (3008)       |
| Microchip | ATSAMR21E17A                 | (ISP)      | (138) (9997) |
| Microchip | ATSAMR21E17A                 | [QFN32]    | (3008)       |
| Microchip | ATSAMR21E18A                 | (ISP)      | (138) (9997) |
| Microchip | ATSAMR21E18A                 | [QFN32]    | (3008)       |
| Microchip | ATSAMR21E19A                 | (ISP)      | (138) (9997) |
| Microchip | ATSAMR21E19A                 | [QFN32]    | (3008)       |
| Microchip | ATSAMR21G16A                 | [QFN48]    | (3007)       |
| Microchip | ATSAMR21G17A                 | [QFN48]    | (3007)       |
| Microchip | ATSAMR21G18A                 | [QFN48]    | (3007)       |
| Microchip | ATSAMS70N19A                 | [LQFP100]  | (4537)       |
| Microchip | ATSAMS70N19A                 | [TFBGA100] | (3753)       |
| Microchip | ATSAMS70N19A                 | [VFBGA100] | (4100)       |
| Microchip | ATSAMS70N20A                 | [LQFP100]  | (4537)       |
| Microchip | ATSAMS70N20A                 | [TFBGA100] | (3753)       |
| Microchip | ATSAMS70N20A                 | [VFBGA100] | (4100)       |
| Microchip | ATSAMS70N21A                 | [LQFP100]  | (4537)       |
| Microchip | ATSAMS70N21A                 | [TFBGA100] | (3753)       |
| Microchip | ATSAMS70N21A                 | [VFBGA100] | (4100)       |
| Microchip | ATSAMV70N19A                 | [LQFP100]  | (4537)       |
| Microchip | ATSAMV70N20A                 | [LQFP100]  | (4537)       |
| Microchip | ATSAMV70N21A                 | [LQFP100]  | (4537)       |
| Microchip | ATSAMV70Q19B                 | [LFBGA144] | (3721)       |
| Microchip | ATSAMV70Q20B                 | [LFBGA144] | (3721)       |
| Microchip | ATTiny10 (ISP-TPI)           |            | (138)        |
| Microchip | ATTiny10 [SOT-23]            |            | (523)        |
| Microchip | ATTiny10 [UDFN8]             |            | (1535)       |
| Microchip | ATTiny102 [SOIC8]            |            | (950)        |
| Microchip | ATTiny102F [SOIC8]           |            | (950)        |
| Microchip | ATTiny104 [SOIC14]           |            | (951)        |
| Microchip | ATTiny104F [SOIC14]          |            | (951)        |
| Microchip | ATTiny12                     |            |              |
| Microchip | ATTiny12 (ISP-SPI)           |            | (138)        |
| Microchip | ATTiny12 [SOIC8]             |            | (46)         |
| Microchip | ATTiny12L                    |            |              |
| Microchip | ATTiny12L (ISP-SPI)          |            | (138)        |
| Microchip | ATTiny12L [SOIC8]            |            | (46)         |
| Microchip | ATTiny12V                    |            |              |
| Microchip | ATTiny12V (ISP-SPI)          |            | (138)        |
| Microchip | ATTiny12V [SOIC8]            |            | (46)         |
| Microchip | ATTiny13                     |            |              |
| Microchip | ATTiny13 (ISP-SPI)           |            | (138)        |
| Microchip | ATTiny13 (ISP-SPI) (OSCCAL)  |            | (138)        |
| Microchip | ATTiny13 [MLF10]             |            | (574)        |
| Microchip | ATTiny13 [MLF20]             |            | (575)        |
| Microchip | ATTiny13 [SOIC8-150]         |            | (950)        |
| Microchip | ATTiny13 [SOIC8-209]         |            | (46)         |
| Microchip | ATTiny13A                    |            |              |
| Microchip | ATTiny13A (ISP-SPI)          |            | (138)        |
| Microchip | ATTiny13A [MLF10]            |            | (574)        |
| Microchip | ATTiny13A [MLF20]            |            | (575)        |
| Microchip | ATTiny13A [SOIC8-150]        |            | (950)        |
| Microchip | ATTiny13A [SOIC8-209]        |            | (46)         |
| Microchip | ATTiny13V                    |            |              |
| Microchip | ATTiny13V (ISP-SPI)          |            | (138)        |
| Microchip | ATTiny13V (ISP-SPI) (OSCCAL) |            | (138) (9997) |
| Microchip | ATTiny13V [MLF10]            |            | (574)        |
| Microchip | ATTiny13V [MLF20]            |            | (575)        |
| Microchip | ATTiny13V [SOIC8-150]        |            | (950)        |
| Microchip | ATTiny13V [SOIC8-209]        |            | (46)         |
| Microchip | ATTiny1604 (ISP-UPDI)        |            | (138) (9997) |
| Microchip | ATTiny1604 [SOIC14-150]      |            | (4224)       |
| Microchip | ATTiny1606 (ISP-UPDI)        |            | (138) (9997) |
| Microchip | ATTiny1606 [SOIC20-300]      |            | (4225)       |
| Microchip | ATTiny1606 [VQFN20]          |            | (4226)       |
| Microchip | ATTiny1607 (ISP-UPDI)        |            | (138) (9997) |
| Microchip | ATTiny1607 [QFN24]           |            | (4227)       |
| Microchip | ATTiny1614 (ISP-UPDI)        |            | (138) (9997) |
| Microchip | ATTiny1614 [SOIC14]          |            | (4224)       |
| Microchip | ATTiny1616 (ISP-UPDI)        |            | (138) (9997) |
| Microchip | ATTiny1616 [SOIC20]          |            | (4225)       |
| Microchip | ATTiny1616 [VQFN20]          |            | (4226)       |
| Microchip | ATTiny1617 (ISP-UPDI)        |            | (138) (9997) |
| Microchip | ATTiny1617 [QFN24]           |            | (4227)       |
| Microchip | ATTiny1634 (ISP-SPI)         |            | (138)        |
| Microchip | ATTiny1634 [QFN20]           |            | (575)        |
| Microchip | ATTiny1634 [SOIC20]          |            | (119)        |
| Microchip | ATTiny1634 [TSSOP20]         |            | (1089)       |
| Microchip | ATTiny167 (ISP-SPI)          |            | (138)        |
| Microchip | ATTiny167 [QFN20]            |            | (575)        |
| Microchip | ATTiny167 [QFN32]            |            | (221)        |
| Microchip | ATTiny167 [SOIC20]           |            | (119)        |
| Microchip | ATTiny167 [TSSOP20]          |            | (1089)       |

|           |                               |              |
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| Microchip | ATTiny20 (ISP-TPI)            | (138)        |
| Microchip | ATTiny20 [SOIC14]             | (951)        |
| Microchip | ATTiny20 [TSSOP14]            | (1087)       |
| Microchip | ATTiny20 [UFBGA15]            | (2140)       |
| Microchip | ATTiny20 [VQFN20]             | (1526)       |
| Microchip | ATTiny20 [WLCSPI2]            | (2954)       |
| Microchip | ATTiny202 (ISP-UPDI)          | (138) (9997) |
| Microchip | ATTiny202 [SOIC8-150]         | (4836)       |
| Microchip | ATTiny204 (ISP-UPDI)          | (138) (9997) |
| Microchip | ATTiny204 [SOIC14-150]        | (4224)       |
| Microchip | ATTiny212 (ISP-UPDI)          | (138) (9997) |
| Microchip | ATTiny212 [SOIC8-150]         | (4836)       |
| Microchip | ATTiny214 (ISP-UPDI)          | (138) (9997) |
| Microchip | ATTiny214 [SOIC14]            | (4224)       |
| Microchip | ATTiny2313                    |              |
| Microchip | ATTiny2313 (ISP-SPI)          | (138)        |
| Microchip | ATTiny2313 [MLF20]            | (575)        |
| Microchip | ATTiny2313 [SOIC20]           | (119)        |
| Microchip | ATTiny2313A                   |              |
| Microchip | ATTiny2313A (ISP-SPI)         | (138)        |
| Microchip | ATTiny2313A [MLF20]           | (575)        |
| Microchip | ATTiny2313A [SOIC20]          | (119)        |
| Microchip | ATTiny2313A [VQFN20]          | (1526)       |
| Microchip | ATTiny2313V                   |              |
| Microchip | ATTiny2313V (ISP-SPI)         | (138)        |
| Microchip | ATTiny2313V [MLF20]           | (575)        |
| Microchip | ATTiny2313V [SOIC20]          | (119)        |
| Microchip | ATTiny23u (ISP-SPI)           | (138)        |
| Microchip | ATTiny23u [MLF20]             | (575)        |
| Microchip | ATTiny23u [SOIC20]            | (119)        |
| Microchip | ATTiny24                      |              |
| Microchip | ATTiny24 (ISP-SPI)            | (138)        |
| Microchip | ATTiny24 [MLF20]              | (575)        |
| Microchip | ATTiny24 [SOIC14]             | (951)        |
| Microchip | ATTiny24A                     |              |
| Microchip | ATTiny24A (ISP-SPI)           | (138)        |
| Microchip | ATTiny24A [MLF20]             | (575)        |
| Microchip | ATTiny24A [SOIC14]            | (951)        |
| Microchip | ATTiny24A [UFBGA15]           | (2140)       |
| Microchip | ATTiny24A [VQFN20]            | (1526)       |
| Microchip | ATTiny24V                     |              |
| Microchip | ATTiny24V (ISP-SPI)           | (138)        |
| Microchip | ATTiny24V [MLF20]             | (575)        |
| Microchip | ATTiny24V [SOIC14]            | (951)        |
| Microchip | ATTiny25                      |              |
| Microchip | ATTiny25 (ISP-SPI)            | (138)        |
| Microchip | ATTiny25 [MLF20]              | (575)        |
| Microchip | ATTiny25 [SOIC8-150]          | (950)        |
| Microchip | ATTiny25 [SOIC8-209]          | (46)         |
| Microchip | ATTiny25V                     |              |
| Microchip | ATTiny25V (ISP-SPI)           | (138)        |
| Microchip | ATTiny25V [MLF20]             | (575)        |
| Microchip | ATTiny25V [SOIC8-150]         | (950)        |
| Microchip | ATTiny25V [SOIC8-209]         | (46)         |
| Microchip | ATTiny26                      |              |
| Microchip | ATTiny26 (ISP-SPI)            | (138)        |
| Microchip | ATTiny26 (ser. pg.)           |              |
| Microchip | ATTiny26 [MLF32]              | (221)        |
| Microchip | ATTiny26 [MLF32] (ser. pg.)   | (221)        |
| Microchip | ATTiny26 [SOIC20]             | (119)        |
| Microchip | ATTiny26 [SOIC20] (ser. pg.)  | (119)        |
| Microchip | ATTiny261                     |              |
| Microchip | ATTiny261 (ISP-SPI)           | (138)        |
| Microchip | ATTiny261 [MLF20]             | (575)        |
| Microchip | ATTiny261 [MLF32]             | (221)        |
| Microchip | ATTiny261 [SOIC20]            | (119)        |
| Microchip | ATTiny261 [TSSOP20]           | (1089)       |
| Microchip | ATTiny261A                    |              |
| Microchip | ATTiny261A (ISP-SPI)          | (138)        |
| Microchip | ATTiny261A [MLF32]            | (221)        |
| Microchip | ATTiny261A [SOIC20]           | (119)        |
| Microchip | ATTiny261A [TSSOP20]          | (1089)       |
| Microchip | ATTiny261V                    |              |
| Microchip | ATTiny261V (ISP-SPI)          | (138)        |
| Microchip | ATTiny261V [MLF32]            | (221)        |
| Microchip | ATTiny261V [SOIC20]           | (119)        |
| Microchip | ATTiny26L                     |              |
| Microchip | ATTiny26L (ISP-SPI)           | (138)        |
| Microchip | ATTiny26L (ser. pg.)          |              |
| Microchip | ATTiny26L [MLF32]             | (221)        |
| Microchip | ATTiny26L [MLF32] (ser. pg.)  | (221)        |
| Microchip | ATTiny26L [SOIC20]            | (119)        |
| Microchip | ATTiny26L [SOIC20] (ser. pg.) | (119)        |
| Microchip | ATTiny28L                     |              |
| Microchip | ATTiny28L [MLF32]             | (221)        |
| Microchip | ATTiny28L [TQFP32]            | (159)        |
| Microchip | ATTiny28V                     |              |
| Microchip | ATTiny28V [MLF32]             | (221)        |
| Microchip | ATTiny28V [TQFP32]            | (159)        |
| Microchip | ATTiny3216 (ISP-UPDI)         | (138) (9997) |
| Microchip | ATTiny3216 [SOIC20]           | (4225)       |
| Microchip | ATTiny3216 [VQFN20]           | (4226)       |
| Microchip | ATTiny3217 (ISP-UPDI)         | (138) (9997) |
| Microchip | ATTiny3217 [QFN24]            | (4227)       |
| Microchip | ATTiny4 (ISP-TPI)             | (138)        |
| Microchip | ATTiny4 [SOT-23]              | (523)        |
| Microchip | ATTiny4 [UDFN8]               | (1535)       |
| Microchip | ATTiny40 (ISP-TPI)            | (138)        |
| Microchip | ATTiny40 [MLF20]              | (1526)       |
| Microchip | ATTiny40 [SOIC20]             | (119)        |
| Microchip | ATTiny40 [TSSOP20]            | (1089)       |
| Microchip | ATTiny402 (ISP-UPDI)          | (138) (9997) |
| Microchip | ATTiny402 [SOIC8-150]         | (4836)       |
| Microchip | ATTiny404 (ISP-UPDI)          | (138) (9997) |
| Microchip | ATTiny404 [SOIC14-150]        | (4224)       |
| Microchip | ATTiny406 (ISP-UPDI)          | (138) (9997) |
| Microchip | ATTiny406 [SOIC20]            | (4225)       |
| Microchip | ATTiny406 [VQFN20]            | (4226)       |
| Microchip | ATTiny412 (ISP-UPDI)          | (138) (9997) |
| Microchip | ATTiny412 [SOIC8-150]         | (4836)       |
| Microchip | ATTiny414 (ISP-UPDI)          | (138) (9997) |
| Microchip | ATTiny414 [SOIC14]            | (4224)       |
| Microchip | ATTiny416 (ISP-UPDI)          | (138) (9997) |
| Microchip | ATTiny416 [SOIC20]            | (4225)       |
| Microchip | ATTiny416 [VQFN20]            | (4226)       |
| Microchip | ATTiny417 (ISP-UPDI)          | (138) (9997) |
| Microchip | ATTiny417 [QFN24]             | (4227)       |
| Microchip | ATTiny4313                    |              |
| Microchip | ATTiny4313 (ISP-SPI)          | (138)        |
| Microchip | ATTiny4313 [MLF20]            | (575)        |
| Microchip | ATTiny4313 [SOIC20]           | (119)        |
| Microchip | ATTiny4313 [VQFN20]           | (1526)       |
| Microchip | ATTiny43u (ISP-SPI)           | (138)        |
| Microchip | ATTiny43u [MLF20]             | (575)        |
| Microchip | ATTiny43u [SOIC20]            | (119)        |
| Microchip | ATTiny44                      |              |
| Microchip | ATTiny44 (ISP-SPI)            | (138)        |
| Microchip | ATTiny44 [MLF20]              | (575)        |

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| Microchip | ATTiny44 [SOIC14]              | (951)        |
| Microchip | ATTiny441 (ISP-SPI)            | (138)        |
| Microchip | ATTiny441 (ISP-SPI) (OSCCAL)   | (138) (9997) |
| Microchip | ATTiny441 [MLF20] (HVSP)       | (575)        |
| Microchip | ATTiny441 [MLF20] (SPI)        | (575)        |
| Microchip | ATTiny441 [SOIC14] (HVSP)      | (951)        |
| Microchip | ATTiny441 [SOIC14] (SPI)       | (951)        |
| Microchip | ATTiny441 [VQFN20] (HVSP)      | (1526)       |
| Microchip | ATTiny441 [VQFN20] (SPI)       | (1526)       |
| Microchip | ATTiny44A                      |              |
| Microchip | ATTiny44A (ISP-SPI)            | (138)        |
| Microchip | ATTiny44A [MLF20]              | (575)        |
| Microchip | ATTiny44A [SOIC14]             | (951)        |
| Microchip | ATTiny44A [UFPGA15]            | (2140)       |
| Microchip | ATTiny44A [VQFN20]             | (1526)       |
| Microchip | ATTiny44V                      |              |
| Microchip | ATTiny44V (ISP-SPI)            | (138)        |
| Microchip | ATTiny44V [MLF20]              | (575)        |
| Microchip | ATTiny44V [SOIC14]             | (951)        |
| Microchip | ATTiny45                       |              |
| Microchip | ATTiny45 (ISP-SPI)             | (138)        |
| Microchip | ATTiny45 [MLF20]               | (575)        |
| Microchip | ATTiny45 [SOIC8-150]           | (950)        |
| Microchip | ATTiny45 [SOIC8-209]           | (46)         |
| Microchip | ATTiny45 [TSSOP8]              | (121)        |
| Microchip | ATTiny45V                      |              |
| Microchip | ATTiny45V (ISP-SPI)            | (138)        |
| Microchip | ATTiny45V [MLF20]              | (575)        |
| Microchip | ATTiny45V [SOIC8-150]          | (950)        |
| Microchip | ATTiny45V [SOIC8-209]          | (46)         |
| Microchip | ATTiny45V [TSSOP8]             | (121)        |
| Microchip | ATTiny461                      |              |
| Microchip | ATTiny461 (ISP-SPI)            | (138)        |
| Microchip | ATTiny461 [MLF20]              | (575)        |
| Microchip | ATTiny461 [MLF32]              | (221)        |
| Microchip | ATTiny461 [SOIC20]             | (119)        |
| Microchip | ATTiny461 [TSSOP20]            | (1089)       |
| Microchip | ATTiny461A                     |              |
| Microchip | ATTiny461A (ISP-SPI)           | (138)        |
| Microchip | ATTiny461A [MLF32]             | (221)        |
| Microchip | ATTiny461A [SOIC20]            | (119)        |
| Microchip | ATTiny461A [TSSOP20]           | (1089)       |
| Microchip | ATTiny461V                     |              |
| Microchip | ATTiny461V (ISP-SPI)           | (138)        |
| Microchip | ATTiny461V [MLF32]             | (221)        |
| Microchip | ATTiny461V [SOIC20]            | (119)        |
| Microchip | ATTiny48                       |              |
| Microchip | ATTiny48 (ISP-SPI)             | (138)        |
| Microchip | ATTiny48 [MLF28]               | (1005)       |
| Microchip | ATTiny48 [MLF32]               | (221)        |
| Microchip | ATTiny48 [TQFP32]              | (159)        |
| Microchip | ATTiny48 [UFPGA32]             | (2141)       |
| Microchip | ATTiny48V                      |              |
| Microchip | ATTiny48V (ISP-SPI)            | (138)        |
| Microchip | ATTiny48V [MLF28]              | (1005)       |
| Microchip | ATTiny48V [MLF32]              | (221)        |
| Microchip | ATTiny48V [TQFP32]             | (159)        |
| Microchip | ATTiny48V [UFPGA32]            | (2141)       |
| Microchip | ATTiny5 (ISP-TPI)              | (138)        |
| Microchip | ATTiny5 [SOT-23]               | (523)        |
| Microchip | ATTiny5 [UDFN8]                | (1535)       |
| Microchip | ATTiny804 (ISP-UPDI)           | (138) (9997) |
| Microchip | ATTiny804 [SOIC14-150]         | (4224)       |
| Microchip | ATTiny806 (ISP-UPDI)           | (138) (9997) |
| Microchip | ATTiny806 [SOIC20-300]         | (4225)       |
| Microchip | ATTiny806 [VQFN20]             | (4226)       |
| Microchip | ATTiny807 (ISP-UPDI)           | (138) (9997) |
| Microchip | ATTiny807 [QFN24]              | (4227)       |
| Microchip | ATTiny814 (ISP-UPDI)           | (138) (9997) |
| Microchip | ATTiny814 [SOIC14]             | (4224)       |
| Microchip | ATTiny816 (ISP-UPDI)           | (138) (9997) |
| Microchip | ATTiny816 [SOIC20]             | (4225)       |
| Microchip | ATTiny816 [VQFN20]             | (4226)       |
| Microchip | ATTiny817 (ISP-UPDI)           | (138) (9997) |
| Microchip | ATTiny817 [QFN24]              | (4227)       |
| Microchip | ATTiny828 (ISP-SPI)            | (138)        |
| Microchip | ATTiny828 [MLF32]              | (221)        |
| Microchip | ATTiny828 [TQFP32]             | (159)        |
| Microchip | ATTiny84                       |              |
| Microchip | ATTiny84 (ISP-SPI)             | (138)        |
| Microchip | ATTiny84 [MLF20]               | (575)        |
| Microchip | ATTiny84 [SOIC14]              | (951)        |
| Microchip | ATTiny841 (ISP-SPI)            | (138)        |
| Microchip | ATTiny841 (ISP-SPI) (Enhanced) | (138) (9997) |
| Microchip | ATTiny841 [MLF20] (HVSP)       | (575)        |
| Microchip | ATTiny841 [MLF20] (SPI)        | (575)        |
| Microchip | ATTiny841 [SOIC14] (HVSP)      | (951)        |
| Microchip | ATTiny841 [SOIC14] (SPI)       | (951)        |
| Microchip | ATTiny841 [VQFN20] (HVSP)      | (1526)       |
| Microchip | ATTiny841 [VQFN20] (SPI)       | (1526)       |
| Microchip | ATTiny84A                      |              |
| Microchip | ATTiny84A (ISP-SPI)            | (138)        |
| Microchip | ATTiny84A [MLF20]              | (575)        |
| Microchip | ATTiny84A [SOIC14]             | (951)        |
| Microchip | ATTiny84A [UFPGA15]            | (2140)       |
| Microchip | ATTiny84A [VQFN20]             | (1526)       |
| Microchip | ATTiny84V                      |              |
| Microchip | ATTiny84V (ISP-SPI)            | (138)        |
| Microchip | ATTiny84V [MLF20]              | (575)        |
| Microchip | ATTiny84V [SOIC14]             | (951)        |
| Microchip | ATTiny85                       |              |
| Microchip | ATTiny85 (ISP-SPI)             | (138)        |
| Microchip | ATTiny85 [MLF20]               | (575)        |
| Microchip | ATTiny85 [SOIC8-150]           | (950)        |
| Microchip | ATTiny85 [SOIC8-209]           | (46)         |
| Microchip | ATTiny85 [TSSOP8]              | (121)        |
| Microchip | ATTiny85V                      |              |
| Microchip | ATTiny85V (ISP-SPI)            | (138)        |
| Microchip | ATTiny85V [MLF20]              | (575)        |
| Microchip | ATTiny85V [SOIC8-150]          | (950)        |
| Microchip | ATTiny85V [SOIC8-209]          | (46)         |
| Microchip | ATTiny85V [TSSOP8]             | (121)        |
| Microchip | ATTiny861                      |              |
| Microchip | ATTiny861 (ISP-SPI)            | (138)        |
| Microchip | ATTiny861 [MLF20]              | (575)        |
| Microchip | ATTiny861 [MLF32]              | (221)        |
| Microchip | ATTiny861 [SOIC20]             | (119)        |
| Microchip | ATTiny861 [TSSOP20]            | (1089)       |
| Microchip | ATTiny861A                     |              |
| Microchip | ATTiny861A (ISP-SPI)           | (138)        |
| Microchip | ATTiny861A [MLF32]             | (221)        |
| Microchip | ATTiny861A [SOIC20]            | (119)        |
| Microchip | ATTiny861A [TSSOP20]           | (1089)       |
| Microchip | ATTiny861V                     |              |
| Microchip | ATTiny861V (ISP-SPI)           | (138)        |
| Microchip | ATTiny861V [MLF32]             | (221)        |
| Microchip | ATTiny861V [SOIC20]            | (119)        |
| Microchip | ATTiny87 (ISP-SPI)             | (138)        |

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| Microchip | Attiny87 [QFN32]         | (221)         |
| Microchip | Attiny87 [SOIC20]        | (119)         |
| Microchip | Attiny87 [TSSOP20]       | (1089)        |
| Microchip | Attiny88                 |               |
| Microchip | Attiny88 (ISP-SPI)       | (138)         |
| Microchip | Attiny88 [MLF28]         | (1005)        |
| Microchip | Attiny88 [MLF32]         | (221)         |
| Microchip | Attiny88 [TQFP32]        | (159)         |
| Microchip | Attiny88 [UFPGA32]       | (2141)        |
| Microchip | Attiny88v                |               |
| Microchip | Attiny88v (ISP-SPI)      | (138)         |
| Microchip | Attiny88v [MLF28]        | (1005)        |
| Microchip | Attiny88v [MLF32]        | (221)         |
| Microchip | Attiny88v [TQFP32]       | (159)         |
| Microchip | Attiny88v [UFPGA32]      | (2141)        |
| Microchip | Attiny9 (ISP-TPI)        | (138)         |
| Microchip | Attiny9 [SOT-23]         | (523)         |
| Microchip | Attiny9 [UDFN8]          | (1535)        |
| Microchip | ATUC128D3 (ISP-JTAG)     | (138)         |
| Microchip | ATUC128D3 [QFN64]        | (2384)        |
| Microchip | ATUC128D3 [TQFP64]       | (1453)        |
| Microchip | ATUC128D4 (ISP-JTAG)     | (138)         |
| Microchip | ATUC128D4 [QFN48]        | (567)         |
| Microchip | ATUC128D4 [TQFP48]       | (174)         |
| Microchip | ATUC128L3U (ISP-JTAG)    | (138) (9997)  |
| Microchip | ATUC128L3U [QFN64]       | (3013)        |
| Microchip | ATUC128L3U [TQFP64]      | (2968)        |
| Microchip | ATUC128L4U (ISP-JTAG)    | (138) (9997)  |
| Microchip | ATUC128L4U [QFN48]       | (2759)        |
| Microchip | ATUC128L4U [TLLGA48]     | (2760)        |
| Microchip | ATUC128L4U [TQFP48]      | (2758)        |
| Microchip | ATUC256L3U (ISP-JTAG)    | (138) (9997)  |
| Microchip | ATUC256L3U [QFN64]       | (3013)        |
| Microchip | ATUC256L3U [TQFP64]      | (2968)        |
| Microchip | ATUC256L4U (ISP-JTAG)    | (138) (9997)  |
| Microchip | ATUC256L4U [QFN48]       | (2759)        |
| Microchip | ATUC256L4U [TLLGA48]     | (2760)        |
| Microchip | ATUC256L4U [TQFP48]      | (2758)        |
| Microchip | ATUC64D3 (ISP-JTAG)      | (138)         |
| Microchip | ATUC64D3 [QFN64]         | (2384)        |
| Microchip | ATUC64D3 [TQFP64]        | (1453)        |
| Microchip | ATUC64D4 (ISP-JTAG)      | (138)         |
| Microchip | ATUC64D4 [QFN48]         | (567)         |
| Microchip | ATUC64D4 [TQFP48]        | (174)         |
| Microchip | ATUC64L3U (ISP-JTAG)     | (138) (9997)  |
| Microchip | ATUC64L3U [QFN64]        | (3013)        |
| Microchip | ATUC64L3U [TQFP64]       | (2968)        |
| Microchip | ATUC64L4U (ISP-JTAG)     | (138) (9997)  |
| Microchip | ATUC64L4U [QFN48]        | (2759)        |
| Microchip | ATUC64L4U [TLLGA48]      | (2760)        |
| Microchip | ATUC64L4U [TQFP48]       | (2758)        |
| Microchip | ATxmega128A1 (ISP-JTAG)  | (138)         |
| Microchip | ATxmega128A1 (ISP-PDI)   | (1433)        |
| Microchip | ATxmega128A1 [CBGA100]   | (1538)        |
| Microchip | ATxmega128A1 [TQFP100]   | (1450)        |
| Microchip | ATxmega128A1 [VFBGA100]  | (1536)        |
| Microchip | ATxmega128A1U (ISP-JTAG) | (138)         |
| Microchip | ATxmega128A1U (ISP-PDI)  | (1433)        |
| Microchip | ATxmega128A1U [BGA100]   | (1538)        |
| Microchip | ATxmega128A1U [TQFP100]  | (1450)        |
| Microchip | ATxmega128A1U [VFBGA100] | (1536)        |
| Microchip | ATxmega128A3 (ISP-JTAG)  | (138)         |
| Microchip | ATxmega128A3 (ISP-PDI)   | (1433)        |
| Microchip | ATxmega128A3 [QFN64]     | (3091)        |
| Microchip | ATxmega128A3 [TQFP64]    | (1309)        |
| Microchip | ATxmega128A3U (ISP-JTAG) | (138)         |
| Microchip | ATxmega128A3U (ISP-PDI)  | (1433)        |
| Microchip | ATxmega128A3U [QFN64]    | (3091)        |
| Microchip | ATxmega128A3U [TQFP64]   | (1309)        |
| Microchip | ATxmega128A4 (ISP-PDI)   | (1433)        |
| Microchip | ATxmega128A4 [TQFP44]    | (1454)        |
| Microchip | ATxmega128A4 [VQFN44]    | (1455)        |
| Microchip | ATxmega128A4U (ISP-PDI)  | (1433)        |
| Microchip | ATxmega128A4U [TQFP44]   | (1454)        |
| Microchip | ATxmega128A4U [VFBGA49]  | (1537)        |
| Microchip | ATxmega128A4U [VQFN44]   | (1455)        |
| Microchip | ATxmega128B1 (ISP-PDI)   | (1433)        |
| Microchip | ATxmega128B1 [TQFP100]   | (2715)        |
| Microchip | ATxmega128B1 [VFBGA100]  | (3187)        |
| Microchip | ATxmega128B3 (ISP-PDI)   | (1433)        |
| Microchip | ATxmega128B3 [DRQFN64]   | (3186)        |
| Microchip | ATxmega128B3 [QFN64]     | (2826)        |
| Microchip | ATxmega128B3 [TQFP64]    | (2714)        |
| Microchip | ATxmega128C3 (ISP-PDI)   | (1433)        |
| Microchip | ATxmega128C3 [TQFP64]    | (1309)        |
| Microchip | ATxmega128C3 [VQFN64]    | (3091)        |
| Microchip | ATxmega128D3 (ISP-PDI)   | (1433)        |
| Microchip | ATxmega128D3 [QFN64]     | (3091)        |
| Microchip | ATxmega128D3 [TQFP64]    | (1309)        |
| Microchip | ATxmega128D4 (ISP-PDI)   | (1433)        |
| Microchip | ATxmega128D4 [TQFP44]    | (1454)        |
| Microchip | ATxmega128D4 [VFBGA49]   | (1537)        |
| Microchip | ATxmega128D4 [VQFN44]    | (1455)        |
| Microchip | ATxmega16A4 (ISP-PDI)    | (1433)        |
| Microchip | ATxmega16A4 [TQFP44]     | (1454)        |
| Microchip | ATxmega16A4 [VFBGA49]    | (1537)        |
| Microchip | ATxmega16A4 [VQFN44]     | (1455)        |
| Microchip | ATxmega16A4U (ISP-PDI)   | (1433)        |
| Microchip | ATxmega16A4U [TQFP44]    | (1454)        |
| Microchip | ATxmega16A4U [VFBGA49]   | (1537)        |
| Microchip | ATxmega16A4U [VQFN44]    | (1455)        |
| Microchip | ATxmega16C4 (ISP-PDI)    | (1433) (9997) |
| Microchip | ATxmega16C4 [TQFP44]     | (1454)        |
| Microchip | ATxmega16C4 [VFBGA49]    | (1537)        |
| Microchip | ATxmega16C4 [VQFN44]     | (1455)        |
| Microchip | ATxmega16D4 (ISP-PDI)    | (1433)        |
| Microchip | ATxmega16D4 [TQFP44]     | (1454)        |
| Microchip | ATxmega16D4 [VFBGA49]    | (1537)        |
| Microchip | ATxmega16D4 [VQFN44]     | (1455)        |
| Microchip | ATxmega16E5 (ISP-PDI)    | (1433) (9997) |
| Microchip | ATxmega16E5 [TQFP32]     | (2906)        |
| Microchip | ATxmega16E5 [UQFN32]     | (3117)        |
| Microchip | ATxmega16E5 [VQFN32]     | (3116)        |
| Microchip | ATxmega192A1 (ISP-JTAG)  | (138)         |
| Microchip | ATxmega192A1 (ISP-PDI)   | (1433)        |
| Microchip | ATxmega192A1 [CBGA100]   | (1538)        |
| Microchip | ATxmega192A1 [TQFP100]   | (1450)        |
| Microchip | ATxmega192A3 (ISP-JTAG)  | (138)         |
| Microchip | ATxmega192A3 (ISP-PDI)   | (1433)        |
| Microchip | ATxmega192A3 [QFN64]     | (3091)        |
| Microchip | ATxmega192A3 [TQFP64]    | (1309)        |
| Microchip | ATxmega192A3U (ISP-JTAG) | (138)         |
| Microchip | ATxmega192A3U (ISP-PDI)  | (1433)        |
| Microchip | ATxmega192A3U [QFN64]    | (3091)        |
| Microchip | ATxmega192A3U [TQFP64]   | (1309)        |
| Microchip | ATxmega192C3 (ISP-PDI)   | (1433)        |
| Microchip | ATxmega192C3 [TQFP64]    | (1309)        |
| Microchip | ATxmega192C3 [VQFN64]    | (3091)        |

|           |                |                    |               |
|-----------|----------------|--------------------|---------------|
| Microchip | ATxmega192D3   | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega192D3   | [QFN64]            | (3091)        |
| Microchip | ATxmega192D3   | [TQFP64]           | (1309)        |
| Microchip | ATxmega256A1   | (ISP-JTAG)         | (138)         |
| Microchip | ATxmega256A1   | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega256A1   | [CBGA100]          | (1538)        |
| Microchip | ATxmega256A1   | [TQFP100]          | (1450)        |
| Microchip | ATxmega256A3   | (ISP-JTAG)         | (138)         |
| Microchip | ATxmega256A3   | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega256A3   | [QFN64]            | (3091)        |
| Microchip | ATxmega256A3   | [TQFP64]           | (1309)        |
| Microchip | ATxmega256A3B  | (ISP-JTAG)         | (138)         |
| Microchip | ATxmega256A3B  | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega256A3B  | [QFN64]            | (3091)        |
| Microchip | ATxmega256A3B  | [TQFP64]           | (1309)        |
| Microchip | ATxmega256A3BU | (ISP-JTAG)         | (138)         |
| Microchip | ATxmega256A3BU | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega256A3BU | [QFN64]            | (3091)        |
| Microchip | ATxmega256A3BU | [TQFP64]           | (1309)        |
| Microchip | ATxmega256A3U  | (ISP-JTAG)         | (138)         |
| Microchip | ATxmega256A3U  | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega256A3U  | [QFN64]            | (3091)        |
| Microchip | ATxmega256A3U  | [TQFP64]           | (1309)        |
| Microchip | ATxmega256C3   | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega256C3   | [TQFP64]           | (1309)        |
| Microchip | ATxmega256C3   | [VQFN64]           | (3091)        |
| Microchip | ATxmega256D3   | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega256D3   | [QFN64]            | (3091)        |
| Microchip | ATxmega256D3   | [TQFP64]           | (1309)        |
| Microchip | ATxmega32A4    | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega32A4    | [TQFP44]           | (1454)        |
| Microchip | ATxmega32A4    | [VFBGA49]          | (1537)        |
| Microchip | ATxmega32A4    | [VQFN44]           | (1455)        |
| Microchip | ATxmega32A4U   | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega32A4U   | [TQFP44]           | (1454)        |
| Microchip | ATxmega32A4U   | [VFBGA49]          | (1537)        |
| Microchip | ATxmega32A4U   | [VQFN44]           | (1455)        |
| Microchip | ATxmega32C3    | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega32C3    | [TQFP64]           | (1309)        |
| Microchip | ATxmega32C3    | [VQFN64]           | (3091)        |
| Microchip | ATxmega32C4    | (ISP-PDI)          | (1433) (9997) |
| Microchip | ATxmega32C4    | [TQFP44]           | (1454)        |
| Microchip | ATxmega32C4    | [VFBGA49]          | (1537)        |
| Microchip | ATxmega32C4    | [VQFN44]           | (1455)        |
| Microchip | ATxmega32D3    | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega32D3    | [QFN64]            | (3091)        |
| Microchip | ATxmega32D3    | [TQFP64]           | (1309)        |
| Microchip | ATxmega32D4    | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega32D4    | [TQFP44]           | (1454)        |
| Microchip | ATxmega32D4    | [VFBGA49]          | (1537)        |
| Microchip | ATxmega32D4    | [VQFN44]           | (1455)        |
| Microchip | ATxmega32D4P   | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega32D4P   | [TQFP44]           | (1454)        |
| Microchip | ATxmega32D4P   | [VFBGA49]          | (1537)        |
| Microchip | ATxmega32D4P   | [VQFN44]           | (1455)        |
| Microchip | ATxmega32E5    | (ISP-PDI)          | (1433) (9997) |
| Microchip | ATxmega32E5    | [TQFP32]           | (2906)        |
| Microchip | ATxmega32E5    | [UQFN32]           | (3117)        |
| Microchip | ATxmega32E5    | [VQFN32]           | (3116)        |
| Microchip | ATxmega384C3   | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega384C3   | [TQFP64]           | (1309)        |
| Microchip | ATxmega384C3   | [VQFN64]           | (3091)        |
| Microchip | ATxmega384D3   | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega384D3   | [QFN64]            | (3091)        |
| Microchip | ATxmega384D3   | [TQFP64]           | (1309)        |
| Microchip | ATxmega64A1    | (ISP-JTAG)         | (138)         |
| Microchip | ATxmega64A1    | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega64A1    | [CBGA100]          | (1538)        |
| Microchip | ATxmega64A1    | [TQFP100]          | (1450)        |
| Microchip | ATxmega64A1    | [VFBGA100]         | (1536)        |
| Microchip | ATxmega64A1U   | (ISP-JTAG)         | (138)         |
| Microchip | ATxmega64A1U   | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega64A1U   | [BGA100]           | (1538)        |
| Microchip | ATxmega64A1U   | [TQFP100]          | (1450)        |
| Microchip | ATxmega64A1U   | [VFBGA100]         | (1536)        |
| Microchip | ATxmega64A3    | (ISP-JTAG)         | (138)         |
| Microchip | ATxmega64A3    | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega64A3    | [QFN64]            | (3091)        |
| Microchip | ATxmega64A3    | [TQFP64]           | (1309)        |
| Microchip | ATxmega64A3U   | (ISP-JTAG)         | (138)         |
| Microchip | ATxmega64A3U   | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega64A3U   | [QFN64]            | (3091)        |
| Microchip | ATxmega64A3U   | [TQFP64]           | (1309)        |
| Microchip | ATxmega64A4    | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega64A4    | [TQFP44]           | (1454)        |
| Microchip | ATxmega64A4    | [VQFN44]           | (1455)        |
| Microchip | ATxmega64A4U   | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega64A4U   | [TQFP44]           | (1454)        |
| Microchip | ATxmega64A4U   | [VFBGA49]          | (1537)        |
| Microchip | ATxmega64A4U   | [VQFN44]           | (1455)        |
| Microchip | ATxmega64B1    | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega64B1    | [TQFP100]          | (2715)        |
| Microchip | ATxmega64B1    | [VFBGA100]         | (3187)        |
| Microchip | ATxmega64B3    | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega64B3    | [QFN64]            | (2826)        |
| Microchip | ATxmega64B3    | [TQFP64]           | (2714)        |
| Microchip | ATxmega64C3    | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega64C3    | [TQFP64]           | (1309)        |
| Microchip | ATxmega64C3    | [VQFN64]           | (3091)        |
| Microchip | ATxmega64D3    | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega64D3    | [QFN64]            | (3091)        |
| Microchip | ATxmega64D3    | [TQFP64]           | (1309)        |
| Microchip | ATxmega64D3    | [TQFP64] (MF pkg.) | (3153)        |
| Microchip | ATxmega64D4    | (ISP-PDI)          | (1433)        |
| Microchip | ATxmega64D4    | [TQFP44]           | (1454)        |
| Microchip | ATxmega64D4    | [VFBGA49]          | (1537)        |
| Microchip | ATxmega64D4    | [VQFN44]           | (1455)        |
| Microchip | ATxmega8E5     | (ISP-PDI)          | (1433) (9997) |
| Microchip | ATxmega8E5     | [TQFP32]           | (2906)        |
| Microchip | ATxmega8E5     | [UQFN32]           | (3117)        |
| Microchip | ATxmega8E5     | [VQFN32]           | (3116)        |
| Microchip | CF745          |                    |               |
| Microchip | CF745 [SOIC18] |                    | (1061)        |
| Microchip | CF775          |                    |               |
| Microchip | CF775 [SOIC28] |                    | (51)          |
| Microchip | dsPIC30F1010   |                    |               |
| Microchip | dsPIC30F1010   | (ISP)              | (138)         |
| Microchip | dsPIC30F1010   | (ISP-ext. VDD)     | (138)         |
| Microchip | dsPIC30F1010   | [QFN28]            | (635)         |
| Microchip | dsPIC30F1010   | [SOIC28]           | (51)          |
| Microchip | dsPIC30F2010   |                    |               |
| Microchip | dsPIC30F2010   | (ISP)              | (138)         |
| Microchip | dsPIC30F2010   | (ISP-ext. VDD)     | (138)         |
| Microchip | dsPIC30F2010   | [QFN28]            | (635)         |
| Microchip | dsPIC30F2010   | [SOIC28]           | (51)          |
| Microchip | dsPIC30F2011   |                    |               |
| Microchip | dsPIC30F2011   | (ISP)              | (138)         |
| Microchip | dsPIC30F2011   | (ISP-ext. VDD)     | (138)         |



|           |                   |                |              |
|-----------|-------------------|----------------|--------------|
| Microchip | dsPIC30F2011      | [QFN28]        | (635)        |
| Microchip | dsPIC30F2011      | [SOIC18]       | (1061)       |
| Microchip | dsPIC30F2012      |                |              |
| Microchip | dsPIC30F2012      | (ISP)          | (138)        |
| Microchip | dsPIC30F2012      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F2012      | [QFN28]        | (635)        |
| Microchip | dsPIC30F2012      | [SOIC28]       | (51)         |
| Microchip | dsPIC30F2020      |                |              |
| Microchip | dsPIC30F2020      | (ISP)          | (138)        |
| Microchip | dsPIC30F2020      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F2020      | [QFN28]        | (635)        |
| Microchip | dsPIC30F2020      | [SOIC28]       | (51)         |
| Microchip | dsPIC30F2023      | (ISP)          | (138)        |
| Microchip | dsPIC30F2023      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F2023      | [QFN44]        | (646)        |
| Microchip | dsPIC30F2023      | [TQFP44]       | (94)         |
| Microchip | dsPIC30F3010      |                |              |
| Microchip | dsPIC30F3010      | (ISP)          | (138)        |
| Microchip | dsPIC30F3010      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F3010      | [QFN44]        | (646)        |
| Microchip | dsPIC30F3010      | [SOIC28]       | (51)         |
| Microchip | dsPIC30F3011      |                |              |
| Microchip | dsPIC30F3011      | (ISP)          | (138)        |
| Microchip | dsPIC30F3011      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F3011      | [QFN44]        | (646)        |
| Microchip | dsPIC30F3011      | [TQFP44]       | (94)         |
| Microchip | dsPIC30F3012      |                |              |
| Microchip | dsPIC30F3012      | (ISP)          | (138)        |
| Microchip | dsPIC30F3012      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F3012      | [QFN44]        | (646)        |
| Microchip | dsPIC30F3012      | [SOIC18]       | (1061)       |
| Microchip | dsPIC30F3013      |                |              |
| Microchip | dsPIC30F3013      | (ISP)          | (138)        |
| Microchip | dsPIC30F3013      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F3013      | [QFN44]        | (646)        |
| Microchip | dsPIC30F3013      | [SOIC28]       | (51)         |
| Microchip | dsPIC30F3014      |                |              |
| Microchip | dsPIC30F3014      | (ISP)          | (138)        |
| Microchip | dsPIC30F3014      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F3014      | [QFN44]        | (646)        |
| Microchip | dsPIC30F3014      | [TQFP44]       | (94)         |
| Microchip | dsPIC30F4011      |                |              |
| Microchip | dsPIC30F4011      | (ISP)          | (138)        |
| Microchip | dsPIC30F4011      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F4011      | [QFN44]        | (646)        |
| Microchip | dsPIC30F4011      | [TQFP44]       | (94)         |
| Microchip | dsPIC30F4012      |                |              |
| Microchip | dsPIC30F4012      | (ISP)          | (138)        |
| Microchip | dsPIC30F4012      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F4012      | [QFN44]        | (646)        |
| Microchip | dsPIC30F4012      | [SOIC28]       | (51)         |
| Microchip | dsPIC30F4013      |                |              |
| Microchip | dsPIC30F4013      | (ISP)          | (138)        |
| Microchip | dsPIC30F4013      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F4013      | [QFN44]        | (646)        |
| Microchip | dsPIC30F4013      | [TQFP44]       | (94)         |
| Microchip | dsPIC30F5011      | (ISP)          | (138)        |
| Microchip | dsPIC30F5011      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F5011      | [TQFP64]       | (104)        |
| Microchip | dsPIC30F5013      | (ISP)          | (138)        |
| Microchip | dsPIC30F5013      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F5013      | [TQFP80]       | (237)        |
| Microchip | dsPIC30F5015      | (ISP)          | (138)        |
| Microchip | dsPIC30F5015      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F5015      | [TQFP64]       | (104)        |
| Microchip | dsPIC30F5016      | (ISP)          | (138)        |
| Microchip | dsPIC30F5016      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F5016      | [TQFP80]       | (237)        |
| Microchip | dsPIC30F6010      | (ISP)          | (138)        |
| Microchip | dsPIC30F6010      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F6010      | [TQFP80]       | (781)        |
| Microchip | dsPIC30F6010A     | (ISP)          | (138)        |
| Microchip | dsPIC30F6010A     | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F6010A     | [TQFP80 12x12] | (237)        |
| Microchip | dsPIC30F6010A     | [TQFP80 14x14] | (781)        |
| Microchip | dsPIC30F6011      | (ISP)          | (138)        |
| Microchip | dsPIC30F6011      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F6011      | [TQFP64]       | (897)        |
| Microchip | dsPIC30F6011A     | (ISP)          | (138)        |
| Microchip | dsPIC30F6011A     | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F6011A     | [TQFP64 10x10] | (104)        |
| Microchip | dsPIC30F6011A     | [TQFP64 14x14] | (897)        |
| Microchip | dsPIC30F6012      | (ISP)          | (138)        |
| Microchip | dsPIC30F6012      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F6012      | [TQFP64]       | (897)        |
| Microchip | dsPIC30F6012A     | (ISP)          | (138)        |
| Microchip | dsPIC30F6012A     | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F6012A     | [TQFP64 10x10] | (104)        |
| Microchip | dsPIC30F6012A     | [TQFP64 14x14] | (897)        |
| Microchip | dsPIC30F6013      | (ISP)          | (138)        |
| Microchip | dsPIC30F6013      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F6013      | [TQFP80]       | (781)        |
| Microchip | dsPIC30F6013A     | (ISP)          | (138)        |
| Microchip | dsPIC30F6013A     | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F6013A     | [TQFP80 12x12] | (237)        |
| Microchip | dsPIC30F6013A     | [TQFP80 14x14] | (781)        |
| Microchip | dsPIC30F6014      | (ISP)          | (138)        |
| Microchip | dsPIC30F6014      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F6014      | [TQFP80]       | (781)        |
| Microchip | dsPIC30F6014A     | (ISP)          | (138)        |
| Microchip | dsPIC30F6014A     | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F6014A     | [TQFP80 12x12] | (237)        |
| Microchip | dsPIC30F6014A     | [TQFP80 14x14] | (781)        |
| Microchip | dsPIC30F6015      | (ISP)          | (138)        |
| Microchip | dsPIC30F6015      | (ISP-ext. VDD) | (138)        |
| Microchip | dsPIC30F6015      | [TQFP64]       | (104)        |
| Microchip | dsPIC33CH128MP202 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH128MP202 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH128MP202 | [SSOP28]       | (2591)       |
| Microchip | dsPIC33CH128MP202 | [UQFN28 6x6]   | (2594)       |
| Microchip | dsPIC33CH128MP203 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH128MP203 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH128MP203 | [UQFN36 5x5]   | (4959)       |
| Microchip | dsPIC33CH128MP205 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH128MP205 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH128MP205 | [TQFP48]       | (174)        |
| Microchip | dsPIC33CH128MP205 | [UQFN48 6x6]   | (2312)       |
| Microchip | dsPIC33CH128MP206 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH128MP206 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH128MP206 | [QFN64 9x9]    | (4578)       |
| Microchip | dsPIC33CH128MP206 | [TQFP64]       | (4575)       |
| Microchip | dsPIC33CH128MP208 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH128MP208 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH128MP208 | [TQFP80]       | (5009)       |
| Microchip | dsPIC33CH128MP502 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH128MP502 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH128MP502 | [SSOP28]       | (2591)       |
| Microchip | dsPIC33CH128MP502 | [UQFN28 6x6]   | (2594)       |

|           |                   |                |              |
|-----------|-------------------|----------------|--------------|
| Microchip | dsPIC33CH128MP503 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH128MP503 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH128MP503 | [UQFN36 5x5]   | (4959)       |
| Microchip | dsPIC33CH128MP505 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH128MP505 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH128MP505 | [TQFP48]       | (174)        |
| Microchip | dsPIC33CH128MP505 | [UQFN48 6x6]   | (2312)       |
| Microchip | dsPIC33CH128MP506 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH128MP506 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH128MP506 | [QFN64 9x9]    | (4578)       |
| Microchip | dsPIC33CH128MP506 | [TQFP64]       | (4575)       |
| Microchip | dsPIC33CH128MP508 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH128MP508 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH128MP508 | [TQFP80]       | (5009)       |
| Microchip | dsPIC33CH64MP202  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH64MP202  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH64MP202  | [SSOP28]       | (2591)       |
| Microchip | dsPIC33CH64MP202  | [UQFN28 6x6]   | (2594)       |
| Microchip | dsPIC33CH64MP203  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH64MP203  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH64MP203  | [UQFN36 5x5]   | (4959)       |
| Microchip | dsPIC33CH64MP205  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH64MP205  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH64MP205  | [TQFP48]       | (174)        |
| Microchip | dsPIC33CH64MP205  | [UQFN48 6x6]   | (2312)       |
| Microchip | dsPIC33CH64MP206  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH64MP206  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH64MP206  | [QFN64 9x9]    | (4578)       |
| Microchip | dsPIC33CH64MP206  | [TQFP64]       | (4575)       |
| Microchip | dsPIC33CH64MP208  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH64MP208  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH64MP208  | [TQFP80]       | (5009)       |
| Microchip | dsPIC33CH64MP502  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH64MP502  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH64MP502  | [SSOP28]       | (2591)       |
| Microchip | dsPIC33CH64MP502  | [UQFN28 6x6]   | (2594)       |
| Microchip | dsPIC33CH64MP503  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH64MP503  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH64MP503  | [UQFN36 5x5]   | (4959)       |
| Microchip | dsPIC33CH64MP505  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH64MP505  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH64MP505  | [TQFP48]       | (174)        |
| Microchip | dsPIC33CH64MP505  | [UQFN48 6x6]   | (2312)       |
| Microchip | dsPIC33CH64MP506  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH64MP506  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH64MP506  | [QFN64 9x9]    | (4578)       |
| Microchip | dsPIC33CH64MP506  | [TQFP64]       | (4575)       |
| Microchip | dsPIC33CH64MP508  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33CH64MP508  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33CH64MP508  | [TQFP80]       | (5009)       |
| Microchip | dsPIC33EP128GM304 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128GM304 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128GM304 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP128GM304 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP128GM306 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128GM306 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128GM306 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP128GM306 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP128GM310 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128GM310 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128GM310 | [TQFP100-1]    | (2792)       |
| Microchip | dsPIC33EP128GM310 | [TQFP100-2]    | (2793)       |
| Microchip | dsPIC33EP128GM604 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128GM604 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128GM604 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP128GM604 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP128GM706 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128GM706 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128GM706 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP128GM706 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP128GM710 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128GM710 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128GM710 | [TQFP100-1]    | (2792)       |
| Microchip | dsPIC33EP128GM710 | [TQFP100-2]    | (2793)       |
| Microchip | dsPIC33EP128GP502 | (ISP)          | (2589)       |
| Microchip | dsPIC33EP128GP502 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128GP502 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128GP502 | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP128GP502 | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP128GP502 | [SSOP28]       | (2591)       |
| Microchip | dsPIC33EP128GP504 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128GP504 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128GP504 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP128GP504 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP128GP504 | [UQFN48]       | (2597)       |
| Microchip | dsPIC33EP128GP504 | [VTLA44]       | (3431)       |
| Microchip | dsPIC33EP128GP506 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128GP506 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128GP506 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP128GP506 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP128MC202 | (ISP)          | (2589)       |
| Microchip | dsPIC33EP128MC202 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128MC202 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128MC202 | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP128MC202 | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP128MC202 | [SSOP28]       | (2591)       |
| Microchip | dsPIC33EP128MC204 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128MC204 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128MC204 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP128MC204 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP128MC204 | [UQFN48]       | (2597)       |
| Microchip | dsPIC33EP128MC204 | [VTLA44]       | (3431)       |
| Microchip | dsPIC33EP128MC206 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128MC206 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128MC206 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP128MC206 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP128MC502 | (ISP)          | (2589)       |
| Microchip | dsPIC33EP128MC502 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128MC502 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128MC502 | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP128MC502 | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP128MC502 | [SSOP28]       | (2591)       |
| Microchip | dsPIC33EP128MC504 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128MC504 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128MC504 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP128MC504 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP128MC504 | [UQFN48]       | (2597)       |
| Microchip | dsPIC33EP128MC504 | [VTLA44]       | (3431)       |
| Microchip | dsPIC33EP128MC506 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP128MC506 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP128MC506 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP128MC506 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP16GS202  | (ISP)          | (2589)       |
| Microchip | dsPIC33EP16GS202  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP16GS202  | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP16GS202  | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP16GS202  | [SSOP28]       | (2591)       |
| Microchip | dsPIC33EP16GS202  | [UQFN28 4x4]   | (3641)       |

|           |                   |                |              |
|-----------|-------------------|----------------|--------------|
| Microchip | dsPIC33EP16GS202  | [UQFN28 6x6]   | (3642)       |
| Microchip | dsPIC33EP16GS502  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP16GS502  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP16GS502  | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP16GS502  | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP16GS502  | [UQFN28]       | (3642)       |
| Microchip | dsPIC33EP16GS504  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP16GS504  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP16GS504  | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP16GS504  | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP16GS505  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP16GS505  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP16GS505  | [TQFP48]       | (4115)       |
| Microchip | dsPIC33EP16GS506  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP16GS506  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP16GS506  | [TQFP64]       | (4112)       |
| Microchip | dsPIC33EP256GM304 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256GM304 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256GM304 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP256GM304 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP256GM306 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256GM306 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256GM306 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP256GM306 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP256GM310 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256GM310 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256GM310 | [TQFP100-1]    | (2792)       |
| Microchip | dsPIC33EP256GM310 | [TQFP100-2]    | (2793)       |
| Microchip | dsPIC33EP256GM604 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256GM604 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256GM604 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP256GM604 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP256GM706 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256GM706 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256GM706 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP256GM706 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP256GM710 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256GM710 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256GM710 | [TQFP100-1]    | (2792)       |
| Microchip | dsPIC33EP256GM710 | [TQFP100-2]    | (2793)       |
| Microchip | dsPIC33EP256GP502 | (ISP)          | (2589)       |
| Microchip | dsPIC33EP256GP502 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256GP502 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256GP502 | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP256GP502 | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP256GP502 | [SSOP28]       | (2591)       |
| Microchip | dsPIC33EP256GP504 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256GP504 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256GP504 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP256GP504 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP256GP504 | [UQFN48]       | (2597)       |
| Microchip | dsPIC33EP256GP504 | [VTLA44]       | (3431)       |
| Microchip | dsPIC33EP256GP506 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256GP506 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256GP506 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP256GP506 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP256MC202 | (ISP)          | (2589)       |
| Microchip | dsPIC33EP256MC202 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256MC202 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256MC202 | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP256MC202 | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP256MC202 | [SSOP28]       | (2591)       |
| Microchip | dsPIC33EP256MC204 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256MC204 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256MC204 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP256MC204 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP256MC204 | [UQFN48]       | (2597)       |
| Microchip | dsPIC33EP256MC204 | [VTLA44]       | (3431)       |
| Microchip | dsPIC33EP256MC206 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256MC206 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256MC206 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP256MC206 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP256MC502 | (ISP)          | (2589)       |
| Microchip | dsPIC33EP256MC502 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256MC502 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256MC502 | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP256MC502 | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP256MC502 | [SSOP28]       | (2591)       |
| Microchip | dsPIC33EP256MC504 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256MC504 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256MC504 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP256MC504 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP256MC504 | [UQFN48]       | (2597)       |
| Microchip | dsPIC33EP256MC504 | [VTLA44]       | (3431)       |
| Microchip | dsPIC33EP256MC506 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256MC506 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256MC506 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP256MC506 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP256MU806 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256MU806 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256MU806 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP256MU806 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP256MU810 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256MU810 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256MU810 | [TFBGA121]     | (1467)       |
| Microchip | dsPIC33EP256MU810 | [TQFP100-1]    | (2792)       |
| Microchip | dsPIC33EP256MU810 | [TQFP100-2]    | (2793)       |
| Microchip | dsPIC33EP256MU814 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP256MU814 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP256MU814 | [LQFP144]      | (2794)       |
| Microchip | dsPIC33EP256MU814 | [TQFP144]      | (2795)       |
| Microchip | dsPIC33EP32GP502  | (ISP)          | (2589)       |
| Microchip | dsPIC33EP32GP502  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32GP502  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32GP502  | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP32GP502  | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP32GP502  | [SSOP28]       | (2591)       |
| Microchip | dsPIC33EP32GP503  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32GP503  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32GP503  | [VTLA36]       | (3430)       |
| Microchip | dsPIC33EP32GP504  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32GP504  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32GP504  | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP32GP504  | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP32GP504  | [UQFN48]       | (2597)       |
| Microchip | dsPIC33EP32GP504  | [VTLA44]       | (3431)       |
| Microchip | dsPIC33EP32GS202  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32GS202  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32GS202  | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP32GS202  | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP32GS202  | [SSOP28]       | (2591)       |
| Microchip | dsPIC33EP32GS202  | [UQFN28 4x4]   | (3641)       |
| Microchip | dsPIC33EP32GS202  | [UQFN28 6x6]   | (3642)       |
| Microchip | dsPIC33EP32GS502  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32GS502  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32GS502  | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP32GS502  | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP32GS502  | [UQFN28]       | (3642)       |

|           |                   |                |              |
|-----------|-------------------|----------------|--------------|
| Microchip | dsPIC33EP32GS504  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32GS504  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32GS504  | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP32GS504  | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP32GS505  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32GS505  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32GS505  | [TQFP48]       | (4115)       |
| Microchip | dsPIC33EP32GS506  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32GS506  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32GS506  | [TQFP64]       | (4112)       |
| Microchip | dsPIC33EP32MC202  |                | (2589)       |
| Microchip | dsPIC33EP32MC202  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32MC202  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32MC202  | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP32MC202  | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP32MC202  | [SSOP28]       | (2591)       |
| Microchip | dsPIC33EP32MC203  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32MC203  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32MC203  | [VTLA36]       | (3430)       |
| Microchip | dsPIC33EP32MC204  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32MC204  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32MC204  | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP32MC204  | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP32MC204  | [UQFN48]       | (2597)       |
| Microchip | dsPIC33EP32MC204  | [VTLA44]       | (3431)       |
| Microchip | dsPIC33EP32MC502  |                | (2589)       |
| Microchip | dsPIC33EP32MC502  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32MC502  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32MC502  | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP32MC502  | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP32MC502  | [SSOP28]       | (2591)       |
| Microchip | dsPIC33EP32MC503  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32MC503  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32MC503  | [VTLA36]       | (3430)       |
| Microchip | dsPIC33EP32MC504  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP32MC504  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP32MC504  | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP32MC504  | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP32MC504  | [UQFN48]       | (2597)       |
| Microchip | dsPIC33EP32MC504  | [VTLA44]       | (3431)       |
| Microchip | dsPIC33EP512GM304 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512GM304 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512GM304 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP512GM304 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP512GM306 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512GM306 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512GM306 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP512GM306 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP512GM310 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512GM310 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512GM310 | [TQFP100-1]    | (2792)       |
| Microchip | dsPIC33EP512GM310 | [TQFP100-2]    | (2793)       |
| Microchip | dsPIC33EP512GM604 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512GM604 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512GM604 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP512GM604 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP512GM706 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512GM706 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512GM706 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP512GM706 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP512GM710 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512GM710 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512GM710 | [TQFP100-1]    | (2792)       |
| Microchip | dsPIC33EP512GM710 | [TQFP100-2]    | (2793)       |
| Microchip | dsPIC33EP512GP502 |                | (2589)       |
| Microchip | dsPIC33EP512GP502 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512GP502 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512GP502 | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP512GP502 | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP512GP504 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512GP504 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512GP504 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP512GP504 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP512GP504 | [UQFN48]       | (2597)       |
| Microchip | dsPIC33EP512GP506 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512GP506 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512GP506 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP512GP506 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP512GP806 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512GP806 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512GP806 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP512GP806 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP512MC502 |                | (2589)       |
| Microchip | dsPIC33EP512MC502 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512MC502 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512MC502 | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP512MC502 | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP512MC504 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512MC504 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512MC504 | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP512MC504 | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP512MC504 | [UQFN48]       | (2597)       |
| Microchip | dsPIC33EP512MC506 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512MC506 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512MC506 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP512MC506 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP512MC806 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512MC806 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512MC806 | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP512MC806 | [TQFP64]       | (2791)       |
| Microchip | dsPIC33EP512MU810 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512MU810 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512MU810 | [TFBGA121]     | (1467)       |
| Microchip | dsPIC33EP512MU810 | [TQFP100-1]    | (2792)       |
| Microchip | dsPIC33EP512MU810 | [TQFP100-2]    | (2793)       |
| Microchip | dsPIC33EP512MU814 | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP512MU814 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP512MU814 | [LQFP144]      | (2794)       |
| Microchip | dsPIC33EP512MU814 | [TQFP144]      | (2795)       |
| Microchip | dsPIC33EP64GP502  |                | (2589)       |
| Microchip | dsPIC33EP64GP502  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP64GP502  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP64GP502  | [QFN-S28]      | (2594)       |
| Microchip | dsPIC33EP64GP502  | [SOIC28]       | (2593)       |
| Microchip | dsPIC33EP64GP502  | [SSOP28]       | (2591)       |
| Microchip | dsPIC33EP64GP503  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP64GP503  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP64GP503  | [VTLA36]       | (3430)       |
| Microchip | dsPIC33EP64GP504  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP64GP504  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP64GP504  | [QFN44]        | (2595)       |
| Microchip | dsPIC33EP64GP504  | [TQFP44]       | (2596)       |
| Microchip | dsPIC33EP64GP504  | [UQFN48]       | (2597)       |
| Microchip | dsPIC33EP64GP504  | [VTLA44]       | (3431)       |
| Microchip | dsPIC33EP64GP506  | (ISP)          | (138) (9997) |
| Microchip | dsPIC33EP64GP506  | (ISP-ext. VDD) | (138) (9997) |
| Microchip | dsPIC33EP64GP506  | [QFN64]        | (1458)       |
| Microchip | dsPIC33EP64GP506  | [TQFP64]       | (2791)       |

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|           |                    |               |              |
|-----------|--------------------|---------------|--------------|
| Microchip | dsPIC33EV32GM106   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33EV32GM106   | [QFN64]       | (1458)       |
| Microchip | dsPIC33EV32GM106   | [TQFP64]      | (2791)       |
| Microchip | dsPIC33EV64GM002   |               | (2589)       |
| Microchip | dsPIC33EV64GM002   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33EV64GM002   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33EV64GM002   | [QFN-S28]     | (2594)       |
| Microchip | dsPIC33EV64GM002   | [SOIC28]      | (2593)       |
| Microchip | dsPIC33EV64GM004   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33EV64GM004   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33EV64GM004   | [QFN44]       | (2595)       |
| Microchip | dsPIC33EV64GM004   | [TQFP44]      | (2596)       |
| Microchip | dsPIC33EV64GM006   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33EV64GM006   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33EV64GM006   | [QFN64]       | (1458)       |
| Microchip | dsPIC33EV64GM006   | [TQFP64]      | (2791)       |
| Microchip | dsPIC33EV64GM102   |               | (2589)       |
| Microchip | dsPIC33EV64GM102   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33EV64GM102   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33EV64GM102   | [QFN-S28]     | (2594)       |
| Microchip | dsPIC33EV64GM102   | [SOIC28]      | (2593)       |
| Microchip | dsPIC33EV64GM104   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33EV64GM104   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33EV64GM104   | [QFN44]       | (2595)       |
| Microchip | dsPIC33EV64GM104   | [TQFP44]      | (2596)       |
| Microchip | dsPIC33EV64GM106   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33EV64GM106   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33EV64GM106   | [QFN64]       | (1458)       |
| Microchip | dsPIC33EV64GM106   | [TQFP64]      | (2791)       |
| Microchip | dsPIC33FJ06GS001   |               | (138) (9997) |
| Microchip | dsPIC33FJ06GS001   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33FJ06GS001   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33FJ06GS001   | [SOIC18]      | (1061)       |
| Microchip | dsPIC33FJ06GS001   | [SSOP20]      | (91)         |
| Microchip | dsPIC33FJ06GS101   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ06GS101   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ06GS101   | [SOIC18]      | (1061)       |
| Microchip | dsPIC33FJ06GS101A  |               | (138) (9997) |
| Microchip | dsPIC33FJ06GS101A  | (ISP)         | (138) (9997) |
| Microchip | dsPIC33FJ06GS101A  | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33FJ06GS101A  | [SOIC18]      | (1061)       |
| Microchip | dsPIC33FJ06GS101A  | [SSOP20]      | (91)         |
| Microchip | dsPIC33FJ06GS102   |               | (138)        |
| Microchip | dsPIC33FJ06GS102   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ06GS102   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ06GS102   | [QFN-S28]     | (635)        |
| Microchip | dsPIC33FJ06GS102   | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ06GS102A  |               | (138) (9997) |
| Microchip | dsPIC33FJ06GS102A  | (ISP)         | (138) (9997) |
| Microchip | dsPIC33FJ06GS102A  | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33FJ06GS102A  | [QFN-S28]     | (635)        |
| Microchip | dsPIC33FJ06GS102A  | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ06GS102A  | [SSOP28]      | (1103)       |
| Microchip | dsPIC33FJ06GS202   |               | (138)        |
| Microchip | dsPIC33FJ06GS202   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ06GS202   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ06GS202   | [QFN-S28]     | (635)        |
| Microchip | dsPIC33FJ06GS202   | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ06GS202A  |               | (138) (9997) |
| Microchip | dsPIC33FJ06GS202A  | (ISP)         | (138) (9997) |
| Microchip | dsPIC33FJ06GS202A  | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33FJ06GS202A  | [QFN-S28]     | (635)        |
| Microchip | dsPIC33FJ06GS202A  | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ06GS202A  | [SSOP28]      | (1103)       |
| Microchip | dsPIC33FJ09GS302   |               | (138)        |
| Microchip | dsPIC33FJ09GS302   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33FJ09GS302   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33FJ09GS302   | [QFN-S28]     | (635)        |
| Microchip | dsPIC33FJ09GS302   | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ09GS302   | [SSOP28]      | (1103)       |
| Microchip | dsPIC33FJ128GP202  |               | (138)        |
| Microchip | dsPIC33FJ128GP202  | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP202  | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP202  | [QFN-S28]     | (635)        |
| Microchip | dsPIC33FJ128GP202  | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ128GP204  | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP204  | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP204  | [QFN44]       | (646)        |
| Microchip | dsPIC33FJ128GP204  | [TQFP44]      | (94)         |
| Microchip | dsPIC33FJ128GP206  | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP206  | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP206  | [TQFP64]      | (691)        |
| Microchip | dsPIC33FJ128GP206A | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP206A | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP206A | [QFN64]       | (1458)       |
| Microchip | dsPIC33FJ128GP206A | [TQFP64]      | (691)        |
| Microchip | dsPIC33FJ128GP306  | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP306  | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP306  | [TQFP64]      | (691)        |
| Microchip | dsPIC33FJ128GP306A | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP306A | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP306A | [QFN64]       | (1458)       |
| Microchip | dsPIC33FJ128GP306A | [TQFP64]      | (691)        |
| Microchip | dsPIC33FJ128GP310  | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP310  | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP310  | [QFP100-1]    | (973)        |
| Microchip | dsPIC33FJ128GP310  | [QFP100-2]    | (1465)       |
| Microchip | dsPIC33FJ128GP310A | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP310A | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP310A | [QFP100-1]    | (973)        |
| Microchip | dsPIC33FJ128GP310A | [QFP100-2]    | (1465)       |
| Microchip | dsPIC33FJ128GP706  | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP706  | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP706  | [TQFP64]      | (691)        |
| Microchip | dsPIC33FJ128GP706A | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP706A | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP706A | [QFN64]       | (1458)       |
| Microchip | dsPIC33FJ128GP706A | [TQFP64]      | (691)        |
| Microchip | dsPIC33FJ128GP708  | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP708  | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP708  | [TQFP80]      | (719)        |
| Microchip | dsPIC33FJ128GP708A | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP708A | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP708A | [TQFP80]      | (719)        |
| Microchip | dsPIC33FJ128GP710  | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP710  | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP710  | [QFP100-1]    | (973)        |
| Microchip | dsPIC33FJ128GP710  | [QFP100-2]    | (1465)       |
| Microchip | dsPIC33FJ128GP710A | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP710A | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP710A | [QFP100-1]    | (973)        |
| Microchip | dsPIC33FJ128GP710A | [QFP100-2]    | (1465)       |
| Microchip | dsPIC33FJ128GP802  |               | (138)        |
| Microchip | dsPIC33FJ128GP802  | (ISP)         | (138)        |
| Microchip | dsPIC33FJ128GP802  | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ128GP802  | [QFN-S28]     | (635)        |
| Microchip | dsPIC33FJ128GP802  | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ128GP804  | (ISP)         | (138)        |

|           |                    |                |        |
|-----------|--------------------|----------------|--------|
| Microchip | dsPIC33FJ128GP804  | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128GP804  | [QFN44]        | (646)  |
| Microchip | dsPIC33FJ128GP804  | [TQFP44]       | (94)   |
| Microchip | dsPIC33FJ128MC202  |                |        |
| Microchip | dsPIC33FJ128MC202  | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC202  | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC202  | [QFN-S28]      | (635)  |
| Microchip | dsPIC33FJ128MC202  | [SOIC28]       | (51)   |
| Microchip | dsPIC33FJ128MC204  | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC204  | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC204  | [QFN44]        | (646)  |
| Microchip | dsPIC33FJ128MC204  | [TQFP44]       | (94)   |
| Microchip | dsPIC33FJ128MC506  | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC506  | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC506  | [TQFP64]       | (691)  |
| Microchip | dsPIC33FJ128MC506A | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC506A | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC506A | [QFN64]        | (1458) |
| Microchip | dsPIC33FJ128MC506A | [TQFP64]       | (691)  |
| Microchip | dsPIC33FJ128MC510  | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC510  | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC510  | [QFP100-1]     | (973)  |
| Microchip | dsPIC33FJ128MC510  | [QFP100-2]     | (1465) |
| Microchip | dsPIC33FJ128MC510A | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC510A | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC510A | [QFP100-1]     | (973)  |
| Microchip | dsPIC33FJ128MC510A | [QFP100-2]     | (1465) |
| Microchip | dsPIC33FJ128MC706  | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC706  | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC706  | [TQFP64]       | (691)  |
| Microchip | dsPIC33FJ128MC706A | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC706A | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC706A | [QFN64]        | (1458) |
| Microchip | dsPIC33FJ128MC706A | [TQFP64]       | (691)  |
| Microchip | dsPIC33FJ128MC708  | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC708  | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC708  | [TQFP80]       | (719)  |
| Microchip | dsPIC33FJ128MC708A | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC708A | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC708A | [TQFP80]       | (719)  |
| Microchip | dsPIC33FJ128MC710  | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC710  | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC710  | [QFP100-1]     | (973)  |
| Microchip | dsPIC33FJ128MC710  | [QFP100-2]     | (1465) |
| Microchip | dsPIC33FJ128MC710A | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC710A | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC710A | [QFP100-1]     | (973)  |
| Microchip | dsPIC33FJ128MC710A | [QFP100-2]     | (1465) |
| Microchip | dsPIC33FJ128MC802  |                |        |
| Microchip | dsPIC33FJ128MC802  | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC802  | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC802  | [QFN-S28]      | (635)  |
| Microchip | dsPIC33FJ128MC802  | [SOIC28]       | (51)   |
| Microchip | dsPIC33FJ128MC804  | (ISP)          | (138)  |
| Microchip | dsPIC33FJ128MC804  | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ128MC804  | [QFN44]        | (646)  |
| Microchip | dsPIC33FJ128MC804  | [TQFP44]       | (94)   |
| Microchip | dsPIC33FJ12GP201   |                |        |
| Microchip | dsPIC33FJ12GP201   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ12GP201   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ12GP201   | [SOIC18]       | (1061) |
| Microchip | dsPIC33FJ12GP202   |                |        |
| Microchip | dsPIC33FJ12GP202   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ12GP202   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ12GP202   | [QFN28]        | (635)  |
| Microchip | dsPIC33FJ12GP202   | [SOIC28]       | (51)   |
| Microchip | dsPIC33FJ12GP202   | [SSOP28]       | (1103) |
| Microchip | dsPIC33FJ12MC201   |                |        |
| Microchip | dsPIC33FJ12MC201   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ12MC201   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ12MC201   | [SOIC20]       | (119)  |
| Microchip | dsPIC33FJ12MC201   | [SSOP20]       | (91)   |
| Microchip | dsPIC33FJ12MC202   |                |        |
| Microchip | dsPIC33FJ12MC202   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ12MC202   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ12MC202   | [QFN28]        | (635)  |
| Microchip | dsPIC33FJ12MC202   | [SOIC28]       | (51)   |
| Microchip | dsPIC33FJ12MC202   | [SSOP28]       | (1103) |
| Microchip | dsPIC33FJ16GP101   |                |        |
| Microchip | dsPIC33FJ16GP101   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ16GP101   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ16GP101   | [SOIC18]       | (1061) |
| Microchip | dsPIC33FJ16GP101   | [SSOP20]       | (91)   |
| Microchip | dsPIC33FJ16GP102   |                |        |
| Microchip | dsPIC33FJ16GP102   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ16GP102   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ16GP102   | [QFN28]        | (635)  |
| Microchip | dsPIC33FJ16GP102   | [SOIC28]       | (51)   |
| Microchip | dsPIC33FJ16GP102   | [SSOP28]       | (1103) |
| Microchip | dsPIC33FJ16GP304   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ16GP304   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ16GP304   | [QFN44]        | (646)  |
| Microchip | dsPIC33FJ16GP304   | [TQFP44]       | (94)   |
| Microchip | dsPIC33FJ16GS402   |                |        |
| Microchip | dsPIC33FJ16GS402   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ16GS402   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ16GS402   | [QFN-S28]      | (635)  |
| Microchip | dsPIC33FJ16GS402   | [SOIC28]       | (51)   |
| Microchip | dsPIC33FJ16GS404   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ16GS404   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ16GS404   | [QFN44]        | (646)  |
| Microchip | dsPIC33FJ16GS404   | [TQFP44]       | (94)   |
| Microchip | dsPIC33FJ16GS502   |                |        |
| Microchip | dsPIC33FJ16GS502   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ16GS502   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ16GS502   | [QFN-S28]      | (635)  |
| Microchip | dsPIC33FJ16GS502   | [SOIC28]       | (51)   |
| Microchip | dsPIC33FJ16GS504   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ16GS504   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ16GS504   | [QFN44]        | (646)  |
| Microchip | dsPIC33FJ16GS504   | [TQFP44]       | (94)   |
| Microchip | dsPIC33FJ16MC101   |                |        |
| Microchip | dsPIC33FJ16MC101   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ16MC101   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ16MC101   | [SOIC20]       | (119)  |
| Microchip | dsPIC33FJ16MC101   | [SSOP20]       | (91)   |
| Microchip | dsPIC33FJ16MC102   |                |        |
| Microchip | dsPIC33FJ16MC102   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ16MC102   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ16MC102   | [QFN28]        | (635)  |
| Microchip | dsPIC33FJ16MC102   | [SOIC28]       | (51)   |
| Microchip | dsPIC33FJ16MC102   | [SSOP28]       | (1103) |
| Microchip | dsPIC33FJ16MC304   | (ISP)          | (138)  |
| Microchip | dsPIC33FJ16MC304   | (ISP-ext. VDD) | (138)  |
| Microchip | dsPIC33FJ16MC304   | [QFN44]        | (646)  |
| Microchip | dsPIC33FJ16MC304   | [TQFP44]       | (94)   |
| Microchip | dsPIC33FJ256GP506  | (ISP)          | (138)  |
| Microchip | dsPIC33FJ256GP506  | (ISP-ext. VDD) | (138)  |

|           |                    |               |              |
|-----------|--------------------|---------------|--------------|
| Microchip | dsPIC33FJ256GP506  | [TQFP64]      | (691)        |
| Microchip | dsPIC33FJ256GP506A | (ISP)         | (138)        |
| Microchip | dsPIC33FJ256GP506A | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ256GP506A | [QFN64]       | (1458)       |
| Microchip | dsPIC33FJ256GP506A | [TQFP64]      | (691)        |
| Microchip | dsPIC33FJ256GP510  | (ISP)         | (138)        |
| Microchip | dsPIC33FJ256GP510  | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ256GP510  | [QFP100-1]    | (973)        |
| Microchip | dsPIC33FJ256GP510  | [QFP100-2]    | (1465)       |
| Microchip | dsPIC33FJ256GP510A | (ISP)         | (138)        |
| Microchip | dsPIC33FJ256GP510A | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ256GP510A | [QFP100-1]    | (973)        |
| Microchip | dsPIC33FJ256GP510A | [QFP100-2]    | (1465)       |
| Microchip | dsPIC33FJ256GP710  | (ISP)         | (138)        |
| Microchip | dsPIC33FJ256GP710  | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ256GP710  | [QFP100-1]    | (973)        |
| Microchip | dsPIC33FJ256GP710  | [QFP100-2]    | (1465)       |
| Microchip | dsPIC33FJ256GP710A | (ISP)         | (138)        |
| Microchip | dsPIC33FJ256GP710A | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ256GP710A | [QFP100-1]    | (973)        |
| Microchip | dsPIC33FJ256GP710A | [QFP100-2]    | (1465)       |
| Microchip | dsPIC33FJ256MC510  | (ISP)         | (138)        |
| Microchip | dsPIC33FJ256MC510  | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ256MC510  | [QFP100-1]    | (973)        |
| Microchip | dsPIC33FJ256MC510  | [QFP100-2]    | (1465)       |
| Microchip | dsPIC33FJ256MC510A | (ISP)         | (138)        |
| Microchip | dsPIC33FJ256MC510A | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ256MC510A | [QFP100-1]    | (973)        |
| Microchip | dsPIC33FJ256MC510A | [QFP100-2]    | (1465)       |
| Microchip | dsPIC33FJ256MC710  | (ISP)         | (138)        |
| Microchip | dsPIC33FJ256MC710  | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ256MC710  | [QFP100-1]    | (973)        |
| Microchip | dsPIC33FJ256MC710  | [QFP100-2]    | (1465)       |
| Microchip | dsPIC33FJ256MC710A | (ISP)         | (138)        |
| Microchip | dsPIC33FJ256MC710A | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ256MC710A | [QFP100-1]    | (973)        |
| Microchip | dsPIC33FJ256MC710A | [QFP100-2]    | (1465)       |
| Microchip | dsPIC33FJ32GP101   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33FJ32GP101   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33FJ32GP101   | [SOIC18]      | (1061)       |
| Microchip | dsPIC33FJ32GP101   | [SSOP20]      | (91)         |
| Microchip | dsPIC33FJ32GP102   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33FJ32GP102   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33FJ32GP102   | [QFN28]       | (635)        |
| Microchip | dsPIC33FJ32GP102   | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ32GP102   | [SSOP28]      | (1103)       |
| Microchip | dsPIC33FJ32GP104   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33FJ32GP104   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33FJ32GP104   | [QFN44]       | (646)        |
| Microchip | dsPIC33FJ32GP104   | [TQFP44]      | (94)         |
| Microchip | dsPIC33FJ32GP202   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ32GP202   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ32GP202   | [QFN-S28]     | (635)        |
| Microchip | dsPIC33FJ32GP202   | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ32GP202   | [SSOP28]      | (1103)       |
| Microchip | dsPIC33FJ32GP204   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ32GP204   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ32GP204   | [QFN44]       | (646)        |
| Microchip | dsPIC33FJ32GP204   | [TQFP44]      | (94)         |
| Microchip | dsPIC33FJ32GP302   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ32GP302   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ32GP302   | [QFN-S28]     | (635)        |
| Microchip | dsPIC33FJ32GP302   | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ32GP302   | [SSOP28]      | (1103)       |
| Microchip | dsPIC33FJ32GP304   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ32GP304   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ32GP304   | [QFN44]       | (646)        |
| Microchip | dsPIC33FJ32GP304   | [TQFP44]      | (94)         |
| Microchip | dsPIC33FJ32GS406   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ32GS406   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ32GS406   | [QFN64]       | (1458)       |
| Microchip | dsPIC33FJ32GS406   | [TQFP64]      | (691)        |
| Microchip | dsPIC33FJ32GS606   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ32GS606   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ32GS606   | [QFN64]       | (1458)       |
| Microchip | dsPIC33FJ32GS606   | [TQFP64]      | (691)        |
| Microchip | dsPIC33FJ32GS608   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ32GS608   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ32GS608   | [TQFP80]      | (719)        |
| Microchip | dsPIC33FJ32GS610   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ32GS610   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ32GS610   | [QFP100-1]    | (973)        |
| Microchip | dsPIC33FJ32GS610   | [QFP100-2]    | (1465)       |
| Microchip | dsPIC33FJ32MC101   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33FJ32MC101   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33FJ32MC101   | [SOIC20]      | (119)        |
| Microchip | dsPIC33FJ32MC101   | [SSOP20]      | (91)         |
| Microchip | dsPIC33FJ32MC102   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33FJ32MC102   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33FJ32MC102   | [QFN28]       | (635)        |
| Microchip | dsPIC33FJ32MC102   | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ32MC102   | [SSOP28]      | (1103)       |
| Microchip | dsPIC33FJ32MC104   | (ISP)         | (138) (9997) |
| Microchip | dsPIC33FJ32MC104   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | dsPIC33FJ32MC104   | [QFN44]       | (646)        |
| Microchip | dsPIC33FJ32MC104   | [TQFP44]      | (94)         |
| Microchip | dsPIC33FJ32MC202   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ32MC202   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ32MC202   | [QFN-S28]     | (635)        |
| Microchip | dsPIC33FJ32MC202   | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ32MC202   | [SSOP28]      | (1103)       |
| Microchip | dsPIC33FJ32MC204   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ32MC204   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ32MC204   | [QFN44]       | (646)        |
| Microchip | dsPIC33FJ32MC204   | [TQFP44]      | (94)         |
| Microchip | dsPIC33FJ32MC302   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ32MC302   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ32MC302   | [QFN-S28]     | (635)        |
| Microchip | dsPIC33FJ32MC302   | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ32MC304   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ32MC304   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ32MC304   | [QFN44]       | (646)        |
| Microchip | dsPIC33FJ32MC304   | [TQFP44]      | (94)         |
| Microchip | dsPIC33FJ64GP202   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ64GP202   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ64GP202   | [QFN-S28]     | (635)        |
| Microchip | dsPIC33FJ64GP202   | [SOIC28]      | (51)         |
| Microchip | dsPIC33FJ64GP204   | (ISP)         | (138)        |
| Microchip | dsPIC33FJ64GP204   | (ISP-ext.VDD) | (138)        |
| Microchip | dsPIC33FJ64GP204   | [QFN44]       | (646)        |



|           |                   |               |        |
|-----------|-------------------|---------------|--------|
| Microchip | dsPIC33FJ64GP204  | [TQFP44]      | (94)   |
| Microchip | dsPIC33FJ64GP206  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP206  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP206  | [TQFP64]      | (691)  |
| Microchip | dsPIC33FJ64GP206A | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP206A | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP206A | [QFN64]       | (1458) |
| Microchip | dsPIC33FJ64GP206A | [TQFP64]      | (691)  |
| Microchip | dsPIC33FJ64GP306  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP306  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP306  | [TQFP64]      | (691)  |
| Microchip | dsPIC33FJ64GP306A | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP306A | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP306A | [QFN64]       | (1458) |
| Microchip | dsPIC33FJ64GP306A | [TQFP64]      | (691)  |
| Microchip | dsPIC33FJ64GP310  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP310  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP310  | [QFP100-1]    | (973)  |
| Microchip | dsPIC33FJ64GP310  | [QFP100-2]    | (1465) |
| Microchip | dsPIC33FJ64GP310A | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP310A | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP310A | [QFP100-1]    | (973)  |
| Microchip | dsPIC33FJ64GP310A | [QFP100-2]    | (1465) |
| Microchip | dsPIC33FJ64GP706  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP706  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP706  | [TQFP64]      | (691)  |
| Microchip | dsPIC33FJ64GP706A | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP706A | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP706A | [QFN64]       | (1458) |
| Microchip | dsPIC33FJ64GP706A | [TQFP64]      | (691)  |
| Microchip | dsPIC33FJ64GP708  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP708  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP708  | [TQFP80]      | (719)  |
| Microchip | dsPIC33FJ64GP708A | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP708A | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP708A | [TQFP80]      | (719)  |
| Microchip | dsPIC33FJ64GP710  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP710  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP710  | [QFP100-1]    | (973)  |
| Microchip | dsPIC33FJ64GP710  | [QFP100-2]    | (1465) |
| Microchip | dsPIC33FJ64GP710A | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP710A | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP710A | [QFP100-1]    | (973)  |
| Microchip | dsPIC33FJ64GP710A | [QFP100-2]    | (1465) |
| Microchip | dsPIC33FJ64GP802  |               |        |
| Microchip | dsPIC33FJ64GP802  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP802  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP802  | [QFN-S28]     | (635)  |
| Microchip | dsPIC33FJ64GP802  | [SOIC28]      | (51)   |
| Microchip | dsPIC33FJ64GP804  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GP804  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GP804  | [QFN44]       | (646)  |
| Microchip | dsPIC33FJ64GP804  | [TQFP44]      | (94)   |
| Microchip | dsPIC33FJ64GS406  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GS406  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GS406  | [QFN64]       | (1458) |
| Microchip | dsPIC33FJ64GS406  | [TQFP64]      | (691)  |
| Microchip | dsPIC33FJ64GS606  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GS606  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GS606  | [QFN64]       | (1458) |
| Microchip | dsPIC33FJ64GS606  | [TQFP64]      | (691)  |
| Microchip | dsPIC33FJ64GS608  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GS608  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GS608  | [TQFP80]      | (719)  |
| Microchip | dsPIC33FJ64GS610  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64GS610  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64GS610  | [QFP100-1]    | (973)  |
| Microchip | dsPIC33FJ64GS610  | [QFP100-2]    | (1465) |
| Microchip | dsPIC33FJ64MC202  |               |        |
| Microchip | dsPIC33FJ64MC202  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC202  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC202  | [QFN-S28]     | (635)  |
| Microchip | dsPIC33FJ64MC202  | [SOIC28]      | (51)   |
| Microchip | dsPIC33FJ64MC204  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC204  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC204  | [QFN44]       | (646)  |
| Microchip | dsPIC33FJ64MC204  | [TQFP44]      | (94)   |
| Microchip | dsPIC33FJ64MC506  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC506  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC506  | [TQFP64]      | (691)  |
| Microchip | dsPIC33FJ64MC506A | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC506A | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC506A | [QFN64]       | (1458) |
| Microchip | dsPIC33FJ64MC506A | [TQFP64]      | (691)  |
| Microchip | dsPIC33FJ64MC508  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC508  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC508  | [TQFP80]      | (719)  |
| Microchip | dsPIC33FJ64MC508A | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC508A | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC508A | [TQFP80]      | (719)  |
| Microchip | dsPIC33FJ64MC510  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC510  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC510  | [QFP100-1]    | (973)  |
| Microchip | dsPIC33FJ64MC510  | [QFP100-2]    | (1465) |
| Microchip | dsPIC33FJ64MC510A | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC510A | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC510A | [QFP100-1]    | (973)  |
| Microchip | dsPIC33FJ64MC510A | [QFP100-2]    | (1465) |
| Microchip | dsPIC33FJ64MC706  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC706  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC706  | [TQFP64]      | (691)  |
| Microchip | dsPIC33FJ64MC706A | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC706A | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC706A | [QFN64]       | (1458) |
| Microchip | dsPIC33FJ64MC706A | [TQFP64]      | (691)  |
| Microchip | dsPIC33FJ64MC710  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC710  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC710  | [QFP100-1]    | (973)  |
| Microchip | dsPIC33FJ64MC710  | [QFP100-2]    | (1465) |
| Microchip | dsPIC33FJ64MC710A | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC710A | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC710A | [QFP100-1]    | (973)  |
| Microchip | dsPIC33FJ64MC710A | [QFP100-2]    | (1465) |
| Microchip | dsPIC33FJ64MC802  |               |        |
| Microchip | dsPIC33FJ64MC802  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC802  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC802  | [QFN-S28]     | (635)  |
| Microchip | dsPIC33FJ64MC802  | [SOIC28]      | (51)   |
| Microchip | dsPIC33FJ64MC804  | (ISP)         | (138)  |
| Microchip | dsPIC33FJ64MC804  | (ISP-ext.VDD) | (138)  |
| Microchip | dsPIC33FJ64MC804  | [QFN44]       | (646)  |
| Microchip | dsPIC33FJ64MC804  | [TQFP44]      | (94)   |
| Microchip | ER5911            |               |        |
| Microchip | ER5911 (ISP)      |               | (138)  |
| Microchip | ER5911 (x8)       |               |        |
| Microchip | ER5911 (x8) (ISP) |               | (138)  |
| Microchip | ER59256           |               |        |
| Microchip | HCS101            |               |        |

|           |                        |              |
|-----------|------------------------|--------------|
| Microchip | HCS101 (ISP)           | (138)        |
| Microchip | HCS101 [SOIC8]         | (950)        |
| Microchip | HCS200                 |              |
| Microchip | HCS200 (ISP)           | (138)        |
| Microchip | HCS200 [SOIC8]         | (950)        |
| Microchip | HCS201                 |              |
| Microchip | HCS201 (ISP)           | (138)        |
| Microchip | HCS201 [SOIC8]         | (950)        |
| Microchip | HCS300                 |              |
| Microchip | HCS300 (ISP)           | (138)        |
| Microchip | HCS300 [SOIC8]         | (950)        |
| Microchip | HCS301                 |              |
| Microchip | HCS301 (ISP)           | (138)        |
| Microchip | HCS301 [SOIC8]         | (950)        |
| Microchip | HCS320                 |              |
| Microchip | HCS320 (ISP)           | (138)        |
| Microchip | HCS320 [SOIC8]         | (950)        |
| Microchip | HCS360                 |              |
| Microchip | HCS360 (ISP)           | (138)        |
| Microchip | HCS360 [SOIC8]         | (950)        |
| Microchip | HCS361                 |              |
| Microchip | HCS361 (ISP)           | (138)        |
| Microchip | HCS361 [SOIC8]         | (950)        |
| Microchip | HCS362                 |              |
| Microchip | HCS362 (ISP)           | (138)        |
| Microchip | HCS362 [SOIC8]         | (950)        |
| Microchip | HCS362 [TSSOP8]        | (121)        |
| Microchip | HCS512                 |              |
| Microchip | HCS512 [SOIC18]        | (1061)       |
| Microchip | MCP19110 (ISP)         | (138) (9997) |
| Microchip | MCP19110 (ISP-ext.VDD) | (138) (9997) |
| Microchip | MCP19110 [QFN24]       | (3032)       |
| Microchip | MCP19111 (ISP)         | (138) (9997) |
| Microchip | MCP19111 (ISP-ext.VDD) | (138) (9997) |
| Microchip | MCP19111 [QFN28]       | (3668)       |
| Microchip | MCP19114 (ISP)         | (138) (9997) |
| Microchip | MCP19114 (ISP-ext.VDD) | (138) (9997) |
| Microchip | MCP19114 [QFN24]       | (3032)       |
| Microchip | MCP19114 [QFN28]       | (1245)       |
| Microchip | MCP19115 (ISP)         | (138) (9997) |
| Microchip | MCP19115 (ISP-ext.VDD) | (138) (9997) |
| Microchip | MCP19115 [QFN28]       | (1245)       |
| Microchip | MCP19118 [QFN24]       | (3798)       |
| Microchip | MCP25020               |              |
| Microchip | MCP25020 (ISP)         | (138)        |
| Microchip | MCP25020 [SOIC14]      | (951)        |
| Microchip | MCP25025               |              |
| Microchip | MCP25025 (ISP)         | (138)        |
| Microchip | MCP25025 [SOIC14]      | (951)        |
| Microchip | MCP25050               |              |
| Microchip | MCP25050 (ISP)         | (138)        |
| Microchip | MCP25050 [SOIC14]      | (951)        |
| Microchip | MCP25055               |              |
| Microchip | MCP25055 (ISP)         | (138)        |
| Microchip | MCP25055 [SOIC14]      | (951)        |
| Microchip | MCP4728 [MSOP10]       | (984)        |
| Microchip | MCP79410 [MSOP8]       | (605)        |
| Microchip | MCP79410 [SOIC8]       | (950)        |
| Microchip | MCP79410 [TDFN8]       | (2995)       |
| Microchip | MCP79410 [TSSOP8]      | (121)        |
| Microchip | MCP79411 [MSOP8]       | (605)        |
| Microchip | MCP79411 [SOIC8]       | (950)        |
| Microchip | MCP79411 [TDFN8]       | (2995)       |
| Microchip | MCP79411 [TSSOP8]      | (121)        |
| Microchip | MCP79412 [MSOP8]       | (605)        |
| Microchip | MCP79412 [SOIC8]       | (950)        |
| Microchip | MCP79412 [TDFN8]       | (2995)       |
| Microchip | MCP79412 [TSSOP8]      | (121)        |
| Microchip | MCP79510 (ISP)         | (138)        |
| Microchip | MCP79510 [MSOP10]      | (984)        |
| Microchip | MCP79510 [TDFN10]      | (730)        |
| Microchip | MCP79511 (ISP)         | (138)        |
| Microchip | MCP79511 [MSOP10]      | (984)        |
| Microchip | MCP79511 [TDFN10]      | (730)        |
| Microchip | MCP79512 (ISP)         | (138)        |
| Microchip | MCP79512 [MSOP10]      | (984)        |
| Microchip | MCP79512 [TDFN10]      | (730)        |
| Microchip | MCP79520 (ISP)         | (138)        |
| Microchip | MCP79520 [MSOP10]      | (984)        |
| Microchip | MCP79520 [TDFN10]      | (730)        |
| Microchip | MCP79521 (ISP)         | (138)        |
| Microchip | MCP79521 [MSOP10]      | (984)        |
| Microchip | MCP79521 [TDFN10]      | (730)        |
| Microchip | MCP79522 (ISP)         | (138)        |
| Microchip | MCP79522 [MSOP10]      | (984)        |
| Microchip | MCP79522 [TDFN10]      | (730)        |
| Microchip | MCP795810 (ISP)        | (138)        |
| Microchip | MCP795810 [SOIC14]     | (951)        |
| Microchip | MCP795810 [TSSOP14]    | (1087)       |
| Microchip | MCP795811 (ISP)        | (138)        |
| Microchip | MCP795811 [SOIC14]     | (951)        |
| Microchip | MCP795811 [TSSOP14]    | (1087)       |
| Microchip | MCP795812 (ISP)        | (138)        |
| Microchip | MCP795812 [SOIC14]     | (951)        |
| Microchip | MCP795812 [TSSOP14]    | (1087)       |
| Microchip | MCP795820 (ISP)        | (138)        |
| Microchip | MCP795820 [SOIC14]     | (951)        |
| Microchip | MCP795820 [TSSOP14]    | (1087)       |
| Microchip | MCP795821 (ISP)        | (138)        |
| Microchip | MCP795821 [SOIC14]     | (951)        |
| Microchip | MCP795821 [TSSOP14]    | (1087)       |
| Microchip | MCP795822 (ISP)        | (138)        |
| Microchip | MCP795822 [SOIC14]     | (951)        |
| Microchip | MCP795822 [TSSOP14]    | (1087)       |
| Microchip | MCP795W10 (ISP)        | (138)        |
| Microchip | MCP795W10 [SOIC14]     | (951)        |
| Microchip | MCP795W10 [TSSOP14]    | (1087)       |
| Microchip | MCP795W11 (ISP)        | (138)        |
| Microchip | MCP795W11 [SOIC14]     | (951)        |
| Microchip | MCP795W11 [TSSOP14]    | (1087)       |
| Microchip | MCP795W12 (ISP)        | (138)        |
| Microchip | MCP795W12 [SOIC14]     | (951)        |
| Microchip | MCP795W12 [TSSOP14]    | (1087)       |
| Microchip | MCP795W20 (ISP)        | (138)        |
| Microchip | MCP795W20 [SOIC14]     | (951)        |
| Microchip | MCP795W20 [TSSOP14]    | (1087)       |
| Microchip | MCP795W21 (ISP)        | (138)        |
| Microchip | MCP795W21 [SOIC14]     | (951)        |
| Microchip | MCP795W21 [TSSOP14]    | (1087)       |
| Microchip | MCP795W22 (ISP)        | (138)        |
| Microchip | MCP795W22 [SOIC14]     | (951)        |
| Microchip | MCP795W22 [TSSOP14]    | (1087)       |
| Microchip | MCP98242 (ISP)         | (138)        |
| Microchip | MCP98242 [DFN8]        | (2995)       |
| Microchip | MCP98242 [TDFN8]       | (2995)       |
| Microchip | MCP98242 [TSSOP8]      | (121)        |
| Microchip | MCP98242 [UDFN8]       | (4538)       |
| Microchip | MCP98243 (ISP)         | (138)        |

|           |            |               |        |
|-----------|------------|---------------|--------|
| Microchip | MCP98243   | [DFN8]        | (2995) |
| Microchip | MCP98243   | [TDFN8]       | (2995) |
| Microchip | MCP98243   | [TSSOP8]      | (121)  |
| Microchip | MCP98243   | [UDFN8]       | (4538) |
| Microchip | MCP98244   | (ISP)         | (138)  |
| Microchip | MCP98244   | [TDFN8]       | (2995) |
| Microchip | mXT337TPTP | [UFQFN56]     | (4625) |
| Microchip | PCD8572    |               |        |
| Microchip | PCD8572    | (ISP)         | (138)  |
| Microchip | PCD8582    |               |        |
| Microchip | PIC10F200  |               |        |
| Microchip | PIC10F200  | (ISP)         | (138)  |
| Microchip | PIC10F200  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC10F200  | [DFN8]        | (2995) |
| Microchip | PIC10F200  | [SOT-23]      | (523)  |
| Microchip | PIC10F202  |               |        |
| Microchip | PIC10F202  | (ISP)         | (138)  |
| Microchip | PIC10F202  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC10F202  | [DFN8]        | (2995) |
| Microchip | PIC10F202  | [SOT-23]      | (523)  |
| Microchip | PIC10F204  |               |        |
| Microchip | PIC10F204  | (ISP)         | (138)  |
| Microchip | PIC10F204  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC10F204  | [DFN8]        | (2995) |
| Microchip | PIC10F204  | [SOT-23]      | (523)  |
| Microchip | PIC10F206  |               |        |
| Microchip | PIC10F206  | (ISP)         | (138)  |
| Microchip | PIC10F206  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC10F206  | [DFN8]        | (2995) |
| Microchip | PIC10F206  | [SOT-23]      | (523)  |
| Microchip | PIC10F220  |               |        |
| Microchip | PIC10F220  | (ISP)         | (138)  |
| Microchip | PIC10F220  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC10F220  | [DFN8]        | (2995) |
| Microchip | PIC10F220  | [SOT-23]      | (523)  |
| Microchip | PIC10F222  |               |        |
| Microchip | PIC10F222  | (ISP)         | (138)  |
| Microchip | PIC10F222  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC10F222  | [DFN8]        | (2995) |
| Microchip | PIC10F222  | [SOT-23]      | (523)  |
| Microchip | PIC10F320  |               |        |
| Microchip | PIC10F320  | (ISP)         | (138)  |
| Microchip | PIC10F320  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC10F320  | [DFN8]        | (2995) |
| Microchip | PIC10F320  | [SOT-23]      | (523)  |
| Microchip | PIC10F322  |               |        |
| Microchip | PIC10F322  | (ISP)         | (138)  |
| Microchip | PIC10F322  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC10F322  | [DFN8]        | (2995) |
| Microchip | PIC10F322  | [SOT-23]      | (523)  |
| Microchip | PIC10LF320 |               |        |
| Microchip | PIC10LF320 | (ISP)         | (138)  |
| Microchip | PIC10LF320 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC10LF320 | [DFN8]        | (2995) |
| Microchip | PIC10LF320 | [SOT-23]      | (523)  |
| Microchip | PIC10LF322 |               |        |
| Microchip | PIC10LF322 | (ISP)         | (138)  |
| Microchip | PIC10LF322 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC10LF322 | [DFN8]        | (2995) |
| Microchip | PIC10LF322 | [SOT-23]      | (523)  |
| Microchip | PIC12C508  |               |        |
| Microchip | PIC12C508  | (ISP)         | (138)  |
| Microchip | PIC12C508  | [SOIC8-208]   | (46)   |
| Microchip | PIC12C508A |               |        |
| Microchip | PIC12C508A | (ISP)         | (138)  |
| Microchip | PIC12C508A | [SOIC8-150]   | (950)  |
| Microchip | PIC12C508A | [SOIC8-208]   | (46)   |
| Microchip | PIC12C509  |               |        |
| Microchip | PIC12C509  | (ISP)         | (138)  |
| Microchip | PIC12C509  | [SOIC8-150]   | (950)  |
| Microchip | PIC12C509  | [SOIC8-208]   | (46)   |
| Microchip | PIC12C509A |               |        |
| Microchip | PIC12C509A | (ISP)         | (138)  |
| Microchip | PIC12C509A | [SOIC8-150]   | (950)  |
| Microchip | PIC12C509A | [SOIC8-208]   | (46)   |
| Microchip | PIC12C671  |               |        |
| Microchip | PIC12C671  | (ISP)         | (138)  |
| Microchip | PIC12C671  | [SOIC8-208]   | (46)   |
| Microchip | PIC12C672  |               |        |
| Microchip | PIC12C672  | (ISP)         | (138)  |
| Microchip | PIC12C672  | [SOIC8-208]   | (46)   |
| Microchip | PIC12CE518 |               |        |
| Microchip | PIC12CE518 | (ISP)         | (138)  |
| Microchip | PIC12CE518 | [SOIC8-150]   | (950)  |
| Microchip | PIC12CE518 | [SOIC8-208]   | (46)   |
| Microchip | PIC12CE519 |               |        |
| Microchip | PIC12CE519 | (ISP)         | (138)  |
| Microchip | PIC12CE519 | [SOIC8-150]   | (950)  |
| Microchip | PIC12CE519 | [SOIC8-208]   | (46)   |
| Microchip | PIC12CE673 |               |        |
| Microchip | PIC12CE673 | (ISP)         | (138)  |
| Microchip | PIC12CE674 |               |        |
| Microchip | PIC12CE674 | (ISP)         | (138)  |
| Microchip | PIC12F1501 |               |        |
| Microchip | PIC12F1501 | (ISP)         | (138)  |
| Microchip | PIC12F1501 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC12F1501 | [DFN8]        | (2995) |
| Microchip | PIC12F1501 | [MSOP8]       | (605)  |
| Microchip | PIC12F1501 | [SOIC8]       | (950)  |
| Microchip | PIC12F1571 |               |        |
| Microchip | PIC12F1571 | (ISP)         | (138)  |
| Microchip | PIC12F1571 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC12F1571 | [DFN8 3x3]    | (1420) |
| Microchip | PIC12F1571 | [MSOP8]       | (605)  |
| Microchip | PIC12F1571 | [SOIC8]       | (950)  |
| Microchip | PIC12F1571 | [UDFN8 3x3]   | (3527) |
| Microchip | PIC12F1572 |               |        |
| Microchip | PIC12F1572 | (ISP)         | (138)  |
| Microchip | PIC12F1572 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC12F1572 | [DFN8 3x3]    | (1420) |
| Microchip | PIC12F1572 | [MSOP8]       | (605)  |
| Microchip | PIC12F1572 | [SOIC8]       | (950)  |
| Microchip | PIC12F1572 | [UDFN8 3x3]   | (3527) |
| Microchip | PIC12F1612 |               |        |
| Microchip | PIC12F1612 | (ISP)         | (138)  |
| Microchip | PIC12F1612 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC12F1612 | [DFN8 3x3]    | (1420) |
| Microchip | PIC12F1612 | [SOIC8]       | (950)  |
| Microchip | PIC12F1822 |               |        |
| Microchip | PIC12F1822 | (ISP)         | (138)  |
| Microchip | PIC12F1822 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC12F1822 | [DFN8 3x3]    | (1420) |
| Microchip | PIC12F1822 | [SOIC8]       | (950)  |
| Microchip | PIC12F1840 |               |        |
| Microchip | PIC12F1840 | (ISP)         | (138)  |
| Microchip | PIC12F1840 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC12F1840 | [DFN8 3x3]    | (1420) |
| Microchip | PIC12F1840 | [SOIC8]       | (950)  |

|           |                             |        |
|-----------|-----------------------------|--------|
| Microchip | PIC12F508                   |        |
| Microchip | PIC12F508 (ISP)             | (138)  |
| Microchip | PIC12F508 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12F508 [DFN8]            | (720)  |
| Microchip | PIC12F508 [MSOP8]           | (605)  |
| Microchip | PIC12F508 [SOIC8-150]       | (950)  |
| Microchip | PIC12F509                   |        |
| Microchip | PIC12F509 (ISP)             | (138)  |
| Microchip | PIC12F509 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12F509 [DFN8]            | (720)  |
| Microchip | PIC12F509 [MSOP8]           | (605)  |
| Microchip | PIC12F509 [SOIC8-150]       | (950)  |
| Microchip | PIC12F510                   |        |
| Microchip | PIC12F510 (ISP)             | (138)  |
| Microchip | PIC12F510 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12F510 [DFN8]            | (720)  |
| Microchip | PIC12F510 [MSOP8]           | (605)  |
| Microchip | PIC12F510 [SOIC8-150]       | (950)  |
| Microchip | PIC12F519                   |        |
| Microchip | PIC12F519 (ISP)             | (138)  |
| Microchip | PIC12F519 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12F519 [DFN8]            | (720)  |
| Microchip | PIC12F519 [MSOP8]           | (605)  |
| Microchip | PIC12F519 [SOIC8-150]       | (950)  |
| Microchip | PIC12F529T39A (ISP)         | (138)  |
| Microchip | PIC12F529T39A (ISP-ext.VDD) | (138)  |
| Microchip | PIC12F529T39A [TSSOP14]     | (1087) |
| Microchip | PIC12F529T48A (ISP)         | (138)  |
| Microchip | PIC12F529T48A (ISP-ext.VDD) | (138)  |
| Microchip | PIC12F529T48A [TSSOP14]     | (1087) |
| Microchip | PIC12F609                   |        |
| Microchip | PIC12F609 (ISP)             | (138)  |
| Microchip | PIC12F609 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12F609 [DFN8 3x3]        | (1420) |
| Microchip | PIC12F609 [DFN8 4x4]        | (711)  |
| Microchip | PIC12F609 [MSOP8]           | (605)  |
| Microchip | PIC12F609 [SOIC8]           | (950)  |
| Microchip | PIC12F609 [TSSOP8]          | (121)  |
| Microchip | PIC12F615                   |        |
| Microchip | PIC12F615 (ISP)             | (138)  |
| Microchip | PIC12F615 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12F615 [DFN8 3x3]        | (1420) |
| Microchip | PIC12F615 [DFN8 4x4]        | (711)  |
| Microchip | PIC12F615 [MSOP8]           | (605)  |
| Microchip | PIC12F615 [SOIC8]           | (950)  |
| Microchip | PIC12F615 [TSSOP8]          | (121)  |
| Microchip | PIC12F617                   |        |
| Microchip | PIC12F617 (ISP)             | (138)  |
| Microchip | PIC12F617 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12F617 [DFN8 3x3]        | (1420) |
| Microchip | PIC12F617 [DFN8 4x4]        | (711)  |
| Microchip | PIC12F617 [MSOP8]           | (605)  |
| Microchip | PIC12F617 [SOIC8]           | (950)  |
| Microchip | PIC12F617 [TSSOP8]          | (121)  |
| Microchip | PIC12F629                   |        |
| Microchip | PIC12F629 (ISP)             | (138)  |
| Microchip | PIC12F629 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12F629 [DFN8 4x4]        | (711)  |
| Microchip | PIC12F629 [DFN8]            | (577)  |
| Microchip | PIC12F629 [SOIC8-150]       | (950)  |
| Microchip | PIC12F635                   |        |
| Microchip | PIC12F635 (ISP)             | (138)  |
| Microchip | PIC12F635 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12F635 [DFN8 4x4]        | (711)  |
| Microchip | PIC12F635 [DFN8]            | (577)  |
| Microchip | PIC12F635 [SOIC8]           | (950)  |
| Microchip | PIC12F675                   |        |
| Microchip | PIC12F675 (ISP)             | (138)  |
| Microchip | PIC12F675 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12F675 [DFN8 4x4]        | (711)  |
| Microchip | PIC12F675 [DFN8]            | (577)  |
| Microchip | PIC12F675 [SOIC8-150]       | (950)  |
| Microchip | PIC12F683                   |        |
| Microchip | PIC12F683 (ISP)             | (138)  |
| Microchip | PIC12F683 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12F683 [DFN8 4x4]        | (711)  |
| Microchip | PIC12F683 [DFN8]            | (577)  |
| Microchip | PIC12F683 [SOIC8]           | (950)  |
| Microchip | PIC12F752                   |        |
| Microchip | PIC12F752 (ISP)             | (138)  |
| Microchip | PIC12F752 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12F752 [DFN8 3x3]        | (1420) |
| Microchip | PIC12F752 [SOIC8]           | (950)  |
| Microchip | PIC12HV609                  |        |
| Microchip | PIC12HV609 (ISP)            | (138)  |
| Microchip | PIC12HV609 (ISP-ext.VDD)    | (138)  |
| Microchip | PIC12HV609 [DFN8 3x3]       | (1420) |
| Microchip | PIC12HV609 [DFN8 4x4]       | (711)  |
| Microchip | PIC12HV609 [MSOP8]          | (605)  |
| Microchip | PIC12HV609 [SOIC8]          | (950)  |
| Microchip | PIC12HV609 [TSSOP8]         | (121)  |
| Microchip | PIC12HV615                  |        |
| Microchip | PIC12HV615 (ISP)            | (138)  |
| Microchip | PIC12HV615 (ISP-ext.VDD)    | (138)  |
| Microchip | PIC12HV615 [DFN8 3x3]       | (1420) |
| Microchip | PIC12HV615 [DFN8 4x4]       | (711)  |
| Microchip | PIC12HV615 [MSOP8]          | (605)  |
| Microchip | PIC12HV615 [SOIC8]          | (950)  |
| Microchip | PIC12HV615 [TSSOP8]         | (121)  |
| Microchip | PIC12HV752                  |        |
| Microchip | PIC12HV752 (ISP)            | (138)  |
| Microchip | PIC12HV752 (ISP-ext.VDD)    | (138)  |
| Microchip | PIC12HV752 [DFN8 3x3]       | (1420) |
| Microchip | PIC12HV752 [SOIC8]          | (950)  |
| Microchip | PIC12LC508A                 |        |
| Microchip | PIC12LC508A (ISP)           | (138)  |
| Microchip | PIC12LC508A [SOIC8-150]     | (950)  |
| Microchip | PIC12LC508A [SOIC8-208]     | (46)   |
| Microchip | PIC12LC509A                 |        |
| Microchip | PIC12LC509A (ISP)           | (138)  |
| Microchip | PIC12LC509A [SOIC8-150]     | (950)  |
| Microchip | PIC12LC509A [SOIC8-208]     | (46)   |
| Microchip | PIC12LC671                  |        |
| Microchip | PIC12LC671 (ISP)            | (138)  |
| Microchip | PIC12LC671 [SOIC8-208]      | (46)   |
| Microchip | PIC12LC672                  |        |
| Microchip | PIC12LC672 (ISP)            | (138)  |
| Microchip | PIC12LC672 [SOIC8-208]      | (46)   |
| Microchip | PIC12LCE518                 |        |
| Microchip | PIC12LCE518 (ISP)           | (138)  |
| Microchip | PIC12LCE518 [SOIC8-150]     | (950)  |
| Microchip | PIC12LCE518 [SOIC8-208]     | (46)   |
| Microchip | PIC12LCE519                 |        |
| Microchip | PIC12LCE519 (ISP)           | (138)  |
| Microchip | PIC12LCE519 [SOIC8-150]     | (950)  |
| Microchip | PIC12LCE519 [SOIC8-208]     | (46)   |
| Microchip | PIC12LCE673                 |        |
| Microchip | PIC12LCE673 (ISP)           | (138)  |

|           |                               |        |
|-----------|-------------------------------|--------|
| Microchip | PIC12LCE674                   |        |
| Microchip | PIC12LCE674 (ISP)             | (138)  |
| Microchip | PIC12LF1501                   |        |
| Microchip | PIC12LF1501 (ISP)             | (138)  |
| Microchip | PIC12LF1501 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12LF1501 [DFN8]            | (2995) |
| Microchip | PIC12LF1501 [MSOP8]           | (605)  |
| Microchip | PIC12LF1501 [SOIC8]           | (950)  |
| Microchip | PIC12LF1552                   |        |
| Microchip | PIC12LF1552 (ISP)             | (138)  |
| Microchip | PIC12LF1552 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12LF1552 [DFN8]            | (2995) |
| Microchip | PIC12LF1552 [MSOP8]           | (605)  |
| Microchip | PIC12LF1552 [SOIC8]           | (950)  |
| Microchip | PIC12LF1571                   |        |
| Microchip | PIC12LF1571 (ISP)             | (138)  |
| Microchip | PIC12LF1571 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12LF1571 [DFN8 3x3]        | (1420) |
| Microchip | PIC12LF1571 [MSOP8]           | (605)  |
| Microchip | PIC12LF1571 [SOIC8]           | (950)  |
| Microchip | PIC12LF1571 [UDFN8 3x3]       | (3527) |
| Microchip | PIC12LF1572                   |        |
| Microchip | PIC12LF1572 (ISP)             | (138)  |
| Microchip | PIC12LF1572 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12LF1572 [DFN8 3x3]        | (1420) |
| Microchip | PIC12LF1572 [MSOP8]           | (605)  |
| Microchip | PIC12LF1572 [SOIC8]           | (950)  |
| Microchip | PIC12LF1572 [UDFN8 3x3]       | (3527) |
| Microchip | PIC12LF1612                   |        |
| Microchip | PIC12LF1612 (ISP)             | (138)  |
| Microchip | PIC12LF1612 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12LF1612 [DFN8 3x3]        | (1420) |
| Microchip | PIC12LF1612 [SOIC8]           | (950)  |
| Microchip | PIC12LF1822                   |        |
| Microchip | PIC12LF1822 (ISP)             | (138)  |
| Microchip | PIC12LF1822 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12LF1822 [DFN8 3x3]        | (1420) |
| Microchip | PIC12LF1822 [SOIC8]           | (950)  |
| Microchip | PIC12LF1840                   |        |
| Microchip | PIC12LF1840 (ISP)             | (138)  |
| Microchip | PIC12LF1840 (ISP-ext.VDD)     | (138)  |
| Microchip | PIC12LF1840 [DFN8 3x3]        | (1420) |
| Microchip | PIC12LF1840 [SOIC8]           | (950)  |
| Microchip | PIC12LF1840T39A (ISP)         | (138)  |
| Microchip | PIC12LF1840T39A (ISP-ext.VDD) | (138)  |
| Microchip | PIC12LF1840T39A [TSSOP14]     | (1087) |
| Microchip | PIC12LF1840T48A (ISP)         | (138)  |
| Microchip | PIC12LF1840T48A (ISP-ext.VDD) | (138)  |
| Microchip | PIC12LF1840T48A [TSSOP14]     | (1087) |
| Microchip | PIC12LF508                    |        |
| Microchip | PIC12LF508 (ISP)              | (138)  |
| Microchip | PIC12LF508 (ISP-ext.VDD)      | (138)  |
| Microchip | PIC12LF508 [DFN8]             | (720)  |
| Microchip | PIC12LF508 [MSOP8]            | (605)  |
| Microchip | PIC12LF508 [SOIC8-150]        | (950)  |
| Microchip | PIC12LF509                    |        |
| Microchip | PIC12LF509 (ISP)              | (138)  |
| Microchip | PIC12LF509 (ISP-ext.VDD)      | (138)  |
| Microchip | PIC12LF509 [DFN8]             | (720)  |
| Microchip | PIC12LF509 [MSOP8]            | (605)  |
| Microchip | PIC12LF509 [SOIC8-150]        | (950)  |
| Microchip | PIC14000                      |        |
| Microchip | PIC14000 (ISP)                | (138)  |
| Microchip | PIC14000 [SOIC28]             | (51)   |
| Microchip | PIC14000 [SSOP28]             | (1103) |
| Microchip | PIC16C432                     |        |
| Microchip | PIC16C432 (ISP)               | (138)  |
| Microchip | PIC16C432 [SSOP20]            | (91)   |
| Microchip | PIC16C433                     |        |
| Microchip | PIC16C433 (ISP)               | (138)  |
| Microchip | PIC16C433 [SOIC18]            | (1061) |
| Microchip | PIC16C505                     |        |
| Microchip | PIC16C505 (ISP)               | (138)  |
| Microchip | PIC16C505 [SOIC14]            | (951)  |
| Microchip | PIC16C52                      |        |
| Microchip | PIC16C52 [SOIC18]             | (1061) |
| Microchip | PIC16C52/JW                   |        |
| Microchip | PIC16C52/JW [SOIC18]          | (1061) |
| Microchip | PIC16C52-RC                   |        |
| Microchip | PIC16C52-RC [SOIC18]          | (1061) |
| Microchip | PIC16C52-XT                   |        |
| Microchip | PIC16C52-XT [SOIC18]          | (1061) |
| Microchip | PIC16C54                      |        |
| Microchip | PIC16C54 [SOIC18]             | (1061) |
| Microchip | PIC16C54 [SSOP20]             | (91)   |
| Microchip | PIC16C54/JW                   |        |
| Microchip | PIC16C54A                     |        |
| Microchip | PIC16C54A [SOIC18]            | (1061) |
| Microchip | PIC16C54A [SSOP20]            | (91)   |
| Microchip | PIC16C54B                     |        |
| Microchip | PIC16C54B [SOIC18]            | (1061) |
| Microchip | PIC16C54B [SSOP20]            | (91)   |
| Microchip | PIC16C54C                     |        |
| Microchip | PIC16C54C [SOIC18]            | (1061) |
| Microchip | PIC16C54C [SSOP20]            | (91)   |
| Microchip | PIC16C54-HS                   |        |
| Microchip | PIC16C54-HS [SOIC18]          | (1061) |
| Microchip | PIC16C54-HS [SSOP20]          | (91)   |
| Microchip | PIC16C54-LP                   |        |
| Microchip | PIC16C54-LP [SOIC18]          | (1061) |
| Microchip | PIC16C54-LP [SSOP20]          | (91)   |
| Microchip | PIC16C54-RC                   |        |
| Microchip | PIC16C54-RC [SOIC18]          | (1061) |
| Microchip | PIC16C54-RC [SSOP20]          | (91)   |
| Microchip | PIC16C54-XT                   |        |
| Microchip | PIC16C54-XT [SOIC18]          | (1061) |
| Microchip | PIC16C54-XT [SSOP20]          | (91)   |
| Microchip | PIC16C55                      |        |
| Microchip | PIC16C55 [SOIC28]             | (51)   |
| Microchip | PIC16C55 [SSOP28]             | (1103) |
| Microchip | PIC16C55/JW                   |        |
| Microchip | PIC16C55/JW [SOIC28]          | (51)   |
| Microchip | PIC16C55/JW [SSOP28]          | (1103) |
| Microchip | PIC16C554                     |        |
| Microchip | PIC16C554 (ISP)               | (138)  |
| Microchip | PIC16C554 [SOIC18]            | (1061) |
| Microchip | PIC16C554 [SSOP20]            | (91)   |
| Microchip | PIC16C556                     |        |
| Microchip | PIC16C556 (ISP)               | (138)  |
| Microchip | PIC16C556 [SOIC18]            | (1061) |
| Microchip | PIC16C557                     |        |
| Microchip | PIC16C557 (ISP)               | (138)  |
| Microchip | PIC16C557 [SOIC28]            | (51)   |
| Microchip | PIC16C557 [SSOP28]            | (1103) |
| Microchip | PIC16C558                     |        |
| Microchip | PIC16C558 (ISP)               | (138)  |
| Microchip | PIC16C558 [SOIC18]            | (1061) |
| Microchip | PIC16C558 [SSOP20]            | (91)   |

|           |                      |        |
|-----------|----------------------|--------|
| Microchip | PIC16C55A            |        |
| Microchip | PIC16C55A [SOIC28]   | (51)   |
| Microchip | PIC16C55A [SSOP28]   | (1103) |
| Microchip | PIC16C55-HS          |        |
| Microchip | PIC16C55-HS [SOIC28] | (51)   |
| Microchip | PIC16C55-HS [SSOP28] | (1103) |
| Microchip | PIC16C55-LP          |        |
| Microchip | PIC16C55-LP [SOIC28] | (51)   |
| Microchip | PIC16C55-LP [SSOP28] | (1103) |
| Microchip | PIC16C55-RC          |        |
| Microchip | PIC16C55-RC [SOIC28] | (51)   |
| Microchip | PIC16C55-RC [SSOP28] | (1103) |
| Microchip | PIC16C55-XT          |        |
| Microchip | PIC16C55-XT [SOIC28] | (51)   |
| Microchip | PIC16C55-XT [SSOP28] | (1103) |
| Microchip | PIC16C56             |        |
| Microchip | PIC16C56 [SOIC18]    | (1061) |
| Microchip | PIC16C56 [SSOP20]    | (91)   |
| Microchip | PIC16C56/JW          |        |
| Microchip | PIC16C56/JW [SOIC18] | (1061) |
| Microchip | PIC16C56/JW [SSOP20] | (91)   |
| Microchip | PIC16C56A            |        |
| Microchip | PIC16C56A [SOIC18]   | (1061) |
| Microchip | PIC16C56A [SSOP20]   | (91)   |
| Microchip | PIC16C56-HS          |        |
| Microchip | PIC16C56-HS [SOIC18] | (1061) |
| Microchip | PIC16C56-HS [SSOP20] | (91)   |
| Microchip | PIC16C56-LP          |        |
| Microchip | PIC16C56-LP [SOIC18] | (1061) |
| Microchip | PIC16C56-LP [SSOP20] | (91)   |
| Microchip | PIC16C56-RC          |        |
| Microchip | PIC16C56-RC [SOIC18] | (1061) |
| Microchip | PIC16C56-RC [SSOP20] | (91)   |
| Microchip | PIC16C56-XT          |        |
| Microchip | PIC16C56-XT [SOIC18] | (1061) |
| Microchip | PIC16C56-XT [SSOP20] | (91)   |
| Microchip | PIC16C57             |        |
| Microchip | PIC16C57 [SOIC28]    | (51)   |
| Microchip | PIC16C57 [SSOP28]    | (1103) |
| Microchip | PIC16C57/JW          |        |
| Microchip | PIC16C57/JW [SOIC28] | (51)   |
| Microchip | PIC16C57/JW [SSOP28] | (1103) |
| Microchip | PIC16C57C            |        |
| Microchip | PIC16C57C [SOIC28]   | (51)   |
| Microchip | PIC16C57C [SSOP28]   | (1103) |
| Microchip | PIC16C57-HS          |        |
| Microchip | PIC16C57-HS [SOIC28] | (51)   |
| Microchip | PIC16C57-HS [SSOP28] | (1103) |
| Microchip | PIC16C57-LP          |        |
| Microchip | PIC16C57-LP [SOIC28] | (51)   |
| Microchip | PIC16C57-LP [SSOP28] | (1103) |
| Microchip | PIC16C57-RC          |        |
| Microchip | PIC16C57-RC [SOIC28] | (51)   |
| Microchip | PIC16C57-RC [SSOP28] | (1103) |
| Microchip | PIC16C57-XT          |        |
| Microchip | PIC16C57-XT [SOIC28] | (51)   |
| Microchip | PIC16C57-XT [SSOP28] | (1103) |
| Microchip | PIC16C58A            |        |
| Microchip | PIC16C58A [SOIC18]   | (1061) |
| Microchip | PIC16C58A [SSOP20]   | (91)   |
| Microchip | PIC16C58B            |        |
| Microchip | PIC16C58B [SOIC18]   | (1061) |
| Microchip | PIC16C58B [SSOP20]   | (91)   |
| Microchip | PIC16C61             |        |
| Microchip | PIC16C61 (ISP)       | (138)  |
| Microchip | PIC16C61 [SOIC18]    | (1061) |
| Microchip | PIC16C62             |        |
| Microchip | PIC16C62 (ISP)       | (138)  |
| Microchip | PIC16C62 [SOIC28]    | (51)   |
| Microchip | PIC16C62 [SSOP28]    | (1103) |
| Microchip | PIC16C620            |        |
| Microchip | PIC16C620 (ISP)      | (138)  |
| Microchip | PIC16C620 [SOIC18]   | (1061) |
| Microchip | PIC16C620 [SSOP20]   | (91)   |
| Microchip | PIC16C620A           |        |
| Microchip | PIC16C620A (ISP)     | (138)  |
| Microchip | PIC16C620A [SOIC18]  | (1061) |
| Microchip | PIC16C620A [SSOP20]  | (91)   |
| Microchip | PIC16C621            |        |
| Microchip | PIC16C621 (ISP)      | (138)  |
| Microchip | PIC16C621 [SOIC18]   | (1061) |
| Microchip | PIC16C621 [SSOP20]   | (91)   |
| Microchip | PIC16C621A           |        |
| Microchip | PIC16C621A (ISP)     | (138)  |
| Microchip | PIC16C621A [SOIC18]  | (1061) |
| Microchip | PIC16C621A [SSOP20]  | (91)   |
| Microchip | PIC16C622            |        |
| Microchip | PIC16C622 (ISP)      | (138)  |
| Microchip | PIC16C622 [SOIC18]   | (1061) |
| Microchip | PIC16C622 [SSOP20]   | (91)   |
| Microchip | PIC16C622A           |        |
| Microchip | PIC16C622A (ISP)     | (138)  |
| Microchip | PIC16C622A [SOIC18]  | (1061) |
| Microchip | PIC16C622A [SSOP20]  | (91)   |
| Microchip | PIC16C62A            |        |
| Microchip | PIC16C62A (ISP)      | (138)  |
| Microchip | PIC16C62A [SOIC28]   | (51)   |
| Microchip | PIC16C62A [SSOP28]   | (1103) |
| Microchip | PIC16C62B            |        |
| Microchip | PIC16C62B (ISP)      | (138)  |
| Microchip | PIC16C62B [SOIC28]   | (51)   |
| Microchip | PIC16C62B [SSOP28]   | (1103) |
| Microchip | PIC16C63             |        |
| Microchip | PIC16C63 (ISP)       | (138)  |
| Microchip | PIC16C63 [SOIC28]    | (51)   |
| Microchip | PIC16C63 [SSOP28]    | (1103) |
| Microchip | PIC16C63A            |        |
| Microchip | PIC16C63A (ISP)      | (138)  |
| Microchip | PIC16C63A [QFN28]    | (635)  |
| Microchip | PIC16C63A [SOIC28]   | (51)   |
| Microchip | PIC16C63A [SSOP28]   | (1103) |
| Microchip | PIC16C64             |        |
| Microchip | PIC16C64 (ISP)       | (138)  |
| Microchip | PIC16C64 [MQFP44]    | (108)  |
| Microchip | PIC16C64 [PLCC44]    | (67)   |
| Microchip | PIC16C642            |        |
| Microchip | PIC16C642 (ISP)      | (138)  |
| Microchip | PIC16C642 [SOIC28]   | (51)   |
| Microchip | PIC16C64A            |        |
| Microchip | PIC16C64A (ISP)      | (138)  |
| Microchip | PIC16C64A [MQFP44]   | (108)  |
| Microchip | PIC16C64A [PLCC44]   | (67)   |
| Microchip | PIC16C64A [TQFP44]   | (94)   |
| Microchip | PIC16C65             |        |
| Microchip | PIC16C65 (ISP)       | (138)  |
| Microchip | PIC16C65 [PLCC44]    | (67)   |
| Microchip | PIC16C65A            |        |
| Microchip | PIC16C65A (ISP)      | (138)  |

|           |                    |        |
|-----------|--------------------|--------|
| Microchip | PIC16C65A [MQFP44] | (108)  |
| Microchip | PIC16C65A [PLCC44] | (67)   |
| Microchip | PIC16C65B          |        |
| Microchip | PIC16C65B (ISP)    | (138)  |
| Microchip | PIC16C65B [MQFP44] | (108)  |
| Microchip | PIC16C65B [PLCC44] | (67)   |
| Microchip | PIC16C65B [TQFP44] | (94)   |
| Microchip | PIC16C66           |        |
| Microchip | PIC16C66 (ISP)     | (138)  |
| Microchip | PIC16C66 [SOIC28]  | (51)   |
| Microchip | PIC16C66 [SSOP28]  | (1103) |
| Microchip | PIC16C662          |        |
| Microchip | PIC16C662 (ISP)    | (138)  |
| Microchip | PIC16C662 [PLCC44] | (67)   |
| Microchip | PIC16C662 [TQFP44] | (94)   |
| Microchip | PIC16C67           |        |
| Microchip | PIC16C67 (ISP)     | (138)  |
| Microchip | PIC16C67 [MQFP44]  | (108)  |
| Microchip | PIC16C67 [PLCC44]  | (67)   |
| Microchip | PIC16C67 [TQFP44]  | (94)   |
| Microchip | PIC16C71           |        |
| Microchip | PIC16C71 (ISP)     | (138)  |
| Microchip | PIC16C71 [SOIC18]  | (1061) |
| Microchip | PIC16C710          |        |
| Microchip | PIC16C710 (ISP)    | (138)  |
| Microchip | PIC16C710 [SOIC18] | (1061) |
| Microchip | PIC16C710 [SSOP20] | (91)   |
| Microchip | PIC16C711          |        |
| Microchip | PIC16C711 (ISP)    | (138)  |
| Microchip | PIC16C711 [SOIC18] | (1061) |
| Microchip | PIC16C711 [SSOP20] | (91)   |
| Microchip | PIC16C712          |        |
| Microchip | PIC16C712 (ISP)    | (138)  |
| Microchip | PIC16C712 [SOIC18] | (1061) |
| Microchip | PIC16C712 [SSOP20] | (91)   |
| Microchip | PIC16C715          |        |
| Microchip | PIC16C715 (ISP)    | (138)  |
| Microchip | PIC16C715 [SOIC18] | (1061) |
| Microchip | PIC16C715 [SSOP20] | (91)   |
| Microchip | PIC16C716          |        |
| Microchip | PIC16C716 (ISP)    | (138)  |
| Microchip | PIC16C716 [SOIC18] | (1061) |
| Microchip | PIC16C716 [SSOP20] | (91)   |
| Microchip | PIC16C717          |        |
| Microchip | PIC16C717 (ISP)    | (138)  |
| Microchip | PIC16C717 [SOIC18] | (1061) |
| Microchip | PIC16C717 [SSOP20] | (91)   |
| Microchip | PIC16C72           |        |
| Microchip | PIC16C72 (ISP)     | (138)  |
| Microchip | PIC16C72 [SOIC28]  | (51)   |
| Microchip | PIC16C72 [SSOP28]  | (1103) |
| Microchip | PIC16C72A          |        |
| Microchip | PIC16C72A (ISP)    | (138)  |
| Microchip | PIC16C72A [SOIC28] | (51)   |
| Microchip | PIC16C72A [SSOP28] | (1103) |
| Microchip | PIC16C73           |        |
| Microchip | PIC16C73 (ISP)     | (138)  |
| Microchip | PIC16C73 [SOIC28]  | (51)   |
| Microchip | PIC16C73 [SSOP28]  | (1103) |
| Microchip | PIC16C73A          |        |
| Microchip | PIC16C73A (ISP)    | (138)  |
| Microchip | PIC16C73A [SOIC28] | (51)   |
| Microchip | PIC16C73A [SSOP28] | (1103) |
| Microchip | PIC16C73B          |        |
| Microchip | PIC16C73B (ISP)    | (138)  |
| Microchip | PIC16C73B [QFN28]  | (635)  |
| Microchip | PIC16C73B [SOIC28] | (51)   |
| Microchip | PIC16C73B [SSOP28] | (1103) |
| Microchip | PIC16C74           |        |
| Microchip | PIC16C74 (ISP)     | (138)  |
| Microchip | PIC16C74 [PLCC44]  | (67)   |
| Microchip | PIC16C745          |        |
| Microchip | PIC16C745 (ISP)    | (138)  |
| Microchip | PIC16C745 [SOIC28] | (51)   |
| Microchip | PIC16C74A          |        |
| Microchip | PIC16C74A (ISP)    | (138)  |
| Microchip | PIC16C74A [PLCC44] | (67)   |
| Microchip | PIC16C74A [TQFP44] | (94)   |
| Microchip | PIC16C74B          |        |
| Microchip | PIC16C74B (ISP)    | (138)  |
| Microchip | PIC16C74B [MQFP44] | (108)  |
| Microchip | PIC16C74B [PLCC44] | (67)   |
| Microchip | PIC16C74B [TQFP44] | (94)   |
| Microchip | PIC16C76           |        |
| Microchip | PIC16C76 (ISP)     | (138)  |
| Microchip | PIC16C76 [SOIC28]  | (51)   |
| Microchip | PIC16C765          |        |
| Microchip | PIC16C765 (ISP)    | (138)  |
| Microchip | PIC16C765 [PLCC44] | (67)   |
| Microchip | PIC16C765 [TQFP44] | (94)   |
| Microchip | PIC16C77           |        |
| Microchip | PIC16C77 (ISP)     | (138)  |
| Microchip | PIC16C77 [PLCC44]  | (67)   |
| Microchip | PIC16C77 [TQFP44]  | (94)   |
| Microchip | PIC16C770          |        |
| Microchip | PIC16C770 (ISP)    | (138)  |
| Microchip | PIC16C770 [SOIC20] | (119)  |
| Microchip | PIC16C770 [SSOP20] | (91)   |
| Microchip | PIC16C771          |        |
| Microchip | PIC16C771 (ISP)    | (138)  |
| Microchip | PIC16C771 [SOIC20] | (119)  |
| Microchip | PIC16C771 [SSOP20] | (91)   |
| Microchip | PIC16C773          |        |
| Microchip | PIC16C773 (ISP)    | (138)  |
| Microchip | PIC16C773 [SOIC28] | (51)   |
| Microchip | PIC16C773 [SSOP28] | (1103) |
| Microchip | PIC16C774          |        |
| Microchip | PIC16C774 (ISP)    | (138)  |
| Microchip | PIC16C774 [MQFP44] | (108)  |
| Microchip | PIC16C774 [PLCC44] | (67)   |
| Microchip | PIC16C774 [TQFP44] | (94)   |
| Microchip | PIC16C781          |        |
| Microchip | PIC16C781 (ISP)    | (138)  |
| Microchip | PIC16C781 [SOIC20] | (119)  |
| Microchip | PIC16C781 [SSOP20] | (91)   |
| Microchip | PIC16C782          |        |
| Microchip | PIC16C782 (ISP)    | (138)  |
| Microchip | PIC16C782 [SOIC20] | (119)  |
| Microchip | PIC16C782 [SSOP20] | (91)   |
| Microchip | PIC16C84           |        |
| Microchip | PIC16C84 (ISP)     | (138)  |
| Microchip | PIC16C84 [SOIC18]  | (1061) |
| Microchip | PIC16C923          |        |
| Microchip | PIC16C923 (ISP)    | (138)  |
| Microchip | PIC16C923 [PLCC68] | (79)   |
| Microchip | PIC16C923 [TQFP64] | (104)  |
| Microchip | PIC16C924          |        |
| Microchip | PIC16C924 (ISP)    | (138)  |
| Microchip | PIC16C924 [PLCC68] | (79)   |
| Microchip | PIC16C924 [TQFP64] | (104)  |

|           |             |               |        |
|-----------|-------------|---------------|--------|
| Microchip | PIC16C925   | (ISP)         | (138)  |
| Microchip | PIC16C925   | [PLCC68]      | (79)   |
| Microchip | PIC16C925   | [TQFP64]      | (104)  |
| Microchip | PIC16C926   | (ISP)         | (138)  |
| Microchip | PIC16C926   | [PLCC68]      | (79)   |
| Microchip | PIC16C926   | [TQFP64]      | (104)  |
| Microchip | PIC16CE623  |               |        |
| Microchip | PIC16CE623  | (ISP)         | (138)  |
| Microchip | PIC16CE623  | [SOIC18]      | (1061) |
| Microchip | PIC16CE623  | [SSOP20]      | (91)   |
| Microchip | PIC16CE624  |               |        |
| Microchip | PIC16CE624  | (ISP)         | (138)  |
| Microchip | PIC16CE624  | [SOIC18]      | (1061) |
| Microchip | PIC16CE624  | [SSOP20]      | (91)   |
| Microchip | PIC16CE625  |               |        |
| Microchip | PIC16CE625  | (ISP)         | (138)  |
| Microchip | PIC16CE625  | [SOIC18]      | (1061) |
| Microchip | PIC16CE625  | [SSOP20]      | (91)   |
| Microchip | PIC16F1454  |               |        |
| Microchip | PIC16F1454  | (ISP)         | (138)  |
| Microchip | PIC16F1454  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1454  | [QFN16]       | (883)  |
| Microchip | PIC16F1454  | [SOIC14]      | (951)  |
| Microchip | PIC16F1454  | [TSSOP14]     | (1087) |
| Microchip | PIC16F1454  | [UQFN16]      | (3390) |
| Microchip | PIC16F1455  |               |        |
| Microchip | PIC16F1455  | (ISP)         | (138)  |
| Microchip | PIC16F1455  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1455  | [QFN16]       | (883)  |
| Microchip | PIC16F1455  | [SOIC14]      | (951)  |
| Microchip | PIC16F1455  | [TSSOP14]     | (1087) |
| Microchip | PIC16F1455  | [UQFN16]      | (3390) |
| Microchip | PIC16F1459  |               |        |
| Microchip | PIC16F1459  | (ISP)         | (138)  |
| Microchip | PIC16F1459  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1459  | [QFN20]       | (575)  |
| Microchip | PIC16F1459  | [SOIC20]      | (119)  |
| Microchip | PIC16F1459  | [SSOP20]      | (91)   |
| Microchip | PIC16F1459  | [UQFN20]      | (3235) |
| Microchip | PIC16F1503  |               |        |
| Microchip | PIC16F1503  | (ISP)         | (138)  |
| Microchip | PIC16F1503  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1503  | [QFN16]       | (1069) |
| Microchip | PIC16F1503  | [SOIC14]      | (951)  |
| Microchip | PIC16F1503  | [TSSOP14]     | (1087) |
| Microchip | PIC16F1503  | [UQFN16]      | (1069) |
| Microchip | PIC16F1507  |               |        |
| Microchip | PIC16F1507  | (ISP)         | (138)  |
| Microchip | PIC16F1507  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1507  | [QFN20]       | (575)  |
| Microchip | PIC16F1507  | [SOIC20]      | (119)  |
| Microchip | PIC16F1507  | [SSOP20]      | (91)   |
| Microchip | PIC16F1507  | [UQFN20]      | (3235) |
| Microchip | PIC16F1508  |               |        |
| Microchip | PIC16F1508  | (ISP)         | (138)  |
| Microchip | PIC16F1508  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1508  | [QFN20]       | (575)  |
| Microchip | PIC16F1508  | [SOIC20]      | (119)  |
| Microchip | PIC16F1508  | [SSOP20]      | (91)   |
| Microchip | PIC16F1508  | [UQFN20]      | (3235) |
| Microchip | PIC16F1509  |               |        |
| Microchip | PIC16F1509  | (ISP)         | (138)  |
| Microchip | PIC16F1509  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1509  | [QFN20]       | (575)  |
| Microchip | PIC16F1509  | [SOIC20]      | (119)  |
| Microchip | PIC16F1509  | [SSOP20]      | (91)   |
| Microchip | PIC16F1509  | [UQFN20]      | (3235) |
| Microchip | PIC16F1512  |               |        |
| Microchip | PIC16F1512  | (ISP)         | (138)  |
| Microchip | PIC16F1512  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1512  | [SOIC28]      | (51)   |
| Microchip | PIC16F1512  | [SSOP28]      | (1103) |
| Microchip | PIC16F1512  | [UQFN28]      | (1550) |
| Microchip | PIC16F1513  |               |        |
| Microchip | PIC16F1513  | (ISP)         | (138)  |
| Microchip | PIC16F1513  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1513  | [SOIC28]      | (51)   |
| Microchip | PIC16F1513  | [SSOP28]      | (1103) |
| Microchip | PIC16F1513  | [UQFN28]      | (1550) |
| Microchip | PIC16F1516  |               |        |
| Microchip | PIC16F1516  | (ISP)         | (138)  |
| Microchip | PIC16F1516  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1516  | [SOIC28]      | (51)   |
| Microchip | PIC16F1516  | [SSOP28]      | (1103) |
| Microchip | PIC16F1516  | [UQFN28]      | (1550) |
| Microchip | PIC16F1517  |               |        |
| Microchip | PIC16F1517  | (ISP)         | (138)  |
| Microchip | PIC16F1517  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1517  | [TQFP44]      | (94)   |
| Microchip | PIC16F1517  | [UQFN40]      | (2263) |
| Microchip | PIC16F1518  |               |        |
| Microchip | PIC16F1518  | (ISP)         | (138)  |
| Microchip | PIC16F1518  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1518  | [SOIC28]      | (51)   |
| Microchip | PIC16F1518  | [SSOP28]      | (1103) |
| Microchip | PIC16F1518  | [UQFN28]      | (1550) |
| Microchip | PIC16F1519  |               |        |
| Microchip | PIC16F1519  | (ISP)         | (138)  |
| Microchip | PIC16F1519  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1519  | [TQFP44]      | (94)   |
| Microchip | PIC16F1519  | [UQFN40]      | (2263) |
| Microchip | PIC16F1526  |               |        |
| Microchip | PIC16F1526  | (ISP)         | (138)  |
| Microchip | PIC16F1526  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1526  | [QFN64]       | (1458) |
| Microchip | PIC16F1526  | [TQFP64]      | (104)  |
| Microchip | PIC16F1527  |               |        |
| Microchip | PIC16F1527  | (ISP)         | (138)  |
| Microchip | PIC16F1527  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1527  | [QFN64]       | (1458) |
| Microchip | PIC16F1527  | [TQFP64]      | (104)  |
| Microchip | PIC16F15313 |               |        |
| Microchip | PIC16F15313 | (ISP)         | (138)  |
| Microchip | PIC16F15313 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F15313 | [DFN8 3x3]    | (1420) |
| Microchip | PIC16F15313 | [SOIC8]       | (950)  |
| Microchip | PIC16F15323 |               |        |
| Microchip | PIC16F15323 | (ISP)         | (138)  |
| Microchip | PIC16F15323 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F15323 | [SOIC14]      | (951)  |
| Microchip | PIC16F15323 | [TSSOP14]     | (1087) |
| Microchip | PIC16F15323 | [UQFN16]      | (3390) |
| Microchip | PIC16F15324 |               |        |
| Microchip | PIC16F15324 | (ISP)         | (138)  |
| Microchip | PIC16F15324 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F15324 | [SOIC14]      | (951)  |
| Microchip | PIC16F15324 | [TSSOP14]     | (1087) |
| Microchip | PIC16F15324 | [UQFN16]      | (3390) |
| Microchip | PIC16F15325 |               |        |
| Microchip | PIC16F15325 | (ISP)         | (138)  |



|           |             |               |        |
|-----------|-------------|---------------|--------|
| Microchip | PIC16F15325 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F15325 | [SOIC14]      | (951)  |
| Microchip | PIC16F15325 | [TSSOP14]     | (1087) |
| Microchip | PIC16F15325 | [UQFN16]      | (3390) |
| Microchip | PIC16F15344 |               |        |
| Microchip | PIC16F15344 | (ISP)         | (138)  |
| Microchip | PIC16F15344 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F15344 | [QFN20]       | (3235) |
| Microchip | PIC16F15344 | [SOIC20]      | (119)  |
| Microchip | PIC16F15344 | [SSOP20]      | (91)   |
| Microchip | PIC16F15345 |               |        |
| Microchip | PIC16F15345 | (ISP)         | (138)  |
| Microchip | PIC16F15345 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F15345 | [QFN20]       | (3235) |
| Microchip | PIC16F15345 | [SOIC20]      | (119)  |
| Microchip | PIC16F15345 | [SSOP20]      | (91)   |
| Microchip | PIC16F15354 |               |        |
| Microchip | PIC16F15354 | (ISP)         | (138)  |
| Microchip | PIC16F15354 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F15354 | [QFN28]       | (635)  |
| Microchip | PIC16F15354 | [SOIC28]      | (51)   |
| Microchip | PIC16F15354 | [SSOP28]      | (1103) |
| Microchip | PIC16F15354 | [UQFN28]      | (1550) |
| Microchip | PIC16F15355 |               |        |
| Microchip | PIC16F15355 | (ISP)         | (138)  |
| Microchip | PIC16F15355 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F15355 | [QFN28]       | (635)  |
| Microchip | PIC16F15355 | [SOIC28]      | (51)   |
| Microchip | PIC16F15355 | [SSOP28]      | (1103) |
| Microchip | PIC16F15355 | [UQFN28]      | (1550) |
| Microchip | PIC16F15356 |               |        |
| Microchip | PIC16F15356 | (ISP)         | (138)  |
| Microchip | PIC16F15356 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F15356 | [QFN28]       | (635)  |
| Microchip | PIC16F15356 | [SOIC28]      | (51)   |
| Microchip | PIC16F15356 | [SSOP28]      | (1103) |
| Microchip | PIC16F15356 | [UQFN28]      | (1550) |
| Microchip | PIC16F15375 |               |        |
| Microchip | PIC16F15375 | (ISP)         | (138)  |
| Microchip | PIC16F15375 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F15375 | [QFN44]       | (646)  |
| Microchip | PIC16F15375 | [TQFP44]      | (94)   |
| Microchip | PIC16F15375 | [UQFN40]      | (2626) |
| Microchip | PIC16F15376 |               |        |
| Microchip | PIC16F15376 | (ISP)         | (138)  |
| Microchip | PIC16F15376 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F15376 | [QFN44]       | (646)  |
| Microchip | PIC16F15376 | [TQFP44]      | (94)   |
| Microchip | PIC16F15376 | [UQFN40]      | (2626) |
| Microchip | PIC16F15385 |               |        |
| Microchip | PIC16F15385 | (ISP)         | (138)  |
| Microchip | PIC16F15385 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F15385 | [TQFP48]      | (174)  |
| Microchip | PIC16F15385 | [UQFN48]      | (2312) |
| Microchip | PIC16F15386 |               |        |
| Microchip | PIC16F15386 | (ISP)         | (138)  |
| Microchip | PIC16F15386 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F15386 | [TQFP48]      | (174)  |
| Microchip | PIC16F15386 | [UQFN48]      | (2312) |
| Microchip | PIC16F1574  |               |        |
| Microchip | PIC16F1574  | (ISP)         | (138)  |
| Microchip | PIC16F1574  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1574  | [SOIC14]      | (951)  |
| Microchip | PIC16F1574  | [TSSOP14]     | (1087) |
| Microchip | PIC16F1574  | [UQFN16]      | (3390) |
| Microchip | PIC16F1575  |               |        |
| Microchip | PIC16F1575  | (ISP)         | (138)  |
| Microchip | PIC16F1575  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1575  | [SOIC14]      | (951)  |
| Microchip | PIC16F1575  | [TSSOP14]     | (1087) |
| Microchip | PIC16F1575  | [UQFN16]      | (3390) |
| Microchip | PIC16F1578  |               |        |
| Microchip | PIC16F1578  | (ISP)         | (138)  |
| Microchip | PIC16F1578  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1578  | [SOIC20]      | (119)  |
| Microchip | PIC16F1578  | [SSOP20]      | (91)   |
| Microchip | PIC16F1578  | [UQFN20]      | (3235) |
| Microchip | PIC16F1579  |               |        |
| Microchip | PIC16F1579  | (ISP)         | (138)  |
| Microchip | PIC16F1579  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1579  | [SOIC20]      | (119)  |
| Microchip | PIC16F1579  | [SSOP20]      | (91)   |
| Microchip | PIC16F1579  | [UQFN20]      | (3235) |
| Microchip | PIC16F1613  |               |        |
| Microchip | PIC16F1613  | (ISP)         | (138)  |
| Microchip | PIC16F1613  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1613  | [QFN16]       | (883)  |
| Microchip | PIC16F1613  | [SOIC14]      | (951)  |
| Microchip | PIC16F1613  | [TSSOP14]     | (1087) |
| Microchip | PIC16F1614  |               |        |
| Microchip | PIC16F1614  | (ISP)         | (138)  |
| Microchip | PIC16F1614  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1614  | [QFN16]       | (883)  |
| Microchip | PIC16F1614  | [SOIC14]      | (951)  |
| Microchip | PIC16F1614  | [TSSOP14]     | (1087) |
| Microchip | PIC16F1615  |               |        |
| Microchip | PIC16F1615  | (ISP)         | (138)  |
| Microchip | PIC16F1615  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1615  | [QFN16]       | (883)  |
| Microchip | PIC16F1615  | [SOIC14]      | (951)  |
| Microchip | PIC16F1615  | [TSSOP14]     | (1087) |
| Microchip | PIC16F1618  |               |        |
| Microchip | PIC16F1618  | (ISP)         | (138)  |
| Microchip | PIC16F1618  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1618  | [QFN20]       | (575)  |
| Microchip | PIC16F1618  | [SOIC20]      | (119)  |
| Microchip | PIC16F1618  | [SSOP20]      | (91)   |
| Microchip | PIC16F1618  | [UQFN20]      | (3235) |
| Microchip | PIC16F1619  |               |        |
| Microchip | PIC16F1619  | (ISP)         | (138)  |
| Microchip | PIC16F1619  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1619  | [QFN20]       | (575)  |
| Microchip | PIC16F1619  | [SOIC20]      | (119)  |
| Microchip | PIC16F1619  | [SSOP20]      | (91)   |
| Microchip | PIC16F1619  | [UQFN20]      | (3235) |
| Microchip | PIC16F1703  |               |        |
| Microchip | PIC16F1703  | (ISP)         | (138)  |
| Microchip | PIC16F1703  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1703  | [QFN16]       | (883)  |
| Microchip | PIC16F1703  | [SOIC14]      | (951)  |
| Microchip | PIC16F1703  | [TSSOP14]     | (1087) |
| Microchip | PIC16F1704  |               |        |
| Microchip | PIC16F1704  | (ISP)         | (138)  |
| Microchip | PIC16F1704  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1704  | [QFN16]       | (883)  |
| Microchip | PIC16F1704  | [SOIC14]      | (951)  |
| Microchip | PIC16F1704  | [TSSOP14]     | (1087) |
| Microchip | PIC16F1705  |               |        |
| Microchip | PIC16F1705  | (ISP)         | (138)  |
| Microchip | PIC16F1705  | (ISP-ext.VDD) | (138)  |

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| Microchip | PIC16F1705 | [QFN16]       | (883)  |
| Microchip | PIC16F1705 | [SOIC14]      | (951)  |
| Microchip | PIC16F1705 | [TSSOP14]     | (1087) |
| Microchip | PIC16F1707 |               |        |
| Microchip | PIC16F1707 | (ISP)         | (138)  |
| Microchip | PIC16F1707 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1707 | [QFN20]       | (575)  |
| Microchip | PIC16F1707 | [SOIC20]      | (119)  |
| Microchip | PIC16F1707 | [SSOP20]      | (91)   |
| Microchip | PIC16F1708 |               |        |
| Microchip | PIC16F1708 | (ISP)         | (138)  |
| Microchip | PIC16F1708 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1708 | [QFN20]       | (575)  |
| Microchip | PIC16F1708 | [SOIC20]      | (119)  |
| Microchip | PIC16F1708 | [SSOP20]      | (91)   |
| Microchip | PIC16F1709 |               |        |
| Microchip | PIC16F1709 | (ISP)         | (138)  |
| Microchip | PIC16F1709 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1709 | [QFN20]       | (575)  |
| Microchip | PIC16F1709 | [SOIC20]      | (119)  |
| Microchip | PIC16F1709 | [SSOP20]      | (91)   |
| Microchip | PIC16F1713 |               |        |
| Microchip | PIC16F1713 | (ISP)         | (138)  |
| Microchip | PIC16F1713 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1713 | [QFN28]       | (635)  |
| Microchip | PIC16F1713 | [SOIC28]      | (51)   |
| Microchip | PIC16F1713 | [SSOP28]      | (1103) |
| Microchip | PIC16F1713 | [UQFN28]      | (1550) |
| Microchip | PIC16F1716 |               |        |
| Microchip | PIC16F1716 | (ISP)         | (138)  |
| Microchip | PIC16F1716 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1716 | [QFN28]       | (635)  |
| Microchip | PIC16F1716 | [SOIC28]      | (51)   |
| Microchip | PIC16F1716 | [SSOP28]      | (1103) |
| Microchip | PIC16F1716 | [UQFN28]      | (1550) |
| Microchip | PIC16F1717 |               |        |
| Microchip | PIC16F1717 | (ISP)         | (138)  |
| Microchip | PIC16F1717 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1717 | [TQFP44]      | (94)   |
| Microchip | PIC16F1717 | [UQFN40]      | (2263) |
| Microchip | PIC16F1718 |               |        |
| Microchip | PIC16F1718 | (ISP)         | (138)  |
| Microchip | PIC16F1718 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1718 | [QFN28]       | (635)  |
| Microchip | PIC16F1718 | [SOIC28]      | (51)   |
| Microchip | PIC16F1718 | [SSOP28]      | (1103) |
| Microchip | PIC16F1718 | [UQFN28]      | (1550) |
| Microchip | PIC16F1719 |               |        |
| Microchip | PIC16F1719 | (ISP)         | (138)  |
| Microchip | PIC16F1719 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1719 | [TQFP44]      | (94)   |
| Microchip | PIC16F1719 | [UQFN40]      | (2263) |
| Microchip | PIC16F1764 |               |        |
| Microchip | PIC16F1764 | (ISP)         | (138)  |
| Microchip | PIC16F1764 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1764 | [QFN16]       | (883)  |
| Microchip | PIC16F1764 | [SOIC14]      | (951)  |
| Microchip | PIC16F1764 | [TSSOP14]     | (1087) |
| Microchip | PIC16F1765 |               |        |
| Microchip | PIC16F1765 | (ISP)         | (138)  |
| Microchip | PIC16F1765 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1765 | [QFN16]       | (883)  |
| Microchip | PIC16F1765 | [SOIC14]      | (951)  |
| Microchip | PIC16F1765 | [TSSOP14]     | (1087) |
| Microchip | PIC16F1768 |               |        |
| Microchip | PIC16F1768 | (ISP)         | (138)  |
| Microchip | PIC16F1768 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1768 | [QFN20]       | (575)  |
| Microchip | PIC16F1768 | [SOIC20]      | (119)  |
| Microchip | PIC16F1768 | [SSOP20]      | (91)   |
| Microchip | PIC16F1769 |               |        |
| Microchip | PIC16F1769 | (ISP)         | (138)  |
| Microchip | PIC16F1769 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1769 | [QFN20]       | (575)  |
| Microchip | PIC16F1769 | [SOIC20]      | (119)  |
| Microchip | PIC16F1769 | [SSOP20]      | (91)   |
| Microchip | PIC16F1773 |               |        |
| Microchip | PIC16F1773 | (ISP)         | (138)  |
| Microchip | PIC16F1773 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1773 | [SOIC28]      | (51)   |
| Microchip | PIC16F1773 | [SSOP28]      | (1103) |
| Microchip | PIC16F1773 | [UQFN28]      | (4642) |
| Microchip | PIC16F1776 |               |        |
| Microchip | PIC16F1776 | (ISP)         | (138)  |
| Microchip | PIC16F1776 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1776 | [SOIC28]      | (51)   |
| Microchip | PIC16F1776 | [SSOP28]      | (1103) |
| Microchip | PIC16F1776 | [UQFN28]      | (4642) |
| Microchip | PIC16F1777 |               |        |
| Microchip | PIC16F1777 | (ISP)         | (138)  |
| Microchip | PIC16F1777 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1777 | [QFN44]       | (646)  |
| Microchip | PIC16F1777 | [TQFP44]      | (94)   |
| Microchip | PIC16F1777 | [UQFN40]      | (2263) |
| Microchip | PIC16F1778 |               |        |
| Microchip | PIC16F1778 | (ISP)         | (138)  |
| Microchip | PIC16F1778 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1778 | [SOIC28]      | (51)   |
| Microchip | PIC16F1778 | [SSOP28]      | (1103) |
| Microchip | PIC16F1779 |               |        |
| Microchip | PIC16F1779 | (ISP)         | (138)  |
| Microchip | PIC16F1779 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1779 | [QFN44]       | (646)  |
| Microchip | PIC16F1779 | [TQFP44]      | (94)   |
| Microchip | PIC16F1779 | [UQFN40]      | (2263) |
| Microchip | PIC16F1782 |               |        |
| Microchip | PIC16F1782 | (ISP)         | (138)  |
| Microchip | PIC16F1782 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1782 | [QFN28]       | (635)  |
| Microchip | PIC16F1782 | [SOIC28]      | (51)   |
| Microchip | PIC16F1782 | [SSOP28]      | (1103) |
| Microchip | PIC16F1782 | [UQFN28]      | (1550) |
| Microchip | PIC16F1783 |               |        |
| Microchip | PIC16F1783 | (ISP)         | (138)  |
| Microchip | PIC16F1783 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1783 | [QFN28]       | (635)  |
| Microchip | PIC16F1783 | [SOIC28]      | (51)   |
| Microchip | PIC16F1783 | [SSOP28]      | (1103) |
| Microchip | PIC16F1783 | [UQFN28]      | (1550) |
| Microchip | PIC16F1784 |               |        |
| Microchip | PIC16F1784 | (ISP)         | (138)  |
| Microchip | PIC16F1784 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1784 | [QFN44]       | (646)  |
| Microchip | PIC16F1784 | [TQFP44]      | (94)   |
| Microchip | PIC16F1784 | [UQFN40]      | (2263) |
| Microchip | PIC16F1786 |               |        |
| Microchip | PIC16F1786 | (ISP)         | (138)  |
| Microchip | PIC16F1786 | (ISP-ext.VDD) | (138)  |

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| Microchip | PIC16F1786    | [QFN28]        | (635)  |
| Microchip | PIC16F1786    | [SOIC28]       | (51)   |
| Microchip | PIC16F1786    | [SSOP28]       | (1103) |
| Microchip | PIC16F1787    |                |        |
| Microchip | PIC16F1787    | (ISP)          | (138)  |
| Microchip | PIC16F1787    | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F1787    | [QFN44]        | (646)  |
| Microchip | PIC16F1787    | [TQFP44]       | (94)   |
| Microchip | PIC16F1787    | [UQFN40]       | (2263) |
| Microchip | PIC16F1788    |                |        |
| Microchip | PIC16F1788    | (ISP)          | (138)  |
| Microchip | PIC16F1788    | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F1788    | [QFN28]        | (635)  |
| Microchip | PIC16F1788    | [SOIC28]       | (51)   |
| Microchip | PIC16F1788    | [SSOP28]       | (1103) |
| Microchip | PIC16F1789    |                |        |
| Microchip | PIC16F1789    | (ISP)          | (138)  |
| Microchip | PIC16F1789    | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F1789    | [QFN44]        | (646)  |
| Microchip | PIC16F1789    | [TQFP44]       | (94)   |
| Microchip | PIC16F1789    | [UQFN40]       | (2263) |
| Microchip | PIC16F1823    |                |        |
| Microchip | PIC16F1823    | (ISP)          | (138)  |
| Microchip | PIC16F1823    | (ISP) (INP-01) | (138)  |
| Microchip | PIC16F1823    | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F1823    | [QFN16]        | (883)  |
| Microchip | PIC16F1823    | [SOIC14]       | (951)  |
| Microchip | PIC16F1823    | [TSSOP14]      | (1087) |
| Microchip | PIC16F1823    | [UQFN16]       | (3390) |
| Microchip | PIC16F1824    |                |        |
| Microchip | PIC16F1824    | (ISP)          | (138)  |
| Microchip | PIC16F1824    | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F1824    | [QFN16]        | (883)  |
| Microchip | PIC16F1824    | [SOIC14]       | (951)  |
| Microchip | PIC16F1824    | [TSSOP14]      | (1087) |
| Microchip | PIC16F1824    | [UQFN16]       | (3390) |
| Microchip | PIC16F1825    |                |        |
| Microchip | PIC16F1825    | (ISP)          | (138)  |
| Microchip | PIC16F1825    | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F1825    | [QFN16]        | (883)  |
| Microchip | PIC16F1825    | [SOIC14]       | (951)  |
| Microchip | PIC16F1825    | [TSSOP14]      | (1087) |
| Microchip | PIC16F1825    | [UQFN16]       | (3390) |
| Microchip | PIC16F1826    |                |        |
| Microchip | PIC16F1826    | (ISP)          | (138)  |
| Microchip | PIC16F1826    | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F1826    | [QFN28]        | (635)  |
| Microchip | PIC16F1826    | [SOIC18]       | (1061) |
| Microchip | PIC16F1826    | [SSOP20]       | (91)   |
| Microchip | PIC16F1826    | [UQFN28]       | (1550) |
| Microchip | PIC16F1827    |                |        |
| Microchip | PIC16F1827    | (ISP)          | (138)  |
| Microchip | PIC16F1827    | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F1827    | [QFN28]        | (635)  |
| Microchip | PIC16F1827    | [SOIC18]       | (1061) |
| Microchip | PIC16F1827    | [SSOP20]       | (91)   |
| Microchip | PIC16F1827    | [UQFN28]       | (1550) |
| Microchip | PIC16F1828    |                |        |
| Microchip | PIC16F1828    | (ISP)          | (138)  |
| Microchip | PIC16F1828    | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F1828    | [QFN20]        | (575)  |
| Microchip | PIC16F1828    | [SOIC20]       | (119)  |
| Microchip | PIC16F1828    | [SSOP20]       | (91)   |
| Microchip | PIC16F1828    | [TSSOP20]      | (1089) |
| Microchip | PIC16F1829    |                |        |
| Microchip | PIC16F1829    | (ISP)          | (138)  |
| Microchip | PIC16F1829    | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F1829    | [QFN20]        | (575)  |
| Microchip | PIC16F1829    | [SOIC20]       | (119)  |
| Microchip | PIC16F1829    | [SSOP20]       | (91)   |
| Microchip | PIC16F1829    | [TSSOP20]      | (1089) |
| Microchip | PIC16F1829LIN | [SSOP20]       | (91)   |
| Microchip | PIC16F18313   |                |        |
| Microchip | PIC16F18313   | (ISP)          | (138)  |
| Microchip | PIC16F18313   | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F18313   | [DFN8 3x3]     | (1420) |
| Microchip | PIC16F18313   | [SOIC8]        | (950)  |
| Microchip | PIC16F18323   |                |        |
| Microchip | PIC16F18323   | (ISP)          | (138)  |
| Microchip | PIC16F18323   | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F18323   | [SOIC14]       | (951)  |
| Microchip | PIC16F18323   | [TSSOP14]      | (1087) |
| Microchip | PIC16F18323   | [UQFN16]       | (3390) |
| Microchip | PIC16F18324   |                |        |
| Microchip | PIC16F18324   | (ISP)          | (138)  |
| Microchip | PIC16F18324   | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F18324   | [SOIC14]       | (951)  |
| Microchip | PIC16F18324   | [TSSOP14]      | (1087) |
| Microchip | PIC16F18324   | [UQFN16]       | (3390) |
| Microchip | PIC16F18325   |                |        |
| Microchip | PIC16F18325   | (ISP)          | (138)  |
| Microchip | PIC16F18325   | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F18325   | [SOIC14]       | (951)  |
| Microchip | PIC16F18325   | [TSSOP14]      | (1087) |
| Microchip | PIC16F18325   | [UQFN16]       | (3390) |
| Microchip | PIC16F18326   |                |        |
| Microchip | PIC16F18326   | (ISP)          | (138)  |
| Microchip | PIC16F18326   | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F18326   | [SOIC14]       | (951)  |
| Microchip | PIC16F18326   | [TSSOP14]      | (1087) |
| Microchip | PIC16F18326   | [UQFN16]       | (3390) |
| Microchip | PIC16F18344   |                |        |
| Microchip | PIC16F18344   | (ISP)          | (138)  |
| Microchip | PIC16F18344   | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F18344   | [QFN20]        | (3235) |
| Microchip | PIC16F18344   | [SOIC20]       | (119)  |
| Microchip | PIC16F18344   | [SSOP20]       | (91)   |
| Microchip | PIC16F18345   |                |        |
| Microchip | PIC16F18345   | (ISP)          | (138)  |
| Microchip | PIC16F18345   | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F18345   | [QFN20]        | (3235) |
| Microchip | PIC16F18345   | [SOIC20]       | (119)  |
| Microchip | PIC16F18345   | [SSOP20]       | (91)   |
| Microchip | PIC16F18346   |                |        |
| Microchip | PIC16F18346   | (ISP)          | (138)  |
| Microchip | PIC16F18346   | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F18346   | [QFN20]        | (3235) |
| Microchip | PIC16F18346   | [SOIC20]       | (119)  |
| Microchip | PIC16F18346   | [SSOP20]       | (91)   |
| Microchip | PIC16F18424   |                |        |
| Microchip | PIC16F18424   | (ISP)          | (138)  |
| Microchip | PIC16F18424   | (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F18424   | [SOIC14]       | (951)  |
| Microchip | PIC16F18424   | [TSSOP14]      | (1087) |
| Microchip | PIC16F18424   | [UQFN16 4x4]   | (3390) |
| Microchip | PIC16F18425   |                |        |
| Microchip | PIC16F18425   | (ISP)          | (138)  |
| Microchip | PIC16F18425   | (ISP-ext.VDD)  | (138)  |

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| Microchip | PIC16F18425 | [SOIC14]      | (951)  |
| Microchip | PIC16F18425 | [TSSOP14]     | (1087) |
| Microchip | PIC16F18425 | [UQFN16 4x4]  | (3390) |
| Microchip | PIC16F18426 |               |        |
| Microchip | PIC16F18426 | (ISP)         | (138)  |
| Microchip | PIC16F18426 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F18426 | [SOIC14]      | (951)  |
| Microchip | PIC16F18426 | [TSSOP14]     | (1087) |
| Microchip | PIC16F18426 | [UQFN16 4x4]  | (3390) |
| Microchip | PIC16F18444 |               |        |
| Microchip | PIC16F18444 | (ISP)         | (138)  |
| Microchip | PIC16F18444 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F18444 | [SOIC20]      | (119)  |
| Microchip | PIC16F18444 | [SSOP20]      | (91)   |
| Microchip | PIC16F18444 | [UQFN20 4x4]  | (3235) |
| Microchip | PIC16F18445 |               |        |
| Microchip | PIC16F18445 | (ISP)         | (138)  |
| Microchip | PIC16F18445 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F18445 | [SOIC20]      | (119)  |
| Microchip | PIC16F18445 | [SSOP20]      | (91)   |
| Microchip | PIC16F18445 | [UQFN20 4x4]  | (3235) |
| Microchip | PIC16F18446 |               |        |
| Microchip | PIC16F18446 | (ISP)         | (138)  |
| Microchip | PIC16F18446 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F18446 | [SOIC20]      | (119)  |
| Microchip | PIC16F18446 | [SSOP20]      | (91)   |
| Microchip | PIC16F18446 | [UQFN20 4x4]  | (3235) |
| Microchip | PIC16F1847  |               |        |
| Microchip | PIC16F1847  | (ISP)         | (138)  |
| Microchip | PIC16F1847  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1847  | [QFN28]       | (635)  |
| Microchip | PIC16F1847  | [SOIC18]      | (1061) |
| Microchip | PIC16F1847  | [SSOP20]      | (91)   |
| Microchip | PIC16F1847  | [UQFN28]      | (1550) |
| Microchip | PIC16F18854 |               |        |
| Microchip | PIC16F18854 | (ISP)         | (138)  |
| Microchip | PIC16F18854 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F18854 | [QFN28]       | (635)  |
| Microchip | PIC16F18854 | [SOIC28]      | (51)   |
| Microchip | PIC16F18854 | [SSOP28]      | (1103) |
| Microchip | PIC16F18854 | [UQFN28]      | (1550) |
| Microchip | PIC16F18855 |               |        |
| Microchip | PIC16F18855 | (ISP)         | (138)  |
| Microchip | PIC16F18855 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F18855 | [QFN28]       | (635)  |
| Microchip | PIC16F18855 | [SOIC28]      | (51)   |
| Microchip | PIC16F18855 | [SSOP28]      | (1103) |
| Microchip | PIC16F18855 | [UQFN28]      | (1550) |
| Microchip | PIC16F18856 |               |        |
| Microchip | PIC16F18856 | (ISP)         | (138)  |
| Microchip | PIC16F18856 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F18856 | [QFN28]       | (635)  |
| Microchip | PIC16F18856 | [SOIC28]      | (51)   |
| Microchip | PIC16F18856 | [SSOP28]      | (1103) |
| Microchip | PIC16F18856 | [UQFN28]      | (1550) |
| Microchip | PIC16F18857 |               |        |
| Microchip | PIC16F18857 | (ISP)         | (138)  |
| Microchip | PIC16F18857 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F18857 | [QFN28]       | (635)  |
| Microchip | PIC16F18857 | [SOIC28]      | (51)   |
| Microchip | PIC16F18857 | [SSOP28]      | (1103) |
| Microchip | PIC16F18857 | [UQFN28]      | (1550) |
| Microchip | PIC16F18875 |               |        |
| Microchip | PIC16F18875 | (ISP)         | (138)  |
| Microchip | PIC16F18875 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F18875 | [QFN44]       | (646)  |
| Microchip | PIC16F18875 | [TQFP44]      | (94)   |
| Microchip | PIC16F18875 | [UQFN40]      | (2626) |
| Microchip | PIC16F18876 |               |        |
| Microchip | PIC16F18876 | (ISP)         | (138)  |
| Microchip | PIC16F18876 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F18876 | [QFN44]       | (646)  |
| Microchip | PIC16F18876 | [TQFP44]      | (94)   |
| Microchip | PIC16F18876 | [UQFN40]      | (2626) |
| Microchip | PIC16F18877 |               |        |
| Microchip | PIC16F18877 | (ISP)         | (138)  |
| Microchip | PIC16F18877 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F18877 | [QFN44]       | (646)  |
| Microchip | PIC16F18877 | [TQFP44]      | (94)   |
| Microchip | PIC16F18877 | [UQFN40]      | (2626) |
| Microchip | PIC16F19155 |               |        |
| Microchip | PIC16F19155 | (ISP)         | (138)  |
| Microchip | PIC16F19155 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F19155 | [SOIC28]      | (51)   |
| Microchip | PIC16F19155 | [SSOP28]      | (1103) |
| Microchip | PIC16F19155 | [UQFN28]      | (1550) |
| Microchip | PIC16F19156 |               |        |
| Microchip | PIC16F19156 | (ISP)         | (138)  |
| Microchip | PIC16F19156 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F19156 | [SOIC28]      | (51)   |
| Microchip | PIC16F19156 | [SSOP28]      | (1103) |
| Microchip | PIC16F19156 | [UQFN28]      | (1550) |
| Microchip | PIC16F19175 |               |        |
| Microchip | PIC16F19175 | (ISP)         | (138)  |
| Microchip | PIC16F19175 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F19175 | [TQFP44]      | (94)   |
| Microchip | PIC16F19175 | [UQFN40]      | (2626) |
| Microchip | PIC16F19176 |               |        |
| Microchip | PIC16F19176 | (ISP)         | (138)  |
| Microchip | PIC16F19176 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F19176 | [TQFP44]      | (94)   |
| Microchip | PIC16F19176 | [UQFN40]      | (2626) |
| Microchip | PIC16F19185 |               |        |
| Microchip | PIC16F19185 | (ISP)         | (138)  |
| Microchip | PIC16F19185 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F19185 | [TQFP48]      | (174)  |
| Microchip | PIC16F19185 | [UQFN48]      | (2312) |
| Microchip | PIC16F19186 |               |        |
| Microchip | PIC16F19186 | (ISP)         | (138)  |
| Microchip | PIC16F19186 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F19186 | [TQFP48]      | (174)  |
| Microchip | PIC16F19186 | [UQFN48]      | (2312) |
| Microchip | PIC16F19195 |               |        |
| Microchip | PIC16F19195 | (ISP)         | (138)  |
| Microchip | PIC16F19195 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F19195 | [QFN64]       | (1458) |
| Microchip | PIC16F19195 | [TQFP64]      | (104)  |
| Microchip | PIC16F19196 |               |        |
| Microchip | PIC16F19196 | (ISP)         | (138)  |
| Microchip | PIC16F19196 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F19196 | [QFN64]       | (1458) |
| Microchip | PIC16F19196 | [TQFP64]      | (104)  |
| Microchip | PIC16F19197 |               |        |
| Microchip | PIC16F19197 | (ISP)         | (138)  |
| Microchip | PIC16F19197 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F19197 | [QFN64]       | (1458) |
| Microchip | PIC16F19197 | [TQFP64]      | (104)  |
| Microchip | PIC16F1933  |               |        |
| Microchip | PIC16F1933  | (ISP)         | (138)  |
| Microchip | PIC16F1933  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1933  | [QFN28]       | (635)  |
| Microchip | PIC16F1933  | [SOIC28]      | (51)   |
| Microchip | PIC16F1933  | [SSOP28]      | (1103) |

|           |            |               |        |
|-----------|------------|---------------|--------|
| Microchip | PIC16F1933 | [UQFN28]      | (1550) |
| Microchip | PIC16F1934 |               |        |
| Microchip | PIC16F1934 | (ISP)         | (138)  |
| Microchip | PIC16F1934 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1934 | [QFN44]       | (646)  |
| Microchip | PIC16F1934 | [TQFP44]      | (94)   |
| Microchip | PIC16F1934 | [UQFN40]      | (2263) |
| Microchip | PIC16F1936 |               |        |
| Microchip | PIC16F1936 | (ISP)         | (138)  |
| Microchip | PIC16F1936 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1936 | [QFN28]       | (635)  |
| Microchip | PIC16F1936 | [SOIC28]      | (51)   |
| Microchip | PIC16F1936 | [SSOP28]      | (1103) |
| Microchip | PIC16F1936 | [UQFN28]      | (1550) |
| Microchip | PIC16F1937 |               |        |
| Microchip | PIC16F1937 | (ISP)         | (138)  |
| Microchip | PIC16F1937 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1937 | [QFN44]       | (646)  |
| Microchip | PIC16F1937 | [TQFP44]      | (94)   |
| Microchip | PIC16F1937 | [UQFN40]      | (2263) |
| Microchip | PIC16F1938 |               |        |
| Microchip | PIC16F1938 | (ISP)         | (138)  |
| Microchip | PIC16F1938 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1938 | [QFN28]       | (635)  |
| Microchip | PIC16F1938 | [SOIC28]      | (51)   |
| Microchip | PIC16F1938 | [SSOP28]      | (1103) |
| Microchip | PIC16F1938 | [UQFN28]      | (1550) |
| Microchip | PIC16F1939 |               |        |
| Microchip | PIC16F1939 | (ISP)         | (138)  |
| Microchip | PIC16F1939 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1939 | [QFN44]       | (646)  |
| Microchip | PIC16F1939 | [TQFP44]      | (94)   |
| Microchip | PIC16F1939 | [UQFN40]      | (2263) |
| Microchip | PIC16F1946 | (ISP)         | (138)  |
| Microchip | PIC16F1946 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1946 | [QFN64]       | (1458) |
| Microchip | PIC16F1946 | [TQFP64]      | (104)  |
| Microchip | PIC16F1947 | (ISP)         | (138)  |
| Microchip | PIC16F1947 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F1947 | [QFN64]       | (1458) |
| Microchip | PIC16F1947 | [TQFP64]      | (104)  |
| Microchip | PIC16F505  |               |        |
| Microchip | PIC16F505  | (ISP)         | (138)  |
| Microchip | PIC16F505  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F505  | [QFN16 3x3]   | (1069) |
| Microchip | PIC16F505  | [SOIC14]      | (951)  |
| Microchip | PIC16F505  | [TSSOP14]     | (1087) |
| Microchip | PIC16F506  |               |        |
| Microchip | PIC16F506  | (ISP)         | (138)  |
| Microchip | PIC16F506  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F506  | [SOIC14]      | (951)  |
| Microchip | PIC16F506  | [TSSOP14]     | (1087) |
| Microchip | PIC16F526  |               |        |
| Microchip | PIC16F526  | (ISP)         | (138)  |
| Microchip | PIC16F526  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F526  | [QFN16 3x3]   | (1069) |
| Microchip | PIC16F526  | [SOIC14]      | (951)  |
| Microchip | PIC16F526  | [TSSOP14]     | (1087) |
| Microchip | PIC16F527  |               |        |
| Microchip | PIC16F527  | (ISP)         | (138)  |
| Microchip | PIC16F527  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F527  | [QFN20]       | (575)  |
| Microchip | PIC16F527  | [SOIC20]      | (119)  |
| Microchip | PIC16F527  | [SSOP20]      | (91)   |
| Microchip | PIC16F527  | [UQFN20 4x4]  | (3235) |
| Microchip | PIC16F54   |               |        |
| Microchip | PIC16F54   | (ISP)         | (138)  |
| Microchip | PIC16F54   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F54   | [SOIC18]      | (1061) |
| Microchip | PIC16F54   | [SSOP20]      | (91)   |
| Microchip | PIC16F57   |               |        |
| Microchip | PIC16F57   | (ISP)         | (138)  |
| Microchip | PIC16F57   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F57   | [SOIC28]      | (51)   |
| Microchip | PIC16F57   | [SSOP28]      | (1103) |
| Microchip | PIC16F570  |               |        |
| Microchip | PIC16F570  | (ISP)         | (138)  |
| Microchip | PIC16F570  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F570  | [QFN28]       | (635)  |
| Microchip | PIC16F570  | [SOIC28]      | (51)   |
| Microchip | PIC16F570  | [SSOP28]      | (1103) |
| Microchip | PIC16F570  | [UQFN28]      | (1550) |
| Microchip | PIC16F59   |               |        |
| Microchip | PIC16F59   | (ISP)         | (138)  |
| Microchip | PIC16F59   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F59   | [TQFP44]      | (94)   |
| Microchip | PIC16F610  |               |        |
| Microchip | PIC16F610  | (ISP)         | (138)  |
| Microchip | PIC16F610  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F610  | [QFN16]       | (883)  |
| Microchip | PIC16F610  | [SOIC14]      | (951)  |
| Microchip | PIC16F610  | [TSSOP14]     | (1087) |
| Microchip | PIC16F616  |               |        |
| Microchip | PIC16F616  | (ISP)         | (138)  |
| Microchip | PIC16F616  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F616  | [QFN16]       | (883)  |
| Microchip | PIC16F616  | [SOIC14]      | (951)  |
| Microchip | PIC16F616  | [TSSOP14]     | (1087) |
| Microchip | PIC16F627  |               |        |
| Microchip | PIC16F627  | (ISP)         | (138)  |
| Microchip | PIC16F627  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F627  | [SOIC18]      | (1061) |
| Microchip | PIC16F627  | [SSOP20]      | (91)   |
| Microchip | PIC16F627A |               |        |
| Microchip | PIC16F627A | (ISP)         | (138)  |
| Microchip | PIC16F627A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F627A | [QFN28]       | (635)  |
| Microchip | PIC16F627A | [SOIC18]      | (1061) |
| Microchip | PIC16F627A | [SSOP20]      | (91)   |
| Microchip | PIC16F628  |               |        |
| Microchip | PIC16F628  | (ISP)         | (138)  |
| Microchip | PIC16F628  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F628  | [SOIC18]      | (1061) |
| Microchip | PIC16F628  | [SSOP20]      | (91)   |
| Microchip | PIC16F628A |               |        |
| Microchip | PIC16F628A | (ISP)         | (138)  |
| Microchip | PIC16F628A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F628A | [QFN28]       | (635)  |
| Microchip | PIC16F628A | [SOIC18]      | (1061) |
| Microchip | PIC16F628A | [SSOP20]      | (91)   |
| Microchip | PIC16F630  |               |        |
| Microchip | PIC16F630  | (ISP)         | (138)  |
| Microchip | PIC16F630  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F630  | [QFN16]       | (883)  |
| Microchip | PIC16F630  | [SOIC14]      | (951)  |
| Microchip | PIC16F630  | [TSSOP14]     | (1087) |
| Microchip | PIC16F631  |               |        |
| Microchip | PIC16F631  | (ISP)         | (138)  |

|           |            |               |        |
|-----------|------------|---------------|--------|
| Microchip | PIC16F631  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F631  | [QFN20]       | (575)  |
| Microchip | PIC16F631  | [SOIC20]      | (119)  |
| Microchip | PIC16F631  | [SSOP20]      | (91)   |
| Microchip | PIC16F636  |               |        |
| Microchip | PIC16F636  | (ISP)         | (138)  |
| Microchip | PIC16F636  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F636  | [QFN16]       | (883)  |
| Microchip | PIC16F636  | [SOIC14]      | (951)  |
| Microchip | PIC16F636  | [TSSOP14]     | (1087) |
| Microchip | PIC16F639  |               |        |
| Microchip | PIC16F639  | (ISP)         | (138)  |
| Microchip | PIC16F639  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F639  | [SSOP20]      | (91)   |
| Microchip | PIC16F648A |               |        |
| Microchip | PIC16F648A | (ISP)         | (138)  |
| Microchip | PIC16F648A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F648A | [QFN28]       | (635)  |
| Microchip | PIC16F648A | [SOIC18]      | (1061) |
| Microchip | PIC16F648A | [SSOP20]      | (91)   |
| Microchip | PIC16F676  |               |        |
| Microchip | PIC16F676  | (ISP)         | (138)  |
| Microchip | PIC16F676  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F676  | [QFN16]       | (883)  |
| Microchip | PIC16F676  | [SOIC14]      | (951)  |
| Microchip | PIC16F676  | [TSSOP14]     | (1087) |
| Microchip | PIC16F677  |               |        |
| Microchip | PIC16F677  | (ISP)         | (138)  |
| Microchip | PIC16F677  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F677  | [QFN20]       | (575)  |
| Microchip | PIC16F677  | [SOIC20]      | (119)  |
| Microchip | PIC16F677  | [SSOP20]      | (91)   |
| Microchip | PIC16F684  |               |        |
| Microchip | PIC16F684  | (ISP)         | (138)  |
| Microchip | PIC16F684  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F684  | [QFN16]       | (883)  |
| Microchip | PIC16F684  | [SOIC14]      | (951)  |
| Microchip | PIC16F684  | [TSSOP14]     | (1087) |
| Microchip | PIC16F685  |               |        |
| Microchip | PIC16F685  | (ISP)         | (138)  |
| Microchip | PIC16F685  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F685  | [QFN20]       | (575)  |
| Microchip | PIC16F685  | [SOIC20]      | (119)  |
| Microchip | PIC16F685  | [SSOP20]      | (91)   |
| Microchip | PIC16F687  |               |        |
| Microchip | PIC16F687  | (ISP)         | (138)  |
| Microchip | PIC16F687  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F687  | [QFN20]       | (575)  |
| Microchip | PIC16F687  | [SOIC20]      | (119)  |
| Microchip | PIC16F687  | [SSOP20]      | (91)   |
| Microchip | PIC16F688  |               |        |
| Microchip | PIC16F688  | (ISP)         | (138)  |
| Microchip | PIC16F688  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F688  | [QFN16]       | (883)  |
| Microchip | PIC16F688  | [SOIC14]      | (951)  |
| Microchip | PIC16F688  | [TSSOP14]     | (1087) |
| Microchip | PIC16F689  |               |        |
| Microchip | PIC16F689  | (ISP)         | (138)  |
| Microchip | PIC16F689  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F689  | [QFN20]       | (575)  |
| Microchip | PIC16F689  | [SOIC20]      | (119)  |
| Microchip | PIC16F689  | [SSOP20]      | (91)   |
| Microchip | PIC16F690  |               |        |
| Microchip | PIC16F690  | (ISP)         | (138)  |
| Microchip | PIC16F690  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F690  | [QFN20]       | (575)  |
| Microchip | PIC16F690  | [SOIC20]      | (119)  |
| Microchip | PIC16F690  | [SSOP20]      | (91)   |
| Microchip | PIC16F707  |               |        |
| Microchip | PIC16F707  | (ISP)         | (138)  |
| Microchip | PIC16F707  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F707  | [QFN44]       | (646)  |
| Microchip | PIC16F707  | [TQFP44]      | (94)   |
| Microchip | PIC16F707  | [UQFN40]      | (2263) |
| Microchip | PIC16F716  |               |        |
| Microchip | PIC16F716  | (ISP)         | (138)  |
| Microchip | PIC16F716  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F716  | [SOIC18]      | (1061) |
| Microchip | PIC16F716  | [SSOP20]      | (91)   |
| Microchip | PIC16F72   |               |        |
| Microchip | PIC16F72   | (ISP)         | (138)  |
| Microchip | PIC16F72   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F72   | [QFN28]       | (635)  |
| Microchip | PIC16F72   | [SOIC28]      | (51)   |
| Microchip | PIC16F72   | [SSOP28]      | (1103) |
| Microchip | PIC16F720  |               |        |
| Microchip | PIC16F720  | (ISP)         | (138)  |
| Microchip | PIC16F720  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F720  | [QFN20]       | (575)  |
| Microchip | PIC16F720  | [SOIC20]      | (119)  |
| Microchip | PIC16F720  | [SSOP20]      | (91)   |
| Microchip | PIC16F721  |               |        |
| Microchip | PIC16F721  | (ISP)         | (138)  |
| Microchip | PIC16F721  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F721  | [QFN20]       | (575)  |
| Microchip | PIC16F721  | [SOIC20]      | (119)  |
| Microchip | PIC16F721  | [SSOP20]      | (91)   |
| Microchip | PIC16F722  |               |        |
| Microchip | PIC16F722  | (ISP)         | (138)  |
| Microchip | PIC16F722  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F722  | [QFN28]       | (635)  |
| Microchip | PIC16F722  | [SOIC28]      | (51)   |
| Microchip | PIC16F722  | [SSOP28]      | (1103) |
| Microchip | PIC16F722A |               |        |
| Microchip | PIC16F722A | (ISP)         | (138)  |
| Microchip | PIC16F722A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F722A | [QFN28]       | (635)  |
| Microchip | PIC16F722A | [SOIC28]      | (51)   |
| Microchip | PIC16F722A | [SSOP28]      | (1103) |
| Microchip | PIC16F722A | [UQFN28]      | (1550) |
| Microchip | PIC16F723  |               |        |
| Microchip | PIC16F723  | (ISP)         | (138)  |
| Microchip | PIC16F723  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F723  | [QFN28]       | (635)  |
| Microchip | PIC16F723  | [SOIC28]      | (51)   |
| Microchip | PIC16F723  | [SSOP28]      | (1103) |
| Microchip | PIC16F723A |               |        |
| Microchip | PIC16F723A | (ISP)         | (138)  |
| Microchip | PIC16F723A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F723A | [QFN28]       | (635)  |
| Microchip | PIC16F723A | [SOIC28]      | (51)   |
| Microchip | PIC16F723A | [SSOP28]      | (1103) |
| Microchip | PIC16F723A | [UQFN28]      | (1550) |
| Microchip | PIC16F724  |               |        |
| Microchip | PIC16F724  | (ISP)         | (138)  |
| Microchip | PIC16F724  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F724  | [QFN44]       | (646)  |
| Microchip | PIC16F724  | [TQFP44]      | (94)   |

|           |                          |        |
|-----------|--------------------------|--------|
| Microchip | PIC16F724 [UQFN40]       | (2263) |
| Microchip | PIC16F726                |        |
| Microchip | PIC16F726 (ISP)          | (138)  |
| Microchip | PIC16F726 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F726 [QFN28]        | (635)  |
| Microchip | PIC16F726 [SOIC28]       | (51)   |
| Microchip | PIC16F726 [SSOP28]       | (1103) |
| Microchip | PIC16F727                |        |
| Microchip | PIC16F727 (ISP)          | (138)  |
| Microchip | PIC16F727 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F727 [QFN44]        | (646)  |
| Microchip | PIC16F727 [TQFP44]       | (94)   |
| Microchip | PIC16F727 [UQFN40]       | (2263) |
| Microchip | PIC16F73                 |        |
| Microchip | PIC16F73 (ISP)           | (138)  |
| Microchip | PIC16F73 (ISP-ext.VDD)   | (138)  |
| Microchip | PIC16F73 [QFN28]         | (635)  |
| Microchip | PIC16F73 [SOIC28]        | (51)   |
| Microchip | PIC16F73 [SSOP28]        | (1103) |
| Microchip | PIC16F737                |        |
| Microchip | PIC16F737 (ISP)          | (138)  |
| Microchip | PIC16F737 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F737 [QFN28]        | (635)  |
| Microchip | PIC16F737 [SOIC28]       | (51)   |
| Microchip | PIC16F737 [SSOP28]       | (1103) |
| Microchip | PIC16F74                 |        |
| Microchip | PIC16F74 (ISP)           | (138)  |
| Microchip | PIC16F74 (ISP-ext.VDD)   | (138)  |
| Microchip | PIC16F74 [PLCC44]        | (67)   |
| Microchip | PIC16F74 [QFN44]         | (646)  |
| Microchip | PIC16F74 [TQFP44]        | (94)   |
| Microchip | PIC16F747                |        |
| Microchip | PIC16F747 (ISP)          | (138)  |
| Microchip | PIC16F747 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F747 [QFN44]        | (646)  |
| Microchip | PIC16F747 [TQFP44]       | (94)   |
| Microchip | PIC16F753                |        |
| Microchip | PIC16F753 [QFN16]        | (883)  |
| Microchip | PIC16F753 [SOIC14]       | (951)  |
| Microchip | PIC16F753 [TSSOP14]      | (1087) |
| Microchip | PIC16F76                 |        |
| Microchip | PIC16F76 (ISP)           | (138)  |
| Microchip | PIC16F76 (ISP-ext.VDD)   | (138)  |
| Microchip | PIC16F76 [QFN28]         | (635)  |
| Microchip | PIC16F76 [SOIC28]        | (51)   |
| Microchip | PIC16F76 [SSOP28]        | (1103) |
| Microchip | PIC16F767                |        |
| Microchip | PIC16F767 (ISP)          | (138)  |
| Microchip | PIC16F767 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F767 [QFN28]        | (635)  |
| Microchip | PIC16F767 [SOIC28]       | (51)   |
| Microchip | PIC16F767 [SSOP28]       | (1103) |
| Microchip | PIC16F77                 |        |
| Microchip | PIC16F77 (ISP)           | (138)  |
| Microchip | PIC16F77 (ISP-ext.VDD)   | (138)  |
| Microchip | PIC16F77 [PLCC44]        | (67)   |
| Microchip | PIC16F77 [QFN44]         | (646)  |
| Microchip | PIC16F77 [TQFP44]        | (94)   |
| Microchip | PIC16F777                |        |
| Microchip | PIC16F777 (ISP)          | (138)  |
| Microchip | PIC16F777 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F777 [QFN44]        | (646)  |
| Microchip | PIC16F777 [TQFP44]       | (94)   |
| Microchip | PIC16F785                |        |
| Microchip | PIC16F785 (ISP)          | (138)  |
| Microchip | PIC16F785 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F785 [QFN20]        | (575)  |
| Microchip | PIC16F785 [SOIC20]       | (119)  |
| Microchip | PIC16F785 [SSOP20]       | (91)   |
| Microchip | PIC16F818                |        |
| Microchip | PIC16F818 (ISP)          | (138)  |
| Microchip | PIC16F818 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F818 [QFN28]        | (635)  |
| Microchip | PIC16F818 [SOIC18]       | (1061) |
| Microchip | PIC16F818 [SSOP20]       | (91)   |
| Microchip | PIC16F819                |        |
| Microchip | PIC16F819 (ISP)          | (138)  |
| Microchip | PIC16F819 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F819 [QFN28]        | (635)  |
| Microchip | PIC16F819 [SOIC18]       | (1061) |
| Microchip | PIC16F819 [SSOP20]       | (91)   |
| Microchip | PIC16F83                 |        |
| Microchip | PIC16F83 (ISP)           | (138)  |
| Microchip | PIC16F83 (ISP-ext.VDD)   | (138)  |
| Microchip | PIC16F83 [SOIC18]        | (1061) |
| Microchip | PIC16F84                 |        |
| Microchip | PIC16F84 (ISP)           | (138)  |
| Microchip | PIC16F84 (ISP-ext.VDD)   | (138)  |
| Microchip | PIC16F84 [SOIC18]        | (1061) |
| Microchip | PIC16F84A                |        |
| Microchip | PIC16F84A (ISP)          | (138)  |
| Microchip | PIC16F84A (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F84A [SOIC18]       | (1061) |
| Microchip | PIC16F84A [SSOP20]       | (91)   |
| Microchip | PIC16F87                 |        |
| Microchip | PIC16F87 (ISP)           | (138)  |
| Microchip | PIC16F87 (ISP-ext.VDD)   | (138)  |
| Microchip | PIC16F87 [QFN28]         | (635)  |
| Microchip | PIC16F87 [SOIC18]        | (1061) |
| Microchip | PIC16F87 [SSOP20]        | (91)   |
| Microchip | PIC16F870                |        |
| Microchip | PIC16F870 (ISP)          | (138)  |
| Microchip | PIC16F870 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F870 [SOIC28]       | (51)   |
| Microchip | PIC16F870 [SSOP28]       | (1103) |
| Microchip | PIC16F871                |        |
| Microchip | PIC16F871 (ISP)          | (138)  |
| Microchip | PIC16F871 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F871 [PLCC44]       | (67)   |
| Microchip | PIC16F871 [TQFP44]       | (94)   |
| Microchip | PIC16F872                |        |
| Microchip | PIC16F872 (ISP)          | (138)  |
| Microchip | PIC16F872 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F872 [SOIC28]       | (51)   |
| Microchip | PIC16F872 [SSOP28]       | (1103) |
| Microchip | PIC16F873                |        |
| Microchip | PIC16F873 (ISP)          | (138)  |
| Microchip | PIC16F873 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16F873 [SOIC28]       | (51)   |
| Microchip | PIC16F873 [SSOP28]       | (1103) |
| Microchip | PIC16F873A               |        |
| Microchip | PIC16F873A (ISP)         | (138)  |
| Microchip | PIC16F873A (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F873A [QFN28]       | (635)  |
| Microchip | PIC16F873A [SOIC28]      | (51)   |
| Microchip | PIC16F873A [SSOP28]      | (1103) |
| Microchip | PIC16F874                |        |
| Microchip | PIC16F874 (ISP)          | (138)  |

|           |            |               |        |
|-----------|------------|---------------|--------|
| Microchip | PIC16F874  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F874  | [MQFP44]      | (108)  |
| Microchip | PIC16F874  | [PLCC44]      | (67)   |
| Microchip | PIC16F874  | [TQFP44]      | (94)   |
| Microchip | PIC16F874A |               |        |
| Microchip | PIC16F874A | (ISP)         | (138)  |
| Microchip | PIC16F874A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F874A | [PLCC44]      | (67)   |
| Microchip | PIC16F874A | [QFN44]       | (646)  |
| Microchip | PIC16F874A | [TQFP44]      | (94)   |
| Microchip | PIC16F876  |               |        |
| Microchip | PIC16F876  | (ISP)         | (138)  |
| Microchip | PIC16F876  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F876  | [SOIC28]      | (51)   |
| Microchip | PIC16F876  | [SSOP28]      | (1103) |
| Microchip | PIC16F876A |               |        |
| Microchip | PIC16F876A | (ISP)         | (138)  |
| Microchip | PIC16F876A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F876A | [QFN28]       | (635)  |
| Microchip | PIC16F876A | [SOIC28]      | (51)   |
| Microchip | PIC16F876A | [SSOP28]      | (1103) |
| Microchip | PIC16F877  |               |        |
| Microchip | PIC16F877  | (ISP)         | (138)  |
| Microchip | PIC16F877  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F877  | [MQFP44]      | (108)  |
| Microchip | PIC16F877  | [PLCC44]      | (67)   |
| Microchip | PIC16F877  | [TQFP44]      | (94)   |
| Microchip | PIC16F877A |               |        |
| Microchip | PIC16F877A | (ISP)         | (138)  |
| Microchip | PIC16F877A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F877A | [PLCC44]      | (67)   |
| Microchip | PIC16F877A | [QFN44]       | (646)  |
| Microchip | PIC16F877A | [TQFP44]      | (94)   |
| Microchip | PIC16F88   |               |        |
| Microchip | PIC16F88   | (ISP)         | (138)  |
| Microchip | PIC16F88   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F88   | [QFN28]       | (635)  |
| Microchip | PIC16F88   | [SOIC18]      | (1061) |
| Microchip | PIC16F88   | [SSOP20]      | (91)   |
| Microchip | PIC16F882  |               |        |
| Microchip | PIC16F882  | (ISP)         | (138)  |
| Microchip | PIC16F882  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F882  | [QFN28]       | (635)  |
| Microchip | PIC16F882  | [SOIC28]      | (51)   |
| Microchip | PIC16F882  | [SSOP28]      | (1103) |
| Microchip | PIC16F883  |               |        |
| Microchip | PIC16F883  | (ISP)         | (138)  |
| Microchip | PIC16F883  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F883  | [QFN28]       | (635)  |
| Microchip | PIC16F883  | [SOIC28]      | (51)   |
| Microchip | PIC16F883  | [SSOP28]      | (1103) |
| Microchip | PIC16F884  |               |        |
| Microchip | PIC16F884  | (ISP)         | (138)  |
| Microchip | PIC16F884  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F884  | [QFN44]       | (646)  |
| Microchip | PIC16F884  | [TQFP44]      | (94)   |
| Microchip | PIC16F886  |               |        |
| Microchip | PIC16F886  | (ISP)         | (138)  |
| Microchip | PIC16F886  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F886  | [QFN28]       | (635)  |
| Microchip | PIC16F886  | [SOIC28]      | (51)   |
| Microchip | PIC16F886  | [SSOP28]      | (1103) |
| Microchip | PIC16F887  |               |        |
| Microchip | PIC16F887  | (ISP)         | (138)  |
| Microchip | PIC16F887  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F887  | [QFN44]       | (646)  |
| Microchip | PIC16F887  | [TQFP44]      | (94)   |
| Microchip | PIC16F913  |               |        |
| Microchip | PIC16F913  | (ISP)         | (138)  |
| Microchip | PIC16F913  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F913  | [QFN28]       | (635)  |
| Microchip | PIC16F913  | [SOIC28]      | (51)   |
| Microchip | PIC16F913  | [SSOP28]      | (1103) |
| Microchip | PIC16F914  |               |        |
| Microchip | PIC16F914  | (ISP)         | (138)  |
| Microchip | PIC16F914  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F914  | [QFN44]       | (646)  |
| Microchip | PIC16F914  | [TQFP44]      | (94)   |
| Microchip | PIC16F916  |               |        |
| Microchip | PIC16F916  | (ISP)         | (138)  |
| Microchip | PIC16F916  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F916  | [QFN28]       | (635)  |
| Microchip | PIC16F916  | [SOIC28]      | (51)   |
| Microchip | PIC16F916  | [SSOP28]      | (1103) |
| Microchip | PIC16F917  |               |        |
| Microchip | PIC16F917  | (ISP)         | (138)  |
| Microchip | PIC16F917  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F917  | [QFN44]       | (646)  |
| Microchip | PIC16F917  | [TQFP44]      | (94)   |
| Microchip | PIC16F946  |               |        |
| Microchip | PIC16F946  | (ISP)         | (138)  |
| Microchip | PIC16F946  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16F946  | [TQFP64]      | (691)  |
| Microchip | PIC16HV540 |               |        |
| Microchip | PIC16HV540 | [SOIC18]      | (1061) |
| Microchip | PIC16HV540 | [SSOP20]      | (91)   |
| Microchip | PIC16HV610 |               |        |
| Microchip | PIC16HV610 | (ISP)         | (138)  |
| Microchip | PIC16HV610 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16HV610 | [QFN16]       | (883)  |
| Microchip | PIC16HV610 | [SOIC14]      | (951)  |
| Microchip | PIC16HV610 | [TSSOP14]     | (1087) |
| Microchip | PIC16HV616 |               |        |
| Microchip | PIC16HV616 | (ISP)         | (138)  |
| Microchip | PIC16HV616 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16HV616 | [QFN16]       | (883)  |
| Microchip | PIC16HV616 | [SOIC14]      | (951)  |
| Microchip | PIC16HV616 | [TSSOP14]     | (1087) |
| Microchip | PIC16HV753 |               |        |
| Microchip | PIC16HV753 | [QFN16]       | (883)  |
| Microchip | PIC16HV753 | [SOIC14]      | (951)  |
| Microchip | PIC16HV753 | [TSSOP14]     | (1087) |
| Microchip | PIC16HV785 |               |        |
| Microchip | PIC16HV785 | (ISP)         | (138)  |
| Microchip | PIC16HV785 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16HV785 | [QFN20]       | (575)  |
| Microchip | PIC16HV785 | [SOIC20]      | (119)  |
| Microchip | PIC16HV785 | [SSOP20]      | (91)   |
| Microchip | PIC16LC505 |               |        |
| Microchip | PIC16LC505 | (ISP)         | (138)  |
| Microchip | PIC16LC505 | [SOIC14]      | (951)  |
| Microchip | PIC16LC54A |               |        |
| Microchip | PIC16LC54A | [SOIC18]      | (1061) |
| Microchip | PIC16LC54A | [SSOP20]      | (91)   |
| Microchip | PIC16LC54C |               |        |
| Microchip | PIC16LC54C | [SOIC18]      | (1061) |
| Microchip | PIC16LC54C | [SSOP20]      | (91)   |
| Microchip | PIC16LC554 |               |        |
| Microchip | PIC16LC554 | (ISP)         | (138)  |



|           |                      |        |
|-----------|----------------------|--------|
| Microchip | PIC16LC554 [SOIC18]  | (1061) |
| Microchip | PIC16LC554 [SSOP20]  | (91)   |
| Microchip | PIC16LC558           |        |
| Microchip | PIC16LC558 (ISP)     | (138)  |
| Microchip | PIC16LC558 [SOIC18]  | (1061) |
| Microchip | PIC16LC558 [SSOP20]  | (91)   |
| Microchip | PIC16LC55A           |        |
| Microchip | PIC16LC55A [SOIC28]  | (51)   |
| Microchip | PIC16LC55A [SSOP28]  | (1103) |
| Microchip | PIC16LC56A           |        |
| Microchip | PIC16LC56A [SOIC18]  | (1061) |
| Microchip | PIC16LC56A [SSOP20]  | (91)   |
| Microchip | PIC16LC57C           |        |
| Microchip | PIC16LC57C [SOIC28]  | (51)   |
| Microchip | PIC16LC57C [SSOP28]  | (1103) |
| Microchip | PIC16LC58A           |        |
| Microchip | PIC16LC58A [SOIC18]  | (1061) |
| Microchip | PIC16LC58A [SSOP20]  | (91)   |
| Microchip | PIC16LC58B           |        |
| Microchip | PIC16LC58B [SOIC18]  | (1061) |
| Microchip | PIC16LC58B [SSOP20]  | (91)   |
| Microchip | PIC16LC61            |        |
| Microchip | PIC16LC61 (ISP)      | (138)  |
| Microchip | PIC16LC61 [SOIC18]   | (1061) |
| Microchip | PIC16LC62            |        |
| Microchip | PIC16LC62 (ISP)      | (138)  |
| Microchip | PIC16LC62 [SOIC28]   | (51)   |
| Microchip | PIC16LC62 [SSOP28]   | (1103) |
| Microchip | PIC16LC620           |        |
| Microchip | PIC16LC620 (ISP)     | (138)  |
| Microchip | PIC16LC620 [SOIC18]  | (1061) |
| Microchip | PIC16LC620 [SSOP20]  | (91)   |
| Microchip | PIC16LC620A          |        |
| Microchip | PIC16LC620A (ISP)    | (138)  |
| Microchip | PIC16LC620A [SOIC18] | (1061) |
| Microchip | PIC16LC620A [SSOP20] | (91)   |
| Microchip | PIC16LC621           |        |
| Microchip | PIC16LC621 (ISP)     | (138)  |
| Microchip | PIC16LC621 [SOIC18]  | (1061) |
| Microchip | PIC16LC621 [SSOP20]  | (91)   |
| Microchip | PIC16LC621A          |        |
| Microchip | PIC16LC621A (ISP)    | (138)  |
| Microchip | PIC16LC621A [SOIC18] | (1061) |
| Microchip | PIC16LC621A [SSOP20] | (91)   |
| Microchip | PIC16LC622           |        |
| Microchip | PIC16LC622 (ISP)     | (138)  |
| Microchip | PIC16LC622 [SOIC18]  | (1061) |
| Microchip | PIC16LC622 [SSOP20]  | (91)   |
| Microchip | PIC16LC622A          |        |
| Microchip | PIC16LC622A (ISP)    | (138)  |
| Microchip | PIC16LC622A [SOIC18] | (1061) |
| Microchip | PIC16LC622A [SSOP20] | (91)   |
| Microchip | PIC16LC62A           |        |
| Microchip | PIC16LC62A (ISP)     | (138)  |
| Microchip | PIC16LC62A [SOIC28]  | (51)   |
| Microchip | PIC16LC62A [SSOP28]  | (1103) |
| Microchip | PIC16LC62B           |        |
| Microchip | PIC16LC62B (ISP)     | (138)  |
| Microchip | PIC16LC62B [SOIC28]  | (51)   |
| Microchip | PIC16LC62B [SSOP28]  | (1103) |
| Microchip | PIC16LC63            |        |
| Microchip | PIC16LC63 (ISP)      | (138)  |
| Microchip | PIC16LC63 [SOIC28]   | (51)   |
| Microchip | PIC16LC63 [SSOP28]   | (1103) |
| Microchip | PIC16LC63A           |        |
| Microchip | PIC16LC63A (ISP)     | (138)  |
| Microchip | PIC16LC63A [QFN28]   | (635)  |
| Microchip | PIC16LC63A [SOIC28]  | (51)   |
| Microchip | PIC16LC63A [SSOP28]  | (1103) |
| Microchip | PIC16LC64            |        |
| Microchip | PIC16LC64 (ISP)      | (138)  |
| Microchip | PIC16LC64 [MQFP44]   | (108)  |
| Microchip | PIC16LC64 [PLCC44]   | (67)   |
| Microchip | PIC16LC642           |        |
| Microchip | PIC16LC642 (ISP)     | (138)  |
| Microchip | PIC16LC642 [SOIC28]  | (51)   |
| Microchip | PIC16LC64A           |        |
| Microchip | PIC16LC64A (ISP)     | (138)  |
| Microchip | PIC16LC64A [MQFP44]  | (108)  |
| Microchip | PIC16LC64A [PLCC44]  | (67)   |
| Microchip | PIC16LC64A [TQFP44]  | (94)   |
| Microchip | PIC16LC65            |        |
| Microchip | PIC16LC65 (ISP)      | (138)  |
| Microchip | PIC16LC65 [PLCC44]   | (67)   |
| Microchip | PIC16LC65A           |        |
| Microchip | PIC16LC65A (ISP)     | (138)  |
| Microchip | PIC16LC65A [MQFP44]  | (108)  |
| Microchip | PIC16LC65A [PLCC44]  | (67)   |
| Microchip | PIC16LC65B           |        |
| Microchip | PIC16LC65B (ISP)     | (138)  |
| Microchip | PIC16LC65B [MQFP44]  | (108)  |
| Microchip | PIC16LC65B [PLCC44]  | (67)   |
| Microchip | PIC16LC65B [TQFP44]  | (94)   |
| Microchip | PIC16LC66            |        |
| Microchip | PIC16LC66 (ISP)      | (138)  |
| Microchip | PIC16LC66 [SOIC28]   | (51)   |
| Microchip | PIC16LC66 [SSOP28]   | (1103) |
| Microchip | PIC16LC662           |        |
| Microchip | PIC16LC662 (ISP)     | (138)  |
| Microchip | PIC16LC662 [PLCC44]  | (67)   |
| Microchip | PIC16LC662 [TQFP44]  | (94)   |
| Microchip | PIC16LC67            |        |
| Microchip | PIC16LC67 (ISP)      | (138)  |
| Microchip | PIC16LC67 [MQFP44]   | (108)  |
| Microchip | PIC16LC67 [PLCC44]   | (67)   |
| Microchip | PIC16LC67 [TQFP44]   | (94)   |
| Microchip | PIC16LC71            |        |
| Microchip | PIC16LC71 (ISP)      | (138)  |
| Microchip | PIC16LC71 [SOIC18]   | (1061) |
| Microchip | PIC16LC710           |        |
| Microchip | PIC16LC710 (ISP)     | (138)  |
| Microchip | PIC16LC710 [SOIC18]  | (1061) |
| Microchip | PIC16LC710 [SSOP20]  | (91)   |
| Microchip | PIC16LC711           |        |
| Microchip | PIC16LC711 (ISP)     | (138)  |
| Microchip | PIC16LC711 [SOIC18]  | (1061) |
| Microchip | PIC16LC711 [SSOP20]  | (91)   |
| Microchip | PIC16LC712           |        |
| Microchip | PIC16LC712 (ISP)     | (138)  |
| Microchip | PIC16LC712 [SOIC18]  | (1061) |
| Microchip | PIC16LC712 [SSOP20]  | (91)   |
| Microchip | PIC16LC715           |        |
| Microchip | PIC16LC715 (ISP)     | (138)  |
| Microchip | PIC16LC715 [SOIC18]  | (1061) |
| Microchip | PIC16LC715 [SSOP20]  | (91)   |
| Microchip | PIC16LC717           |        |
| Microchip | PIC16LC717 (ISP)     | (138)  |
| Microchip | PIC16LC717 [SOIC18]  | (1061) |

|           |                           |        |
|-----------|---------------------------|--------|
| Microchip | PIC16LC717 [SSOP20]       | (91)   |
| Microchip | PIC16LC72                 | (138)  |
| Microchip | PIC16LC72 (ISP)           | (51)   |
| Microchip | PIC16LC72 [SOIC28]        | (1103) |
| Microchip | PIC16LC72 [SSOP28]        | (138)  |
| Microchip | PIC16LC72A                | (51)   |
| Microchip | PIC16LC72A (ISP)          | (1103) |
| Microchip | PIC16LC72A [SOIC28]       | (138)  |
| Microchip | PIC16LC72A [SSOP28]       | (51)   |
| Microchip | PIC16LC73                 | (1103) |
| Microchip | PIC16LC73 (ISP)           | (138)  |
| Microchip | PIC16LC73 [SOIC28]        | (51)   |
| Microchip | PIC16LC73 [SSOP28]        | (1103) |
| Microchip | PIC16LC73A                | (138)  |
| Microchip | PIC16LC73A (ISP)          | (51)   |
| Microchip | PIC16LC73A [SOIC28]       | (1103) |
| Microchip | PIC16LC73A [SSOP28]       | (138)  |
| Microchip | PIC16LC73B                | (635)  |
| Microchip | PIC16LC73B (ISP)          | (51)   |
| Microchip | PIC16LC73B [QFN28]        | (1103) |
| Microchip | PIC16LC73B [SOIC28]       | (138)  |
| Microchip | PIC16LC73B [SSOP28]       | (51)   |
| Microchip | PIC16LC74                 | (1103) |
| Microchip | PIC16LC74 (ISP)           | (138)  |
| Microchip | PIC16LC74 [PLCC44]        | (67)   |
| Microchip | PIC16LC745                | (138)  |
| Microchip | PIC16LC745 (ISP)          | (51)   |
| Microchip | PIC16LC745 [SOIC28]       | (138)  |
| Microchip | PIC16LC74A                | (51)   |
| Microchip | PIC16LC74A (ISP)          | (138)  |
| Microchip | PIC16LC74A [PLCC44]       | (67)   |
| Microchip | PIC16LC74A [TQFP44]       | (94)   |
| Microchip | PIC16LC74B                | (138)  |
| Microchip | PIC16LC74B (ISP)          | (108)  |
| Microchip | PIC16LC74B [MQFP44]       | (67)   |
| Microchip | PIC16LC74B [PLCC44]       | (94)   |
| Microchip | PIC16LC74B [TQFP44]       | (138)  |
| Microchip | PIC16LC76                 | (51)   |
| Microchip | PIC16LC76 (ISP)           | (138)  |
| Microchip | PIC16LC76 [SOIC28]        | (51)   |
| Microchip | PIC16LC765                | (138)  |
| Microchip | PIC16LC765 (ISP)          | (67)   |
| Microchip | PIC16LC765 [PLCC44]       | (94)   |
| Microchip | PIC16LC765 [TQFP44]       | (138)  |
| Microchip | PIC16LC77                 | (51)   |
| Microchip | PIC16LC77 (ISP)           | (138)  |
| Microchip | PIC16LC77 [PLCC44]        | (67)   |
| Microchip | PIC16LC77 [TQFP44]        | (94)   |
| Microchip | PIC16LC770                | (138)  |
| Microchip | PIC16LC770 (ISP)          | (119)  |
| Microchip | PIC16LC770 [SOIC20]       | (91)   |
| Microchip | PIC16LC770 [SSOP20]       | (138)  |
| Microchip | PIC16LC771                | (51)   |
| Microchip | PIC16LC771 (ISP)          | (119)  |
| Microchip | PIC16LC771 [SOIC20]       | (91)   |
| Microchip | PIC16LC771 [SSOP20]       | (138)  |
| Microchip | PIC16LC773                | (51)   |
| Microchip | PIC16LC773 (ISP)          | (1103) |
| Microchip | PIC16LC773 [SOIC28]       | (138)  |
| Microchip | PIC16LC773 [SSOP28]       | (51)   |
| Microchip | PIC16LC774                | (1103) |
| Microchip | PIC16LC774 (ISP)          | (138)  |
| Microchip | PIC16LC774 [MQFP44]       | (108)  |
| Microchip | PIC16LC774 [PLCC44]       | (67)   |
| Microchip | PIC16LC774 [TQFP44]       | (94)   |
| Microchip | PIC16LC781                | (138)  |
| Microchip | PIC16LC781 (ISP)          | (119)  |
| Microchip | PIC16LC781 [SOIC20]       | (91)   |
| Microchip | PIC16LC781 [SSOP20]       | (138)  |
| Microchip | PIC16LC782                | (51)   |
| Microchip | PIC16LC782 (ISP)          | (119)  |
| Microchip | PIC16LC782 [SOIC20]       | (91)   |
| Microchip | PIC16LC782 [SSOP20]       | (138)  |
| Microchip | PIC16LC84                 | (1061) |
| Microchip | PIC16LC84 (ISP)           | (138)  |
| Microchip | PIC16LC84 [SOIC18]        | (1061) |
| Microchip | PIC16LC923                | (79)   |
| Microchip | PIC16LC923 (ISP)          | (138)  |
| Microchip | PIC16LC923 [PLCC68]       | (79)   |
| Microchip | PIC16LC923 [TQFP64]       | (104)  |
| Microchip | PIC16LC924                | (138)  |
| Microchip | PIC16LC924 (ISP)          | (79)   |
| Microchip | PIC16LC924 [PLCC68]       | (104)  |
| Microchip | PIC16LC924 [TQFP64]       | (138)  |
| Microchip | PIC16LC925                | (79)   |
| Microchip | PIC16LC925 (ISP)          | (104)  |
| Microchip | PIC16LC925 [PLCC68]       | (138)  |
| Microchip | PIC16LC925 [TQFP64]       | (79)   |
| Microchip | PIC16LC926                | (104)  |
| Microchip | PIC16LC926 (ISP)          | (138)  |
| Microchip | PIC16LC926 [PLCC68]       | (79)   |
| Microchip | PIC16LC926 [TQFP64]       | (104)  |
| Microchip | PIC16LCE623               | (138)  |
| Microchip | PIC16LCE623 (ISP)         | (1061) |
| Microchip | PIC16LCE623 [SOIC18]      | (91)   |
| Microchip | PIC16LCE623 [SSOP20]      | (138)  |
| Microchip | PIC16LCE624               | (51)   |
| Microchip | PIC16LCE624 (ISP)         | (1103) |
| Microchip | PIC16LCE624 [SOIC18]      | (138)  |
| Microchip | PIC16LCE624 [SSOP20]      | (51)   |
| Microchip | PIC16LCE625               | (138)  |
| Microchip | PIC16LCE625 (ISP)         | (1061) |
| Microchip | PIC16LCE625 [SOIC18]      | (91)   |
| Microchip | PIC16LCE625 [SSOP20]      | (138)  |
| Microchip | PIC16LF1454               | (51)   |
| Microchip | PIC16LF1454 (ISP)         | (1103) |
| Microchip | PIC16LF1454 (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1454 [QFN16]       | (883)  |
| Microchip | PIC16LF1454 [SOIC14]      | (951)  |
| Microchip | PIC16LF1454 [TSSOP14]     | (1087) |
| Microchip | PIC16LF1454 [UQFN16]      | (3390) |
| Microchip | PIC16LF1455               | (138)  |
| Microchip | PIC16LF1455 (ISP)         | (138)  |
| Microchip | PIC16LF1455 (ISP-ext.VDD) | (883)  |
| Microchip | PIC16LF1455 [QFN16]       | (951)  |
| Microchip | PIC16LF1455 [SOIC14]      | (1087) |
| Microchip | PIC16LF1455 [TSSOP14]     | (3390) |
| Microchip | PIC16LF1455 [UQFN16]      | (138)  |
| Microchip | PIC16LF1459               | (138)  |
| Microchip | PIC16LF1459 (ISP)         | (138)  |
| Microchip | PIC16LF1459 (ISP-ext.VDD) | (575)  |
| Microchip | PIC16LF1459 [QFN20]       | (119)  |
| Microchip | PIC16LF1459 [SOIC20]      | (91)   |
| Microchip | PIC16LF1459 [SSOP20]      | (3235) |
| Microchip | PIC16LF1459 [UQFN20]      | (138)  |
| Microchip | PIC16LF1503               | (138)  |
| Microchip | PIC16LF1503 (ISP)         | (1069) |
| Microchip | PIC16LF1503 (ISP-ext.VDD) | (951)  |
| Microchip | PIC16LF1503 [QFN16]       | (1087) |
| Microchip | PIC16LF1503 [SOIC14]      | (1069) |
| Microchip | PIC16LF1503 [TSSOP14]     | (1087) |
| Microchip | PIC16LF1503 [UQFN16]      | (1069) |

|           |              |                |        |
|-----------|--------------|----------------|--------|
| Microchip | PIC16LF1507  |                |        |
| Microchip | PIC16LF1507  | (ISP)          | (138)  |
| Microchip | PIC16LF1507  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF1507  | [QFN20]        | (575)  |
| Microchip | PIC16LF1507  | [SOIC20]       | (119)  |
| Microchip | PIC16LF1507  | [SSOP20]       | (91)   |
| Microchip | PIC16LF1507  | [UQFN20]       | (3235) |
| Microchip | PIC16LF1508  |                |        |
| Microchip | PIC16LF1508  | (ISP)          | (138)  |
| Microchip | PIC16LF1508  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF1508  | [QFN20]        | (575)  |
| Microchip | PIC16LF1508  | [SOIC20]       | (119)  |
| Microchip | PIC16LF1508  | [SSOP20]       | (91)   |
| Microchip | PIC16LF1508  | [UQFN20]       | (3235) |
| Microchip | PIC16LF1509  |                |        |
| Microchip | PIC16LF1509  | (ISP)          | (138)  |
| Microchip | PIC16LF1509  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF1509  | [QFN20]        | (575)  |
| Microchip | PIC16LF1509  | [SOIC20]       | (119)  |
| Microchip | PIC16LF1509  | [SSOP20]       | (91)   |
| Microchip | PIC16LF1509  | [UQFN20]       | (3235) |
| Microchip | PIC16LF1512  |                |        |
| Microchip | PIC16LF1512  | (ISP)          | (138)  |
| Microchip | PIC16LF1512  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF1512  | [SOIC28]       | (51)   |
| Microchip | PIC16LF1512  | [SSOP28]       | (1103) |
| Microchip | PIC16LF1512  | [UQFN28]       | (1550) |
| Microchip | PIC16LF1513  |                |        |
| Microchip | PIC16LF1513  | (ISP)          | (138)  |
| Microchip | PIC16LF1513  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF1513  | [SOIC28]       | (51)   |
| Microchip | PIC16LF1513  | [SSOP28]       | (1103) |
| Microchip | PIC16LF1513  | [UQFN28]       | (1550) |
| Microchip | PIC16LF1516  |                |        |
| Microchip | PIC16LF1516  | (ISP)          | (138)  |
| Microchip | PIC16LF1516  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF1516  | [SOIC28]       | (51)   |
| Microchip | PIC16LF1516  | [SSOP28]       | (1103) |
| Microchip | PIC16LF1516  | [UQFN28]       | (1550) |
| Microchip | PIC16LF1517  |                |        |
| Microchip | PIC16LF1517  | (ISP)          | (138)  |
| Microchip | PIC16LF1517  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF1517  | [TQFP44]       | (94)   |
| Microchip | PIC16LF1517  | [UQFN40]       | (2263) |
| Microchip | PIC16LF1518  |                |        |
| Microchip | PIC16LF1518  | (ISP)          | (138)  |
| Microchip | PIC16LF1518  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF1518  | [SOIC28]       | (51)   |
| Microchip | PIC16LF1518  | [SSOP28]       | (1103) |
| Microchip | PIC16LF1518  | [UQFN28]       | (1550) |
| Microchip | PIC16LF1519  |                |        |
| Microchip | PIC16LF1519  | (ISP)          | (138)  |
| Microchip | PIC16LF1519  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF1519  | [TQFP44]       | (94)   |
| Microchip | PIC16LF1519  | [UQFN40]       | (2263) |
| Microchip | PIC16LF1526  |                |        |
| Microchip | PIC16LF1526  | (ISP)          | (138)  |
| Microchip | PIC16LF1526  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF1526  | [QFN64]        | (1458) |
| Microchip | PIC16LF1526  | [TQFP64]       | (104)  |
| Microchip | PIC16LF1527  |                |        |
| Microchip | PIC16LF1527  | (ISP)          | (138)  |
| Microchip | PIC16LF1527  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF1527  | [QFN64]        | (1458) |
| Microchip | PIC16LF1527  | [TQFP64]       | (104)  |
| Microchip | PIC16LF15313 |                |        |
| Microchip | PIC16LF15313 | (ISP)          | (138)  |
| Microchip | PIC16LF15313 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF15313 | [DFN8 3x3]     | (1420) |
| Microchip | PIC16LF15313 | [SOIC8]        | (950)  |
| Microchip | PIC16LF15323 |                |        |
| Microchip | PIC16LF15323 | (ISP)          | (138)  |
| Microchip | PIC16LF15323 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF15323 | [SOIC14]       | (951)  |
| Microchip | PIC16LF15323 | [TSSOP14]      | (1087) |
| Microchip | PIC16LF15323 | [UQFN16]       | (3390) |
| Microchip | PIC16LF15324 |                |        |
| Microchip | PIC16LF15324 | (ISP)          | (138)  |
| Microchip | PIC16LF15324 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF15324 | [SOIC14]       | (951)  |
| Microchip | PIC16LF15324 | [TSSOP14]      | (1087) |
| Microchip | PIC16LF15324 | [UQFN16]       | (3390) |
| Microchip | PIC16LF15325 |                |        |
| Microchip | PIC16LF15325 | (ISP)          | (138)  |
| Microchip | PIC16LF15325 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF15325 | [SOIC14]       | (951)  |
| Microchip | PIC16LF15325 | [TSSOP14]      | (1087) |
| Microchip | PIC16LF15325 | [UQFN16]       | (3390) |
| Microchip | PIC16LF15344 |                |        |
| Microchip | PIC16LF15344 | (ISP)          | (138)  |
| Microchip | PIC16LF15344 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF15344 | [QFN20]        | (3235) |
| Microchip | PIC16LF15344 | [SOIC20]       | (119)  |
| Microchip | PIC16LF15344 | [SSOP20]       | (91)   |
| Microchip | PIC16LF15345 |                |        |
| Microchip | PIC16LF15345 | (ISP)          | (138)  |
| Microchip | PIC16LF15345 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF15345 | [QFN20]        | (3235) |
| Microchip | PIC16LF15345 | [SOIC20]       | (119)  |
| Microchip | PIC16LF15345 | [SSOP20]       | (91)   |
| Microchip | PIC16LF15354 |                |        |
| Microchip | PIC16LF15354 | (ISP)          | (138)  |
| Microchip | PIC16LF15354 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF15354 | [QFN28]        | (635)  |
| Microchip | PIC16LF15354 | [SOIC28]       | (51)   |
| Microchip | PIC16LF15354 | [SSOP28]       | (1103) |
| Microchip | PIC16LF15354 | [UQFN28]       | (1550) |
| Microchip | PIC16LF15355 |                |        |
| Microchip | PIC16LF15355 | (ISP)          | (138)  |
| Microchip | PIC16LF15355 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF15355 | [QFN28]        | (635)  |
| Microchip | PIC16LF15355 | [SOIC28]       | (51)   |
| Microchip | PIC16LF15355 | [SSOP28]       | (1103) |
| Microchip | PIC16LF15355 | [UQFN28]       | (1550) |
| Microchip | PIC16LF15356 |                |        |
| Microchip | PIC16LF15356 | (ISP)          | (138)  |
| Microchip | PIC16LF15356 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF15356 | [QFN28]        | (635)  |
| Microchip | PIC16LF15356 | [SOIC28]       | (51)   |
| Microchip | PIC16LF15356 | [SSOP28]       | (1103) |
| Microchip | PIC16LF15356 | [UQFN28]       | (1550) |
| Microchip | PIC16LF15375 |                |        |
| Microchip | PIC16LF15375 | (ISP)          | (138)  |
| Microchip | PIC16LF15375 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC16LF15375 | [QFN44]        | (646)  |
| Microchip | PIC16LF15375 | [TQFP44]       | (94)   |
| Microchip | PIC16LF15375 | [UQFN40]       | (2626) |
| Microchip | PIC16LF15376 |                |        |
| Microchip | PIC16LF15376 | (ISP)          | (138)  |
| Microchip | PIC16LF15376 | (ISP-ext. VDD) | (138)  |

|           |              |               |        |
|-----------|--------------|---------------|--------|
| Microchip | PIC16LF15376 | [QFN44]       | (646)  |
| Microchip | PIC16LF15376 | [TQFP44]      | (94)   |
| Microchip | PIC16LF15376 | [UQFN40]      | (2626) |
| Microchip | PIC16LF15385 | (ISP)         | (138)  |
| Microchip | PIC16LF15385 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF15385 | [TQFP48]      | (174)  |
| Microchip | PIC16LF15385 | [UQFN48]      | (2312) |
| Microchip | PIC16LF15386 | (ISP)         | (138)  |
| Microchip | PIC16LF15386 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF15386 | [TQFP48]      | (174)  |
| Microchip | PIC16LF15386 | [UQFN48]      | (2312) |
| Microchip | PIC16LF1554  |               |        |
| Microchip | PIC16LF1554  | (ISP)         | (138)  |
| Microchip | PIC16LF1554  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1554  | [QFN16]       | (883)  |
| Microchip | PIC16LF1554  | [SOIC14]      | (951)  |
| Microchip | PIC16LF1554  | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1559  |               |        |
| Microchip | PIC16LF1559  | (ISP)         | (138)  |
| Microchip | PIC16LF1559  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1559  | [QFN20]       | (575)  |
| Microchip | PIC16LF1559  | [SSOP20]      | (91)   |
| Microchip | PIC16LF1559  | [UQFN20]      | (3235) |
| Microchip | PIC16LF1566  |               |        |
| Microchip | PIC16LF1566  | (ISP)         | (138)  |
| Microchip | PIC16LF1566  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1566  | [SOIC28]      | (51)   |
| Microchip | PIC16LF1566  | [SSOP28]      | (1103) |
| Microchip | PIC16LF1566  | [UQFN28]      | (1550) |
| Microchip | PIC16LF1567  |               |        |
| Microchip | PIC16LF1567  | (ISP)         | (138)  |
| Microchip | PIC16LF1567  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1567  | [TQFP44]      | (94)   |
| Microchip | PIC16LF1567  | [UQFN40]      | (2263) |
| Microchip | PIC16LF1574  |               |        |
| Microchip | PIC16LF1574  | (ISP)         | (138)  |
| Microchip | PIC16LF1574  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1574  | [SOIC14]      | (951)  |
| Microchip | PIC16LF1574  | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1574  | [UQFN16]      | (3390) |
| Microchip | PIC16LF1575  |               |        |
| Microchip | PIC16LF1575  | (ISP)         | (138)  |
| Microchip | PIC16LF1575  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1575  | [SOIC14]      | (951)  |
| Microchip | PIC16LF1575  | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1575  | [UQFN16]      | (3390) |
| Microchip | PIC16LF1578  |               |        |
| Microchip | PIC16LF1578  | (ISP)         | (138)  |
| Microchip | PIC16LF1578  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1578  | [SOIC20]      | (119)  |
| Microchip | PIC16LF1578  | [SSOP20]      | (91)   |
| Microchip | PIC16LF1578  | [UQFN20]      | (3235) |
| Microchip | PIC16LF1579  |               |        |
| Microchip | PIC16LF1579  | (ISP)         | (138)  |
| Microchip | PIC16LF1579  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1579  | [SOIC20]      | (119)  |
| Microchip | PIC16LF1579  | [SSOP20]      | (91)   |
| Microchip | PIC16LF1579  | [UQFN20]      | (3235) |
| Microchip | PIC16LF1613  |               |        |
| Microchip | PIC16LF1613  | (ISP)         | (138)  |
| Microchip | PIC16LF1613  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1613  | [QFN16]       | (883)  |
| Microchip | PIC16LF1613  | [SOIC14]      | (951)  |
| Microchip | PIC16LF1613  | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1614  |               |        |
| Microchip | PIC16LF1614  | (ISP)         | (138)  |
| Microchip | PIC16LF1614  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1614  | [QFN16]       | (883)  |
| Microchip | PIC16LF1614  | [SOIC14]      | (951)  |
| Microchip | PIC16LF1614  | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1615  |               |        |
| Microchip | PIC16LF1615  | (ISP)         | (138)  |
| Microchip | PIC16LF1615  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1615  | [QFN16]       | (883)  |
| Microchip | PIC16LF1615  | [SOIC14]      | (951)  |
| Microchip | PIC16LF1615  | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1618  |               |        |
| Microchip | PIC16LF1618  | (ISP)         | (138)  |
| Microchip | PIC16LF1618  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1618  | [QFN20]       | (575)  |
| Microchip | PIC16LF1618  | [SOIC20]      | (119)  |
| Microchip | PIC16LF1618  | [SSOP20]      | (91)   |
| Microchip | PIC16LF1618  | [UQFN20]      | (3235) |
| Microchip | PIC16LF1619  |               |        |
| Microchip | PIC16LF1619  | (ISP)         | (138)  |
| Microchip | PIC16LF1619  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1619  | [QFN20]       | (575)  |
| Microchip | PIC16LF1619  | [SOIC20]      | (119)  |
| Microchip | PIC16LF1619  | [SSOP20]      | (91)   |
| Microchip | PIC16LF1619  | [UQFN20]      | (3235) |
| Microchip | PIC16LF1703  |               |        |
| Microchip | PIC16LF1703  | (ISP)         | (138)  |
| Microchip | PIC16LF1703  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1703  | [QFN16]       | (883)  |
| Microchip | PIC16LF1703  | [SOIC14]      | (951)  |
| Microchip | PIC16LF1703  | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1704  |               |        |
| Microchip | PIC16LF1704  | (ISP)         | (138)  |
| Microchip | PIC16LF1704  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1704  | [QFN16]       | (883)  |
| Microchip | PIC16LF1704  | [SOIC14]      | (951)  |
| Microchip | PIC16LF1704  | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1705  |               |        |
| Microchip | PIC16LF1705  | (ISP)         | (138)  |
| Microchip | PIC16LF1705  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1705  | [QFN16]       | (883)  |
| Microchip | PIC16LF1705  | [SOIC14]      | (951)  |
| Microchip | PIC16LF1705  | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1707  |               |        |
| Microchip | PIC16LF1707  | (ISP)         | (138)  |
| Microchip | PIC16LF1707  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1707  | [QFN20]       | (575)  |
| Microchip | PIC16LF1707  | [SOIC20]      | (119)  |
| Microchip | PIC16LF1707  | [SSOP20]      | (91)   |
| Microchip | PIC16LF1708  |               |        |
| Microchip | PIC16LF1708  | (ISP)         | (138)  |
| Microchip | PIC16LF1708  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1708  | [QFN20]       | (575)  |
| Microchip | PIC16LF1708  | [SOIC20]      | (119)  |
| Microchip | PIC16LF1708  | [SSOP20]      | (91)   |
| Microchip | PIC16LF1709  |               |        |
| Microchip | PIC16LF1709  | (ISP)         | (138)  |
| Microchip | PIC16LF1709  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1709  | [QFN20]       | (575)  |
| Microchip | PIC16LF1709  | [SOIC20]      | (119)  |
| Microchip | PIC16LF1709  | [SSOP20]      | (91)   |
| Microchip | PIC16LF1713  |               |        |
| Microchip | PIC16LF1713  | (ISP)         | (138)  |

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| Microchip | PIC16LF1713 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1713 | [QFN28]       | (635)  |
| Microchip | PIC16LF1713 | [SOIC28]      | (51)   |
| Microchip | PIC16LF1713 | [SSOP28]      | (1103) |
| Microchip | PIC16LF1713 | [UQFN28]      | (1550) |
| Microchip | PIC16LF1716 |               |        |
| Microchip | PIC16LF1716 | (ISP)         | (138)  |
| Microchip | PIC16LF1716 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1716 | [QFN28]       | (635)  |
| Microchip | PIC16LF1716 | [SOIC28]      | (51)   |
| Microchip | PIC16LF1716 | [SSOP28]      | (1103) |
| Microchip | PIC16LF1716 | [UQFN28]      | (1550) |
| Microchip | PIC16LF1717 |               |        |
| Microchip | PIC16LF1717 | (ISP)         | (138)  |
| Microchip | PIC16LF1717 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1717 | [TQFP44]      | (94)   |
| Microchip | PIC16LF1717 | [UQFN40]      | (2263) |
| Microchip | PIC16LF1718 |               |        |
| Microchip | PIC16LF1718 | (ISP)         | (138)  |
| Microchip | PIC16LF1718 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1718 | [QFN28]       | (635)  |
| Microchip | PIC16LF1718 | [SOIC28]      | (51)   |
| Microchip | PIC16LF1718 | [SSOP28]      | (1103) |
| Microchip | PIC16LF1718 | [UQFN28]      | (1550) |
| Microchip | PIC16LF1719 |               |        |
| Microchip | PIC16LF1719 | (ISP)         | (138)  |
| Microchip | PIC16LF1719 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1719 | [TQFP44]      | (94)   |
| Microchip | PIC16LF1719 | [UQFN40]      | (2263) |
| Microchip | PIC16LF1764 |               |        |
| Microchip | PIC16LF1764 | (ISP)         | (138)  |
| Microchip | PIC16LF1764 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1764 | [QFN16]       | (883)  |
| Microchip | PIC16LF1764 | [SOIC14]      | (951)  |
| Microchip | PIC16LF1764 | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1765 |               |        |
| Microchip | PIC16LF1765 | (ISP)         | (138)  |
| Microchip | PIC16LF1765 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1765 | [QFN16]       | (883)  |
| Microchip | PIC16LF1765 | [SOIC14]      | (951)  |
| Microchip | PIC16LF1765 | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1768 |               |        |
| Microchip | PIC16LF1768 | (ISP)         | (138)  |
| Microchip | PIC16LF1768 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1768 | [QFN20]       | (575)  |
| Microchip | PIC16LF1768 | [SOIC20]      | (119)  |
| Microchip | PIC16LF1768 | [SSOP20]      | (91)   |
| Microchip | PIC16LF1769 |               |        |
| Microchip | PIC16LF1769 | (ISP)         | (138)  |
| Microchip | PIC16LF1769 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1769 | [QFN20]       | (575)  |
| Microchip | PIC16LF1769 | [SOIC20]      | (119)  |
| Microchip | PIC16LF1769 | [SSOP20]      | (91)   |
| Microchip | PIC16LF1773 |               |        |
| Microchip | PIC16LF1773 | (ISP)         | (138)  |
| Microchip | PIC16LF1773 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1773 | [SOIC28]      | (51)   |
| Microchip | PIC16LF1773 | [SSOP28]      | (1103) |
| Microchip | PIC16LF1773 | [UQFN28]      | (4642) |
| Microchip | PIC16LF1776 |               |        |
| Microchip | PIC16LF1776 | (ISP)         | (138)  |
| Microchip | PIC16LF1776 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1776 | [SOIC28]      | (51)   |
| Microchip | PIC16LF1776 | [SSOP28]      | (1103) |
| Microchip | PIC16LF1776 | [UQFN28]      | (4642) |
| Microchip | PIC16LF1777 |               |        |
| Microchip | PIC16LF1777 | (ISP)         | (138)  |
| Microchip | PIC16LF1777 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1777 | [QFN44]       | (646)  |
| Microchip | PIC16LF1777 | [TQFP44]      | (94)   |
| Microchip | PIC16LF1777 | [UQFN40]      | (2263) |
| Microchip | PIC16LF1778 |               |        |
| Microchip | PIC16LF1778 | (ISP)         | (138)  |
| Microchip | PIC16LF1778 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1778 | [SOIC28]      | (51)   |
| Microchip | PIC16LF1778 | [SSOP28]      | (1103) |
| Microchip | PIC16LF1779 |               |        |
| Microchip | PIC16LF1779 | (ISP)         | (138)  |
| Microchip | PIC16LF1779 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1779 | [QFN44]       | (646)  |
| Microchip | PIC16LF1779 | [TQFP44]      | (94)   |
| Microchip | PIC16LF1779 | [UQFN40]      | (2263) |
| Microchip | PIC16LF1782 |               |        |
| Microchip | PIC16LF1782 | (ISP)         | (138)  |
| Microchip | PIC16LF1782 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1782 | [QFN28]       | (635)  |
| Microchip | PIC16LF1782 | [SOIC28]      | (51)   |
| Microchip | PIC16LF1782 | [SSOP28]      | (1103) |
| Microchip | PIC16LF1782 | [UQFN28]      | (1550) |
| Microchip | PIC16LF1783 |               |        |
| Microchip | PIC16LF1783 | (ISP)         | (138)  |
| Microchip | PIC16LF1783 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1783 | [QFN28]       | (635)  |
| Microchip | PIC16LF1783 | [SOIC28]      | (51)   |
| Microchip | PIC16LF1783 | [SSOP28]      | (1103) |
| Microchip | PIC16LF1783 | [UQFN28]      | (1550) |
| Microchip | PIC16LF1784 |               |        |
| Microchip | PIC16LF1784 | (ISP)         | (138)  |
| Microchip | PIC16LF1784 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1784 | [QFN44]       | (646)  |
| Microchip | PIC16LF1784 | [TQFP44]      | (94)   |
| Microchip | PIC16LF1784 | [UQFN40]      | (2263) |
| Microchip | PIC16LF1786 |               |        |
| Microchip | PIC16LF1786 | (ISP)         | (138)  |
| Microchip | PIC16LF1786 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1786 | [QFN28]       | (635)  |
| Microchip | PIC16LF1786 | [SOIC28]      | (51)   |
| Microchip | PIC16LF1786 | [SSOP28]      | (1103) |
| Microchip | PIC16LF1787 |               |        |
| Microchip | PIC16LF1787 | (ISP)         | (138)  |
| Microchip | PIC16LF1787 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1787 | [QFN44]       | (646)  |
| Microchip | PIC16LF1787 | [TQFP44]      | (94)   |
| Microchip | PIC16LF1787 | [UQFN40]      | (2263) |
| Microchip | PIC16LF1788 |               |        |
| Microchip | PIC16LF1788 | (ISP)         | (138)  |
| Microchip | PIC16LF1788 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1788 | [QFN28]       | (635)  |
| Microchip | PIC16LF1788 | [SOIC28]      | (51)   |
| Microchip | PIC16LF1788 | [SSOP28]      | (1103) |
| Microchip | PIC16LF1789 |               |        |
| Microchip | PIC16LF1789 | (ISP)         | (138)  |
| Microchip | PIC16LF1789 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1789 | [QFN44]       | (646)  |
| Microchip | PIC16LF1789 | [TQFP44]      | (94)   |
| Microchip | PIC16LF1789 | [UQFN40]      | (2263) |
| Microchip | PIC16LF1823 |               |        |
| Microchip | PIC16LF1823 | (ISP)         | (138)  |

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| Microchip | PIC16LF1823     | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1823     | [QFN16]       | (883)  |
| Microchip | PIC16LF1823     | [SOIC14]      | (951)  |
| Microchip | PIC16LF1823     | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1823     | [UQFN16]      | (3390) |
| Microchip | PIC16LF1824     |               |        |
| Microchip | PIC16LF1824     | (ISP)         | (138)  |
| Microchip | PIC16LF1824     | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1824     | [QFN16]       | (883)  |
| Microchip | PIC16LF1824     | [SOIC14]      | (951)  |
| Microchip | PIC16LF1824     | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1824     | [UQFN16]      | (3390) |
| Microchip | PIC16LF1824T39A | (ISP)         | (138)  |
| Microchip | PIC16LF1824T39A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1824T39A | [TSSOP20]     | (1089) |
| Microchip | PIC16LF1825     |               |        |
| Microchip | PIC16LF1825     | (ISP)         | (138)  |
| Microchip | PIC16LF1825     | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1825     | [QFN16]       | (883)  |
| Microchip | PIC16LF1825     | [SOIC14]      | (951)  |
| Microchip | PIC16LF1825     | [TSSOP14]     | (1087) |
| Microchip | PIC16LF1825     | [UQFN16]      | (3390) |
| Microchip | PIC16LF1826     |               |        |
| Microchip | PIC16LF1826     | (ISP)         | (138)  |
| Microchip | PIC16LF1826     | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1826     | [QFN28]       | (635)  |
| Microchip | PIC16LF1826     | [SOIC18]      | (1061) |
| Microchip | PIC16LF1826     | [SSOP20]      | (91)   |
| Microchip | PIC16LF1826     | [UQFN28]      | (1550) |
| Microchip | PIC16LF1827     |               |        |
| Microchip | PIC16LF1827     | (ISP)         | (138)  |
| Microchip | PIC16LF1827     | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1827     | [QFN28]       | (635)  |
| Microchip | PIC16LF1827     | [SOIC18]      | (1061) |
| Microchip | PIC16LF1827     | [SSOP20]      | (91)   |
| Microchip | PIC16LF1827     | [UQFN28]      | (1550) |
| Microchip | PIC16LF1828     |               |        |
| Microchip | PIC16LF1828     | (ISP)         | (138)  |
| Microchip | PIC16LF1828     | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1828     | [QFN20]       | (575)  |
| Microchip | PIC16LF1828     | [SOIC20]      | (119)  |
| Microchip | PIC16LF1828     | [SSOP20]      | (91)   |
| Microchip | PIC16LF1828     | [TSSOP20]     | (1089) |
| Microchip | PIC16LF1829     |               |        |
| Microchip | PIC16LF1829     | (ISP)         | (138)  |
| Microchip | PIC16LF1829     | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1829     | [QFN20]       | (575)  |
| Microchip | PIC16LF1829     | [SOIC20]      | (119)  |
| Microchip | PIC16LF1829     | [SSOP20]      | (91)   |
| Microchip | PIC16LF1829     | [TSSOP20]     | (1089) |
| Microchip | PIC16LF18313    |               |        |
| Microchip | PIC16LF18313    | (ISP)         | (138)  |
| Microchip | PIC16LF18313    | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18313    | [DFN8 3x3]    | (1420) |
| Microchip | PIC16LF18313    | [SOIC8]       | (950)  |
| Microchip | PIC16LF18323    |               |        |
| Microchip | PIC16LF18323    | (ISP)         | (138)  |
| Microchip | PIC16LF18323    | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18323    | [SOIC14]      | (951)  |
| Microchip | PIC16LF18323    | [TSSOP14]     | (1087) |
| Microchip | PIC16LF18323    | [UQFN16]      | (3390) |
| Microchip | PIC16LF18324    |               |        |
| Microchip | PIC16LF18324    | (ISP)         | (138)  |
| Microchip | PIC16LF18324    | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18324    | [SOIC14]      | (951)  |
| Microchip | PIC16LF18324    | [TSSOP14]     | (1087) |
| Microchip | PIC16LF18324    | [UQFN16]      | (3390) |
| Microchip | PIC16LF18325    |               |        |
| Microchip | PIC16LF18325    | (ISP)         | (138)  |
| Microchip | PIC16LF18325    | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18325    | [SOIC14]      | (951)  |
| Microchip | PIC16LF18325    | [TSSOP14]     | (1087) |
| Microchip | PIC16LF18325    | [UQFN16]      | (3390) |
| Microchip | PIC16LF18326    |               |        |
| Microchip | PIC16LF18326    | (ISP)         | (138)  |
| Microchip | PIC16LF18326    | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18326    | [SOIC14]      | (951)  |
| Microchip | PIC16LF18326    | [TSSOP14]     | (1087) |
| Microchip | PIC16LF18326    | [UQFN16]      | (3390) |
| Microchip | PIC16LF18344    |               |        |
| Microchip | PIC16LF18344    | (ISP)         | (138)  |
| Microchip | PIC16LF18344    | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18344    | [QFN20]       | (3235) |
| Microchip | PIC16LF18344    | [SOIC20]      | (119)  |
| Microchip | PIC16LF18344    | [SSOP20]      | (91)   |
| Microchip | PIC16LF18345    |               |        |
| Microchip | PIC16LF18345    | (ISP)         | (138)  |
| Microchip | PIC16LF18345    | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18345    | [QFN20]       | (3235) |
| Microchip | PIC16LF18345    | [SOIC20]      | (119)  |
| Microchip | PIC16LF18345    | [SSOP20]      | (91)   |
| Microchip | PIC16LF18346    |               |        |
| Microchip | PIC16LF18346    | (ISP)         | (138)  |
| Microchip | PIC16LF18346    | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18346    | [QFN20]       | (3235) |
| Microchip | PIC16LF18346    | [SOIC20]      | (119)  |
| Microchip | PIC16LF18346    | [SSOP20]      | (91)   |
| Microchip | PIC16LF18424    |               |        |
| Microchip | PIC16LF18424    | (ISP)         | (138)  |
| Microchip | PIC16LF18424    | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18424    | [SOIC14]      | (951)  |
| Microchip | PIC16LF18424    | [TSSOP14]     | (1087) |
| Microchip | PIC16LF18424    | [UQFN16 4x4]  | (3390) |
| Microchip | PIC16LF18425    |               |        |
| Microchip | PIC16LF18425    | (ISP)         | (138)  |
| Microchip | PIC16LF18425    | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18425    | [SOIC14]      | (951)  |
| Microchip | PIC16LF18425    | [TSSOP14]     | (1087) |
| Microchip | PIC16LF18425    | [UQFN16 4x4]  | (3390) |
| Microchip | PIC16LF18426    |               |        |
| Microchip | PIC16LF18426    | (ISP)         | (138)  |
| Microchip | PIC16LF18426    | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18426    | [SOIC14]      | (951)  |
| Microchip | PIC16LF18426    | [TSSOP14]     | (1087) |
| Microchip | PIC16LF18426    | [UQFN16 4x4]  | (3390) |
| Microchip | PIC16LF18444    |               |        |
| Microchip | PIC16LF18444    | (ISP)         | (138)  |
| Microchip | PIC16LF18444    | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18444    | [SOIC20]      | (119)  |
| Microchip | PIC16LF18444    | [SSOP20]      | (91)   |
| Microchip | PIC16LF18444    | [UQFN20 4x4]  | (3235) |
| Microchip | PIC16LF18445    |               |        |
| Microchip | PIC16LF18445    | (ISP)         | (138)  |
| Microchip | PIC16LF18445    | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18445    | [SOIC20]      | (119)  |
| Microchip | PIC16LF18445    | [SSOP20]      | (91)   |
| Microchip | PIC16LF18445    | [UQFN20 4x4]  | (3235) |
| Microchip | PIC16LF18446    |               |        |

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|-----------|--------------|---------------|--------|
| Microchip | PIC16LF18446 | (ISP)         | (138)  |
| Microchip | PIC16LF18446 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18446 | [SOIC20]      | (119)  |
| Microchip | PIC16LF18446 | [SSOP20]      | (91)   |
| Microchip | PIC16LF18446 | [UQFN20 4x4]  | (3235) |
| Microchip | PIC16LF1847  |               |        |
| Microchip | PIC16LF1847  | (ISP)         | (138)  |
| Microchip | PIC16LF1847  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1847  | [QFN28]       | (635)  |
| Microchip | PIC16LF1847  | [SOIC18]      | (1061) |
| Microchip | PIC16LF1847  | [SSOP20]      | (91)   |
| Microchip | PIC16LF1847  | [UQFN28]      | (1550) |
| Microchip | PIC16LF18854 |               |        |
| Microchip | PIC16LF18854 | (ISP)         | (138)  |
| Microchip | PIC16LF18854 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18854 | [QFN28]       | (635)  |
| Microchip | PIC16LF18854 | [SOIC28]      | (51)   |
| Microchip | PIC16LF18854 | [SSOP28]      | (1103) |
| Microchip | PIC16LF18854 | [UQFN28]      | (1550) |
| Microchip | PIC16LF18855 |               |        |
| Microchip | PIC16LF18855 | (ISP)         | (138)  |
| Microchip | PIC16LF18855 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18855 | [QFN28]       | (635)  |
| Microchip | PIC16LF18855 | [SOIC28]      | (51)   |
| Microchip | PIC16LF18855 | [SSOP28]      | (1103) |
| Microchip | PIC16LF18855 | [UQFN28]      | (1550) |
| Microchip | PIC16LF18856 |               |        |
| Microchip | PIC16LF18856 | (ISP)         | (138)  |
| Microchip | PIC16LF18856 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18856 | [QFN28]       | (635)  |
| Microchip | PIC16LF18856 | [SOIC28]      | (51)   |
| Microchip | PIC16LF18856 | [SSOP28]      | (1103) |
| Microchip | PIC16LF18856 | [UQFN28]      | (1550) |
| Microchip | PIC16LF18857 |               |        |
| Microchip | PIC16LF18857 | (ISP)         | (138)  |
| Microchip | PIC16LF18857 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18857 | [QFN28]       | (635)  |
| Microchip | PIC16LF18857 | [SOIC28]      | (51)   |
| Microchip | PIC16LF18857 | [SSOP28]      | (1103) |
| Microchip | PIC16LF18857 | [UQFN28]      | (1550) |
| Microchip | PIC16LF18875 |               |        |
| Microchip | PIC16LF18875 | (ISP)         | (138)  |
| Microchip | PIC16LF18875 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18875 | [QFN44]       | (646)  |
| Microchip | PIC16LF18875 | [TQFP44]      | (94)   |
| Microchip | PIC16LF18875 | [UQFN40]      | (2626) |
| Microchip | PIC16LF18876 |               |        |
| Microchip | PIC16LF18876 | (ISP)         | (138)  |
| Microchip | PIC16LF18876 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18876 | [QFN44]       | (646)  |
| Microchip | PIC16LF18876 | [TQFP44]      | (94)   |
| Microchip | PIC16LF18876 | [UQFN40]      | (2626) |
| Microchip | PIC16LF18877 |               |        |
| Microchip | PIC16LF18877 | (ISP)         | (138)  |
| Microchip | PIC16LF18877 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF18877 | [QFN44]       | (646)  |
| Microchip | PIC16LF18877 | [TQFP44]      | (94)   |
| Microchip | PIC16LF18877 | [UQFN40]      | (2626) |
| Microchip | PIC16LF1902  |               |        |
| Microchip | PIC16LF1902  | (ISP)         | (138)  |
| Microchip | PIC16LF1902  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1902  | [SOIC28]      | (51)   |
| Microchip | PIC16LF1902  | [SSOP28]      | (1103) |
| Microchip | PIC16LF1902  | [UQFN28]      | (1550) |
| Microchip | PIC16LF1903  |               |        |
| Microchip | PIC16LF1903  | (ISP)         | (138)  |
| Microchip | PIC16LF1903  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1903  | [SOIC28]      | (51)   |
| Microchip | PIC16LF1903  | [SSOP28]      | (1103) |
| Microchip | PIC16LF1903  | [UQFN28]      | (1550) |
| Microchip | PIC16LF1904  |               |        |
| Microchip | PIC16LF1904  | (ISP)         | (138)  |
| Microchip | PIC16LF1904  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1904  | [TQFP44]      | (94)   |
| Microchip | PIC16LF1904  | [UQFN40]      | (2263) |
| Microchip | PIC16LF1906  |               |        |
| Microchip | PIC16LF1906  | (ISP)         | (138)  |
| Microchip | PIC16LF1906  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1906  | [SOIC28]      | (51)   |
| Microchip | PIC16LF1906  | [SSOP28]      | (1103) |
| Microchip | PIC16LF1906  | [UQFN28]      | (1550) |
| Microchip | PIC16LF1907  |               |        |
| Microchip | PIC16LF1907  | (ISP)         | (138)  |
| Microchip | PIC16LF1907  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1907  | [TQFP44]      | (94)   |
| Microchip | PIC16LF1907  | [UQFN40]      | (2263) |
| Microchip | PIC16LF19155 |               |        |
| Microchip | PIC16LF19155 | (ISP)         | (138)  |
| Microchip | PIC16LF19155 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF19155 | [SOIC28]      | (51)   |
| Microchip | PIC16LF19155 | [SSOP28]      | (1103) |
| Microchip | PIC16LF19155 | [UQFN28]      | (1550) |
| Microchip | PIC16LF19156 |               |        |
| Microchip | PIC16LF19156 | (ISP)         | (138)  |
| Microchip | PIC16LF19156 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF19156 | [SOIC28]      | (51)   |
| Microchip | PIC16LF19156 | [SSOP28]      | (1103) |
| Microchip | PIC16LF19156 | [UQFN28]      | (1550) |
| Microchip | PIC16LF19175 |               |        |
| Microchip | PIC16LF19175 | (ISP)         | (138)  |
| Microchip | PIC16LF19175 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF19175 | [TQFP44]      | (94)   |
| Microchip | PIC16LF19175 | [UQFN40]      | (2626) |
| Microchip | PIC16LF19176 |               |        |
| Microchip | PIC16LF19176 | (ISP)         | (138)  |
| Microchip | PIC16LF19176 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF19176 | [TQFP44]      | (94)   |
| Microchip | PIC16LF19176 | [UQFN40]      | (2626) |
| Microchip | PIC16LF19185 |               |        |
| Microchip | PIC16LF19185 | (ISP)         | (138)  |
| Microchip | PIC16LF19185 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF19185 | [TQFP48]      | (174)  |
| Microchip | PIC16LF19185 | [UQFN48]      | (2312) |
| Microchip | PIC16LF19186 |               |        |
| Microchip | PIC16LF19186 | (ISP)         | (138)  |
| Microchip | PIC16LF19186 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF19186 | [TQFP48]      | (174)  |
| Microchip | PIC16LF19186 | [UQFN48]      | (2312) |
| Microchip | PIC16LF19195 |               |        |
| Microchip | PIC16LF19195 | (ISP)         | (138)  |
| Microchip | PIC16LF19195 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF19195 | [QFN64]       | (1458) |
| Microchip | PIC16LF19195 | [TQFP64]      | (104)  |
| Microchip | PIC16LF19196 |               |        |
| Microchip | PIC16LF19196 | (ISP)         | (138)  |
| Microchip | PIC16LF19196 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF19196 | [QFN64]       | (1458) |
| Microchip | PIC16LF19196 | [TQFP64]      | (104)  |
| Microchip | PIC16LF19197 |               |        |
| Microchip | PIC16LF19197 | (ISP)         | (138)  |
| Microchip | PIC16LF19197 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF19197 | [QFN64]       | (1458) |
| Microchip | PIC16LF19197 | [TQFP64]      | (104)  |

|           |             |               |        |
|-----------|-------------|---------------|--------|
| Microchip | PIC16LF1933 |               |        |
| Microchip | PIC16LF1933 | (ISP)         | (138)  |
| Microchip | PIC16LF1933 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1933 | [QFN28]       | (635)  |
| Microchip | PIC16LF1933 | [SOIC28]      | (51)   |
| Microchip | PIC16LF1933 | [SSOP28]      | (1103) |
| Microchip | PIC16LF1933 | [UQFN28]      | (1550) |
| Microchip | PIC16LF1934 |               |        |
| Microchip | PIC16LF1934 | (ISP)         | (138)  |
| Microchip | PIC16LF1934 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1934 | [QFN44]       | (646)  |
| Microchip | PIC16LF1934 | [TQFP44]      | (94)   |
| Microchip | PIC16LF1934 | [UQFN40]      | (2263) |
| Microchip | PIC16LF1936 |               |        |
| Microchip | PIC16LF1936 | (ISP)         | (138)  |
| Microchip | PIC16LF1936 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1936 | [QFN28]       | (635)  |
| Microchip | PIC16LF1936 | [SOIC28]      | (51)   |
| Microchip | PIC16LF1936 | [SSOP28]      | (1103) |
| Microchip | PIC16LF1936 | [UQFN28]      | (1550) |
| Microchip | PIC16LF1937 |               |        |
| Microchip | PIC16LF1937 | (ISP)         | (138)  |
| Microchip | PIC16LF1937 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1937 | [QFN44]       | (646)  |
| Microchip | PIC16LF1937 | [TQFP44]      | (94)   |
| Microchip | PIC16LF1937 | [UQFN40]      | (2263) |
| Microchip | PIC16LF1938 |               |        |
| Microchip | PIC16LF1938 | (ISP)         | (138)  |
| Microchip | PIC16LF1938 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1938 | [QFN28]       | (635)  |
| Microchip | PIC16LF1938 | [SOIC28]      | (51)   |
| Microchip | PIC16LF1938 | [SSOP28]      | (1103) |
| Microchip | PIC16LF1938 | [UQFN28]      | (1550) |
| Microchip | PIC16LF1939 |               |        |
| Microchip | PIC16LF1939 | (ISP)         | (138)  |
| Microchip | PIC16LF1939 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1939 | [QFN44]       | (646)  |
| Microchip | PIC16LF1939 | [TQFP44]      | (94)   |
| Microchip | PIC16LF1939 | [UQFN40]      | (2263) |
| Microchip | PIC16LF1946 |               |        |
| Microchip | PIC16LF1946 | (ISP)         | (138)  |
| Microchip | PIC16LF1946 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1946 | [QFN64]       | (1458) |
| Microchip | PIC16LF1946 | [TQFP64]      | (104)  |
| Microchip | PIC16LF1947 |               |        |
| Microchip | PIC16LF1947 | (ISP)         | (138)  |
| Microchip | PIC16LF1947 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF1947 | [QFN64]       | (1458) |
| Microchip | PIC16LF1947 | [TQFP64]      | (104)  |
| Microchip | PIC16LF505  |               |        |
| Microchip | PIC16LF505  | (ISP)         | (138)  |
| Microchip | PIC16LF505  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF505  | [QFN16 3x3]   | (1069) |
| Microchip | PIC16LF505  | [SOIC14]      | (951)  |
| Microchip | PIC16LF505  | [TSSOP14]     | (1087) |
| Microchip | PIC16LF506  |               |        |
| Microchip | PIC16LF506  | (ISP)         | (138)  |
| Microchip | PIC16LF506  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF506  | [SOIC14]      | (951)  |
| Microchip | PIC16LF506  | [TSSOP14]     | (1087) |
| Microchip | PIC16LF627  |               |        |
| Microchip | PIC16LF627  | (ISP)         | (138)  |
| Microchip | PIC16LF627  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF627  | [SOIC18]      | (1061) |
| Microchip | PIC16LF627  | [SSOP20]      | (91)   |
| Microchip | PIC16LF627A |               |        |
| Microchip | PIC16LF627A | (ISP)         | (138)  |
| Microchip | PIC16LF627A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF627A | [QFN28]       | (635)  |
| Microchip | PIC16LF627A | [SOIC18]      | (1061) |
| Microchip | PIC16LF627A | [SSOP20]      | (91)   |
| Microchip | PIC16LF628  |               |        |
| Microchip | PIC16LF628  | (ISP)         | (138)  |
| Microchip | PIC16LF628  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF628  | [SOIC18]      | (1061) |
| Microchip | PIC16LF628  | [SSOP20]      | (91)   |
| Microchip | PIC16LF628A |               |        |
| Microchip | PIC16LF628A | (ISP)         | (138)  |
| Microchip | PIC16LF628A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF628A | [QFN28]       | (635)  |
| Microchip | PIC16LF628A | [SOIC18]      | (1061) |
| Microchip | PIC16LF628A | [SSOP20]      | (91)   |
| Microchip | PIC16LF648A |               |        |
| Microchip | PIC16LF648A | (ISP)         | (138)  |
| Microchip | PIC16LF648A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF648A | [QFN28]       | (635)  |
| Microchip | PIC16LF648A | [SOIC18]      | (1061) |
| Microchip | PIC16LF648A | [SSOP20]      | (91)   |
| Microchip | PIC16LF707  |               |        |
| Microchip | PIC16LF707  | (ISP)         | (138)  |
| Microchip | PIC16LF707  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF707  | [QFN44]       | (646)  |
| Microchip | PIC16LF707  | [TQFP44]      | (94)   |
| Microchip | PIC16LF707  | [UQFN40]      | (2263) |
| Microchip | PIC16LF716  |               |        |
| Microchip | PIC16LF716  | (ISP)         | (138)  |
| Microchip | PIC16LF716  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF716  | [SOIC18]      | (1061) |
| Microchip | PIC16LF716  | [SSOP20]      | (91)   |
| Microchip | PIC16LF72   |               |        |
| Microchip | PIC16LF72   | (ISP)         | (138)  |
| Microchip | PIC16LF72   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF72   | [QFN28]       | (635)  |
| Microchip | PIC16LF72   | [SOIC28]      | (51)   |
| Microchip | PIC16LF72   | [SSOP28]      | (1103) |
| Microchip | PIC16LF720  |               |        |
| Microchip | PIC16LF720  | (ISP)         | (138)  |
| Microchip | PIC16LF720  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF720  | [QFN20]       | (575)  |
| Microchip | PIC16LF720  | [SOIC20]      | (119)  |
| Microchip | PIC16LF720  | [SSOP20]      | (91)   |
| Microchip | PIC16LF721  |               |        |
| Microchip | PIC16LF721  | (ISP)         | (138)  |
| Microchip | PIC16LF721  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF721  | [QFN20]       | (575)  |
| Microchip | PIC16LF721  | [SOIC20]      | (119)  |
| Microchip | PIC16LF721  | [SSOP20]      | (91)   |
| Microchip | PIC16LF722  |               |        |
| Microchip | PIC16LF722  | (ISP)         | (138)  |
| Microchip | PIC16LF722  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF722  | [QFN28]       | (635)  |
| Microchip | PIC16LF722  | [SOIC28]      | (51)   |
| Microchip | PIC16LF722  | [SSOP28]      | (1103) |
| Microchip | PIC16LF722A |               |        |
| Microchip | PIC16LF722A | (ISP)         | (138)  |
| Microchip | PIC16LF722A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF722A | [QFN28]       | (635)  |
| Microchip | PIC16LF722A | [SOIC28]      | (51)   |
| Microchip | PIC16LF722A | [SSOP28]      | (1103) |
| Microchip | PIC16LF722A | [UQFN28]      | (1550) |



|           |             |               |        |
|-----------|-------------|---------------|--------|
| Microchip | PIC16LF723  |               |        |
| Microchip | PIC16LF723  | (ISP)         | (138)  |
| Microchip | PIC16LF723  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF723  | [QFN28]       | (635)  |
| Microchip | PIC16LF723  | [SOIC28]      | (51)   |
| Microchip | PIC16LF723  | [SSOP28]      | (1103) |
| Microchip | PIC16LF723A |               |        |
| Microchip | PIC16LF723A | (ISP)         | (138)  |
| Microchip | PIC16LF723A | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF723A | [QFN28]       | (635)  |
| Microchip | PIC16LF723A | [SOIC28]      | (51)   |
| Microchip | PIC16LF723A | [SSOP28]      | (1103) |
| Microchip | PIC16LF723A | [UQFN28]      | (1550) |
| Microchip | PIC16LF724  |               |        |
| Microchip | PIC16LF724  | (ISP)         | (138)  |
| Microchip | PIC16LF724  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF724  | [QFN44]       | (646)  |
| Microchip | PIC16LF724  | [TQFP44]      | (94)   |
| Microchip | PIC16LF724  | [UQFN40]      | (2263) |
| Microchip | PIC16LF726  |               |        |
| Microchip | PIC16LF726  | (ISP)         | (138)  |
| Microchip | PIC16LF726  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF726  | [QFN28]       | (635)  |
| Microchip | PIC16LF726  | [SOIC28]      | (51)   |
| Microchip | PIC16LF726  | [SSOP28]      | (1103) |
| Microchip | PIC16LF727  |               |        |
| Microchip | PIC16LF727  | (ISP)         | (138)  |
| Microchip | PIC16LF727  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF727  | [QFN44]       | (646)  |
| Microchip | PIC16LF727  | [TQFP44]      | (94)   |
| Microchip | PIC16LF727  | [UQFN40]      | (2263) |
| Microchip | PIC16LF73   |               |        |
| Microchip | PIC16LF73   | (ISP)         | (138)  |
| Microchip | PIC16LF73   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF73   | [QFN28]       | (635)  |
| Microchip | PIC16LF73   | [SOIC28]      | (51)   |
| Microchip | PIC16LF73   | [SSOP28]      | (1103) |
| Microchip | PIC16LF737  |               |        |
| Microchip | PIC16LF737  | (ISP)         | (138)  |
| Microchip | PIC16LF737  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF737  | [QFN28]       | (635)  |
| Microchip | PIC16LF737  | [SOIC28]      | (51)   |
| Microchip | PIC16LF737  | [SSOP28]      | (1103) |
| Microchip | PIC16LF74   |               |        |
| Microchip | PIC16LF74   | (ISP)         | (138)  |
| Microchip | PIC16LF74   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF74   | [PLCC44]      | (67)   |
| Microchip | PIC16LF74   | [QFN44]       | (646)  |
| Microchip | PIC16LF74   | [TQFP44]      | (94)   |
| Microchip | PIC16LF747  |               |        |
| Microchip | PIC16LF747  | (ISP)         | (138)  |
| Microchip | PIC16LF747  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF747  | [QFN44]       | (646)  |
| Microchip | PIC16LF747  | [TQFP44]      | (94)   |
| Microchip | PIC16LF76   |               |        |
| Microchip | PIC16LF76   | (ISP)         | (138)  |
| Microchip | PIC16LF76   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF76   | [QFN28]       | (635)  |
| Microchip | PIC16LF76   | [SOIC28]      | (51)   |
| Microchip | PIC16LF76   | [SSOP28]      | (1103) |
| Microchip | PIC16LF767  |               |        |
| Microchip | PIC16LF767  | (ISP)         | (138)  |
| Microchip | PIC16LF767  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF767  | [QFN28]       | (635)  |
| Microchip | PIC16LF767  | [SOIC28]      | (51)   |
| Microchip | PIC16LF767  | [SSOP28]      | (1103) |
| Microchip | PIC16LF77   |               |        |
| Microchip | PIC16LF77   | (ISP)         | (138)  |
| Microchip | PIC16LF77   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF77   | [PLCC44]      | (67)   |
| Microchip | PIC16LF77   | [QFN44]       | (646)  |
| Microchip | PIC16LF77   | [TQFP44]      | (94)   |
| Microchip | PIC16LF777  |               |        |
| Microchip | PIC16LF777  | (ISP)         | (138)  |
| Microchip | PIC16LF777  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF777  | [QFN44]       | (646)  |
| Microchip | PIC16LF777  | [TQFP44]      | (94)   |
| Microchip | PIC16LF818  |               |        |
| Microchip | PIC16LF818  | (ISP)         | (138)  |
| Microchip | PIC16LF818  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF818  | [QFN28]       | (635)  |
| Microchip | PIC16LF818  | [SOIC18]      | (1061) |
| Microchip | PIC16LF818  | [SSOP20]      | (91)   |
| Microchip | PIC16LF819  |               |        |
| Microchip | PIC16LF819  | (ISP)         | (138)  |
| Microchip | PIC16LF819  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF819  | [QFN28]       | (635)  |
| Microchip | PIC16LF819  | [SOIC18]      | (1061) |
| Microchip | PIC16LF819  | [SSOP20]      | (91)   |
| Microchip | PIC16LF83   |               |        |
| Microchip | PIC16LF83   | (ISP)         | (138)  |
| Microchip | PIC16LF83   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF83   | [SOIC18]      | (1061) |
| Microchip | PIC16LF84   |               |        |
| Microchip | PIC16LF84   | (ISP)         | (138)  |
| Microchip | PIC16LF84   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF84   | [SOIC18]      | (1061) |
| Microchip | PIC16LF84A  |               |        |
| Microchip | PIC16LF84A  | (ISP)         | (138)  |
| Microchip | PIC16LF84A  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF84A  | [SOIC18]      | (1061) |
| Microchip | PIC16LF84A  | [SSOP20]      | (91)   |
| Microchip | PIC16LF87   |               |        |
| Microchip | PIC16LF87   | (ISP)         | (138)  |
| Microchip | PIC16LF87   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF87   | [QFN28]       | (635)  |
| Microchip | PIC16LF87   | [SOIC18]      | (1061) |
| Microchip | PIC16LF87   | [SSOP20]      | (91)   |
| Microchip | PIC16LF870  |               |        |
| Microchip | PIC16LF870  | (ISP)         | (138)  |
| Microchip | PIC16LF870  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF870  | [SOIC28]      | (51)   |
| Microchip | PIC16LF870  | [SSOP28]      | (1103) |
| Microchip | PIC16LF871  |               |        |
| Microchip | PIC16LF871  | (ISP)         | (138)  |
| Microchip | PIC16LF871  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF871  | [PLCC44]      | (67)   |
| Microchip | PIC16LF871  | [TQFP44]      | (94)   |
| Microchip | PIC16LF872  |               |        |
| Microchip | PIC16LF872  | (ISP)         | (138)  |
| Microchip | PIC16LF872  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF872  | [SOIC28]      | (51)   |
| Microchip | PIC16LF872  | [SSOP28]      | (1103) |
| Microchip | PIC16LF873  |               |        |
| Microchip | PIC16LF873  | (ISP)         | (138)  |
| Microchip | PIC16LF873  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF873  | [SOIC28]      | (51)   |
| Microchip | PIC16LF873  | [SSOP28]      | (1103) |

|           |                           |        |
|-----------|---------------------------|--------|
| Microchip | PIC16LF873A               |        |
| Microchip | PIC16LF873A (ISP)         | (138)  |
| Microchip | PIC16LF873A (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF873A [QFN28]       | (635)  |
| Microchip | PIC16LF873A [SOIC28]      | (51)   |
| Microchip | PIC16LF873A [SSOP28]      | (1103) |
| Microchip | PIC16LF874                |        |
| Microchip | PIC16LF874 (ISP)          | (138)  |
| Microchip | PIC16LF874 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16LF874 [MQFP44]       | (108)  |
| Microchip | PIC16LF874 [PLCC44]       | (67)   |
| Microchip | PIC16LF874 [TQFP44]       | (94)   |
| Microchip | PIC16LF874A               |        |
| Microchip | PIC16LF874A (ISP)         | (138)  |
| Microchip | PIC16LF874A (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF874A [PLCC44]      | (67)   |
| Microchip | PIC16LF874A [QFN44]       | (646)  |
| Microchip | PIC16LF874A [TQFP44]      | (94)   |
| Microchip | PIC16LF876                |        |
| Microchip | PIC16LF876 (ISP)          | (138)  |
| Microchip | PIC16LF876 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16LF876 [SOIC28]       | (51)   |
| Microchip | PIC16LF876 [SSOP28]       | (1103) |
| Microchip | PIC16LF876A               |        |
| Microchip | PIC16LF876A (ISP)         | (138)  |
| Microchip | PIC16LF876A (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF876A [QFN28]       | (635)  |
| Microchip | PIC16LF876A [SOIC28]      | (51)   |
| Microchip | PIC16LF876A [SSOP28]      | (1103) |
| Microchip | PIC16LF877                |        |
| Microchip | PIC16LF877 (ISP)          | (138)  |
| Microchip | PIC16LF877 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16LF877 [MQFP44]       | (108)  |
| Microchip | PIC16LF877 [PLCC44]       | (67)   |
| Microchip | PIC16LF877 [TQFP44]       | (94)   |
| Microchip | PIC16LF877A               |        |
| Microchip | PIC16LF877A (ISP)         | (138)  |
| Microchip | PIC16LF877A (ISP-ext.VDD) | (138)  |
| Microchip | PIC16LF877A [PLCC44]      | (67)   |
| Microchip | PIC16LF877A [QFN44]       | (646)  |
| Microchip | PIC16LF877A [TQFP44]      | (94)   |
| Microchip | PIC16LF88                 |        |
| Microchip | PIC16LF88 (ISP)           | (138)  |
| Microchip | PIC16LF88 (ISP-ext.VDD)   | (138)  |
| Microchip | PIC16LF88 [QFN28]         | (635)  |
| Microchip | PIC16LF88 [SOIC18]        | (1061) |
| Microchip | PIC16LF88 [SSOP20]        | (91)   |
| Microchip | PIC16LF913                |        |
| Microchip | PIC16LF913 (ISP)          | (138)  |
| Microchip | PIC16LF913 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16LF913 [QFN28]        | (635)  |
| Microchip | PIC16LF913 [SOIC28]       | (51)   |
| Microchip | PIC16LF913 [SSOP28]       | (1103) |
| Microchip | PIC16LF914                |        |
| Microchip | PIC16LF914 (ISP)          | (138)  |
| Microchip | PIC16LF914 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16LF914 [QFN44]        | (646)  |
| Microchip | PIC16LF914 [TQFP44]       | (94)   |
| Microchip | PIC16LF916                |        |
| Microchip | PIC16LF916 (ISP)          | (138)  |
| Microchip | PIC16LF916 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16LF916 [QFN28]        | (635)  |
| Microchip | PIC16LF916 [SOIC28]       | (51)   |
| Microchip | PIC16LF916 [SSOP28]       | (1103) |
| Microchip | PIC16LF917                |        |
| Microchip | PIC16LF917 (ISP)          | (138)  |
| Microchip | PIC16LF917 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16LF917 [QFN44]        | (646)  |
| Microchip | PIC16LF917 [TQFP44]       | (94)   |
| Microchip | PIC16LF946                |        |
| Microchip | PIC16LF946 (ISP)          | (138)  |
| Microchip | PIC16LF946 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC16LF946 [TQFP64]       | (691)  |
| Microchip | PIC17C42                  |        |
| Microchip | PIC17C42 [PLCC44]         | (67)   |
| Microchip | PIC17C42A                 |        |
| Microchip | PIC17C42A [MQFP44]        | (108)  |
| Microchip | PIC17C42A [PLCC44]        | (67)   |
| Microchip | PIC17C42A [TQFP44]        | (94)   |
| Microchip | PIC17C43                  |        |
| Microchip | PIC17C43 [MQFP44]         | (108)  |
| Microchip | PIC17C43 [PLCC44]         | (67)   |
| Microchip | PIC17C43 [TQFP44]         | (94)   |
| Microchip | PIC17C44                  |        |
| Microchip | PIC17C44 [MQFP44]         | (108)  |
| Microchip | PIC17C44 [PLCC44]         | (67)   |
| Microchip | PIC17C44 [TQFP44]         | (94)   |
| Microchip | PIC17C752                 |        |
| Microchip | PIC17C752 (ISP)           | (138)  |
| Microchip | PIC17C752 [PLCC68]        | (79)   |
| Microchip | PIC17C752 [TQFP64]        | (104)  |
| Microchip | PIC17C756                 |        |
| Microchip | PIC17C756 (ISP)           | (138)  |
| Microchip | PIC17C756 [PLCC68]        | (79)   |
| Microchip | PIC17C756 [TQFP64]        | (104)  |
| Microchip | PIC17C756A                |        |
| Microchip | PIC17C756A (ISP)          | (138)  |
| Microchip | PIC17C756A [PLCC68]       | (79)   |
| Microchip | PIC17C756A [TQFP64]       | (104)  |
| Microchip | PIC17C762                 |        |
| Microchip | PIC17C762 (ISP)           | (138)  |
| Microchip | PIC17C762 [PLCC84]        | (222)  |
| Microchip | PIC17C762 [TQFP80]        | (237)  |
| Microchip | PIC17C766                 |        |
| Microchip | PIC17C766 (ISP)           | (138)  |
| Microchip | PIC17C766 [PLCC84]        | (222)  |
| Microchip | PIC17C766 [TQFP80]        | (237)  |
| Microchip | PIC17LC42A                |        |
| Microchip | PIC17LC42A [MQFP44]       | (108)  |
| Microchip | PIC17LC42A [PLCC44]       | (67)   |
| Microchip | PIC17LC42A [TQFP44]       | (94)   |
| Microchip | PIC17LC44                 |        |
| Microchip | PIC17LC44 [MQFP44]        | (108)  |
| Microchip | PIC17LC44 [PLCC44]        | (67)   |
| Microchip | PIC17LC44 [TQFP44]        | (94)   |
| Microchip | PIC17LC752                |        |
| Microchip | PIC17LC752 (ISP)          | (138)  |
| Microchip | PIC17LC752 [PLCC68]       | (79)   |
| Microchip | PIC17LC752 [TQFP64]       | (104)  |
| Microchip | PIC17LC756                |        |
| Microchip | PIC17LC756 (ISP)          | (138)  |
| Microchip | PIC17LC756 [PLCC68]       | (79)   |
| Microchip | PIC17LC756 [TQFP64]       | (104)  |
| Microchip | PIC17LC756A               |        |
| Microchip | PIC17LC756A (ISP)         | (138)  |
| Microchip | PIC17LC756A [PLCC68]      | (79)   |
| Microchip | PIC17LC756A [TQFP64]      | (104)  |
| Microchip | PIC17LC762                |        |
| Microchip | PIC17LC762 (ISP)          | (138)  |
| Microchip | PIC17LC762 [PLCC84]       | (222)  |
| Microchip | PIC17LC762 [TQFP80]       | (237)  |
| Microchip | PIC17LC766                |        |
| Microchip | PIC17LC766 (ISP)          | (138)  |
| Microchip | PIC17LC766 [PLCC84]       | (222)  |
| Microchip | PIC17LC766 [TQFP80]       | (237)  |
| Microchip | PIC18C242                 |        |
| Microchip | PIC18C242 (ISP)           | (138)  |
| Microchip | PIC18C242 [SOIC28]        | (51)   |
| Microchip | PIC18C252                 |        |

|           |                           |        |
|-----------|---------------------------|--------|
| Microchip | PIC18C252 (ISP)           | (138)  |
| Microchip | PIC18C252 [SOIC28]        | (51)   |
| Microchip | PIC18C442                 |        |
| Microchip | PIC18C442 (ISP)           | (138)  |
| Microchip | PIC18C442 [PLCC44]        | (67)   |
| Microchip | PIC18C442 [TQFP44]        | (94)   |
| Microchip | PIC18C452                 |        |
| Microchip | PIC18C452 (ISP)           | (138)  |
| Microchip | PIC18C452 [PLCC44]        | (67)   |
| Microchip | PIC18C452 [TQFP44]        | (94)   |
| Microchip | PIC18C658 (ISP)           | (138)  |
| Microchip | PIC18C658 [PLCC68]        | (80)   |
| Microchip | PIC18C658 [TQFP64]        | (104)  |
| Microchip | PIC18C858 (ISP)           | (138)  |
| Microchip | PIC18C858 [PLCC84]        | (222)  |
| Microchip | PIC18C858 [TQFP80]        | (237)  |
| Microchip | PIC18F1220                |        |
| Microchip | PIC18F1220 (ISP)          | (138)  |
| Microchip | PIC18F1220 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18F1220 [QFN28]        | (635)  |
| Microchip | PIC18F1220 [SOIC18]       | (1061) |
| Microchip | PIC18F1220 [SSOP20]       | (91)   |
| Microchip | PIC18F1230                |        |
| Microchip | PIC18F1230 (ISP)          | (138)  |
| Microchip | PIC18F1230 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18F1230 [QFN28]        | (635)  |
| Microchip | PIC18F1230 [SOIC18]       | (1061) |
| Microchip | PIC18F1230 [SSOP20]       | (91)   |
| Microchip | PIC18F1320                |        |
| Microchip | PIC18F1320 (ISP)          | (138)  |
| Microchip | PIC18F1320 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18F1320 [QFN28]        | (635)  |
| Microchip | PIC18F1320 [SOIC18]       | (1061) |
| Microchip | PIC18F1320 [SSOP20]       | (91)   |
| Microchip | PIC18F1330                |        |
| Microchip | PIC18F1330 (ISP)          | (138)  |
| Microchip | PIC18F1330 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18F1330 [QFN28]        | (635)  |
| Microchip | PIC18F1330 [SOIC18]       | (1061) |
| Microchip | PIC18F1330 [SSOP20]       | (91)   |
| Microchip | PIC18F13K22               |        |
| Microchip | PIC18F13K22 (ISP)         | (138)  |
| Microchip | PIC18F13K22 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F13K22 [QFN20]       | (575)  |
| Microchip | PIC18F13K22 [SOIC20]      | (119)  |
| Microchip | PIC18F13K22 [SSOP20]      | (91)   |
| Microchip | PIC18F13K50               |        |
| Microchip | PIC18F13K50 (ISP)         | (138)  |
| Microchip | PIC18F13K50 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F13K50 [QFN20]       | (1398) |
| Microchip | PIC18F13K50 [SOIC20]      | (119)  |
| Microchip | PIC18F13K50 [SSOP20]      | (91)   |
| Microchip | PIC18F14K22               |        |
| Microchip | PIC18F14K22 (ISP)         | (138)  |
| Microchip | PIC18F14K22 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F14K22 [QFN20]       | (575)  |
| Microchip | PIC18F14K22 [SOIC20]      | (119)  |
| Microchip | PIC18F14K22 [SSOP20]      | (91)   |
| Microchip | PIC18F14K22LIN [SSOP20]   | (91)   |
| Microchip | PIC18F14K50               |        |
| Microchip | PIC18F14K50 (ISP)         | (138)  |
| Microchip | PIC18F14K50 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F14K50 [QFN20]       | (1398) |
| Microchip | PIC18F14K50 [SOIC20]      | (119)  |
| Microchip | PIC18F14K50 [SSOP20]      | (91)   |
| Microchip | PIC18F2220                |        |
| Microchip | PIC18F2220 (ISP)          | (138)  |
| Microchip | PIC18F2220 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18F2220 [SOIC28]       | (51)   |
| Microchip | PIC18F2221                |        |
| Microchip | PIC18F2221 (ISP)          | (138)  |
| Microchip | PIC18F2221 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18F2221 [QFN28]        | (635)  |
| Microchip | PIC18F2221 [SOIC28]       | (51)   |
| Microchip | PIC18F2221 [SSOP28]       | (1103) |
| Microchip | PIC18F2320                |        |
| Microchip | PIC18F2320 (ISP)          | (138)  |
| Microchip | PIC18F2320 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18F2320 [SOIC28]       | (51)   |
| Microchip | PIC18F2321                |        |
| Microchip | PIC18F2321 (ISP)          | (138)  |
| Microchip | PIC18F2321 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18F2321 [QFN28]        | (635)  |
| Microchip | PIC18F2321 [SOIC28]       | (51)   |
| Microchip | PIC18F2321 [SSOP28]       | (1103) |
| Microchip | PIC18F2331                |        |
| Microchip | PIC18F2331 (ISP)          | (138)  |
| Microchip | PIC18F2331 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18F2331 [QFN28]        | (635)  |
| Microchip | PIC18F2331 [SOIC28]       | (51)   |
| Microchip | PIC18F23K20               |        |
| Microchip | PIC18F23K20 (ISP)         | (138)  |
| Microchip | PIC18F23K20 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F23K20 [QFN28]       | (635)  |
| Microchip | PIC18F23K20 [SOIC28]      | (51)   |
| Microchip | PIC18F23K20 [SSOP28]      | (1103) |
| Microchip | PIC18F23K20 [UQFN28]      | (1550) |
| Microchip | PIC18F23K22               |        |
| Microchip | PIC18F23K22 (ISP)         | (138)  |
| Microchip | PIC18F23K22 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F23K22 [QFN28]       | (635)  |
| Microchip | PIC18F23K22 [SOIC28]      | (51)   |
| Microchip | PIC18F23K22 [SSOP28]      | (1103) |
| Microchip | PIC18F23K22 [UQFN28]      | (1550) |
| Microchip | PIC18F2410                |        |
| Microchip | PIC18F2410 (ISP)          | (138)  |
| Microchip | PIC18F2410 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18F2410 [QFN28]        | (635)  |
| Microchip | PIC18F2410 [SOIC28]       | (51)   |
| Microchip | PIC18F242                 |        |
| Microchip | PIC18F242 (ISP)           | (138)  |
| Microchip | PIC18F242 (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18F242 [SOIC28]        | (51)   |
| Microchip | PIC18F2420                |        |
| Microchip | PIC18F2420 (ISP)          | (138)  |
| Microchip | PIC18F2420 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18F2420 [QFN28]        | (635)  |
| Microchip | PIC18F2420 [SOIC28]       | (51)   |
| Microchip | PIC18F2423                |        |
| Microchip | PIC18F2423 (ISP)          | (138)  |
| Microchip | PIC18F2423 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18F2423 [QFN28]        | (635)  |
| Microchip | PIC18F2423 [SOIC28]       | (51)   |
| Microchip | PIC18F2431                |        |
| Microchip | PIC18F2431 (ISP)          | (138)  |
| Microchip | PIC18F2431 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18F2431 [QFN28]        | (635)  |
| Microchip | PIC18F2431 [SOIC28]       | (51)   |

|           |             |               |              |
|-----------|-------------|---------------|--------------|
| Microchip | PIC18F2439  |               |              |
| Microchip | PIC18F2439  | (ISP)         | (138)        |
| Microchip | PIC18F2439  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2439  | [SOIC28]      | (51)         |
| Microchip | PIC18F2450  |               |              |
| Microchip | PIC18F2450  | (ISP)         | (138)        |
| Microchip | PIC18F2450  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2450  | [QFN28]       | (635)        |
| Microchip | PIC18F2450  | [SOIC28]      | (51)         |
| Microchip | PIC18F2455  |               |              |
| Microchip | PIC18F2455  | (ISP)         | (138)        |
| Microchip | PIC18F2455  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2455  | [SOIC28]      | (51)         |
| Microchip | PIC18F2458  |               |              |
| Microchip | PIC18F2458  | (ISP)         | (138)        |
| Microchip | PIC18F2458  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2458  | [SOIC28]      | (51)         |
| Microchip | PIC18F248   |               |              |
| Microchip | PIC18F248   | (ISP)         | (138)        |
| Microchip | PIC18F248   | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F248   | [SOIC28]      | (51)         |
| Microchip | PIC18F2480  |               |              |
| Microchip | PIC18F2480  | (ISP)         | (138)        |
| Microchip | PIC18F2480  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2480  | [QFN28]       | (635)        |
| Microchip | PIC18F2480  | [SOIC28]      | (51)         |
| Microchip | PIC18F24J10 |               |              |
| Microchip | PIC18F24J10 | (ISP)         | (138)        |
| Microchip | PIC18F24J10 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F24J10 | [QFN28]       | (635)        |
| Microchip | PIC18F24J10 | [SOIC28]      | (51)         |
| Microchip | PIC18F24J10 | [SSOP28]      | (1103)       |
| Microchip | PIC18F24J11 |               |              |
| Microchip | PIC18F24J11 | (ISP)         | (138)        |
| Microchip | PIC18F24J11 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F24J11 | [QFN28]       | (635)        |
| Microchip | PIC18F24J11 | [SOIC28]      | (51)         |
| Microchip | PIC18F24J11 | [SSOP28]      | (1103)       |
| Microchip | PIC18F24J50 |               |              |
| Microchip | PIC18F24J50 | (ISP)         | (138)        |
| Microchip | PIC18F24J50 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F24J50 | [QFN28]       | (635)        |
| Microchip | PIC18F24J50 | [SOIC28]      | (51)         |
| Microchip | PIC18F24J50 | [SSOP28]      | (1103)       |
| Microchip | PIC18F24K20 |               |              |
| Microchip | PIC18F24K20 | (ISP)         | (138)        |
| Microchip | PIC18F24K20 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F24K20 | [QFN28]       | (635)        |
| Microchip | PIC18F24K20 | [SOIC28]      | (51)         |
| Microchip | PIC18F24K20 | [SSOP28]      | (1103)       |
| Microchip | PIC18F24K22 |               |              |
| Microchip | PIC18F24K22 | (ISP)         | (138)        |
| Microchip | PIC18F24K22 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F24K22 | [QFN28]       | (635)        |
| Microchip | PIC18F24K22 | [SOIC28]      | (51)         |
| Microchip | PIC18F24K22 | [SSOP28]      | (1103)       |
| Microchip | PIC18F24K22 | [UQFN28]      | (1550)       |
| Microchip | PIC18F24K40 |               |              |
| Microchip | PIC18F24K40 | (ISP)         | (138)        |
| Microchip | PIC18F24K40 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F24K40 | [QFN28]       | (635)        |
| Microchip | PIC18F24K40 | [SOIC28]      | (51)         |
| Microchip | PIC18F24K40 | [SSOP28]      | (1103)       |
| Microchip | PIC18F24K40 | [UQFN28]      | (1550)       |
| Microchip | PIC18F24K42 |               |              |
| Microchip | PIC18F24K42 | (ISP)         | (138)        |
| Microchip | PIC18F24K42 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F24K42 | [QFN28]       | (635)        |
| Microchip | PIC18F24K42 | [SOIC28]      | (51)         |
| Microchip | PIC18F24K42 | [SSOP28]      | (1103)       |
| Microchip | PIC18F24K42 | [UQFN28]      | (1550)       |
| Microchip | PIC18F24K50 |               |              |
| Microchip | PIC18F24K50 | (ISP)         | (138)        |
| Microchip | PIC18F24K50 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F24K50 | [QFN28]       | (635)        |
| Microchip | PIC18F24K50 | [SOIC28]      | (51)         |
| Microchip | PIC18F24K50 | [SSOP28]      | (1103)       |
| Microchip | PIC18F24Q10 |               |              |
| Microchip | PIC18F24Q10 | (ISP)         | (138) (9997) |
| Microchip | PIC18F24Q10 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC18F24Q10 | [QFN28]       | (4642)       |
| Microchip | PIC18F24Q10 | [SOIC28]      | (4043)       |
| Microchip | PIC18F24Q10 | [SSOP28]      | (4815)       |
| Microchip | PIC18F24Q10 | [VQFN28]      | (1550)       |
| Microchip | PIC18F2510  |               |              |
| Microchip | PIC18F2510  | (ISP)         | (138)        |
| Microchip | PIC18F2510  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2510  | [QFN28]       | (635)        |
| Microchip | PIC18F2510  | [SOIC28]      | (51)         |
| Microchip | PIC18F2515  |               |              |
| Microchip | PIC18F2515  | (ISP)         | (138)        |
| Microchip | PIC18F2515  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2515  | [SOIC28]      | (51)         |
| Microchip | PIC18F252   |               |              |
| Microchip | PIC18F252   | (ISP)         | (138)        |
| Microchip | PIC18F252   | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F252   | [SOIC28]      | (51)         |
| Microchip | PIC18F2520  |               |              |
| Microchip | PIC18F2520  | (ISP)         | (138)        |
| Microchip | PIC18F2520  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2520  | [QFN28]       | (635)        |
| Microchip | PIC18F2520  | [SOIC28]      | (51)         |
| Microchip | PIC18F2523  |               |              |
| Microchip | PIC18F2523  | (ISP)         | (138)        |
| Microchip | PIC18F2523  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2523  | [QFN28]       | (635)        |
| Microchip | PIC18F2523  | [SOIC28]      | (51)         |
| Microchip | PIC18F2525  |               |              |
| Microchip | PIC18F2525  | (ISP)         | (138)        |
| Microchip | PIC18F2525  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2525  | [SOIC28]      | (51)         |
| Microchip | PIC18F2539  |               |              |
| Microchip | PIC18F2539  | (ISP)         | (138)        |
| Microchip | PIC18F2539  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2539  | [SOIC28]      | (51)         |
| Microchip | PIC18F2550  |               |              |
| Microchip | PIC18F2550  | (ISP)         | (138)        |
| Microchip | PIC18F2550  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2550  | [SOIC28]      | (51)         |
| Microchip | PIC18F2553  |               |              |
| Microchip | PIC18F2553  | (ISP)         | (138)        |
| Microchip | PIC18F2553  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2553  | [SOIC28]      | (51)         |
| Microchip | PIC18F258   |               |              |
| Microchip | PIC18F258   | (ISP)         | (138)        |
| Microchip | PIC18F258   | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F258   | [SOIC28]      | (51)         |
| Microchip | PIC18F2580  |               |              |

|           |             |               |              |
|-----------|-------------|---------------|--------------|
| Microchip | PIC18F2580  | (ISP)         | (138)        |
| Microchip | PIC18F2580  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2580  | [QFN28]       | (635)        |
| Microchip | PIC18F2580  | [SOIC28]      | (51)         |
| Microchip | PIC18F2585  |               |              |
| Microchip | PIC18F2585  | (ISP)         | (138)        |
| Microchip | PIC18F2585  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2585  | [SOIC28]      | (51)         |
| Microchip | PIC18F25J10 |               |              |
| Microchip | PIC18F25J10 | (ISP)         | (138)        |
| Microchip | PIC18F25J10 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F25J10 | [QFN28]       | (635)        |
| Microchip | PIC18F25J10 | [SOIC28]      | (51)         |
| Microchip | PIC18F25J10 | [SSOP28]      | (1103)       |
| Microchip | PIC18F25J11 |               |              |
| Microchip | PIC18F25J11 | (ISP)         | (138)        |
| Microchip | PIC18F25J11 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F25J11 | [QFN28]       | (635)        |
| Microchip | PIC18F25J11 | [SOIC28]      | (51)         |
| Microchip | PIC18F25J11 | [SSOP28]      | (1103)       |
| Microchip | PIC18F25J50 |               |              |
| Microchip | PIC18F25J50 | (ISP)         | (138)        |
| Microchip | PIC18F25J50 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F25J50 | [QFN28]       | (635)        |
| Microchip | PIC18F25J50 | [SOIC28]      | (51)         |
| Microchip | PIC18F25J50 | [SSOP28]      | (1103)       |
| Microchip | PIC18F25K20 |               |              |
| Microchip | PIC18F25K20 | (ISP)         | (138)        |
| Microchip | PIC18F25K20 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F25K20 | [QFN28]       | (635)        |
| Microchip | PIC18F25K20 | [SOIC28]      | (51)         |
| Microchip | PIC18F25K20 | [SSOP28]      | (1103)       |
| Microchip | PIC18F25K22 |               |              |
| Microchip | PIC18F25K22 | (ISP)         | (138)        |
| Microchip | PIC18F25K22 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F25K22 | [QFN28]       | (635)        |
| Microchip | PIC18F25K22 | [SOIC28]      | (51)         |
| Microchip | PIC18F25K22 | [SSOP28]      | (1103)       |
| Microchip | PIC18F25K40 |               |              |
| Microchip | PIC18F25K40 | (ISP)         | (138)        |
| Microchip | PIC18F25K40 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F25K40 | [QFN28]       | (635)        |
| Microchip | PIC18F25K40 | [SOIC28]      | (51)         |
| Microchip | PIC18F25K40 | [SSOP28]      | (1103)       |
| Microchip | PIC18F25K40 | [UQFN28]      | (1550)       |
| Microchip | PIC18F25K42 |               |              |
| Microchip | PIC18F25K42 | (ISP)         | (138)        |
| Microchip | PIC18F25K42 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F25K42 | [QFN28]       | (635)        |
| Microchip | PIC18F25K42 | [SOIC28]      | (51)         |
| Microchip | PIC18F25K42 | [SSOP28]      | (1103)       |
| Microchip | PIC18F25K42 | [UQFN28]      | (1550)       |
| Microchip | PIC18F25K50 |               |              |
| Microchip | PIC18F25K50 | (ISP)         | (138)        |
| Microchip | PIC18F25K50 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F25K50 | [QFN28]       | (635)        |
| Microchip | PIC18F25K50 | [SOIC28]      | (51)         |
| Microchip | PIC18F25K50 | [SSOP28]      | (1103)       |
| Microchip | PIC18F25K80 |               |              |
| Microchip | PIC18F25K80 | (ISP)         | (138)        |
| Microchip | PIC18F25K80 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F25K80 | [QFN28]       | (635)        |
| Microchip | PIC18F25K80 | [SOIC28]      | (51)         |
| Microchip | PIC18F25K80 | [SSOP28]      | (1103)       |
| Microchip | PIC18F25K83 |               |              |
| Microchip | PIC18F25K83 | (ISP)         | (138)        |
| Microchip | PIC18F25K83 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F25K83 | [QFN28]       | (635)        |
| Microchip | PIC18F25K83 | [SOIC28]      | (51)         |
| Microchip | PIC18F25K83 | [SSOP28]      | (1103)       |
| Microchip | PIC18F25K83 | [UQFN28]      | (4642)       |
| Microchip | PIC18F25Q10 |               |              |
| Microchip | PIC18F25Q10 | (ISP)         | (138) (9997) |
| Microchip | PIC18F25Q10 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC18F25Q10 | [QFN28]       | (4642)       |
| Microchip | PIC18F25Q10 | [SOIC28]      | (4043)       |
| Microchip | PIC18F25Q10 | [SSOP28]      | (4815)       |
| Microchip | PIC18F25Q10 | [VQFN28]      | (1550)       |
| Microchip | PIC18F2610  |               |              |
| Microchip | PIC18F2610  | (ISP)         | (138)        |
| Microchip | PIC18F2610  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2610  | [SOIC28]      | (51)         |
| Microchip | PIC18F2620  |               |              |
| Microchip | PIC18F2620  | (ISP)         | (138)        |
| Microchip | PIC18F2620  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2620  | [SOIC28]      | (51)         |
| Microchip | PIC18F2680  |               |              |
| Microchip | PIC18F2680  | (ISP)         | (138)        |
| Microchip | PIC18F2680  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2680  | [SOIC28]      | (51)         |
| Microchip | PIC18F2682  |               |              |
| Microchip | PIC18F2682  | (ISP)         | (138)        |
| Microchip | PIC18F2682  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2682  | [QFN28]       | (635)        |
| Microchip | PIC18F2682  | [SOIC28]      | (51)         |
| Microchip | PIC18F2685  |               |              |
| Microchip | PIC18F2685  | (ISP)         | (138)        |
| Microchip | PIC18F2685  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F2685  | [QFN28]       | (635)        |
| Microchip | PIC18F2685  | [SOIC28]      | (51)         |
| Microchip | PIC18F26J11 |               |              |
| Microchip | PIC18F26J11 | (ISP)         | (138)        |
| Microchip | PIC18F26J11 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F26J11 | [QFN28]       | (635)        |
| Microchip | PIC18F26J11 | [SOIC28]      | (51)         |
| Microchip | PIC18F26J11 | [SSOP28]      | (1103)       |
| Microchip | PIC18F26J13 |               |              |
| Microchip | PIC18F26J13 | (ISP)         | (138)        |
| Microchip | PIC18F26J13 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F26J13 | [QFN28]       | (635)        |
| Microchip | PIC18F26J13 | [SOIC28]      | (51)         |
| Microchip | PIC18F26J13 | [SSOP28]      | (1103)       |
| Microchip | PIC18F26J50 |               |              |
| Microchip | PIC18F26J50 | (ISP)         | (138)        |
| Microchip | PIC18F26J50 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F26J50 | [QFN28]       | (635)        |
| Microchip | PIC18F26J50 | [SOIC28]      | (51)         |
| Microchip | PIC18F26J50 | [SSOP28]      | (1103)       |
| Microchip | PIC18F26J53 |               |              |
| Microchip | PIC18F26J53 | (ISP)         | (138)        |
| Microchip | PIC18F26J53 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F26J53 | [QFN28]       | (635)        |
| Microchip | PIC18F26J53 | [SOIC28]      | (51)         |
| Microchip | PIC18F26J53 | [SSOP28]      | (1103)       |
| Microchip | PIC18F26K20 |               |              |
| Microchip | PIC18F26K20 | (ISP)         | (138)        |
| Microchip | PIC18F26K20 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F26K20 | [QFN28]       | (635)        |

|           |             |               |              |
|-----------|-------------|---------------|--------------|
| Microchip | PIC18F26K20 | [SOIC28]      | (51)         |
| Microchip | PIC18F26K20 | [SSOP28]      | (1103)       |
| Microchip | PIC18F26K22 |               |              |
| Microchip | PIC18F26K22 | (ISP)         | (138)        |
| Microchip | PIC18F26K22 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F26K22 | [QFN28]       | (635)        |
| Microchip | PIC18F26K22 | [SOIC28]      | (51)         |
| Microchip | PIC18F26K22 | [SSOP28]      | (1103)       |
| Microchip | PIC18F26K40 |               |              |
| Microchip | PIC18F26K40 | (ISP)         | (138)        |
| Microchip | PIC18F26K40 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F26K40 | [QFN28]       | (635)        |
| Microchip | PIC18F26K40 | [SOIC28]      | (51)         |
| Microchip | PIC18F26K40 | [SSOP28]      | (1103)       |
| Microchip | PIC18F26K40 | [UQFN28]      | (1550)       |
| Microchip | PIC18F26K42 |               |              |
| Microchip | PIC18F26K42 | (ISP)         | (138)        |
| Microchip | PIC18F26K42 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F26K42 | [QFN28]       | (635)        |
| Microchip | PIC18F26K42 | [SOIC28]      | (51)         |
| Microchip | PIC18F26K42 | [SSOP28]      | (1103)       |
| Microchip | PIC18F26K42 | [UQFN28]      | (1550)       |
| Microchip | PIC18F26K50 |               |              |
| Microchip | PIC18F26K50 | (ISP)         | (138)        |
| Microchip | PIC18F26K50 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F26K50 | [QFN28]       | (635)        |
| Microchip | PIC18F26K50 | [SOIC28]      | (51)         |
| Microchip | PIC18F26K50 | [SSOP28]      | (1103)       |
| Microchip | PIC18F26K80 |               |              |
| Microchip | PIC18F26K80 | (ISP)         | (138)        |
| Microchip | PIC18F26K80 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F26K80 | [QFN28]       | (635)        |
| Microchip | PIC18F26K80 | [SOIC28]      | (51)         |
| Microchip | PIC18F26K80 | [SSOP28]      | (1103)       |
| Microchip | PIC18F26K83 |               |              |
| Microchip | PIC18F26K83 | (ISP)         | (138)        |
| Microchip | PIC18F26K83 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F26K83 | [QFN28]       | (635)        |
| Microchip | PIC18F26K83 | [SOIC28]      | (51)         |
| Microchip | PIC18F26K83 | [SSOP28]      | (1103)       |
| Microchip | PIC18F26K83 | [UQFN28]      | (4642)       |
| Microchip | PIC18F26Q10 |               |              |
| Microchip | PIC18F26Q10 | (ISP)         | (138) (9997) |
| Microchip | PIC18F26Q10 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC18F26Q10 | [QFN28]       | (4642)       |
| Microchip | PIC18F26Q10 | [SOIC28]      | (4043)       |
| Microchip | PIC18F26Q10 | [SSOP28]      | (4815)       |
| Microchip | PIC18F26Q10 | [VQFN28]      | (1550)       |
| Microchip | PIC18F27J13 |               |              |
| Microchip | PIC18F27J13 | (ISP)         | (138)        |
| Microchip | PIC18F27J13 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F27J13 | [QFN28]       | (635)        |
| Microchip | PIC18F27J13 | [SOIC28]      | (51)         |
| Microchip | PIC18F27J13 | [SSOP28]      | (1103)       |
| Microchip | PIC18F27J53 |               |              |
| Microchip | PIC18F27J53 | (ISP)         | (138)        |
| Microchip | PIC18F27J53 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F27J53 | [QFN28]       | (635)        |
| Microchip | PIC18F27J53 | [SOIC28]      | (51)         |
| Microchip | PIC18F27J53 | [SSOP28]      | (1103)       |
| Microchip | PIC18F27K40 |               |              |
| Microchip | PIC18F27K40 | (ISP)         | (138)        |
| Microchip | PIC18F27K40 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F27K40 | [QFN28]       | (635)        |
| Microchip | PIC18F27K40 | [SOIC28]      | (51)         |
| Microchip | PIC18F27K40 | [SSOP28]      | (1103)       |
| Microchip | PIC18F27K40 | [UQFN28]      | (1550)       |
| Microchip | PIC18F27K42 |               |              |
| Microchip | PIC18F27K42 | (ISP)         | (138)        |
| Microchip | PIC18F27K42 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F27K42 | [QFN28]       | (635)        |
| Microchip | PIC18F27K42 | [SOIC28]      | (51)         |
| Microchip | PIC18F27K42 | [SSOP28]      | (1103)       |
| Microchip | PIC18F27K42 | [UQFN28]      | (1550)       |
| Microchip | PIC18F27Q10 |               |              |
| Microchip | PIC18F27Q10 | (ISP)         | (138) (9997) |
| Microchip | PIC18F27Q10 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC18F27Q10 | [QFN28]       | (4642)       |
| Microchip | PIC18F27Q10 | [SOIC28]      | (4043)       |
| Microchip | PIC18F27Q10 | [SSOP28]      | (4815)       |
| Microchip | PIC18F27Q10 | [VQFN28]      | (1550)       |
| Microchip | PIC18F4220  |               |              |
| Microchip | PIC18F4220  | (ISP)         | (138)        |
| Microchip | PIC18F4220  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F4220  | [QFN44]       | (646)        |
| Microchip | PIC18F4220  | [TQFP44]      | (94)         |
| Microchip | PIC18F4221  |               |              |
| Microchip | PIC18F4221  | (ISP)         | (138)        |
| Microchip | PIC18F4221  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F4221  | [QFN44]       | (646)        |
| Microchip | PIC18F4221  | [TQFP44]      | (94)         |
| Microchip | PIC18F4320  |               |              |
| Microchip | PIC18F4320  | (ISP)         | (138)        |
| Microchip | PIC18F4320  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F4320  | [QFN44]       | (646)        |
| Microchip | PIC18F4320  | [TQFP44]      | (94)         |
| Microchip | PIC18F4321  |               |              |
| Microchip | PIC18F4321  | (ISP)         | (138)        |
| Microchip | PIC18F4321  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F4321  | [QFN44]       | (646)        |
| Microchip | PIC18F4321  | [TQFP44]      | (94)         |
| Microchip | PIC18F4331  |               |              |
| Microchip | PIC18F4331  | (ISP)         | (138)        |
| Microchip | PIC18F4331  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F4331  | [QFN44]       | (646)        |
| Microchip | PIC18F4331  | [TQFP44]      | (94)         |
| Microchip | PIC18F43K20 |               |              |
| Microchip | PIC18F43K20 | (ISP)         | (138)        |
| Microchip | PIC18F43K20 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F43K20 | [QFN44]       | (646)        |
| Microchip | PIC18F43K20 | [TQFP44]      | (94)         |
| Microchip | PIC18F43K22 |               |              |
| Microchip | PIC18F43K22 | (ISP)         | (138)        |
| Microchip | PIC18F43K22 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F43K22 | [QFN44]       | (646)        |
| Microchip | PIC18F43K22 | [TQFP44]      | (94)         |
| Microchip | PIC18F43K22 | [UQFN40]      | (2263)       |
| Microchip | PIC18F4410  |               |              |
| Microchip | PIC18F4410  | (ISP)         | (138)        |
| Microchip | PIC18F4410  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F4410  | [QFN44]       | (646)        |
| Microchip | PIC18F4410  | [TQFP44]      | (94)         |
| Microchip | PIC18F442   |               |              |
| Microchip | PIC18F442   | (ISP)         | (138)        |
| Microchip | PIC18F442   | (ISP-ext.VDD) | (138)        |
| Microchip | PIC18F442   | [PLCC44]      | (67)         |
| Microchip | PIC18F442   | [QFN44]       | (646)        |
| Microchip | PIC18F442   | [TQFP44]      | (94)         |

|           |             |               |        |
|-----------|-------------|---------------|--------|
| Microchip | PIC18F4420  |               |        |
| Microchip | PIC18F4420  | (ISP)         | (138)  |
| Microchip | PIC18F4420  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4420  | [QFN44]       | (646)  |
| Microchip | PIC18F4420  | [TQFP44]      | (94)   |
| Microchip | PIC18F4423  |               |        |
| Microchip | PIC18F4423  | (ISP)         | (138)  |
| Microchip | PIC18F4423  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4423  | [QFN44]       | (646)  |
| Microchip | PIC18F4423  | [TQFP44]      | (94)   |
| Microchip | PIC18F4431  |               |        |
| Microchip | PIC18F4431  | (ISP)         | (138)  |
| Microchip | PIC18F4431  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4431  | [QFN44]       | (646)  |
| Microchip | PIC18F4431  | [TQFP44]      | (94)   |
| Microchip | PIC18F4439  |               |        |
| Microchip | PIC18F4439  | (ISP)         | (138)  |
| Microchip | PIC18F4439  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4439  | [PLCC44]      | (67)   |
| Microchip | PIC18F4439  | [QFN44]       | (646)  |
| Microchip | PIC18F4439  | [TQFP44]      | (94)   |
| Microchip | PIC18F4450  |               |        |
| Microchip | PIC18F4450  | (ISP)         | (138)  |
| Microchip | PIC18F4450  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4450  | [QFN44]       | (646)  |
| Microchip | PIC18F4450  | [TQFP44]      | (94)   |
| Microchip | PIC18F4455  |               |        |
| Microchip | PIC18F4455  | (ISP)         | (138)  |
| Microchip | PIC18F4455  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4455  | [QFN44]       | (646)  |
| Microchip | PIC18F4455  | [TQFP44]      | (94)   |
| Microchip | PIC18F4458  |               |        |
| Microchip | PIC18F4458  | (ISP)         | (138)  |
| Microchip | PIC18F4458  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4458  | [QFN44]       | (646)  |
| Microchip | PIC18F4458  | [TQFP44]      | (94)   |
| Microchip | PIC18F448   |               |        |
| Microchip | PIC18F448   | (ISP)         | (138)  |
| Microchip | PIC18F448   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F448   | [PLCC44]      | (67)   |
| Microchip | PIC18F448   | [QFN44]       | (646)  |
| Microchip | PIC18F448   | [TQFP44]      | (94)   |
| Microchip | PIC18F4480  |               |        |
| Microchip | PIC18F4480  | (ISP)         | (138)  |
| Microchip | PIC18F4480  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4480  | [QFN44]       | (646)  |
| Microchip | PIC18F4480  | [TQFP44]      | (94)   |
| Microchip | PIC18F44J10 |               |        |
| Microchip | PIC18F44J10 | (ISP)         | (138)  |
| Microchip | PIC18F44J10 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F44J10 | [QFN44]       | (646)  |
| Microchip | PIC18F44J10 | [TQFP44]      | (223)  |
| Microchip | PIC18F44J11 |               |        |
| Microchip | PIC18F44J11 | (ISP)         | (138)  |
| Microchip | PIC18F44J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F44J11 | [QFN44]       | (646)  |
| Microchip | PIC18F44J11 | [TQFP44]      | (223)  |
| Microchip | PIC18F44J50 |               |        |
| Microchip | PIC18F44J50 | (ISP)         | (138)  |
| Microchip | PIC18F44J50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F44J50 | [QFN44]       | (646)  |
| Microchip | PIC18F44J50 | [TQFP44]      | (223)  |
| Microchip | PIC18F44K20 |               |        |
| Microchip | PIC18F44K20 | (ISP)         | (138)  |
| Microchip | PIC18F44K20 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F44K20 | [QFN44]       | (646)  |
| Microchip | PIC18F44K20 | [TQFP44]      | (94)   |
| Microchip | PIC18F44K22 |               |        |
| Microchip | PIC18F44K22 | (ISP)         | (138)  |
| Microchip | PIC18F44K22 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F44K22 | [QFN44]       | (646)  |
| Microchip | PIC18F44K22 | [TQFP44]      | (94)   |
| Microchip | PIC18F44K22 | [UQFN40]      | (2263) |
| Microchip | PIC18F4510  |               |        |
| Microchip | PIC18F4510  | (ISP)         | (138)  |
| Microchip | PIC18F4510  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4510  | [QFN44]       | (646)  |
| Microchip | PIC18F4510  | [TQFP44]      | (94)   |
| Microchip | PIC18F4515  |               |        |
| Microchip | PIC18F4515  | (ISP)         | (138)  |
| Microchip | PIC18F4515  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4515  | [QFN44]       | (646)  |
| Microchip | PIC18F4515  | [TQFP44]      | (94)   |
| Microchip | PIC18F452   |               |        |
| Microchip | PIC18F452   | (ISP)         | (138)  |
| Microchip | PIC18F452   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F452   | [PLCC44]      | (67)   |
| Microchip | PIC18F452   | [QFN44]       | (646)  |
| Microchip | PIC18F452   | [TQFP44]      | (94)   |
| Microchip | PIC18F4520  |               |        |
| Microchip | PIC18F4520  | (ISP)         | (138)  |
| Microchip | PIC18F4520  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4520  | [QFN44]       | (646)  |
| Microchip | PIC18F4520  | [TQFP44]      | (94)   |
| Microchip | PIC18F4523  |               |        |
| Microchip | PIC18F4523  | (ISP)         | (138)  |
| Microchip | PIC18F4523  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4523  | [QFN44]       | (646)  |
| Microchip | PIC18F4523  | [TQFP44]      | (94)   |
| Microchip | PIC18F4525  |               |        |
| Microchip | PIC18F4525  | (ISP)         | (138)  |
| Microchip | PIC18F4525  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4525  | [QFN44]       | (646)  |
| Microchip | PIC18F4525  | [TQFP44]      | (94)   |
| Microchip | PIC18F4539  |               |        |
| Microchip | PIC18F4539  | (ISP)         | (138)  |
| Microchip | PIC18F4539  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4539  | [PLCC44]      | (67)   |
| Microchip | PIC18F4539  | [QFN44]       | (646)  |
| Microchip | PIC18F4539  | [TQFP44]      | (94)   |
| Microchip | PIC18F4550  |               |        |
| Microchip | PIC18F4550  | (ISP)         | (138)  |
| Microchip | PIC18F4550  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4550  | [QFN44]       | (646)  |
| Microchip | PIC18F4550  | [TQFP44]      | (94)   |
| Microchip | PIC18F4553  |               |        |
| Microchip | PIC18F4553  | (ISP)         | (138)  |
| Microchip | PIC18F4553  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4553  | [QFN44]       | (646)  |
| Microchip | PIC18F4553  | [TQFP44]      | (94)   |
| Microchip | PIC18F458   |               |        |
| Microchip | PIC18F458   | (ISP)         | (138)  |
| Microchip | PIC18F458   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F458   | [PLCC44]      | (67)   |
| Microchip | PIC18F458   | [QFN44]       | (646)  |
| Microchip | PIC18F458   | [TQFP44]      | (94)   |
| Microchip | PIC18F4580  |               |        |
| Microchip | PIC18F4580  | (ISP)         | (138)  |
| Microchip | PIC18F4580  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4580  | [QFN44]       | (646)  |

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|-----------|-------------|---------------|--------|
| Microchip | PIC18F4580  | [TQFP44]      | (94)   |
| Microchip | PIC18F4585  |               |        |
| Microchip | PIC18F4585  | (ISP)         | (138)  |
| Microchip | PIC18F4585  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4585  | [QFN44]       | (646)  |
| Microchip | PIC18F4585  | [TQFP44]      | (94)   |
| Microchip | PIC18F45J10 |               |        |
| Microchip | PIC18F45J10 | (ISP)         | (138)  |
| Microchip | PIC18F45J10 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F45J10 | [QFN44]       | (646)  |
| Microchip | PIC18F45J10 | [TQFP44]      | (223)  |
| Microchip | PIC18F45J11 | (ISP)         | (138)  |
| Microchip | PIC18F45J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F45J11 | [QFN44]       | (646)  |
| Microchip | PIC18F45J11 | [TQFP44]      | (223)  |
| Microchip | PIC18F45J50 | (ISP)         | (138)  |
| Microchip | PIC18F45J50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F45J50 | [QFN44]       | (646)  |
| Microchip | PIC18F45J50 | [TQFP44]      | (223)  |
| Microchip | PIC18F45K20 |               |        |
| Microchip | PIC18F45K20 | (ISP)         | (138)  |
| Microchip | PIC18F45K20 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F45K20 | [QFN44]       | (646)  |
| Microchip | PIC18F45K20 | [TQFP44]      | (94)   |
| Microchip | PIC18F45K22 |               |        |
| Microchip | PIC18F45K22 | (ISP)         | (138)  |
| Microchip | PIC18F45K22 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F45K22 | [QFN44]       | (646)  |
| Microchip | PIC18F45K22 | [TQFP44]      | (94)   |
| Microchip | PIC18F45K22 | [UQFN40]      | (2263) |
| Microchip | PIC18F45K40 |               |        |
| Microchip | PIC18F45K40 | (ISP)         | (138)  |
| Microchip | PIC18F45K40 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F45K40 | [QFN44]       | (646)  |
| Microchip | PIC18F45K40 | [TQFP44]      | (94)   |
| Microchip | PIC18F45K40 | [UQFN40]      | (2263) |
| Microchip | PIC18F45K42 |               |        |
| Microchip | PIC18F45K42 | (ISP)         | (138)  |
| Microchip | PIC18F45K42 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F45K42 | [QFN44]       | (646)  |
| Microchip | PIC18F45K42 | [TQFP44]      | (94)   |
| Microchip | PIC18F45K42 | [UQFN40]      | (2263) |
| Microchip | PIC18F45K50 |               |        |
| Microchip | PIC18F45K50 | (ISP)         | (138)  |
| Microchip | PIC18F45K50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F45K50 | [TQFP44]      | (94)   |
| Microchip | PIC18F45K50 | [UQFN40]      | (2263) |
| Microchip | PIC18F45K80 |               |        |
| Microchip | PIC18F45K80 | (ISP)         | (138)  |
| Microchip | PIC18F45K80 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F45K80 | [QFN44]       | (646)  |
| Microchip | PIC18F45K80 | [TQFP44]      | (94)   |
| Microchip | PIC18F4610  |               |        |
| Microchip | PIC18F4610  | (ISP)         | (138)  |
| Microchip | PIC18F4610  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4610  | [QFN44]       | (646)  |
| Microchip | PIC18F4610  | [TQFP44]      | (94)   |
| Microchip | PIC18F4620  |               |        |
| Microchip | PIC18F4620  | (ISP)         | (138)  |
| Microchip | PIC18F4620  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4620  | [QFN44]       | (646)  |
| Microchip | PIC18F4620  | [TQFP44]      | (94)   |
| Microchip | PIC18F4680  |               |        |
| Microchip | PIC18F4680  | (ISP)         | (138)  |
| Microchip | PIC18F4680  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4680  | [QFN44]       | (646)  |
| Microchip | PIC18F4680  | [TQFP44]      | (94)   |
| Microchip | PIC18F4682  |               |        |
| Microchip | PIC18F4682  | (ISP)         | (138)  |
| Microchip | PIC18F4682  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4682  | [QFN44]       | (646)  |
| Microchip | PIC18F4682  | [TQFP44]      | (94)   |
| Microchip | PIC18F4685  |               |        |
| Microchip | PIC18F4685  | (ISP)         | (138)  |
| Microchip | PIC18F4685  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F4685  | [QFN44]       | (646)  |
| Microchip | PIC18F4685  | [TQFP44]      | (94)   |
| Microchip | PIC18F46J11 | (ISP)         | (138)  |
| Microchip | PIC18F46J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F46J11 | [QFN44]       | (646)  |
| Microchip | PIC18F46J11 | [TQFP44]      | (223)  |
| Microchip | PIC18F46J13 | (ISP)         | (138)  |
| Microchip | PIC18F46J13 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F46J13 | [QFN44]       | (646)  |
| Microchip | PIC18F46J13 | [TQFP44]      | (223)  |
| Microchip | PIC18F46J50 | (ISP)         | (138)  |
| Microchip | PIC18F46J50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F46J50 | [QFN44]       | (646)  |
| Microchip | PIC18F46J50 | [TQFP44]      | (223)  |
| Microchip | PIC18F46J53 | (ISP)         | (138)  |
| Microchip | PIC18F46J53 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F46J53 | [QFN44]       | (646)  |
| Microchip | PIC18F46J53 | [TQFP44]      | (223)  |
| Microchip | PIC18F46K20 |               |        |
| Microchip | PIC18F46K20 | (ISP)         | (138)  |
| Microchip | PIC18F46K20 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F46K20 | [QFN44]       | (646)  |
| Microchip | PIC18F46K20 | [TQFP44]      | (94)   |
| Microchip | PIC18F46K22 |               |        |
| Microchip | PIC18F46K22 | (ISP)         | (138)  |
| Microchip | PIC18F46K22 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F46K22 | [QFN44]       | (646)  |
| Microchip | PIC18F46K22 | [TQFP44]      | (94)   |
| Microchip | PIC18F46K22 | [UQFN40]      | (2263) |
| Microchip | PIC18F46K40 |               |        |
| Microchip | PIC18F46K40 | (ISP)         | (138)  |
| Microchip | PIC18F46K40 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F46K40 | [QFN44]       | (646)  |
| Microchip | PIC18F46K40 | [TQFP44]      | (94)   |
| Microchip | PIC18F46K40 | [UQFN40]      | (2263) |
| Microchip | PIC18F46K42 |               |        |
| Microchip | PIC18F46K42 | (ISP)         | (138)  |
| Microchip | PIC18F46K42 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F46K42 | [QFN44]       | (646)  |
| Microchip | PIC18F46K42 | [TQFP44]      | (94)   |
| Microchip | PIC18F46K42 | [UQFN40]      | (2263) |
| Microchip | PIC18F46K50 |               |        |
| Microchip | PIC18F46K50 | (ISP)         | (138)  |
| Microchip | PIC18F46K50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F46K50 | [TQFP44]      | (94)   |
| Microchip | PIC18F46K50 | [UQFN40]      | (2263) |
| Microchip | PIC18F46K80 |               |        |
| Microchip | PIC18F46K80 | (ISP)         | (138)  |
| Microchip | PIC18F46K80 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F46K80 | [QFN44]       | (646)  |
| Microchip | PIC18F46K80 | [TQFP44]      | (94)   |
| Microchip | PIC18F47J13 | (ISP)         | (138)  |
| Microchip | PIC18F47J13 | (ISP-ext.VDD) | (138)  |



|           |             |               |        |
|-----------|-------------|---------------|--------|
| Microchip | PIC18F47J13 | [QFN44]       | (646)  |
| Microchip | PIC18F47J13 | [TQFP44]      | (223)  |
| Microchip | PIC18F47J53 | (ISP)         | (138)  |
| Microchip | PIC18F47J53 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F47J53 | [QFN44]       | (646)  |
| Microchip | PIC18F47J53 | [TQFP44]      | (223)  |
| Microchip | PIC18F47K40 |               |        |
| Microchip | PIC18F47K40 | (ISP)         | (138)  |
| Microchip | PIC18F47K40 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F47K40 | [QFN44]       | (646)  |
| Microchip | PIC18F47K40 | [TQFP44]      | (94)   |
| Microchip | PIC18F47K40 | [UQFN40]      | (2263) |
| Microchip | PIC18F47K42 |               |        |
| Microchip | PIC18F47K42 | (ISP)         | (138)  |
| Microchip | PIC18F47K42 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F47K42 | [QFN44]       | (646)  |
| Microchip | PIC18F47K42 | [TQFP44]      | (94)   |
| Microchip | PIC18F47K42 | [UQFN40]      | (2263) |
| Microchip | PIC18F55K42 | (ISP)         | (138)  |
| Microchip | PIC18F55K42 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F55K42 | [TQFP48]      | (174)  |
| Microchip | PIC18F55K42 | [UQFN48]      | (2312) |
| Microchip | PIC18F56K42 | (ISP)         | (138)  |
| Microchip | PIC18F56K42 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F56K42 | [TQFP48]      | (174)  |
| Microchip | PIC18F56K42 | [UQFN48]      | (2312) |
| Microchip | PIC18F57K42 | (ISP)         | (138)  |
| Microchip | PIC18F57K42 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F57K42 | [TQFP48]      | (174)  |
| Microchip | PIC18F57K42 | [UQFN48]      | (2312) |
| Microchip | PIC18F6310  | (ISP)         | (138)  |
| Microchip | PIC18F6310  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6310  | [TQFP64]      | (104)  |
| Microchip | PIC18F6390  | (ISP)         | (138)  |
| Microchip | PIC18F6390  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6390  | [TQFP64]      | (104)  |
| Microchip | PIC18F6393  | (ISP)         | (138)  |
| Microchip | PIC18F6393  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6393  | [TQFP64]      | (104)  |
| Microchip | PIC18F63J11 | (ISP)         | (138)  |
| Microchip | PIC18F63J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F63J11 | [TQFP64]      | (691)  |
| Microchip | PIC18F63J90 | (ISP)         | (138)  |
| Microchip | PIC18F63J90 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F63J90 | [TQFP64]      | (691)  |
| Microchip | PIC18F6410  | (ISP)         | (138)  |
| Microchip | PIC18F6410  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6410  | [TQFP64]      | (104)  |
| Microchip | PIC18F6490  | (ISP)         | (138)  |
| Microchip | PIC18F6490  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6490  | [TQFP64]      | (104)  |
| Microchip | PIC18F6493  | (ISP)         | (138)  |
| Microchip | PIC18F6493  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6493  | [TQFP64]      | (104)  |
| Microchip | PIC18F64J11 | (ISP)         | (138)  |
| Microchip | PIC18F64J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F64J11 | [TQFP64]      | (691)  |
| Microchip | PIC18F64J90 | (ISP)         | (138)  |
| Microchip | PIC18F64J90 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F64J90 | [TQFP64]      | (691)  |
| Microchip | PIC18F6520  | (ISP)         | (138)  |
| Microchip | PIC18F6520  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6520  | [TQFP64]      | (104)  |
| Microchip | PIC18F6525  | (ISP)         | (138)  |
| Microchip | PIC18F6525  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6525  | [TQFP64]      | (104)  |
| Microchip | PIC18F6527  | (ISP)         | (138)  |
| Microchip | PIC18F6527  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6527  | [TQFP64]      | (104)  |
| Microchip | PIC18F6585  | (ISP)         | (138)  |
| Microchip | PIC18F6585  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6585  | [PLCC68]      | (80)   |
| Microchip | PIC18F6585  | [TQFP64]      | (104)  |
| Microchip | PIC18F65J10 | (ISP)         | (138)  |
| Microchip | PIC18F65J10 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F65J10 | [TQFP64]      | (691)  |
| Microchip | PIC18F65J11 | (ISP)         | (138)  |
| Microchip | PIC18F65J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F65J11 | [TQFP64]      | (691)  |
| Microchip | PIC18F65J15 | (ISP)         | (138)  |
| Microchip | PIC18F65J15 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F65J15 | [TQFP64]      | (691)  |
| Microchip | PIC18F65J50 | (ISP)         | (138)  |
| Microchip | PIC18F65J50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F65J50 | [TQFP64]      | (691)  |
| Microchip | PIC18F65J90 | (ISP)         | (138)  |
| Microchip | PIC18F65J90 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F65J90 | [TQFP64]      | (691)  |
| Microchip | PIC18F65J94 | (ISP)         | (138)  |
| Microchip | PIC18F65J94 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F65J94 | [QFN64]       | (2259) |
| Microchip | PIC18F65J94 | [TQFP64]      | (691)  |
| Microchip | PIC18F65K22 | (ISP)         | (138)  |
| Microchip | PIC18F65K22 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F65K22 | [QFN64]       | (2259) |
| Microchip | PIC18F65K22 | [TQFP64]      | (691)  |
| Microchip | PIC18F65K40 | (ISP)         | (138)  |
| Microchip | PIC18F65K40 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F65K40 | [QFN64]       | (2259) |
| Microchip | PIC18F65K40 | [TQFP64]      | (691)  |
| Microchip | PIC18F65K80 | (ISP)         | (138)  |
| Microchip | PIC18F65K80 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F65K80 | [QFN64]       | (2416) |
| Microchip | PIC18F65K80 | [TQFP64]      | (2415) |
| Microchip | PIC18F65K90 | (ISP)         | (138)  |
| Microchip | PIC18F65K90 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F65K90 | [QFN64]       | (2259) |
| Microchip | PIC18F65K90 | [TQFP64]      | (691)  |
| Microchip | PIC18F6620  | (ISP)         | (138)  |
| Microchip | PIC18F6620  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6620  | [TQFP64]      | (104)  |
| Microchip | PIC18F6621  | (ISP)         | (138)  |
| Microchip | PIC18F6621  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6621  | [TQFP64]      | (104)  |
| Microchip | PIC18F6622  | (ISP)         | (138)  |
| Microchip | PIC18F6622  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6622  | [TQFP64]      | (104)  |
| Microchip | PIC18F6627  | (ISP)         | (138)  |
| Microchip | PIC18F6627  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6627  | [TQFP64]      | (104)  |
| Microchip | PIC18F6628  | (ISP)         | (138)  |
| Microchip | PIC18F6628  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6628  | [TQFP64]      | (104)  |
| Microchip | PIC18F6680  | (ISP)         | (138)  |
| Microchip | PIC18F6680  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6680  | [PLCC68]      | (80)   |
| Microchip | PIC18F6680  | [TQFP64]      | (104)  |
| Microchip | PIC18F66J10 | (ISP)         | (138)  |

|           |             |               |        |
|-----------|-------------|---------------|--------|
| Microchip | PIC18F66J10 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66J10 | [TQFP64]      | (691)  |
| Microchip | PIC18F66J11 | (ISP)         | (138)  |
| Microchip | PIC18F66J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66J11 | [TQFP64]      | (691)  |
| Microchip | PIC18F66J15 | (ISP)         | (138)  |
| Microchip | PIC18F66J15 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66J15 | [TQFP64]      | (691)  |
| Microchip | PIC18F66J16 | (ISP)         | (138)  |
| Microchip | PIC18F66J16 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66J16 | [TQFP64]      | (691)  |
| Microchip | PIC18F66J50 | (ISP)         | (138)  |
| Microchip | PIC18F66J50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66J50 | [TQFP64]      | (691)  |
| Microchip | PIC18F66J55 | (ISP)         | (138)  |
| Microchip | PIC18F66J55 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66J55 | [TQFP64]      | (691)  |
| Microchip | PIC18F66J60 | (ISP)         | (138)  |
| Microchip | PIC18F66J60 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66J60 | [TQFP64]      | (691)  |
| Microchip | PIC18F66J65 | (ISP)         | (138)  |
| Microchip | PIC18F66J65 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66J65 | [TQFP64]      | (691)  |
| Microchip | PIC18F66J90 | (ISP)         | (138)  |
| Microchip | PIC18F66J90 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66J90 | [TQFP64]      | (691)  |
| Microchip | PIC18F66J93 | (ISP)         | (138)  |
| Microchip | PIC18F66J93 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66J93 | [TQFP64]      | (691)  |
| Microchip | PIC18F66J94 | (ISP)         | (138)  |
| Microchip | PIC18F66J94 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66J94 | [QFN64]       | (2259) |
| Microchip | PIC18F66J94 | [TQFP64]      | (691)  |
| Microchip | PIC18F66J99 | (ISP)         | (138)  |
| Microchip | PIC18F66J99 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66J99 | [QFN64]       | (2259) |
| Microchip | PIC18F66J99 | [TQFP64]      | (691)  |
| Microchip | PIC18F66K22 | (ISP)         | (138)  |
| Microchip | PIC18F66K22 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66K22 | [QFN64]       | (2259) |
| Microchip | PIC18F66K22 | [TQFP64]      | (691)  |
| Microchip | PIC18F66K40 | (ISP)         | (138)  |
| Microchip | PIC18F66K40 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66K40 | [QFN64]       | (2259) |
| Microchip | PIC18F66K40 | [TQFP64]      | (691)  |
| Microchip | PIC18F66K80 | (ISP)         | (138)  |
| Microchip | PIC18F66K80 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66K80 | [QFN64]       | (2416) |
| Microchip | PIC18F66K80 | [TQFP64]      | (2415) |
| Microchip | PIC18F66K90 | (ISP)         | (138)  |
| Microchip | PIC18F66K90 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F66K90 | [QFN64]       | (2259) |
| Microchip | PIC18F66K90 | [TQFP64]      | (691)  |
| Microchip | PIC18F6720  | (ISP)         | (138)  |
| Microchip | PIC18F6720  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6720  | [TQFP64]      | (104)  |
| Microchip | PIC18F6722  | (ISP)         | (138)  |
| Microchip | PIC18F6722  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6722  | [TQFP64]      | (104)  |
| Microchip | PIC18F6723  | (ISP)         | (138)  |
| Microchip | PIC18F6723  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F6723  | [TQFP64]      | (104)  |
| Microchip | PIC18F67J10 | (ISP)         | (138)  |
| Microchip | PIC18F67J10 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F67J10 | [TQFP64]      | (691)  |
| Microchip | PIC18F67J11 | (ISP)         | (138)  |
| Microchip | PIC18F67J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F67J11 | [TQFP64]      | (691)  |
| Microchip | PIC18F67J50 | (ISP)         | (138)  |
| Microchip | PIC18F67J50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F67J50 | [TQFP64]      | (691)  |
| Microchip | PIC18F67J60 | (ISP)         | (138)  |
| Microchip | PIC18F67J60 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F67J60 | [TQFP64]      | (691)  |
| Microchip | PIC18F67J90 | (ISP)         | (138)  |
| Microchip | PIC18F67J90 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F67J90 | [TQFP64]      | (691)  |
| Microchip | PIC18F67J93 | (ISP)         | (138)  |
| Microchip | PIC18F67J93 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F67J93 | [TQFP64]      | (691)  |
| Microchip | PIC18F67J94 | (ISP)         | (138)  |
| Microchip | PIC18F67J94 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F67J94 | [QFN64]       | (2259) |
| Microchip | PIC18F67J94 | [TQFP64]      | (691)  |
| Microchip | PIC18F67K22 | (ISP)         | (138)  |
| Microchip | PIC18F67K22 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F67K22 | [QFN64]       | (2259) |
| Microchip | PIC18F67K22 | [TQFP64]      | (691)  |
| Microchip | PIC18F67K40 | (ISP)         | (138)  |
| Microchip | PIC18F67K40 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F67K40 | [QFN64]       | (2259) |
| Microchip | PIC18F67K40 | [TQFP64]      | (691)  |
| Microchip | PIC18F67K90 | (ISP)         | (138)  |
| Microchip | PIC18F67K90 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F67K90 | [QFN64]       | (2259) |
| Microchip | PIC18F67K90 | [TQFP64]      | (691)  |
| Microchip | PIC18F8310  | (ISP)         | (138)  |
| Microchip | PIC18F8310  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F8310  | [TQFP80]      | (237)  |
| Microchip | PIC18F8390  | (ISP)         | (138)  |
| Microchip | PIC18F8390  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F8390  | [TQFP80]      | (237)  |
| Microchip | PIC18F8393  | (ISP)         | (138)  |
| Microchip | PIC18F8393  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F8393  | [TQFP80]      | (237)  |
| Microchip | PIC18F83J11 | (ISP)         | (138)  |
| Microchip | PIC18F83J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F83J11 | [TQFP80]      | (719)  |
| Microchip | PIC18F83J90 | (ISP)         | (138)  |
| Microchip | PIC18F83J90 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F83J90 | [TQFP80]      | (719)  |
| Microchip | PIC18F8410  | (ISP)         | (138)  |
| Microchip | PIC18F8410  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F8410  | [TQFP80]      | (237)  |
| Microchip | PIC18F8490  | (ISP)         | (138)  |
| Microchip | PIC18F8490  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F8490  | [TQFP80]      | (237)  |
| Microchip | PIC18F8493  | (ISP)         | (138)  |
| Microchip | PIC18F8493  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F8493  | [TQFP80]      | (237)  |
| Microchip | PIC18F84J11 | (ISP)         | (138)  |
| Microchip | PIC18F84J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F84J11 | [TQFP80]      | (719)  |
| Microchip | PIC18F84J90 | (ISP)         | (138)  |
| Microchip | PIC18F84J90 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18F84J90 | [TQFP80]      | (719)  |
| Microchip | PIC18F8520  | (ISP)         | (138)  |
| Microchip | PIC18F8520  | (ISP-ext.VDD) | (138)  |

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|           |              |                 |        |
|-----------|--------------|-----------------|--------|
| Microchip | PIC18F87J94  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18F87J94  | [TQFP80]        | (719)  |
| Microchip | PIC18F87K22  | (ISP)           | (138)  |
| Microchip | PIC18F87K22  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18F87K22  | [TQFP80]        | (719)  |
| Microchip | PIC18F87K90  | (ISP)           | (138)  |
| Microchip | PIC18F87K90  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18F87K90  | [TQFP80]        | (719)  |
| Microchip | PIC18F95J94  | (ISP)           | (138)  |
| Microchip | PIC18F95J94  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18F95J94  | [TQFP100 12x12] | (2983) |
| Microchip | PIC18F95J94  | [TQFP100 14x14] | (2984) |
| Microchip | PIC18F96J60  | (ISP)           | (138)  |
| Microchip | PIC18F96J60  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18F96J60  | [TQFP100 12x12] | (1551) |
| Microchip | PIC18F96J60  | [TQFP100 14x14] | (868)  |
| Microchip | PIC18F96J65  | (ISP)           | (138)  |
| Microchip | PIC18F96J65  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18F96J65  | [TQFP100 12x12] | (1551) |
| Microchip | PIC18F96J65  | [TQFP100 14x14] | (868)  |
| Microchip | PIC18F96J94  | (ISP)           | (138)  |
| Microchip | PIC18F96J94  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18F96J94  | [TQFP100 12x12] | (2983) |
| Microchip | PIC18F96J94  | [TQFP100 14x14] | (2984) |
| Microchip | PIC18F96J99  | (ISP)           | (138)  |
| Microchip | PIC18F96J99  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18F96J99  | [TQFP100 12x12] | (2983) |
| Microchip | PIC18F96J99  | [TQFP100 14x14] | (2984) |
| Microchip | PIC18F97J60  | (ISP)           | (138)  |
| Microchip | PIC18F97J60  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18F97J60  | [TQFP100 12x12] | (1551) |
| Microchip | PIC18F97J60  | [TQFP100 14x14] | (868)  |
| Microchip | PIC18F97J94  | (ISP)           | (138)  |
| Microchip | PIC18F97J94  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18F97J94  | [TQFP100 12x12] | (2983) |
| Microchip | PIC18F97J94  | [TQFP100 14x14] | (2984) |
| Microchip | PIC18LC242   |                 |        |
| Microchip | PIC18LC242   | (ISP)           | (138)  |
| Microchip | PIC18LC242   | [SOIC28]        | (51)   |
| Microchip | PIC18LC252   |                 |        |
| Microchip | PIC18LC252   | (ISP)           | (138)  |
| Microchip | PIC18LC252   | [SOIC28]        | (51)   |
| Microchip | PIC18LC442   |                 |        |
| Microchip | PIC18LC442   | (ISP)           | (138)  |
| Microchip | PIC18LC442   | [PLCC44]        | (67)   |
| Microchip | PIC18LC442   | [TQFP44]        | (94)   |
| Microchip | PIC18LC452   |                 |        |
| Microchip | PIC18LC452   | (ISP)           | (138)  |
| Microchip | PIC18LC452   | [PLCC44]        | (67)   |
| Microchip | PIC18LC452   | [TQFP44]        | (94)   |
| Microchip | PIC18LC658   | (ISP)           | (138)  |
| Microchip | PIC18LC658   | [PLCC68]        | (80)   |
| Microchip | PIC18LC658   | [TQFP64]        | (104)  |
| Microchip | PIC18LC858   | (ISP)           | (138)  |
| Microchip | PIC18LC858   | [PLCC84]        | (222)  |
| Microchip | PIC18LC858   | [TQFP80]        | (237)  |
| Microchip | PIC18LF1220  |                 |        |
| Microchip | PIC18LF1220  | (ISP)           | (138)  |
| Microchip | PIC18LF1220  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF1220  | [QFN28]         | (635)  |
| Microchip | PIC18LF1220  | [SOIC18]        | (1061) |
| Microchip | PIC18LF1220  | [SSOP20]        | (91)   |
| Microchip | PIC18LF1230  |                 |        |
| Microchip | PIC18LF1230  | (ISP)           | (138)  |
| Microchip | PIC18LF1230  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF1230  | [QFN28]         | (635)  |
| Microchip | PIC18LF1230  | [SOIC18]        | (1061) |
| Microchip | PIC18LF1230  | [SSOP20]        | (91)   |
| Microchip | PIC18LF1320  |                 |        |
| Microchip | PIC18LF1320  | (ISP)           | (138)  |
| Microchip | PIC18LF1320  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF1320  | [QFN28]         | (635)  |
| Microchip | PIC18LF1320  | [SOIC18]        | (1061) |
| Microchip | PIC18LF1320  | [SSOP20]        | (91)   |
| Microchip | PIC18LF1330  |                 |        |
| Microchip | PIC18LF1330  | (ISP)           | (138)  |
| Microchip | PIC18LF1330  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF1330  | [QFN28]         | (635)  |
| Microchip | PIC18LF1330  | [SOIC18]        | (1061) |
| Microchip | PIC18LF1330  | [SSOP20]        | (91)   |
| Microchip | PIC18LF13K22 |                 |        |
| Microchip | PIC18LF13K22 | (ISP)           | (138)  |
| Microchip | PIC18LF13K22 | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF13K22 | [QFN20]         | (575)  |
| Microchip | PIC18LF13K22 | [SOIC20]        | (119)  |
| Microchip | PIC18LF13K22 | [SSOP20]        | (91)   |
| Microchip | PIC18LF13K50 |                 |        |
| Microchip | PIC18LF13K50 | (ISP)           | (138)  |
| Microchip | PIC18LF13K50 | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF13K50 | [QFN20]         | (1398) |
| Microchip | PIC18LF13K50 | [SOIC20]        | (119)  |
| Microchip | PIC18LF13K50 | [SSOP20]        | (91)   |
| Microchip | PIC18LF14K22 |                 |        |
| Microchip | PIC18LF14K22 | (ISP)           | (138)  |
| Microchip | PIC18LF14K22 | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF14K22 | [QFN20]         | (575)  |
| Microchip | PIC18LF14K22 | [SOIC20]        | (119)  |
| Microchip | PIC18LF14K22 | [SSOP20]        | (91)   |
| Microchip | PIC18LF14K50 |                 |        |
| Microchip | PIC18LF14K50 | (ISP)           | (138)  |
| Microchip | PIC18LF14K50 | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF14K50 | [QFN20]         | (1398) |
| Microchip | PIC18LF14K50 | [SOIC20]        | (119)  |
| Microchip | PIC18LF14K50 | [SSOP20]        | (91)   |
| Microchip | PIC18LF2220  |                 |        |
| Microchip | PIC18LF2220  | (ISP)           | (138)  |
| Microchip | PIC18LF2220  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF2220  | [SOIC28]        | (51)   |
| Microchip | PIC18LF2221  |                 |        |
| Microchip | PIC18LF2221  | (ISP)           | (138)  |
| Microchip | PIC18LF2221  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF2221  | [QFN28]         | (635)  |
| Microchip | PIC18LF2221  | [SOIC28]        | (51)   |
| Microchip | PIC18LF2221  | [SSOP28]        | (1103) |
| Microchip | PIC18LF2320  |                 |        |
| Microchip | PIC18LF2320  | (ISP)           | (138)  |
| Microchip | PIC18LF2320  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF2320  | [SOIC28]        | (51)   |
| Microchip | PIC18LF2321  |                 |        |
| Microchip | PIC18LF2321  | (ISP)           | (138)  |
| Microchip | PIC18LF2321  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF2321  | [QFN28]         | (635)  |
| Microchip | PIC18LF2321  | [SOIC28]        | (51)   |
| Microchip | PIC18LF2321  | [SSOP28]        | (1103) |
| Microchip | PIC18LF2331  |                 |        |
| Microchip | PIC18LF2331  | (ISP)           | (138)  |
| Microchip | PIC18LF2331  | (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF2331  | [QFN28]         | (635)  |

|           |                            |        |
|-----------|----------------------------|--------|
| Microchip | PIC18LF2331 [SOIC28]       | (51)   |
| Microchip | PIC18LF23K22               | (138)  |
| Microchip | PIC18LF23K22 (ISP)         | (138)  |
| Microchip | PIC18LF23K22 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF23K22 [QFN28]       | (635)  |
| Microchip | PIC18LF23K22 [SOIC28]      | (51)   |
| Microchip | PIC18LF23K22 [SSOP28]      | (1103) |
| Microchip | PIC18LF23K22 [UQFN28]      | (1550) |
| Microchip | PIC18LF2410                | (138)  |
| Microchip | PIC18LF2410 (ISP)          | (138)  |
| Microchip | PIC18LF2410 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18LF2410 [QFN28]        | (635)  |
| Microchip | PIC18LF2410 [SOIC28]       | (51)   |
| Microchip | PIC18LF242                 | (138)  |
| Microchip | PIC18LF242 (ISP)           | (138)  |
| Microchip | PIC18LF242 (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF242 [SOIC28]        | (51)   |
| Microchip | PIC18LF2420                | (138)  |
| Microchip | PIC18LF2420 (ISP)          | (138)  |
| Microchip | PIC18LF2420 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18LF2420 [QFN28]        | (635)  |
| Microchip | PIC18LF2420 [SOIC28]       | (51)   |
| Microchip | PIC18LF2423                | (138)  |
| Microchip | PIC18LF2423 (ISP)          | (138)  |
| Microchip | PIC18LF2423 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18LF2423 [QFN28]        | (635)  |
| Microchip | PIC18LF2423 [SOIC28]       | (51)   |
| Microchip | PIC18LF2431                | (138)  |
| Microchip | PIC18LF2431 (ISP)          | (138)  |
| Microchip | PIC18LF2431 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18LF2431 [QFN28]        | (635)  |
| Microchip | PIC18LF2431 [SOIC28]       | (51)   |
| Microchip | PIC18LF2439                | (138)  |
| Microchip | PIC18LF2439 (ISP)          | (138)  |
| Microchip | PIC18LF2439 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18LF2439 [SOIC28]       | (51)   |
| Microchip | PIC18LF2450                | (138)  |
| Microchip | PIC18LF2450 (ISP)          | (138)  |
| Microchip | PIC18LF2450 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18LF2450 [QFN28]        | (635)  |
| Microchip | PIC18LF2450 [SOIC28]       | (51)   |
| Microchip | PIC18LF2455                | (138)  |
| Microchip | PIC18LF2455 (ISP)          | (138)  |
| Microchip | PIC18LF2455 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18LF2455 [SOIC28]       | (51)   |
| Microchip | PIC18LF2458                | (138)  |
| Microchip | PIC18LF2458 (ISP)          | (138)  |
| Microchip | PIC18LF2458 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18LF2458 [SOIC28]       | (51)   |
| Microchip | PIC18LF248                 | (138)  |
| Microchip | PIC18LF248 (ISP)           | (138)  |
| Microchip | PIC18LF248 (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF248 [SOIC28]        | (51)   |
| Microchip | PIC18LF2480                | (138)  |
| Microchip | PIC18LF2480 (ISP)          | (138)  |
| Microchip | PIC18LF2480 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18LF2480 [QFN28]        | (635)  |
| Microchip | PIC18LF2480 [SOIC28]       | (51)   |
| Microchip | PIC18LF24J10               | (138)  |
| Microchip | PIC18LF24J10 (ISP)         | (138)  |
| Microchip | PIC18LF24J10 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF24J10 [QFN28]       | (635)  |
| Microchip | PIC18LF24J10 [SOIC28]      | (51)   |
| Microchip | PIC18LF24J10 [SSOP28]      | (1103) |
| Microchip | PIC18LF24J11               | (138)  |
| Microchip | PIC18LF24J11 (ISP)         | (138)  |
| Microchip | PIC18LF24J11 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF24J11 [QFN28]       | (635)  |
| Microchip | PIC18LF24J11 [SOIC28]      | (51)   |
| Microchip | PIC18LF24J11 [SSOP28]      | (1103) |
| Microchip | PIC18LF24J50               | (138)  |
| Microchip | PIC18LF24J50 (ISP)         | (138)  |
| Microchip | PIC18LF24J50 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF24J50 [QFN28]       | (635)  |
| Microchip | PIC18LF24J50 [SOIC28]      | (51)   |
| Microchip | PIC18LF24J50 [SSOP28]      | (1103) |
| Microchip | PIC18LF24K22               | (138)  |
| Microchip | PIC18LF24K22 (ISP)         | (138)  |
| Microchip | PIC18LF24K22 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF24K22 [QFN28]       | (635)  |
| Microchip | PIC18LF24K22 [SOIC28]      | (51)   |
| Microchip | PIC18LF24K22 [SSOP28]      | (1103) |
| Microchip | PIC18LF24K22 [UQFN28]      | (1550) |
| Microchip | PIC18LF24K40               | (138)  |
| Microchip | PIC18LF24K40 (ISP)         | (138)  |
| Microchip | PIC18LF24K40 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF24K40 [QFN28]       | (635)  |
| Microchip | PIC18LF24K40 [SOIC28]      | (51)   |
| Microchip | PIC18LF24K40 [SSOP28]      | (1103) |
| Microchip | PIC18LF24K40 [UQFN28]      | (1550) |
| Microchip | PIC18LF24K42               | (138)  |
| Microchip | PIC18LF24K42 (ISP)         | (138)  |
| Microchip | PIC18LF24K42 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF24K42 [QFN28]       | (635)  |
| Microchip | PIC18LF24K42 [SOIC28]      | (51)   |
| Microchip | PIC18LF24K42 [SSOP28]      | (1103) |
| Microchip | PIC18LF24K42 [UQFN28]      | (1550) |
| Microchip | PIC18LF24K50               | (138)  |
| Microchip | PIC18LF24K50 (ISP)         | (138)  |
| Microchip | PIC18LF24K50 (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF24K50 [QFN28]       | (635)  |
| Microchip | PIC18LF24K50 [SOIC28]      | (51)   |
| Microchip | PIC18LF24K50 [SSOP28]      | (1103) |
| Microchip | PIC18LF2510                | (138)  |
| Microchip | PIC18LF2510 (ISP)          | (138)  |
| Microchip | PIC18LF2510 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18LF2510 [QFN28]        | (635)  |
| Microchip | PIC18LF2510 [SOIC28]       | (51)   |
| Microchip | PIC18LF2515                | (138)  |
| Microchip | PIC18LF2515 (ISP)          | (138)  |
| Microchip | PIC18LF2515 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18LF2515 [SOIC28]       | (51)   |
| Microchip | PIC18LF252                 | (138)  |
| Microchip | PIC18LF252 (ISP)           | (138)  |
| Microchip | PIC18LF252 (ISP-ext.VDD)   | (138)  |
| Microchip | PIC18LF252 [SOIC28]        | (51)   |
| Microchip | PIC18LF2520                | (138)  |
| Microchip | PIC18LF2520 (ISP)          | (138)  |
| Microchip | PIC18LF2520 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18LF2520 [QFN28]        | (635)  |
| Microchip | PIC18LF2520 [SOIC28]       | (51)   |
| Microchip | PIC18LF2523                | (138)  |
| Microchip | PIC18LF2523 (ISP)          | (138)  |
| Microchip | PIC18LF2523 (ISP-ext.VDD)  | (138)  |
| Microchip | PIC18LF2523 [QFN28]        | (635)  |
| Microchip | PIC18LF2523 [SOIC28]       | (51)   |
| Microchip | PIC18LF2525                | (138)  |
| Microchip | PIC18LF2525 (ISP)          | (138)  |

|           |              |               |        |
|-----------|--------------|---------------|--------|
| Microchip | PIC18LF2525  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF2525  | [SOIC28]      | (51)   |
| Microchip | PIC18LF2539  |               |        |
| Microchip | PIC18LF2539  | (ISP)         | (138)  |
| Microchip | PIC18LF2539  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF2539  | [SOIC28]      | (51)   |
| Microchip | PIC18LF2550  |               |        |
| Microchip | PIC18LF2550  | (ISP)         | (138)  |
| Microchip | PIC18LF2550  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF2550  | [SOIC28]      | (51)   |
| Microchip | PIC18LF2553  |               |        |
| Microchip | PIC18LF2553  | (ISP)         | (138)  |
| Microchip | PIC18LF2553  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF2553  | [SOIC28]      | (51)   |
| Microchip | PIC18LF258   |               |        |
| Microchip | PIC18LF258   | (ISP)         | (138)  |
| Microchip | PIC18LF258   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF258   | [SOIC28]      | (51)   |
| Microchip | PIC18LF2580  |               |        |
| Microchip | PIC18LF2580  | (ISP)         | (138)  |
| Microchip | PIC18LF2580  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF2580  | [QFN28]       | (635)  |
| Microchip | PIC18LF2580  | [SOIC28]      | (51)   |
| Microchip | PIC18LF2585  |               |        |
| Microchip | PIC18LF2585  | (ISP)         | (138)  |
| Microchip | PIC18LF2585  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF2585  | [SOIC28]      | (51)   |
| Microchip | PIC18LF25J10 |               |        |
| Microchip | PIC18LF25J10 | (ISP)         | (138)  |
| Microchip | PIC18LF25J10 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF25J10 | [QFN28]       | (635)  |
| Microchip | PIC18LF25J10 | [SOIC28]      | (51)   |
| Microchip | PIC18LF25J10 | [SSOP28]      | (1103) |
| Microchip | PIC18LF25J11 |               |        |
| Microchip | PIC18LF25J11 | (ISP)         | (138)  |
| Microchip | PIC18LF25J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF25J11 | [QFN28]       | (635)  |
| Microchip | PIC18LF25J11 | [SOIC28]      | (51)   |
| Microchip | PIC18LF25J11 | [SSOP28]      | (1103) |
| Microchip | PIC18LF25J50 |               |        |
| Microchip | PIC18LF25J50 | (ISP)         | (138)  |
| Microchip | PIC18LF25J50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF25J50 | [QFN28]       | (635)  |
| Microchip | PIC18LF25J50 | [SOIC28]      | (51)   |
| Microchip | PIC18LF25J50 | [SSOP28]      | (1103) |
| Microchip | PIC18LF25K22 |               |        |
| Microchip | PIC18LF25K22 | (ISP)         | (138)  |
| Microchip | PIC18LF25K22 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF25K22 | [QFN28]       | (635)  |
| Microchip | PIC18LF25K22 | [SOIC28]      | (51)   |
| Microchip | PIC18LF25K22 | [SSOP28]      | (1103) |
| Microchip | PIC18LF25K40 |               |        |
| Microchip | PIC18LF25K40 | (ISP)         | (138)  |
| Microchip | PIC18LF25K40 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF25K40 | [QFN28]       | (635)  |
| Microchip | PIC18LF25K40 | [SOIC28]      | (51)   |
| Microchip | PIC18LF25K40 | [SSOP28]      | (1103) |
| Microchip | PIC18LF25K40 | [UQFN28]      | (1550) |
| Microchip | PIC18LF25K42 |               |        |
| Microchip | PIC18LF25K42 | (ISP)         | (138)  |
| Microchip | PIC18LF25K42 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF25K42 | [QFN28]       | (635)  |
| Microchip | PIC18LF25K42 | [SOIC28]      | (51)   |
| Microchip | PIC18LF25K42 | [SSOP28]      | (1103) |
| Microchip | PIC18LF25K42 | [UQFN28]      | (1550) |
| Microchip | PIC18LF25K50 |               |        |
| Microchip | PIC18LF25K50 | (ISP)         | (138)  |
| Microchip | PIC18LF25K50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF25K50 | [QFN28]       | (635)  |
| Microchip | PIC18LF25K50 | [SOIC28]      | (51)   |
| Microchip | PIC18LF25K50 | [SSOP28]      | (1103) |
| Microchip | PIC18LF25K80 |               |        |
| Microchip | PIC18LF25K80 | (ISP)         | (138)  |
| Microchip | PIC18LF25K80 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF25K80 | [QFN28]       | (635)  |
| Microchip | PIC18LF25K80 | [SOIC28]      | (51)   |
| Microchip | PIC18LF25K80 | [SSOP28]      | (1103) |
| Microchip | PIC18LF25K83 |               |        |
| Microchip | PIC18LF25K83 | (ISP)         | (138)  |
| Microchip | PIC18LF25K83 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF25K83 | [QFN28]       | (635)  |
| Microchip | PIC18LF25K83 | [SOIC28]      | (51)   |
| Microchip | PIC18LF25K83 | [SSOP28]      | (1103) |
| Microchip | PIC18LF25K83 | [UQFN28]      | (4642) |
| Microchip | PIC18LF2610  |               |        |
| Microchip | PIC18LF2610  | (ISP)         | (138)  |
| Microchip | PIC18LF2610  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF2610  | [SOIC28]      | (51)   |
| Microchip | PIC18LF2620  |               |        |
| Microchip | PIC18LF2620  | (ISP)         | (138)  |
| Microchip | PIC18LF2620  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF2620  | [SOIC28]      | (51)   |
| Microchip | PIC18LF2680  |               |        |
| Microchip | PIC18LF2680  | (ISP)         | (138)  |
| Microchip | PIC18LF2680  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF2680  | [SOIC28]      | (51)   |
| Microchip | PIC18LF2682  |               |        |
| Microchip | PIC18LF2682  | (ISP)         | (138)  |
| Microchip | PIC18LF2682  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF2682  | [QFN28]       | (635)  |
| Microchip | PIC18LF2682  | [SOIC28]      | (51)   |
| Microchip | PIC18LF2685  |               |        |
| Microchip | PIC18LF2685  | (ISP)         | (138)  |
| Microchip | PIC18LF2685  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF2685  | [QFN28]       | (635)  |
| Microchip | PIC18LF2685  | [SOIC28]      | (51)   |
| Microchip | PIC18LF26J11 |               |        |
| Microchip | PIC18LF26J11 | (ISP)         | (138)  |
| Microchip | PIC18LF26J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF26J11 | [QFN28]       | (635)  |
| Microchip | PIC18LF26J11 | [SOIC28]      | (51)   |
| Microchip | PIC18LF26J11 | [SSOP28]      | (1103) |
| Microchip | PIC18LF26J13 |               |        |
| Microchip | PIC18LF26J13 | (ISP)         | (138)  |
| Microchip | PIC18LF26J13 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF26J13 | [QFN28]       | (635)  |
| Microchip | PIC18LF26J13 | [SOIC28]      | (51)   |
| Microchip | PIC18LF26J13 | [SSOP28]      | (1103) |
| Microchip | PIC18LF26J50 |               |        |
| Microchip | PIC18LF26J50 | (ISP)         | (138)  |
| Microchip | PIC18LF26J50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF26J50 | [QFN28]       | (635)  |
| Microchip | PIC18LF26J50 | [SOIC28]      | (51)   |
| Microchip | PIC18LF26J50 | [SSOP28]      | (1103) |
| Microchip | PIC18LF26J53 |               |        |
| Microchip | PIC18LF26J53 | (ISP)         | (138)  |
| Microchip | PIC18LF26J53 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF26J53 | [QFN28]       | (635)  |

|           |              |               |        |
|-----------|--------------|---------------|--------|
| Microchip | PIC18LF26J53 | [SOIC28]      | (51)   |
| Microchip | PIC18LF26J53 | [SSOP28]      | (1103) |
| Microchip | PIC18LF26K22 |               |        |
| Microchip | PIC18LF26K22 | (ISP)         | (138)  |
| Microchip | PIC18LF26K22 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF26K22 | [QFN28]       | (635)  |
| Microchip | PIC18LF26K22 | [SOIC28]      | (51)   |
| Microchip | PIC18LF26K22 | [SSOP28]      | (1103) |
| Microchip | PIC18LF26K40 |               |        |
| Microchip | PIC18LF26K40 | (ISP)         | (138)  |
| Microchip | PIC18LF26K40 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF26K40 | [QFN28]       | (635)  |
| Microchip | PIC18LF26K40 | [SOIC28]      | (51)   |
| Microchip | PIC18LF26K40 | [SSOP28]      | (1103) |
| Microchip | PIC18LF26K40 | [UQFN28]      | (1550) |
| Microchip | PIC18LF26K42 |               |        |
| Microchip | PIC18LF26K42 | (ISP)         | (138)  |
| Microchip | PIC18LF26K42 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF26K42 | [QFN28]       | (635)  |
| Microchip | PIC18LF26K42 | [SOIC28]      | (51)   |
| Microchip | PIC18LF26K42 | [SSOP28]      | (1103) |
| Microchip | PIC18LF26K42 | [UQFN28]      | (1550) |
| Microchip | PIC18LF26K50 |               |        |
| Microchip | PIC18LF26K50 | (ISP)         | (138)  |
| Microchip | PIC18LF26K50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF26K50 | [QFN28]       | (635)  |
| Microchip | PIC18LF26K50 | [SOIC28]      | (51)   |
| Microchip | PIC18LF26K50 | [SSOP28]      | (1103) |
| Microchip | PIC18LF26K80 |               |        |
| Microchip | PIC18LF26K80 | (ISP)         | (138)  |
| Microchip | PIC18LF26K80 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF26K80 | [QFN28]       | (635)  |
| Microchip | PIC18LF26K80 | [SOIC28]      | (51)   |
| Microchip | PIC18LF26K80 | [SSOP28]      | (1103) |
| Microchip | PIC18LF26K83 |               |        |
| Microchip | PIC18LF26K83 | (ISP)         | (138)  |
| Microchip | PIC18LF26K83 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF26K83 | [QFN28]       | (635)  |
| Microchip | PIC18LF26K83 | [SOIC28]      | (51)   |
| Microchip | PIC18LF26K83 | [SSOP28]      | (1103) |
| Microchip | PIC18LF26K83 | [UQFN28]      | (4642) |
| Microchip | PIC18LF27J13 |               |        |
| Microchip | PIC18LF27J13 | (ISP)         | (138)  |
| Microchip | PIC18LF27J13 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF27J13 | [QFN28]       | (635)  |
| Microchip | PIC18LF27J13 | [SOIC28]      | (51)   |
| Microchip | PIC18LF27J13 | [SSOP28]      | (1103) |
| Microchip | PIC18LF27J53 |               |        |
| Microchip | PIC18LF27J53 | (ISP)         | (138)  |
| Microchip | PIC18LF27J53 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF27J53 | [QFN28]       | (635)  |
| Microchip | PIC18LF27J53 | [SOIC28]      | (51)   |
| Microchip | PIC18LF27J53 | [SSOP28]      | (1103) |
| Microchip | PIC18LF27K40 |               |        |
| Microchip | PIC18LF27K40 | (ISP)         | (138)  |
| Microchip | PIC18LF27K40 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF27K40 | [QFN28]       | (635)  |
| Microchip | PIC18LF27K40 | [SOIC28]      | (51)   |
| Microchip | PIC18LF27K40 | [SSOP28]      | (1103) |
| Microchip | PIC18LF27K40 | [UQFN28]      | (1550) |
| Microchip | PIC18LF27K42 |               |        |
| Microchip | PIC18LF27K42 | (ISP)         | (138)  |
| Microchip | PIC18LF27K42 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF27K42 | [QFN28]       | (635)  |
| Microchip | PIC18LF27K42 | [SOIC28]      | (51)   |
| Microchip | PIC18LF27K42 | [SSOP28]      | (1103) |
| Microchip | PIC18LF27K42 | [UQFN28]      | (1550) |
| Microchip | PIC18LF4220  |               |        |
| Microchip | PIC18LF4220  | (ISP)         | (138)  |
| Microchip | PIC18LF4220  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4220  | [QFN44]       | (646)  |
| Microchip | PIC18LF4220  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4221  |               |        |
| Microchip | PIC18LF4221  | (ISP)         | (138)  |
| Microchip | PIC18LF4221  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4221  | [QFN44]       | (646)  |
| Microchip | PIC18LF4221  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4320  |               |        |
| Microchip | PIC18LF4320  | (ISP)         | (138)  |
| Microchip | PIC18LF4320  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4320  | [QFN44]       | (646)  |
| Microchip | PIC18LF4320  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4321  |               |        |
| Microchip | PIC18LF4321  | (ISP)         | (138)  |
| Microchip | PIC18LF4321  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4321  | [QFN44]       | (646)  |
| Microchip | PIC18LF4321  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4331  |               |        |
| Microchip | PIC18LF4331  | (ISP)         | (138)  |
| Microchip | PIC18LF4331  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4331  | [QFN44]       | (646)  |
| Microchip | PIC18LF4331  | [TQFP44]      | (94)   |
| Microchip | PIC18LF43K22 |               |        |
| Microchip | PIC18LF43K22 | (ISP)         | (138)  |
| Microchip | PIC18LF43K22 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF43K22 | [QFN44]       | (646)  |
| Microchip | PIC18LF43K22 | [TQFP44]      | (94)   |
| Microchip | PIC18LF43K22 | [UQFN40]      | (2263) |
| Microchip | PIC18LF4410  |               |        |
| Microchip | PIC18LF4410  | (ISP)         | (138)  |
| Microchip | PIC18LF4410  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4410  | [QFN44]       | (646)  |
| Microchip | PIC18LF4410  | [TQFP44]      | (94)   |
| Microchip | PIC18LF442   |               |        |
| Microchip | PIC18LF442   | (ISP)         | (138)  |
| Microchip | PIC18LF442   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF442   | [PLCC44]      | (67)   |
| Microchip | PIC18LF442   | [QFN44]       | (646)  |
| Microchip | PIC18LF442   | [TQFP44]      | (94)   |
| Microchip | PIC18LF4420  |               |        |
| Microchip | PIC18LF4420  | (ISP)         | (138)  |
| Microchip | PIC18LF4420  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4420  | [QFN44]       | (646)  |
| Microchip | PIC18LF4420  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4423  |               |        |
| Microchip | PIC18LF4423  | (ISP)         | (138)  |
| Microchip | PIC18LF4423  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4423  | [QFN44]       | (646)  |
| Microchip | PIC18LF4423  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4431  |               |        |
| Microchip | PIC18LF4431  | (ISP)         | (138)  |
| Microchip | PIC18LF4431  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4431  | [QFN44]       | (646)  |
| Microchip | PIC18LF4431  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4439  |               |        |
| Microchip | PIC18LF4439  | (ISP)         | (138)  |
| Microchip | PIC18LF4439  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4439  | [PLCC44]      | (67)   |

|           |              |               |        |
|-----------|--------------|---------------|--------|
| Microchip | PIC18LF4439  | [QFN44]       | (646)  |
| Microchip | PIC18LF4439  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4450  |               |        |
| Microchip | PIC18LF4450  | (ISP)         | (138)  |
| Microchip | PIC18LF4450  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4450  | [QFN44]       | (646)  |
| Microchip | PIC18LF4450  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4455  |               |        |
| Microchip | PIC18LF4455  | (ISP)         | (138)  |
| Microchip | PIC18LF4455  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4455  | [QFN44]       | (646)  |
| Microchip | PIC18LF4455  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4458  |               |        |
| Microchip | PIC18LF4458  | (ISP)         | (138)  |
| Microchip | PIC18LF4458  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4458  | [QFN44]       | (646)  |
| Microchip | PIC18LF4458  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4448  |               |        |
| Microchip | PIC18LF4448  | (ISP)         | (138)  |
| Microchip | PIC18LF4448  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4448  | [PLCC44]      | (67)   |
| Microchip | PIC18LF4448  | [QFN44]       | (646)  |
| Microchip | PIC18LF4448  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4480  |               |        |
| Microchip | PIC18LF4480  | (ISP)         | (138)  |
| Microchip | PIC18LF4480  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4480  | [QFN44]       | (646)  |
| Microchip | PIC18LF4480  | [TQFP44]      | (94)   |
| Microchip | PIC18LF44J10 |               |        |
| Microchip | PIC18LF44J10 | (ISP)         | (138)  |
| Microchip | PIC18LF44J10 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF44J10 | [QFN44]       | (646)  |
| Microchip | PIC18LF44J10 | [TQFP44]      | (223)  |
| Microchip | PIC18LF44J11 | (ISP)         | (138)  |
| Microchip | PIC18LF44J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF44J11 | [QFN44]       | (646)  |
| Microchip | PIC18LF44J11 | [TQFP44]      | (223)  |
| Microchip | PIC18LF44J50 | (ISP)         | (138)  |
| Microchip | PIC18LF44J50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF44J50 | [QFN44]       | (646)  |
| Microchip | PIC18LF44J50 | [TQFP44]      | (223)  |
| Microchip | PIC18LF44K22 |               |        |
| Microchip | PIC18LF44K22 | (ISP)         | (138)  |
| Microchip | PIC18LF44K22 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF44K22 | [QFN44]       | (646)  |
| Microchip | PIC18LF44K22 | [TQFP44]      | (94)   |
| Microchip | PIC18LF44K22 | [UQFN40]      | (2263) |
| Microchip | PIC18LF4510  |               |        |
| Microchip | PIC18LF4510  | (ISP)         | (138)  |
| Microchip | PIC18LF4510  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4510  | [QFN44]       | (646)  |
| Microchip | PIC18LF4510  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4515  |               |        |
| Microchip | PIC18LF4515  | (ISP)         | (138)  |
| Microchip | PIC18LF4515  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4515  | [QFN44]       | (646)  |
| Microchip | PIC18LF4515  | [TQFP44]      | (94)   |
| Microchip | PIC18LF452   |               |        |
| Microchip | PIC18LF452   | (ISP)         | (138)  |
| Microchip | PIC18LF452   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF452   | [PLCC44]      | (67)   |
| Microchip | PIC18LF452   | [QFN44]       | (646)  |
| Microchip | PIC18LF452   | [TQFP44]      | (94)   |
| Microchip | PIC18LF4520  |               |        |
| Microchip | PIC18LF4520  | (ISP)         | (138)  |
| Microchip | PIC18LF4520  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4520  | [QFN44]       | (646)  |
| Microchip | PIC18LF4520  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4523  |               |        |
| Microchip | PIC18LF4523  | (ISP)         | (138)  |
| Microchip | PIC18LF4523  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4523  | [QFN44]       | (646)  |
| Microchip | PIC18LF4523  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4525  |               |        |
| Microchip | PIC18LF4525  | (ISP)         | (138)  |
| Microchip | PIC18LF4525  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4525  | [QFN44]       | (646)  |
| Microchip | PIC18LF4525  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4539  |               |        |
| Microchip | PIC18LF4539  | (ISP)         | (138)  |
| Microchip | PIC18LF4539  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4539  | [PLCC44]      | (67)   |
| Microchip | PIC18LF4539  | [QFN44]       | (646)  |
| Microchip | PIC18LF4539  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4550  |               |        |
| Microchip | PIC18LF4550  | (ISP)         | (138)  |
| Microchip | PIC18LF4550  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4550  | [QFN44]       | (646)  |
| Microchip | PIC18LF4550  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4553  |               |        |
| Microchip | PIC18LF4553  | (ISP)         | (138)  |
| Microchip | PIC18LF4553  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4553  | [QFN44]       | (646)  |
| Microchip | PIC18LF4553  | [TQFP44]      | (94)   |
| Microchip | PIC18LF458   |               |        |
| Microchip | PIC18LF458   | (ISP)         | (138)  |
| Microchip | PIC18LF458   | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF458   | [PLCC44]      | (67)   |
| Microchip | PIC18LF458   | [QFN44]       | (646)  |
| Microchip | PIC18LF458   | [TQFP44]      | (94)   |
| Microchip | PIC18LF4580  |               |        |
| Microchip | PIC18LF4580  | (ISP)         | (138)  |
| Microchip | PIC18LF4580  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4580  | [QFN44]       | (646)  |
| Microchip | PIC18LF4580  | [TQFP44]      | (94)   |
| Microchip | PIC18LF4585  |               |        |
| Microchip | PIC18LF4585  | (ISP)         | (138)  |
| Microchip | PIC18LF4585  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF4585  | [QFN44]       | (646)  |
| Microchip | PIC18LF4585  | [TQFP44]      | (94)   |
| Microchip | PIC18LF45J10 |               |        |
| Microchip | PIC18LF45J10 | (ISP)         | (138)  |
| Microchip | PIC18LF45J10 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF45J10 | [QFN44]       | (646)  |
| Microchip | PIC18LF45J10 | [TQFP44]      | (223)  |
| Microchip | PIC18LF45J11 | (ISP)         | (138)  |
| Microchip | PIC18LF45J11 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF45J11 | [QFN44]       | (646)  |
| Microchip | PIC18LF45J11 | [TQFP44]      | (223)  |
| Microchip | PIC18LF45J50 | (ISP)         | (138)  |
| Microchip | PIC18LF45J50 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF45J50 | [QFN44]       | (646)  |
| Microchip | PIC18LF45J50 | [TQFP44]      | (223)  |
| Microchip | PIC18LF45K22 |               |        |
| Microchip | PIC18LF45K22 | (ISP)         | (138)  |
| Microchip | PIC18LF45K22 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF45K22 | [QFN44]       | (646)  |
| Microchip | PIC18LF45K22 | [TQFP44]      | (94)   |



|           |              |                |        |
|-----------|--------------|----------------|--------|
| Microchip | PIC18LF45K22 | [UQFN40]       | (2263) |
| Microchip | PIC18LF45K40 |                |        |
| Microchip | PIC18LF45K40 | (ISP)          | (138)  |
| Microchip | PIC18LF45K40 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF45K40 | [QFN44]        | (646)  |
| Microchip | PIC18LF45K40 | [TQFP44]       | (94)   |
| Microchip | PIC18LF45K40 | [UQFN40]       | (2263) |
| Microchip | PIC18LF45K42 |                |        |
| Microchip | PIC18LF45K42 | (ISP)          | (138)  |
| Microchip | PIC18LF45K42 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF45K42 | [QFN44]        | (646)  |
| Microchip | PIC18LF45K42 | [TQFP44]       | (94)   |
| Microchip | PIC18LF45K42 | [UQFN40]       | (2263) |
| Microchip | PIC18LF45K50 |                |        |
| Microchip | PIC18LF45K50 | (ISP)          | (138)  |
| Microchip | PIC18LF45K50 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF45K50 | [TQFP44]       | (94)   |
| Microchip | PIC18LF45K50 | [UQFN40]       | (2263) |
| Microchip | PIC18LF45K80 |                |        |
| Microchip | PIC18LF45K80 | (ISP)          | (138)  |
| Microchip | PIC18LF45K80 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF45K80 | [QFN44]        | (646)  |
| Microchip | PIC18LF45K80 | [TQFP44]       | (94)   |
| Microchip | PIC18LF4610  |                |        |
| Microchip | PIC18LF4610  | (ISP)          | (138)  |
| Microchip | PIC18LF4610  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF4610  | [QFN44]        | (646)  |
| Microchip | PIC18LF4610  | [TQFP44]       | (94)   |
| Microchip | PIC18LF4620  |                |        |
| Microchip | PIC18LF4620  | (ISP)          | (138)  |
| Microchip | PIC18LF4620  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF4620  | [QFN44]        | (646)  |
| Microchip | PIC18LF4620  | [TQFP44]       | (94)   |
| Microchip | PIC18LF4680  |                |        |
| Microchip | PIC18LF4680  | (ISP)          | (138)  |
| Microchip | PIC18LF4680  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF4680  | [QFN44]        | (646)  |
| Microchip | PIC18LF4680  | [TQFP44]       | (94)   |
| Microchip | PIC18LF4682  |                |        |
| Microchip | PIC18LF4682  | (ISP)          | (138)  |
| Microchip | PIC18LF4682  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF4682  | [QFN44]        | (646)  |
| Microchip | PIC18LF4682  | [TQFP44]       | (94)   |
| Microchip | PIC18LF4685  |                |        |
| Microchip | PIC18LF4685  | (ISP)          | (138)  |
| Microchip | PIC18LF4685  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF4685  | [QFN44]        | (646)  |
| Microchip | PIC18LF4685  | [TQFP44]       | (94)   |
| Microchip | PIC18LF46J11 | (ISP)          | (138)  |
| Microchip | PIC18LF46J11 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF46J11 | [QFN44]        | (646)  |
| Microchip | PIC18LF46J11 | [TQFP44]       | (223)  |
| Microchip | PIC18LF46J13 | (ISP)          | (138)  |
| Microchip | PIC18LF46J13 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF46J13 | [QFN44]        | (646)  |
| Microchip | PIC18LF46J13 | [TQFP44]       | (223)  |
| Microchip | PIC18LF46J50 | (ISP)          | (138)  |
| Microchip | PIC18LF46J50 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF46J50 | [QFN44]        | (646)  |
| Microchip | PIC18LF46J50 | [TQFP44]       | (223)  |
| Microchip | PIC18LF46J53 | (ISP)          | (138)  |
| Microchip | PIC18LF46J53 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF46J53 | [QFN44]        | (646)  |
| Microchip | PIC18LF46J53 | [TQFP44]       | (223)  |
| Microchip | PIC18LF46K22 |                |        |
| Microchip | PIC18LF46K22 | (ISP)          | (138)  |
| Microchip | PIC18LF46K22 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF46K22 | [QFN44]        | (646)  |
| Microchip | PIC18LF46K22 | [TQFP44]       | (94)   |
| Microchip | PIC18LF46K22 | [UQFN40]       | (2263) |
| Microchip | PIC18LF46K40 |                |        |
| Microchip | PIC18LF46K40 | (ISP)          | (138)  |
| Microchip | PIC18LF46K40 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF46K40 | [QFN44]        | (646)  |
| Microchip | PIC18LF46K40 | [TQFP44]       | (94)   |
| Microchip | PIC18LF46K40 | [UQFN40]       | (2263) |
| Microchip | PIC18LF46K42 |                |        |
| Microchip | PIC18LF46K42 | (ISP)          | (138)  |
| Microchip | PIC18LF46K42 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF46K42 | [QFN44]        | (646)  |
| Microchip | PIC18LF46K42 | [TQFP44]       | (94)   |
| Microchip | PIC18LF46K42 | [UQFN40]       | (2263) |
| Microchip | PIC18LF46K50 |                |        |
| Microchip | PIC18LF46K50 | (ISP)          | (138)  |
| Microchip | PIC18LF46K50 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF46K50 | [TQFP44]       | (94)   |
| Microchip | PIC18LF46K50 | [UQFN40]       | (2263) |
| Microchip | PIC18LF46K80 |                |        |
| Microchip | PIC18LF46K80 | (ISP)          | (138)  |
| Microchip | PIC18LF46K80 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF46K80 | [QFN44]        | (646)  |
| Microchip | PIC18LF46K80 | [TQFP44]       | (94)   |
| Microchip | PIC18LF47J13 | (ISP)          | (138)  |
| Microchip | PIC18LF47J13 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF47J13 | [QFN44]        | (646)  |
| Microchip | PIC18LF47J13 | [TQFP44]       | (223)  |
| Microchip | PIC18LF47J53 | (ISP)          | (138)  |
| Microchip | PIC18LF47J53 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF47J53 | [QFN44]        | (646)  |
| Microchip | PIC18LF47J53 | [TQFP44]       | (223)  |
| Microchip | PIC18LF47K40 |                |        |
| Microchip | PIC18LF47K40 | (ISP)          | (138)  |
| Microchip | PIC18LF47K40 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF47K40 | [QFN44]        | (646)  |
| Microchip | PIC18LF47K40 | [TQFP44]       | (94)   |
| Microchip | PIC18LF47K40 | [UQFN40]       | (2263) |
| Microchip | PIC18LF47K42 |                |        |
| Microchip | PIC18LF47K42 | (ISP)          | (138)  |
| Microchip | PIC18LF47K42 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF47K42 | [QFN44]        | (646)  |
| Microchip | PIC18LF47K42 | [TQFP44]       | (94)   |
| Microchip | PIC18LF47K42 | [UQFN40]       | (2263) |
| Microchip | PIC18LF55K42 | (ISP)          | (138)  |
| Microchip | PIC18LF55K42 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF55K42 | [TQFP48]       | (174)  |
| Microchip | PIC18LF55K42 | [UQFN48]       | (2312) |
| Microchip | PIC18LF56K42 | (ISP)          | (138)  |
| Microchip | PIC18LF56K42 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF56K42 | [TQFP48]       | (174)  |
| Microchip | PIC18LF56K42 | [UQFN48]       | (2312) |
| Microchip | PIC18LF57K42 | (ISP)          | (138)  |
| Microchip | PIC18LF57K42 | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF57K42 | [TQFP48]       | (174)  |
| Microchip | PIC18LF57K42 | [UQFN48]       | (2312) |
| Microchip | PIC18LF6310  | (ISP)          | (138)  |
| Microchip | PIC18LF6310  | (ISP-ext. VDD) | (138)  |
| Microchip | PIC18LF6310  | [TQFP64]       | (104)  |
| Microchip | PIC18LF6390  | (ISP)          | (138)  |

|           |              |               |        |
|-----------|--------------|---------------|--------|
| Microchip | PIC18LF6390  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6390  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6393  | (ISP)         | (138)  |
| Microchip | PIC18LF6393  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6393  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6410  | (ISP)         | (138)  |
| Microchip | PIC18LF6410  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6410  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6490  | (ISP)         | (138)  |
| Microchip | PIC18LF6490  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6490  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6493  | (ISP)         | (138)  |
| Microchip | PIC18LF6493  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6493  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6520  | (ISP)         | (138)  |
| Microchip | PIC18LF6520  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6520  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6525  | (ISP)         | (138)  |
| Microchip | PIC18LF6525  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6525  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6527  | (ISP)         | (138)  |
| Microchip | PIC18LF6527  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6527  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6585  | (ISP)         | (138)  |
| Microchip | PIC18LF6585  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6585  | [PLCC68]      | (80)   |
| Microchip | PIC18LF6585  | [TQFP64]      | (104)  |
| Microchip | PIC18LF65K40 | (ISP)         | (138)  |
| Microchip | PIC18LF65K40 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF65K40 | [QFN64]       | (2259) |
| Microchip | PIC18LF65K40 | [TQFP64]      | (691)  |
| Microchip | PIC18LF65K80 | (ISP)         | (138)  |
| Microchip | PIC18LF65K80 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF65K80 | [QFN64]       | (2416) |
| Microchip | PIC18LF65K80 | [TQFP64]      | (2415) |
| Microchip | PIC18LF6620  | (ISP)         | (138)  |
| Microchip | PIC18LF6620  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6620  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6621  | (ISP)         | (138)  |
| Microchip | PIC18LF6621  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6621  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6622  | (ISP)         | (138)  |
| Microchip | PIC18LF6622  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6622  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6627  | (ISP)         | (138)  |
| Microchip | PIC18LF6627  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6627  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6628  | (ISP)         | (138)  |
| Microchip | PIC18LF6628  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6628  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6680  | (ISP)         | (138)  |
| Microchip | PIC18LF6680  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6680  | [PLCC68]      | (80)   |
| Microchip | PIC18LF6680  | [TQFP64]      | (104)  |
| Microchip | PIC18LF66K40 | (ISP)         | (138)  |
| Microchip | PIC18LF66K40 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF66K40 | [QFN64]       | (2259) |
| Microchip | PIC18LF66K40 | [TQFP64]      | (691)  |
| Microchip | PIC18LF66K80 | (ISP)         | (138)  |
| Microchip | PIC18LF66K80 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF66K80 | [QFN64]       | (2416) |
| Microchip | PIC18LF66K80 | [TQFP64]      | (2415) |
| Microchip | PIC18LF6720  | (ISP)         | (138)  |
| Microchip | PIC18LF6720  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6720  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6722  | (ISP)         | (138)  |
| Microchip | PIC18LF6722  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6722  | [TQFP64]      | (104)  |
| Microchip | PIC18LF6723  | (ISP)         | (138)  |
| Microchip | PIC18LF6723  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF6723  | [TQFP64]      | (104)  |
| Microchip | PIC18LF67K40 | (ISP)         | (138)  |
| Microchip | PIC18LF67K40 | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF67K40 | [QFN64]       | (2259) |
| Microchip | PIC18LF67K40 | [TQFP64]      | (691)  |
| Microchip | PIC18LF8310  | (ISP)         | (138)  |
| Microchip | PIC18LF8310  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8310  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8390  | (ISP)         | (138)  |
| Microchip | PIC18LF8390  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8390  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8393  | (ISP)         | (138)  |
| Microchip | PIC18LF8393  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8393  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8410  | (ISP)         | (138)  |
| Microchip | PIC18LF8410  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8410  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8490  | (ISP)         | (138)  |
| Microchip | PIC18LF8490  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8490  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8493  | (ISP)         | (138)  |
| Microchip | PIC18LF8493  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8493  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8520  | (ISP)         | (138)  |
| Microchip | PIC18LF8520  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8520  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8525  | (ISP)         | (138)  |
| Microchip | PIC18LF8525  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8525  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8527  | (ISP)         | (138)  |
| Microchip | PIC18LF8527  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8527  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8585  | (ISP)         | (138)  |
| Microchip | PIC18LF8585  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8585  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8620  | (ISP)         | (138)  |
| Microchip | PIC18LF8620  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8620  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8621  | (ISP)         | (138)  |
| Microchip | PIC18LF8621  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8621  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8622  | (ISP)         | (138)  |
| Microchip | PIC18LF8622  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8622  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8627  | (ISP)         | (138)  |
| Microchip | PIC18LF8627  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8627  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8628  | (ISP)         | (138)  |
| Microchip | PIC18LF8628  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8628  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8680  | (ISP)         | (138)  |
| Microchip | PIC18LF8680  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8680  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8720  | (ISP)         | (138)  |
| Microchip | PIC18LF8720  | (ISP-ext.VDD) | (138)  |
| Microchip | PIC18LF8720  | [TQFP80]      | (237)  |
| Microchip | PIC18LF8722  | (ISP)         | (138)  |
| Microchip | PIC18LF8722  | (ISP-ext.VDD) | (138)  |

|           |                               |              |
|-----------|-------------------------------|--------------|
| Microchip | PIC18LF8722 [TQFP80]          | (237)        |
| Microchip | PIC18LF8723 (ISP)             | (138)        |
| Microchip | PIC18LF8723 (ISP-ext.VDD)     | (138)        |
| Microchip | PIC18LF8723 [TQFP80]          | (237)        |
| Microchip | PIC24EP128GP202               | (2589)       |
| Microchip | PIC24EP128GP202 (ISP)         | (138) (9997) |
| Microchip | PIC24EP128GP202 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP128GP202 [QFN-S28]     | (2594)       |
| Microchip | PIC24EP128GP202 [SOIC28]      | (2593)       |
| Microchip | PIC24EP128GP202 [SSOP28]      | (2591)       |
| Microchip | PIC24EP128GP204 (ISP)         | (138) (9997) |
| Microchip | PIC24EP128GP204 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP128GP204 [QFN44]       | (2595)       |
| Microchip | PIC24EP128GP204 [TQFP44]      | (2596)       |
| Microchip | PIC24EP128GP204 [UQFN48]      | (2597)       |
| Microchip | PIC24EP128GP204 [VTLA44]      | (3431)       |
| Microchip | PIC24EP128GP206 (ISP)         | (138) (9997) |
| Microchip | PIC24EP128GP206 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP128GP206 [QFN64]       | (1458)       |
| Microchip | PIC24EP128GP206 [TQFP64]      | (2791)       |
| Microchip | PIC24EP128MC202               | (2589)       |
| Microchip | PIC24EP128MC202 (ISP)         | (138) (9997) |
| Microchip | PIC24EP128MC202 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP128MC202 [QFN-S28]     | (2594)       |
| Microchip | PIC24EP128MC202 [SOIC28]      | (2593)       |
| Microchip | PIC24EP128MC202 [SSOP28]      | (2591)       |
| Microchip | PIC24EP128MC204 (ISP)         | (138) (9997) |
| Microchip | PIC24EP128MC204 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP128MC204 [QFN44]       | (2595)       |
| Microchip | PIC24EP128MC204 [TQFP44]      | (2596)       |
| Microchip | PIC24EP128MC204 [UQFN48]      | (2597)       |
| Microchip | PIC24EP128MC204 [VTLA44]      | (3431)       |
| Microchip | PIC24EP128MC206 (ISP)         | (138) (9997) |
| Microchip | PIC24EP128MC206 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP128MC206 [QFN64]       | (1458)       |
| Microchip | PIC24EP128MC206 [TQFP64]      | (2791)       |
| Microchip | PIC24EP256GP202               | (2589)       |
| Microchip | PIC24EP256GP202 (ISP)         | (138) (9997) |
| Microchip | PIC24EP256GP202 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP256GP202 [QFN-S28]     | (2594)       |
| Microchip | PIC24EP256GP202 [SOIC28]      | (2593)       |
| Microchip | PIC24EP256GP202 [SSOP28]      | (2591)       |
| Microchip | PIC24EP256GP204 (ISP)         | (138) (9997) |
| Microchip | PIC24EP256GP204 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP256GP204 [QFN44]       | (2595)       |
| Microchip | PIC24EP256GP204 [TQFP44]      | (2596)       |
| Microchip | PIC24EP256GP204 [UQFN48]      | (2597)       |
| Microchip | PIC24EP256GP204 [VTLA44]      | (3431)       |
| Microchip | PIC24EP256GP206 (ISP)         | (138) (9997) |
| Microchip | PIC24EP256GP206 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP256GP206 [QFN64]       | (1458)       |
| Microchip | PIC24EP256GP206 [TQFP64]      | (2791)       |
| Microchip | PIC24EP256GU810 (ISP)         | (138) (9997) |
| Microchip | PIC24EP256GU810 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP256GU810 [TFBGA121]    | (1467)       |
| Microchip | PIC24EP256GU810 [TQFP100-1]   | (2792)       |
| Microchip | PIC24EP256GU810 [TQFP100-2]   | (2793)       |
| Microchip | PIC24EP256GU814 (ISP)         | (138) (9997) |
| Microchip | PIC24EP256GU814 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP256GU814 [LQFP144]     | (2794)       |
| Microchip | PIC24EP256GU814 [TQFP144]     | (2795)       |
| Microchip | PIC24EP256MC202               | (2589)       |
| Microchip | PIC24EP256MC202 (ISP)         | (138) (9997) |
| Microchip | PIC24EP256MC202 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP256MC202 [QFN-S28]     | (2594)       |
| Microchip | PIC24EP256MC202 [SOIC28]      | (2593)       |
| Microchip | PIC24EP256MC202 [SSOP28]      | (2591)       |
| Microchip | PIC24EP256MC204 (ISP)         | (138) (9997) |
| Microchip | PIC24EP256MC204 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP256MC204 [QFN44]       | (2595)       |
| Microchip | PIC24EP256MC204 [TQFP44]      | (2596)       |
| Microchip | PIC24EP256MC204 [UQFN48]      | (2597)       |
| Microchip | PIC24EP256MC204 [VTLA44]      | (3431)       |
| Microchip | PIC24EP256MC206 (ISP)         | (138) (9997) |
| Microchip | PIC24EP256MC206 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP256MC206 [QFN64]       | (1458)       |
| Microchip | PIC24EP256MC206 [TQFP64]      | (2791)       |
| Microchip | PIC24EP32GP202                | (2589)       |
| Microchip | PIC24EP32GP202 (ISP)          | (138) (9997) |
| Microchip | PIC24EP32GP202 (ISP-ext.VDD)  | (138) (9997) |
| Microchip | PIC24EP32GP202 [QFN-S28]      | (2594)       |
| Microchip | PIC24EP32GP202 [SOIC28]       | (2593)       |
| Microchip | PIC24EP32GP202 [SSOP28]       | (2591)       |
| Microchip | PIC24EP32GP203 (ISP)          | (138) (9997) |
| Microchip | PIC24EP32GP203 (ISP-ext.VDD)  | (138) (9997) |
| Microchip | PIC24EP32GP203 [VTLA36]       | (3430)       |
| Microchip | PIC24EP32GP204 (ISP)          | (138) (9997) |
| Microchip | PIC24EP32GP204 (ISP-ext.VDD)  | (138) (9997) |
| Microchip | PIC24EP32GP204 [QFN44]        | (2595)       |
| Microchip | PIC24EP32GP204 [TQFP44]       | (2596)       |
| Microchip | PIC24EP32GP204 [UQFN48]       | (2597)       |
| Microchip | PIC24EP32GP204 [VTLA44]       | (3431)       |
| Microchip | PIC24EP32MC202                | (2589)       |
| Microchip | PIC24EP32MC202 (ISP)          | (138) (9997) |
| Microchip | PIC24EP32MC202 (ISP-ext.VDD)  | (138) (9997) |
| Microchip | PIC24EP32MC202 [QFN-S28]      | (2594)       |
| Microchip | PIC24EP32MC202 [SOIC28]       | (2593)       |
| Microchip | PIC24EP32MC202 [SSOP28]       | (2591)       |
| Microchip | PIC24EP32MC203 (ISP)          | (138) (9997) |
| Microchip | PIC24EP32MC203 (ISP-ext.VDD)  | (138) (9997) |
| Microchip | PIC24EP32MC203 [VTLA36]       | (3430)       |
| Microchip | PIC24EP32MC204 (ISP)          | (138) (9997) |
| Microchip | PIC24EP32MC204 (ISP-ext.VDD)  | (138) (9997) |
| Microchip | PIC24EP32MC204 [QFN44]        | (2595)       |
| Microchip | PIC24EP32MC204 [TQFP44]       | (2596)       |
| Microchip | PIC24EP32MC204 [UQFN48]       | (2597)       |
| Microchip | PIC24EP32MC204 [VTLA44]       | (3431)       |
| Microchip | PIC24EP512GP202               | (2589)       |
| Microchip | PIC24EP512GP202 (ISP)         | (138) (9997) |
| Microchip | PIC24EP512GP202 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP512GP202 [QFN-S28]     | (2594)       |
| Microchip | PIC24EP512GP202 [SOIC28]      | (2593)       |
| Microchip | PIC24EP512GP202 [SSOP28]      | (2591)       |
| Microchip | PIC24EP512GP204 (ISP)         | (138) (9997) |
| Microchip | PIC24EP512GP204 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP512GP204 [QFN44]       | (2595)       |
| Microchip | PIC24EP512GP204 [TQFP44]      | (2596)       |
| Microchip | PIC24EP512GP204 [UQFN48]      | (2597)       |
| Microchip | PIC24EP512GP206 (ISP)         | (138) (9997) |
| Microchip | PIC24EP512GP206 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP512GP206 [QFN64]       | (1458)       |
| Microchip | PIC24EP512GP206 [TQFP64]      | (2791)       |
| Microchip | PIC24EP512GP806 (ISP)         | (138) (9997) |
| Microchip | PIC24EP512GP806 (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP512GP806 [QFN64]       | (1458)       |
| Microchip | PIC24EP512GP806 [TQFP64]      | (2791)       |
| Microchip | PIC24EP512GU810 (ISP)         | (138)        |
| Microchip | PIC24EP512GU810 (ISP-ext.VDD) | (138)        |

|           |                    |               |              |
|-----------|--------------------|---------------|--------------|
| Microchip | PIC24EP512GU810    | [TFBGA121]    | (1467)       |
| Microchip | PIC24EP512GU810    | [TQFP100-1]   | (2792)       |
| Microchip | PIC24EP512GU810    | [TQFP100-2]   | (2793)       |
| Microchip | PIC24EP512GU814    | (ISP)         | (138) (9997) |
| Microchip | PIC24EP512GU814    | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP512GU814    | [LQFP144]     | (2794)       |
| Microchip | PIC24EP512GU814    | [TQFP144]     | (2795)       |
| Microchip | PIC24EP64GP202     |               | (2589)       |
| Microchip | PIC24EP64GP202     | (ISP)         | (138) (9997) |
| Microchip | PIC24EP64GP202     | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP64GP202     | [QFN-S28]     | (2594)       |
| Microchip | PIC24EP64GP202     | [SOIC28]      | (2593)       |
| Microchip | PIC24EP64GP202     | [SSOP28]      | (2591)       |
| Microchip | PIC24EP64GP203     | (ISP)         | (138) (9997) |
| Microchip | PIC24EP64GP203     | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP64GP203     | [VTLA36]      | (3430)       |
| Microchip | PIC24EP64GP204     | (ISP)         | (138) (9997) |
| Microchip | PIC24EP64GP204     | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP64GP204     | [QFN44]       | (2595)       |
| Microchip | PIC24EP64GP204     | [TQFP44]      | (2596)       |
| Microchip | PIC24EP64GP204     | [UQFN48]      | (2597)       |
| Microchip | PIC24EP64GP204     | [VTLA44]      | (3431)       |
| Microchip | PIC24EP64GP206     | (ISP)         | (138) (9997) |
| Microchip | PIC24EP64GP206     | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP64GP206     | [QFN64]       | (1458)       |
| Microchip | PIC24EP64GP206     | [TQFP64]      | (2791)       |
| Microchip | PIC24EP64MC202     |               | (2589)       |
| Microchip | PIC24EP64MC202     | (ISP)         | (138) (9997) |
| Microchip | PIC24EP64MC202     | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP64MC202     | [QFN-S28]     | (2594)       |
| Microchip | PIC24EP64MC202     | [SOIC28]      | (2593)       |
| Microchip | PIC24EP64MC202     | [SSOP28]      | (2591)       |
| Microchip | PIC24EP64MC203     | (ISP)         | (138) (9997) |
| Microchip | PIC24EP64MC203     | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP64MC203     | [VTLA36]      | (3430)       |
| Microchip | PIC24EP64MC204     | (ISP)         | (138) (9997) |
| Microchip | PIC24EP64MC204     | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP64MC204     | [QFN44]       | (2595)       |
| Microchip | PIC24EP64MC204     | [TQFP44]      | (2596)       |
| Microchip | PIC24EP64MC204     | [UQFN48]      | (2597)       |
| Microchip | PIC24EP64MC204     | [VTLA44]      | (3431)       |
| Microchip | PIC24EP64MC206     | (ISP)         | (138) (9997) |
| Microchip | PIC24EP64MC206     | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24EP64MC206     | [QFN64]       | (1458)       |
| Microchip | PIC24EP64MC206     | [TQFP64]      | (2791)       |
| Microchip | PIC24F04KA200      |               | (138)        |
| Microchip | PIC24F04KA200      | (ISP)         | (138)        |
| Microchip | PIC24F04KA200      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F04KA200      | [TSSOP14]     | (1087)       |
| Microchip | PIC24F04KA201      |               | (138)        |
| Microchip | PIC24F04KA201      | (ISP)         | (138)        |
| Microchip | PIC24F04KA201      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F04KA201      | [QFN20]       | (1398)       |
| Microchip | PIC24F04KA201      | [SOIC20]      | (119)        |
| Microchip | PIC24F04KA201      | [SSOP20]      | (91)         |
| Microchip | PIC24F04KL100      |               | (138)        |
| Microchip | PIC24F04KL100      | (ISP)         | (138)        |
| Microchip | PIC24F04KL100      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F04KL100      | [TSSOP14]     | (1087)       |
| Microchip | PIC24F04KL101      |               | (138)        |
| Microchip | PIC24F04KL101      | (ISP)         | (138)        |
| Microchip | PIC24F04KL101      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F04KL101      | [QFN20]       | (1398)       |
| Microchip | PIC24F04KL101      | [SOIC20]      | (119)        |
| Microchip | PIC24F04KL101      | [SSOP20]      | (91)         |
| Microchip | PIC24F08KA101      |               | (138)        |
| Microchip | PIC24F08KA101      | (ISP)         | (138)        |
| Microchip | PIC24F08KA101      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F08KA101      | [QFN20]       | (1398)       |
| Microchip | PIC24F08KA101      | [SOIC20]      | (119)        |
| Microchip | PIC24F08KA101      | [SSOP20]      | (91)         |
| Microchip | PIC24F08KA102      |               | (138)        |
| Microchip | PIC24F08KA102      | (ISP)         | (138)        |
| Microchip | PIC24F08KA102      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F08KA102      | [QFN28]       | (635)        |
| Microchip | PIC24F08KA102      | [SOIC28]      | (51)         |
| Microchip | PIC24F08KA102      | [SSOP28]      | (1103)       |
| Microchip | PIC24F08KL200      |               | (138)        |
| Microchip | PIC24F08KL200      | (ISP)         | (138)        |
| Microchip | PIC24F08KL200      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F08KL200      | [TSSOP14]     | (1087)       |
| Microchip | PIC24F08KL201      |               | (138)        |
| Microchip | PIC24F08KL201      | (ISP)         | (138)        |
| Microchip | PIC24F08KL201      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F08KL201      | [QFN20]       | (1398)       |
| Microchip | PIC24F08KL201      | [SOIC20]      | (119)        |
| Microchip | PIC24F08KL201      | [SSOP20]      | (91)         |
| Microchip | PIC24F08KL301      |               | (138)        |
| Microchip | PIC24F08KL301      | (ISP)         | (138)        |
| Microchip | PIC24F08KL301      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F08KL301      | [QFN20]       | (1398)       |
| Microchip | PIC24F08KL301      | [SOIC20]      | (119)        |
| Microchip | PIC24F08KL301      | [SSOP20]      | (91)         |
| Microchip | PIC24F08KL302      |               | (138)        |
| Microchip | PIC24F08KL302      | (ISP)         | (138)        |
| Microchip | PIC24F08KL302      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F08KL302      | [SOIC28]      | (51)         |
| Microchip | PIC24F08KL302      | [SSOP28]      | (1103)       |
| Microchip | PIC24F08KL302-x/ML | [QFN28]       | (635)        |
| Microchip | PIC24F08KL302-x/MQ | [QFN28]       | (576)        |
| Microchip | PIC24F08KL401      |               | (138)        |
| Microchip | PIC24F08KL401      | (ISP)         | (138)        |
| Microchip | PIC24F08KL401      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F08KL401      | [QFN20]       | (1398)       |
| Microchip | PIC24F08KL401      | [SOIC20]      | (119)        |
| Microchip | PIC24F08KL401      | [SSOP20]      | (91)         |
| Microchip | PIC24F08KL402      |               | (138)        |
| Microchip | PIC24F08KL402      | (ISP)         | (138)        |
| Microchip | PIC24F08KL402      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F08KL402      | [SOIC28]      | (51)         |
| Microchip | PIC24F08KL402      | [SSOP28]      | (1103)       |
| Microchip | PIC24F08KL402-x/ML | [QFN28]       | (635)        |
| Microchip | PIC24F08KL402-x/MQ | [QFN28]       | (576)        |
| Microchip | PIC24F08KM101      |               | (138) (9997) |
| Microchip | PIC24F08KM101      | (ISP)         | (138) (9997) |
| Microchip | PIC24F08KM101      | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24F08KM101      | [SOIC20]      | (119)        |
| Microchip | PIC24F08KM101      | [SSOP20]      | (91)         |
| Microchip | PIC24F08KM102      |               | (138) (9997) |
| Microchip | PIC24F08KM102      | (ISP)         | (138) (9997) |
| Microchip | PIC24F08KM102      | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24F08KM102      | [QFN28]       | (635)        |
| Microchip | PIC24F08KM102      | [SOIC28]      | (51)         |
| Microchip | PIC24F08KM102      | [SSOP28]      | (1103)       |
| Microchip | PIC24F08KM202      |               | (138) (9997) |
| Microchip | PIC24F08KM202      | (ISP)         | (138) (9997) |
| Microchip | PIC24F08KM202      | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24F08KM202      | [QFN28]       | (635)        |

|           |                    |               |              |
|-----------|--------------------|---------------|--------------|
| Microchip | PIC24F08KM202      | [SOIC28]      | (51)         |
| Microchip | PIC24F08KM202      | [SSOP28]      | (1103)       |
| Microchip | PIC24F08KM204      | (ISP)         | (138) (9997) |
| Microchip | PIC24F08KM204      | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24F08KM204      | [QFN44]       | (646)        |
| Microchip | PIC24F08KM204      | [TQFP44]      | (94)         |
| Microchip | PIC24F08KM204      | [UQFN48]      | (2312)       |
| Microchip | PIC24F16KA101      |               |              |
| Microchip | PIC24F16KA101      | (ISP)         | (138)        |
| Microchip | PIC24F16KA101      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F16KA101      | [QFN20]       | (1398)       |
| Microchip | PIC24F16KA101      | [SOIC20]      | (119)        |
| Microchip | PIC24F16KA101      | [SSOP20]      | (91)         |
| Microchip | PIC24F16KA102      |               |              |
| Microchip | PIC24F16KA102      | (ISP)         | (138)        |
| Microchip | PIC24F16KA102      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F16KA102      | [QFN28]       | (635)        |
| Microchip | PIC24F16KA102      | [SOIC28]      | (51)         |
| Microchip | PIC24F16KA102      | [SSOP28]      | (1103)       |
| Microchip | PIC24F16KA301      |               |              |
| Microchip | PIC24F16KA301      | (ISP)         | (138)        |
| Microchip | PIC24F16KA301      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F16KA301      | [SOIC20]      | (119)        |
| Microchip | PIC24F16KA301      | [SSOP20]      | (91)         |
| Microchip | PIC24F16KA302      |               |              |
| Microchip | PIC24F16KA302      | (ISP)         | (138)        |
| Microchip | PIC24F16KA302      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F16KA302      | [QFN28]       | (635)        |
| Microchip | PIC24F16KA302      | [SOIC28]      | (51)         |
| Microchip | PIC24F16KA302      | [SSOP28]      | (1103)       |
| Microchip | PIC24F16KA304      | (ISP)         | (138)        |
| Microchip | PIC24F16KA304      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F16KA304      | [QFN44]       | (646)        |
| Microchip | PIC24F16KA304      | [TQFP44]      | (94)         |
| Microchip | PIC24F16KA304      | [UQFN48]      | (2312)       |
| Microchip | PIC24F16KL401      |               |              |
| Microchip | PIC24F16KL401      | (ISP)         | (138)        |
| Microchip | PIC24F16KL401      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F16KL401      | [QFN20]       | (1398)       |
| Microchip | PIC24F16KL401      | [SOIC20]      | (119)        |
| Microchip | PIC24F16KL401      | [SSOP20]      | (91)         |
| Microchip | PIC24F16KL402      |               |              |
| Microchip | PIC24F16KL402      | (ISP)         | (138)        |
| Microchip | PIC24F16KL402      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F16KL402      | [SOIC28]      | (51)         |
| Microchip | PIC24F16KL402      | [SSOP28]      | (1103)       |
| Microchip | PIC24F16KL402-x/ML | [QFN28]       | (635)        |
| Microchip | PIC24F16KL402-x/MQ | [QFN28]       | (576)        |
| Microchip | PIC24F16KM102      |               |              |
| Microchip | PIC24F16KM102      | (ISP)         | (138) (9997) |
| Microchip | PIC24F16KM102      | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24F16KM102      | [QFN28]       | (635)        |
| Microchip | PIC24F16KM102      | [SOIC28]      | (51)         |
| Microchip | PIC24F16KM102      | [SSOP28]      | (1103)       |
| Microchip | PIC24F16KM104      | (ISP)         | (138) (9997) |
| Microchip | PIC24F16KM104      | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24F16KM104      | [QFN44]       | (646)        |
| Microchip | PIC24F16KM104      | [TQFP44]      | (94)         |
| Microchip | PIC24F16KM104      | [UQFN48]      | (2312)       |
| Microchip | PIC24F16KM202      |               |              |
| Microchip | PIC24F16KM202      | (ISP)         | (138) (9997) |
| Microchip | PIC24F16KM202      | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24F16KM202      | [QFN28]       | (635)        |
| Microchip | PIC24F16KM202      | [SOIC28]      | (51)         |
| Microchip | PIC24F16KM202      | [SSOP28]      | (1103)       |
| Microchip | PIC24F16KM204      | (ISP)         | (138) (9997) |
| Microchip | PIC24F16KM204      | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24F16KM204      | [QFN44]       | (646)        |
| Microchip | PIC24F16KM204      | [TQFP44]      | (94)         |
| Microchip | PIC24F16KM204      | [UQFN48]      | (2312)       |
| Microchip | PIC24F32KA301      |               |              |
| Microchip | PIC24F32KA301      | (ISP)         | (138)        |
| Microchip | PIC24F32KA301      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F32KA301      | [SOIC20]      | (119)        |
| Microchip | PIC24F32KA301      | [SSOP20]      | (91)         |
| Microchip | PIC24F32KA302      |               |              |
| Microchip | PIC24F32KA302      | (ISP)         | (138)        |
| Microchip | PIC24F32KA302      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F32KA302      | [QFN28]       | (635)        |
| Microchip | PIC24F32KA302      | [SOIC28]      | (51)         |
| Microchip | PIC24F32KA302      | [SSOP28]      | (1103)       |
| Microchip | PIC24F32KA304      | (ISP)         | (138)        |
| Microchip | PIC24F32KA304      | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24F32KA304      | [QFN44]       | (646)        |
| Microchip | PIC24F32KA304      | [TQFP44]      | (94)         |
| Microchip | PIC24F32KA304      | [UQFN48]      | (2312)       |
| Microchip | PIC24FJ1024GA606   | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ1024GA606   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ1024GA606   | [QFN64]       | (1458)       |
| Microchip | PIC24FJ1024GA606   | [TQFP64]      | (691)        |
| Microchip | PIC24FJ1024GA610   | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ1024GA610   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ1024GA610   | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ1024GA610   | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ1024GB606   | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ1024GB606   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ1024GB606   | [QFN64]       | (1458)       |
| Microchip | PIC24FJ1024GB606   | [TQFP64]      | (691)        |
| Microchip | PIC24FJ1024GB610   | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ1024GB610   | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ1024GB610   | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ1024GB610   | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ128DA106    | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128DA106    | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128DA106    | [QFN64]       | (1458)       |
| Microchip | PIC24FJ128DA106    | [TQFP64]      | (691)        |
| Microchip | PIC24FJ128DA110    | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128DA110    | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128DA110    | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ128DA110    | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ128DA206    | (ISP)         | (138)        |
| Microchip | PIC24FJ128DA206    | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ128DA206    | [QFN64]       | (1458)       |
| Microchip | PIC24FJ128DA206    | [TQFP64]      | (691)        |
| Microchip | PIC24FJ128DA210    | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128DA210    | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128DA210    | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ128DA210    | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ128GA006    | (ISP)         | (138)        |
| Microchip | PIC24FJ128GA006    | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ128GA006    | [QFN64]       | (1458)       |
| Microchip | PIC24FJ128GA006    | [TQFP64]      | (691)        |
| Microchip | PIC24FJ128GA008    | (ISP)         | (138)        |
| Microchip | PIC24FJ128GA008    | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ128GA008    | [TQFP80]      | (719)        |
| Microchip | PIC24FJ128GA010    | (ISP)         | (138)        |
| Microchip | PIC24FJ128GA010    | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ128GA010    | [QFP100-1]    | (973)        |

|           |                 |               |              |
|-----------|-----------------|---------------|--------------|
| Microchip | PIC24FJ128GA010 | [QFP100-2]    | (1465)       |
| Microchip | PIC24FJ128GA106 | (ISP)         | (138)        |
| Microchip | PIC24FJ128GA106 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ128GA106 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ128GA106 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ128GA108 | (ISP)         | (138)        |
| Microchip | PIC24FJ128GA108 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ128GA108 | [TQFP80]      | (719)        |
| Microchip | PIC24FJ128GA110 | (ISP)         | (138)        |
| Microchip | PIC24FJ128GA110 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ128GA110 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ128GA110 | [QFP100-2]    | (1465)       |
| Microchip | PIC24FJ128GA202 |               | (2589)       |
| Microchip | PIC24FJ128GA202 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GA202 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GA202 | [QFN28]       | (2594)       |
| Microchip | PIC24FJ128GA202 | [SOIC28]      | (2593)       |
| Microchip | PIC24FJ128GA202 | [SSOP28]      | (2591)       |
| Microchip | PIC24FJ128GA204 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GA204 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GA204 | [QFN44]       | (2595)       |
| Microchip | PIC24FJ128GA204 | [TQFP44]      | (2596)       |
| Microchip | PIC24FJ128GA306 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GA306 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GA306 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ128GA306 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ128GA308 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GA308 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GA308 | [TQFP80]      | (719)        |
| Microchip | PIC24FJ128GA310 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GA310 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GA310 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ128GA310 | [QFP100-2]    | (1465)       |
| Microchip | PIC24FJ128GA310 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ128GA406 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GA406 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GA406 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ128GA406 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ128GA410 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GA410 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GA410 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ128GA412 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GA412 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GA412 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ128GA606 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GA606 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GA606 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ128GA606 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ128GA610 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GA610 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GA610 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ128GA610 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ128GA702 |               | (2589)       |
| Microchip | PIC24FJ128GA702 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GA702 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GA702 | [QFN28]       | (2594)       |
| Microchip | PIC24FJ128GA702 | [SOIC28]      | (2593)       |
| Microchip | PIC24FJ128GA702 | [SSOP28]      | (2591)       |
| Microchip | PIC24FJ128GA702 | [UQFN28]      | (3641)       |
| Microchip | PIC24FJ128GA704 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GA704 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GA704 | [TQFP44]      | (2596)       |
| Microchip | PIC24FJ128GA705 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GA705 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GA705 | [TQFP48]      | (4115)       |
| Microchip | PIC24FJ128GA705 | [UQFN48]      | (2597)       |
| Microchip | PIC24FJ128GB106 | (ISP)         | (138)        |
| Microchip | PIC24FJ128GB106 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ128GB106 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ128GB106 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ128GB108 | (ISP)         | (138)        |
| Microchip | PIC24FJ128GB108 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ128GB108 | [TQFP80]      | (719)        |
| Microchip | PIC24FJ128GB110 | (ISP)         | (138)        |
| Microchip | PIC24FJ128GB110 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ128GB110 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ128GB110 | [QFP100-2]    | (1465)       |
| Microchip | PIC24FJ128GB202 |               | (2589)       |
| Microchip | PIC24FJ128GB202 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GB202 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GB202 | [QFN28]       | (2594)       |
| Microchip | PIC24FJ128GB202 | [SOIC28]      | (2593)       |
| Microchip | PIC24FJ128GB202 | [SSOP28]      | (2591)       |
| Microchip | PIC24FJ128GB204 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GB204 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GB204 | [QFN44]       | (2595)       |
| Microchip | PIC24FJ128GB204 | [TQFP44]      | (2596)       |
| Microchip | PIC24FJ128GB206 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GB206 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GB206 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ128GB206 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ128GB210 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GB210 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GB210 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ128GB210 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ128GB406 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GB406 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GB406 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ128GB406 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ128GB410 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GB410 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GB410 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ128GB412 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GB412 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GB412 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ128GB606 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GB606 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GB606 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ128GB606 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ128GB610 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GB610 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GB610 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ128GB610 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ128GC006 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GC006 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GC006 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ128GC006 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ128GC008 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GC008 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GC008 | [TQFP80]      | (719)        |
| Microchip | PIC24FJ128GC010 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ128GC010 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ128GC010 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ128GC010 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ16GA002  |               |              |
| Microchip | PIC24FJ16GA002  | (ISP)         | (138)        |
| Microchip | PIC24FJ16GA002  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ16GA002  | [QFN28]       | (635)        |

|           |                 |               |              |
|-----------|-----------------|---------------|--------------|
| Microchip | PIC24FJ16GA002  | [SOIC28]      | (51)         |
| Microchip | PIC24FJ16GA002  | [SSOP28]      | (1103)       |
| Microchip | PIC24FJ16GA004  | (ISP)         | (138)        |
| Microchip | PIC24FJ16GA004  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ16GA004  | [QFN44]       | (646)        |
| Microchip | PIC24FJ16GA004  | [TQFP44]      | (94)         |
| Microchip | PIC24FJ16MC101  |               |              |
| Microchip | PIC24FJ16MC101  | (ISP)         | (138)        |
| Microchip | PIC24FJ16MC101  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ16MC101  | [SOIC20]      | (119)        |
| Microchip | PIC24FJ16MC101  | [SSOP20]      | (91)         |
| Microchip | PIC24FJ16MC102  |               |              |
| Microchip | PIC24FJ16MC102  | (ISP)         | (138)        |
| Microchip | PIC24FJ16MC102  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ16MC102  | [QFN28]       | (635)        |
| Microchip | PIC24FJ16MC102  | [SOIC28]      | (51)         |
| Microchip | PIC24FJ16MC102  | [SSOP28]      | (1103)       |
| Microchip | PIC24FJ192GA106 | (ISP)         | (138)        |
| Microchip | PIC24FJ192GA106 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ192GA106 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ192GA106 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ192GA108 | (ISP)         | (138)        |
| Microchip | PIC24FJ192GA108 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ192GA108 | [TQFP80]      | (719)        |
| Microchip | PIC24FJ192GA110 | (ISP)         | (138)        |
| Microchip | PIC24FJ192GA110 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ192GA110 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ192GA110 | [QFP100-2]    | (1465)       |
| Microchip | PIC24FJ192GB106 | (ISP)         | (138)        |
| Microchip | PIC24FJ192GB106 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ192GB106 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ192GB106 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ192GB108 | (ISP)         | (138)        |
| Microchip | PIC24FJ192GB108 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ192GB108 | [TQFP80]      | (719)        |
| Microchip | PIC24FJ192GB110 | (ISP)         | (138)        |
| Microchip | PIC24FJ192GB110 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ192GB110 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ192GB110 | [QFP100-2]    | (1465)       |
| Microchip | PIC24FJ256DA106 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256DA106 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256DA106 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ256DA106 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ256DA110 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256DA110 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256DA110 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ256DA110 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ256DA206 | (ISP)         | (138)        |
| Microchip | PIC24FJ256DA206 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ256DA206 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ256DA206 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ256DA210 | (ISP)         | (138)        |
| Microchip | PIC24FJ256DA210 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ256DA210 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ256DA210 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ256GA106 | (ISP)         | (138)        |
| Microchip | PIC24FJ256GA106 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ256GA106 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ256GA106 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ256GA108 | (ISP)         | (138)        |
| Microchip | PIC24FJ256GA108 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ256GA108 | [TQFP80]      | (719)        |
| Microchip | PIC24FJ256GA110 | (ISP)         | (138)        |
| Microchip | PIC24FJ256GA110 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ256GA110 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ256GA110 | [QFP100-2]    | (1465)       |
| Microchip | PIC24FJ256GA406 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GA406 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GA406 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ256GA406 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ256GA410 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GA410 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GA410 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ256GA412 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GA412 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GA412 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ256GA606 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GA606 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GA606 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ256GA606 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ256GA610 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GA610 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GA610 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ256GA610 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ256GA702 |               | (2589)       |
| Microchip | PIC24FJ256GA702 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GA702 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GA702 | [QFN28]       | (2594)       |
| Microchip | PIC24FJ256GA702 | [SOIC28]      | (2593)       |
| Microchip | PIC24FJ256GA702 | [SSOP28]      | (2591)       |
| Microchip | PIC24FJ256GA702 | [UQFN28]      | (3641)       |
| Microchip | PIC24FJ256GA704 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GA704 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GA704 | [TQFP44]      | (2596)       |
| Microchip | PIC24FJ256GA705 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GA705 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GA705 | [TQFP48]      | (4115)       |
| Microchip | PIC24FJ256GA705 | [UQFN48]      | (2597)       |
| Microchip | PIC24FJ256GB106 | (ISP)         | (138)        |
| Microchip | PIC24FJ256GB106 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ256GB106 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ256GB106 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ256GB108 | (ISP)         | (138)        |
| Microchip | PIC24FJ256GB108 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ256GB108 | [TQFP80]      | (719)        |
| Microchip | PIC24FJ256GB110 | (ISP)         | (138)        |
| Microchip | PIC24FJ256GB110 | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ256GB110 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ256GB110 | [QFP100-2]    | (1465)       |
| Microchip | PIC24FJ256GB206 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GB206 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GB206 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ256GB206 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ256GB210 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GB210 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GB210 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ256GB210 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ256GB406 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GB406 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GB406 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ256GB406 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ256GB410 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GB410 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GB410 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ256GB412 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GB412 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GB412 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ256GB606 | (ISP)         | (138) (9997) |

|           |                 |               |              |
|-----------|-----------------|---------------|--------------|
| Microchip | PIC24FJ256GB606 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GB606 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ256GB606 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ256GB610 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ256GB610 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ256GB610 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ256GB610 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ32GA002  |               |              |
| Microchip | PIC24FJ32GA002  | (ISP)         | (138)        |
| Microchip | PIC24FJ32GA002  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ32GA002  | [QFN28]       | (635)        |
| Microchip | PIC24FJ32GA002  | [SOIC28]      | (51)         |
| Microchip | PIC24FJ32GA002  | [SSOP28]      | (1103)       |
| Microchip | PIC24FJ32GA004  | (ISP)         | (138)        |
| Microchip | PIC24FJ32GA004  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ32GA004  | [QFN44]       | (646)        |
| Microchip | PIC24FJ32GA004  | [TQFP44]      | (94)         |
| Microchip | PIC24FJ32GA102  |               |              |
| Microchip | PIC24FJ32GA102  | (ISP)         | (138)        |
| Microchip | PIC24FJ32GA102  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ32GA102  | [QFN28]       | (635)        |
| Microchip | PIC24FJ32GA102  | [SOIC28]      | (51)         |
| Microchip | PIC24FJ32GA102  | [SSOP28]      | (1103)       |
| Microchip | PIC24FJ32GA104  | (ISP)         | (138)        |
| Microchip | PIC24FJ32GA104  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ32GA104  | [QFN44]       | (646)        |
| Microchip | PIC24FJ32GA104  | [TQFP44]      | (94)         |
| Microchip | PIC24FJ32GB002  |               |              |
| Microchip | PIC24FJ32GB002  | (ISP)         | (138)        |
| Microchip | PIC24FJ32GB002  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ32GB002  | [QFN28]       | (635)        |
| Microchip | PIC24FJ32GB002  | [SOIC28]      | (51)         |
| Microchip | PIC24FJ32GB002  | [SSOP28]      | (1103)       |
| Microchip | PIC24FJ32GB004  | (ISP)         | (138)        |
| Microchip | PIC24FJ32GB004  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ32GB004  | [QFN44]       | (646)        |
| Microchip | PIC24FJ32GB004  | [TQFP44]      | (94)         |
| Microchip | PIC24FJ32MC101  |               |              |
| Microchip | PIC24FJ32MC101  | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ32MC101  | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ32MC101  | [SOIC20]      | (119)        |
| Microchip | PIC24FJ32MC101  | [SSOP20]      | (91)         |
| Microchip | PIC24FJ32MC102  |               |              |
| Microchip | PIC24FJ32MC102  | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ32MC102  | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ32MC102  | [QFN28]       | (635)        |
| Microchip | PIC24FJ32MC102  | [SOIC28]      | (51)         |
| Microchip | PIC24FJ32MC102  | [SSOP28]      | (1103)       |
| Microchip | PIC24FJ32MC104  | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ32MC104  | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ32MC104  | [QFN44]       | (646)        |
| Microchip | PIC24FJ32MC104  | [TQFP44]      | (94)         |
| Microchip | PIC24FJ48GA002  |               |              |
| Microchip | PIC24FJ48GA002  | (ISP)         | (138)        |
| Microchip | PIC24FJ48GA002  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ48GA002  | [QFN28]       | (635)        |
| Microchip | PIC24FJ48GA002  | [SOIC28]      | (51)         |
| Microchip | PIC24FJ48GA002  | [SSOP28]      | (1103)       |
| Microchip | PIC24FJ48GA004  | (ISP)         | (138)        |
| Microchip | PIC24FJ48GA004  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ48GA004  | [QFN44]       | (646)        |
| Microchip | PIC24FJ48GA004  | [TQFP44]      | (94)         |
| Microchip | PIC24FJ512GA606 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ512GA606 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ512GA606 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ512GA606 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ512GA610 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ512GA610 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ512GA610 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ512GA610 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ512GB606 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ512GB606 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ512GB606 | [QFN64]       | (1458)       |
| Microchip | PIC24FJ512GB606 | [TQFP64]      | (691)        |
| Microchip | PIC24FJ512GB610 | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ512GB610 | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ512GB610 | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ512GB610 | [XBGA121]     | (1467)       |
| Microchip | PIC24FJ64GA002  |               |              |
| Microchip | PIC24FJ64GA002  | (ISP)         | (138)        |
| Microchip | PIC24FJ64GA002  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ64GA002  | [QFN28]       | (635)        |
| Microchip | PIC24FJ64GA002  | [SOIC28]      | (51)         |
| Microchip | PIC24FJ64GA002  | [SSOP28]      | (1103)       |
| Microchip | PIC24FJ64GA004  | (ISP)         | (138)        |
| Microchip | PIC24FJ64GA004  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ64GA004  | [QFN44]       | (646)        |
| Microchip | PIC24FJ64GA004  | [TQFP44]      | (94)         |
| Microchip | PIC24FJ64GA006  | (ISP)         | (138)        |
| Microchip | PIC24FJ64GA006  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ64GA006  | [QFN64]       | (1458)       |
| Microchip | PIC24FJ64GA006  | [TQFP64]      | (691)        |
| Microchip | PIC24FJ64GA008  | (ISP)         | (138)        |
| Microchip | PIC24FJ64GA008  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ64GA008  | [TQFP80]      | (719)        |
| Microchip | PIC24FJ64GA010  | (ISP)         | (138)        |
| Microchip | PIC24FJ64GA010  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ64GA010  | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ64GA010  | [QFP100-2]    | (1465)       |
| Microchip | PIC24FJ64GA102  |               |              |
| Microchip | PIC24FJ64GA102  | (ISP)         | (138)        |
| Microchip | PIC24FJ64GA102  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ64GA102  | [QFN28]       | (635)        |
| Microchip | PIC24FJ64GA102  | [SOIC28]      | (51)         |
| Microchip | PIC24FJ64GA102  | [SSOP28]      | (1103)       |
| Microchip | PIC24FJ64GA104  | (ISP)         | (138)        |
| Microchip | PIC24FJ64GA104  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ64GA104  | [QFN44]       | (646)        |
| Microchip | PIC24FJ64GA104  | [TQFP44]      | (94)         |
| Microchip | PIC24FJ64GA106  | (ISP)         | (138)        |
| Microchip | PIC24FJ64GA106  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ64GA106  | [QFN64]       | (1458)       |
| Microchip | PIC24FJ64GA106  | [TQFP64]      | (691)        |
| Microchip | PIC24FJ64GA108  | (ISP)         | (138)        |
| Microchip | PIC24FJ64GA108  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ64GA108  | [TQFP80]      | (719)        |
| Microchip | PIC24FJ64GA110  | (ISP)         | (138)        |
| Microchip | PIC24FJ64GA110  | (ISP-ext.VDD) | (138)        |
| Microchip | PIC24FJ64GA110  | [QFP100-1]    | (973)        |
| Microchip | PIC24FJ64GA110  | [QFP100-2]    | (1465)       |
| Microchip | PIC24FJ64GA202  |               |              |
| Microchip | PIC24FJ64GA202  | (ISP)         | (2589)       |
| Microchip | PIC24FJ64GA202  | (ISP-ext.VDD) | (138) (9997) |
| Microchip | PIC24FJ64GA202  | [QFN28]       | (2594)       |
| Microchip | PIC24FJ64GA202  | [SOIC28]      | (2593)       |
| Microchip | PIC24FJ64GA202  | [SSOP28]      | (2591)       |
| Microchip | PIC24FJ64GA204  | (ISP)         | (138) (9997) |
| Microchip | PIC24FJ64GA204  | (ISP-ext.VDD) | (138) (9997) |



|           |                |                |              |
|-----------|----------------|----------------|--------------|
| Microchip | PIC24FJ64GA204 | [QFN44]        | (2595)       |
| Microchip | PIC24FJ64GA204 | [TQFP44]       | (2596)       |
| Microchip | PIC24FJ64GA306 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GA306 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GA306 | [QFN64]        | (1458)       |
| Microchip | PIC24FJ64GA306 | [TQFP64]       | (691)        |
| Microchip | PIC24FJ64GA308 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GA308 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GA308 | [TQFP80]       | (719)        |
| Microchip | PIC24FJ64GA310 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GA310 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GA310 | [QFP100-1]     | (973)        |
| Microchip | PIC24FJ64GA310 | [QFP100-2]     | (1465)       |
| Microchip | PIC24FJ64GA310 | [XBGA121]      | (1467)       |
| Microchip | PIC24FJ64GA406 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GA406 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GA406 | [QFN64]        | (1458)       |
| Microchip | PIC24FJ64GA406 | [TQFP64]       | (691)        |
| Microchip | PIC24FJ64GA410 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GA410 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GA410 | [QFP100-1]     | (973)        |
| Microchip | PIC24FJ64GA412 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GA412 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GA412 | [XBGA121]      | (1467)       |
| Microchip | PIC24FJ64GA702 | (ISP)          | (2589)       |
| Microchip | PIC24FJ64GA702 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GA702 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GA702 | [QFN28]        | (2594)       |
| Microchip | PIC24FJ64GA702 | [SOIC28]       | (2593)       |
| Microchip | PIC24FJ64GA702 | [SSOP28]       | (2591)       |
| Microchip | PIC24FJ64GA702 | [UQFN28]       | (3641)       |
| Microchip | PIC24FJ64GA704 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GA704 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GA704 | [TQFP44]       | (2596)       |
| Microchip | PIC24FJ64GA705 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GA705 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GA705 | [TQFP48]       | (4115)       |
| Microchip | PIC24FJ64GA705 | [UQFN48]       | (2597)       |
| Microchip | PIC24FJ64GB002 | (ISP)          | (138)        |
| Microchip | PIC24FJ64GB002 | (ISP-ext. VDD) | (138)        |
| Microchip | PIC24FJ64GB002 | [QFN28]        | (635)        |
| Microchip | PIC24FJ64GB002 | [SOIC28]       | (51)         |
| Microchip | PIC24FJ64GB002 | [SSOP28]       | (1103)       |
| Microchip | PIC24FJ64GB004 | (ISP)          | (138)        |
| Microchip | PIC24FJ64GB004 | (ISP-ext. VDD) | (138)        |
| Microchip | PIC24FJ64GB004 | [QFN44]        | (646)        |
| Microchip | PIC24FJ64GB004 | [TQFP44]       | (94)         |
| Microchip | PIC24FJ64GB106 | (ISP)          | (138)        |
| Microchip | PIC24FJ64GB106 | (ISP-ext. VDD) | (138)        |
| Microchip | PIC24FJ64GB106 | [QFN64]        | (1458)       |
| Microchip | PIC24FJ64GB106 | [TQFP64]       | (691)        |
| Microchip | PIC24FJ64GB108 | (ISP)          | (138)        |
| Microchip | PIC24FJ64GB108 | (ISP-ext. VDD) | (138)        |
| Microchip | PIC24FJ64GB108 | [TQFP80]       | (719)        |
| Microchip | PIC24FJ64GB110 | (ISP)          | (138)        |
| Microchip | PIC24FJ64GB110 | (ISP-ext. VDD) | (138)        |
| Microchip | PIC24FJ64GB110 | [QFP100-1]     | (973)        |
| Microchip | PIC24FJ64GB110 | [QFP100-2]     | (1465)       |
| Microchip | PIC24FJ64GB202 | (ISP)          | (2589)       |
| Microchip | PIC24FJ64GB202 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GB202 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GB202 | [QFN28]        | (2594)       |
| Microchip | PIC24FJ64GB202 | [SOIC28]       | (2593)       |
| Microchip | PIC24FJ64GB202 | [SSOP28]       | (2591)       |
| Microchip | PIC24FJ64GB204 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GB204 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GB204 | [QFN44]        | (2595)       |
| Microchip | PIC24FJ64GB204 | [TQFP44]       | (2596)       |
| Microchip | PIC24FJ64GB406 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GB406 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GB406 | [QFN64]        | (1458)       |
| Microchip | PIC24FJ64GB406 | [TQFP64]       | (691)        |
| Microchip | PIC24FJ64GB410 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GB410 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GB410 | [QFP100-1]     | (973)        |
| Microchip | PIC24FJ64GB412 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GB412 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GB412 | [XBGA121]      | (1467)       |
| Microchip | PIC24FJ64GC006 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GC006 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GC006 | [QFN64]        | (1458)       |
| Microchip | PIC24FJ64GC006 | [TQFP64]       | (691)        |
| Microchip | PIC24FJ64GC008 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GC008 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GC008 | [TQFP80]       | (719)        |
| Microchip | PIC24FJ64GC010 | (ISP)          | (138) (9997) |
| Microchip | PIC24FJ64GC010 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FJ64GC010 | [QFP100-1]     | (973)        |
| Microchip | PIC24FJ64GC010 | [XBGA121]      | (1467)       |
| Microchip | PIC24FJ96GA006 | (ISP)          | (138)        |
| Microchip | PIC24FJ96GA006 | (ISP-ext. VDD) | (138)        |
| Microchip | PIC24FJ96GA006 | [QFN64]        | (1458)       |
| Microchip | PIC24FJ96GA006 | [TQFP64]       | (691)        |
| Microchip | PIC24FJ96GA008 | (ISP)          | (138)        |
| Microchip | PIC24FJ96GA008 | (ISP-ext. VDD) | (138)        |
| Microchip | PIC24FJ96GA008 | [TQFP80]       | (719)        |
| Microchip | PIC24FJ96GA010 | (ISP)          | (138)        |
| Microchip | PIC24FJ96GA010 | (ISP-ext. VDD) | (138)        |
| Microchip | PIC24FJ96GA010 | [QFP100-1]     | (973)        |
| Microchip | PIC24FJ96GA010 | [QFP100-2]     | (1465)       |
| Microchip | PIC24FV08KM101 | (ISP)          | (2589)       |
| Microchip | PIC24FV08KM101 | (ISP)          | (138) (9997) |
| Microchip | PIC24FV08KM101 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FV08KM101 | [SOIC20]       | (2592)       |
| Microchip | PIC24FV08KM101 | [SSOP20]       | (2590)       |
| Microchip | PIC24FV08KM102 | (ISP)          | (2589)       |
| Microchip | PIC24FV08KM102 | (ISP)          | (138) (9997) |
| Microchip | PIC24FV08KM102 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FV08KM102 | [QFN28]        | (2594)       |
| Microchip | PIC24FV08KM102 | [SOIC28]       | (2593)       |
| Microchip | PIC24FV08KM102 | [SSOP28]       | (2591)       |
| Microchip | PIC24FV08KM202 | (ISP)          | (2589)       |
| Microchip | PIC24FV08KM202 | (ISP)          | (138) (9997) |
| Microchip | PIC24FV08KM202 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FV08KM202 | [QFN28]        | (2594)       |
| Microchip | PIC24FV08KM202 | [SOIC28]       | (2593)       |
| Microchip | PIC24FV08KM202 | [SSOP28]       | (2591)       |
| Microchip | PIC24FV08KM204 | (ISP)          | (138) (9997) |
| Microchip | PIC24FV08KM204 | (ISP-ext. VDD) | (138) (9997) |
| Microchip | PIC24FV08KM204 | [QFN44]        | (2595)       |
| Microchip | PIC24FV08KM204 | [TQFP44]       | (2596)       |
| Microchip | PIC24FV08KM204 | [UQFN48]       | (2597)       |
| Microchip | PIC24FV16KA301 | (ISP)          | (2589)       |
| Microchip | PIC24FV16KA301 | (ISP)          | (138)        |
| Microchip | PIC24FV16KA301 | (ISP-ext. VDD) | (138)        |
| Microchip | PIC24FV16KA301 | [SOIC20]       | (2592)       |
| Microchip | PIC24FV16KA301 | [SSOP20]       | (2590)       |

|           |                                 |              |
|-----------|---------------------------------|--------------|
| Microchip | PIC24FV16KA302                  | (2589)       |
| Microchip | PIC24FV16KA302 (ISP)            | (138)        |
| Microchip | PIC24FV16KA302 (ISP-ext. VDD)   | (138)        |
| Microchip | PIC24FV16KA302 [QFN28]          | (2594)       |
| Microchip | PIC24FV16KA302 [SOIC28]         | (2593)       |
| Microchip | PIC24FV16KA302 [SSOP28]         | (2591)       |
| Microchip | PIC24FV16KA304 (ISP)            | (138)        |
| Microchip | PIC24FV16KA304 (ISP-ext. VDD)   | (138)        |
| Microchip | PIC24FV16KA304 [QFN44]          | (2595)       |
| Microchip | PIC24FV16KA304 [TQFP44]         | (2596)       |
| Microchip | PIC24FV16KA304 [uQFN48]         | (2597)       |
| Microchip | PIC24FV16KM102                  | (2589)       |
| Microchip | PIC24FV16KM102 (ISP)            | (138) (9997) |
| Microchip | PIC24FV16KM102 (ISP-ext. VDD)   | (138) (9997) |
| Microchip | PIC24FV16KM102 [QFN28]          | (2594)       |
| Microchip | PIC24FV16KM102 [SOIC28]         | (2593)       |
| Microchip | PIC24FV16KM102 [SSOP28]         | (2591)       |
| Microchip | PIC24FV16KM104 (ISP)            | (138) (9997) |
| Microchip | PIC24FV16KM104 (ISP-ext. VDD)   | (138) (9997) |
| Microchip | PIC24FV16KM104 [QFN44]          | (2595)       |
| Microchip | PIC24FV16KM104 [TQFP44]         | (2596)       |
| Microchip | PIC24FV16KM104 [uQFN48]         | (2597)       |
| Microchip | PIC24FV16KM202                  | (2589)       |
| Microchip | PIC24FV16KM202 (ISP)            | (138) (9997) |
| Microchip | PIC24FV16KM202 (ISP-ext. VDD)   | (138) (9997) |
| Microchip | PIC24FV16KM202 [QFN28]          | (2594)       |
| Microchip | PIC24FV16KM202 [SOIC28]         | (2593)       |
| Microchip | PIC24FV16KM202 [SSOP28]         | (2591)       |
| Microchip | PIC24FV16KM204 (ISP)            | (138) (9997) |
| Microchip | PIC24FV16KM204 (ISP-ext. VDD)   | (138) (9997) |
| Microchip | PIC24FV16KM204 [QFN44]          | (2595)       |
| Microchip | PIC24FV16KM204 [TQFP44]         | (2596)       |
| Microchip | PIC24FV16KM204 [uQFN48]         | (2597)       |
| Microchip | PIC24FV32KA301                  | (2589)       |
| Microchip | PIC24FV32KA301 (ISP)            | (138)        |
| Microchip | PIC24FV32KA301 (ISP-ext. VDD)   | (138)        |
| Microchip | PIC24FV32KA301 [SOIC20]         | (2592)       |
| Microchip | PIC24FV32KA301 [SSOP20]         | (2590)       |
| Microchip | PIC24FV32KA302                  | (2589)       |
| Microchip | PIC24FV32KA302 (ISP)            | (138)        |
| Microchip | PIC24FV32KA302 (ISP-ext. VDD)   | (138)        |
| Microchip | PIC24FV32KA302 [QFN28]          | (2594)       |
| Microchip | PIC24FV32KA302 [SOIC28]         | (2593)       |
| Microchip | PIC24FV32KA302 [SSOP28]         | (2591)       |
| Microchip | PIC24FV32KA304 (ISP)            | (138)        |
| Microchip | PIC24FV32KA304 (ISP-ext. VDD)   | (138)        |
| Microchip | PIC24FV32KA304 [QFN44]          | (2595)       |
| Microchip | PIC24FV32KA304 [TQFP44]         | (2596)       |
| Microchip | PIC24FV32KA304 [uQFN48]         | (2597)       |
| Microchip | PIC24HJ128GP202                 | (3374)       |
| Microchip | PIC24HJ128GP202 (ISP)           | (138)        |
| Microchip | PIC24HJ128GP202 (ISP-ext. VDD)  | (138)        |
| Microchip | PIC24HJ128GP202 [QFN-S28]       | (3378)       |
| Microchip | PIC24HJ128GP202 [SOIC28]        | (3342)       |
| Microchip | PIC24HJ128GP204 (ISP)           | (138)        |
| Microchip | PIC24HJ128GP204 (ISP-ext. VDD)  | (138)        |
| Microchip | PIC24HJ128GP204 [QFN44]         | (3381)       |
| Microchip | PIC24HJ128GP204 [TQFP44]        | (3375)       |
| Microchip | PIC24HJ128GP206 (ISP)           | (138)        |
| Microchip | PIC24HJ128GP206 (ISP-ext. VDD)  | (138)        |
| Microchip | PIC24HJ128GP206 [TQFP64]        | (691)        |
| Microchip | PIC24HJ128GP206A (ISP)          | (138)        |
| Microchip | PIC24HJ128GP206A (ISP-ext. VDD) | (138)        |
| Microchip | PIC24HJ128GP206A [QFN64]        | (1458)       |
| Microchip | PIC24HJ128GP206A [TQFP64]       | (691)        |
| Microchip | PIC24HJ128GP210 (ISP)           | (138)        |
| Microchip | PIC24HJ128GP210 (ISP-ext. VDD)  | (138)        |
| Microchip | PIC24HJ128GP210 [QFP100-1]      | (973)        |
| Microchip | PIC24HJ128GP210 [QFP100-2]      | (1465)       |
| Microchip | PIC24HJ128GP210A (ISP)          | (138)        |
| Microchip | PIC24HJ128GP210A (ISP-ext. VDD) | (138)        |
| Microchip | PIC24HJ128GP210A [QFP100-1]     | (973)        |
| Microchip | PIC24HJ128GP210A [QFP100-2]     | (1465)       |
| Microchip | PIC24HJ128GP306 (ISP)           | (138)        |
| Microchip | PIC24HJ128GP306 (ISP-ext. VDD)  | (138)        |
| Microchip | PIC24HJ128GP306 [TQFP64]        | (691)        |
| Microchip | PIC24HJ128GP306A (ISP)          | (138)        |
| Microchip | PIC24HJ128GP306A (ISP-ext. VDD) | (138)        |
| Microchip | PIC24HJ128GP306A [QFN64]        | (1458)       |
| Microchip | PIC24HJ128GP306A [TQFP64]       | (691)        |
| Microchip | PIC24HJ128GP310 (ISP)           | (138)        |
| Microchip | PIC24HJ128GP310 (ISP-ext. VDD)  | (138)        |
| Microchip | PIC24HJ128GP310 [QFP100-1]      | (973)        |
| Microchip | PIC24HJ128GP310 [QFP100-2]      | (1465)       |
| Microchip | PIC24HJ128GP310A (ISP)          | (138)        |
| Microchip | PIC24HJ128GP310A (ISP-ext. VDD) | (138)        |
| Microchip | PIC24HJ128GP310A [QFP100-1]     | (973)        |
| Microchip | PIC24HJ128GP310A [QFP100-2]     | (1465)       |
| Microchip | PIC24HJ128GP502                 | (3374)       |
| Microchip | PIC24HJ128GP502 (ISP)           | (138)        |
| Microchip | PIC24HJ128GP502 (ISP-ext. VDD)  | (138)        |
| Microchip | PIC24HJ128GP502 [QFN-S28]       | (3378)       |
| Microchip | PIC24HJ128GP502 [SOIC28]        | (3342)       |
| Microchip | PIC24HJ128GP504 (ISP)           | (138)        |
| Microchip | PIC24HJ128GP504 (ISP-ext. VDD)  | (138)        |
| Microchip | PIC24HJ128GP504 [QFN44]         | (3381)       |
| Microchip | PIC24HJ128GP504 [TQFP44]        | (3375)       |
| Microchip | PIC24HJ128GP506 (ISP)           | (138)        |
| Microchip | PIC24HJ128GP506 (ISP-ext. VDD)  | (138)        |
| Microchip | PIC24HJ128GP506 [TQFP64]        | (691)        |
| Microchip | PIC24HJ128GP506A (ISP)          | (138)        |
| Microchip | PIC24HJ128GP506A (ISP-ext. VDD) | (138)        |
| Microchip | PIC24HJ128GP506A [QFN64]        | (1458)       |
| Microchip | PIC24HJ128GP506A [TQFP64]       | (691)        |
| Microchip | PIC24HJ128GP510 (ISP)           | (138)        |
| Microchip | PIC24HJ128GP510 (ISP-ext. VDD)  | (138)        |
| Microchip | PIC24HJ128GP510 [QFP100-1]      | (973)        |
| Microchip | PIC24HJ128GP510 [QFP100-2]      | (1465)       |
| Microchip | PIC24HJ128GP510A (ISP)          | (138)        |
| Microchip | PIC24HJ128GP510A (ISP-ext. VDD) | (138)        |
| Microchip | PIC24HJ128GP510A [QFP100-1]     | (973)        |
| Microchip | PIC24HJ128GP510A [QFP100-2]     | (1465)       |
| Microchip | PIC24HJ12GP201                  |              |
| Microchip | PIC24HJ12GP201 (ISP)            | (138)        |
| Microchip | PIC24HJ12GP201 (ISP-ext. VDD)   | (138)        |
| Microchip | PIC24HJ12GP201 [SOIC18]         | (1061)       |
| Microchip | PIC24HJ12GP202                  | (3374)       |
| Microchip | PIC24HJ12GP202 (ISP)            | (138)        |
| Microchip | PIC24HJ12GP202 (ISP-ext. VDD)   | (138)        |
| Microchip | PIC24HJ12GP202 [QFN28]          | (3378)       |
| Microchip | PIC24HJ12GP202 [SOIC28]         | (3342)       |
| Microchip | PIC24HJ12GP202 [SSOP28]         | (3373)       |
| Microchip | PIC24HJ16GP304 (ISP)            | (138)        |
| Microchip | PIC24HJ16GP304 (ISP-ext. VDD)   | (138)        |
| Microchip | PIC24HJ16GP304 [QFN44]          | (3381)       |
| Microchip | PIC24HJ16GP304 [TQFP44]         | (3375)       |
| Microchip | PIC24HJ256GP206 (ISP)           | (138)        |
| Microchip | PIC24HJ256GP206 (ISP-ext. VDD)  | (138)        |

|           |                   |                          |              |
|-----------|-------------------|--------------------------|--------------|
| Microchip | PIC24HJ256GP206   | [TQFP64]                 | (691)        |
| Microchip | PIC24HJ256GP206A  | (ISP)                    | (138)        |
| Microchip | PIC24HJ256GP206A  | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ256GP206A  | [QFN64]                  | (1458)       |
| Microchip | PIC24HJ256GP206A  | [TQFP64]                 | (691)        |
| Microchip | PIC24HJ256GP210   | (ISP)                    | (138)        |
| Microchip | PIC24HJ256GP210   | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ256GP210   | [QFP100-1]               | (973)        |
| Microchip | PIC24HJ256GP210   | [QFP100-2]               | (1465)       |
| Microchip | PIC24HJ256GP210A  | (ISP)                    | (138)        |
| Microchip | PIC24HJ256GP210A  | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ256GP210A  | [QFP100-1]               | (973)        |
| Microchip | PIC24HJ256GP210A  | [QFP100-2]               | (1465)       |
| Microchip | PIC24HJ256GP610   | (ISP)                    | (138)        |
| Microchip | PIC24HJ256GP610   | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ256GP610   | [QFP100-1]               | (973)        |
| Microchip | PIC24HJ256GP610   | [QFP100-2]               | (1465)       |
| Microchip | PIC24HJ256GP610A  | (ISP)                    | (138)        |
| Microchip | PIC24HJ256GP610A  | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ256GP610A  | [QFP100-1]               | (973)        |
| Microchip | PIC24HJ256GP610A  | [QFP100-2]               | (1465)       |
| Microchip | PIC24HJ32GP202    | (ISP)                    | (3374)       |
| Microchip | PIC24HJ32GP202    | (ISP)                    | (138)        |
| Microchip | PIC24HJ32GP202    | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ32GP202    | [QFN-S28]                | (3378)       |
| Microchip | PIC24HJ32GP202    | [SOIC28]                 | (3342)       |
| Microchip | PIC24HJ32GP202    | [SSOP28]                 | (3373)       |
| Microchip | PIC24HJ32GP204    | (ISP)                    | (138)        |
| Microchip | PIC24HJ32GP204    | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ32GP204    | [QFN44]                  | (3381)       |
| Microchip | PIC24HJ32GP204    | [TQFP44]                 | (3375)       |
| Microchip | PIC24HJ32GP302    | (ISP)                    | (3374)       |
| Microchip | PIC24HJ32GP302    | (ISP)                    | (138)        |
| Microchip | PIC24HJ32GP302    | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ32GP302    | [QFN-S28]                | (3378)       |
| Microchip | PIC24HJ32GP302    | [SOIC28]                 | (3342)       |
| Microchip | PIC24HJ32GP304    | (ISP)                    | (138)        |
| Microchip | PIC24HJ32GP304    | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ32GP304    | [QFN44]                  | (3381)       |
| Microchip | PIC24HJ32GP304    | [TQFP44]                 | (3375)       |
| Microchip | PIC24HJ64GP202    | (ISP)                    | (3374)       |
| Microchip | PIC24HJ64GP202    | (ISP)                    | (138)        |
| Microchip | PIC24HJ64GP202    | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ64GP202    | [QFN-S28]                | (3378)       |
| Microchip | PIC24HJ64GP202    | [SOIC28]                 | (3342)       |
| Microchip | PIC24HJ64GP204    | (ISP)                    | (138)        |
| Microchip | PIC24HJ64GP204    | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ64GP204    | [QFN44]                  | (3381)       |
| Microchip | PIC24HJ64GP204    | [TQFP44]                 | (3375)       |
| Microchip | PIC24HJ64GP206    | (ISP)                    | (138)        |
| Microchip | PIC24HJ64GP206    | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ64GP206    | [TQFP64]                 | (691)        |
| Microchip | PIC24HJ64GP206A   | (ISP)                    | (138)        |
| Microchip | PIC24HJ64GP206A   | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ64GP206A   | [QFN64]                  | (1458)       |
| Microchip | PIC24HJ64GP206A   | [TQFP64]                 | (691)        |
| Microchip | PIC24HJ64GP210    | (ISP)                    | (138)        |
| Microchip | PIC24HJ64GP210    | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ64GP210    | [QFP100-1]               | (973)        |
| Microchip | PIC24HJ64GP210    | [QFP100-2]               | (1465)       |
| Microchip | PIC24HJ64GP210A   | (ISP)                    | (138)        |
| Microchip | PIC24HJ64GP210A   | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ64GP210A   | [QFP100-1]               | (973)        |
| Microchip | PIC24HJ64GP210A   | [QFP100-2]               | (1465)       |
| Microchip | PIC24HJ64GP502    | (ISP)                    | (3374)       |
| Microchip | PIC24HJ64GP502    | (ISP)                    | (138)        |
| Microchip | PIC24HJ64GP502    | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ64GP502    | [QFN-S28]                | (3378)       |
| Microchip | PIC24HJ64GP502    | [SOIC28]                 | (3342)       |
| Microchip | PIC24HJ64GP504    | (ISP)                    | (138)        |
| Microchip | PIC24HJ64GP504    | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ64GP504    | [QFN44]                  | (3381)       |
| Microchip | PIC24HJ64GP504    | [TQFP44]                 | (3375)       |
| Microchip | PIC24HJ64GP506    | (ISP)                    | (138)        |
| Microchip | PIC24HJ64GP506    | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ64GP506    | [TQFP64]                 | (691)        |
| Microchip | PIC24HJ64GP506A   | (ISP)                    | (138)        |
| Microchip | PIC24HJ64GP506A   | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ64GP506A   | [QFN64]                  | (1458)       |
| Microchip | PIC24HJ64GP506A   | [TQFP64]                 | (691)        |
| Microchip | PIC24HJ64GP510    | (ISP)                    | (138)        |
| Microchip | PIC24HJ64GP510    | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ64GP510    | [QFP100-1]               | (973)        |
| Microchip | PIC24HJ64GP510    | [QFP100-2]               | (1465)       |
| Microchip | PIC24HJ64GP510A   | (ISP)                    | (138)        |
| Microchip | PIC24HJ64GP510A   | (ISP-ext.VDD)            | (138)        |
| Microchip | PIC24HJ64GP510A   | [QFP100-1]               | (973)        |
| Microchip | PIC24HJ64GP510A   | [QFP100-2]               | (1465)       |
| Microchip | PIC32MK0512GPD064 | (ISP-2wire JTAG)         | (138) (9997) |
| Microchip | PIC32MK0512GPD064 | (ISP-2wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MK0512GPD064 | (ISP-4wire JTAG)         | (138) (9997) |
| Microchip | PIC32MK0512GPD064 | (ISP-4wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MK0512GPD064 | [QFN64] (2wire JTAG)     | (4578)       |
| Microchip | PIC32MK0512GPD064 | [QFN64] (4wire JTAG)     | (4578)       |
| Microchip | PIC32MK0512GPD064 | [TQFP64] (2wire JTAG)    | (4575)       |
| Microchip | PIC32MK0512GPD064 | [TQFP64] (4wire JTAG)    | (4575)       |
| Microchip | PIC32MK0512GPD100 | (ISP-2wire JTAG)         | (138) (9997) |
| Microchip | PIC32MK0512GPD100 | (ISP-2wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MK0512GPD100 | (ISP-4wire JTAG)         | (138) (9997) |
| Microchip | PIC32MK0512GPD100 | (ISP-4wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MK0512GPD100 | [TQFP100-2] (2wire JTAG) | (4592)       |
| Microchip | PIC32MK0512GPD100 | [TQFP100-2] (4wire JTAG) | (4592)       |
| Microchip | PIC32MK0512GPE064 | (ISP-2wire JTAG)         | (138) (9997) |
| Microchip | PIC32MK0512GPE064 | (ISP-2wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MK0512GPE064 | (ISP-4wire JTAG)         | (138) (9997) |
| Microchip | PIC32MK0512GPE064 | (ISP-4wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MK0512GPE064 | [QFN64] (2wire JTAG)     | (4578)       |
| Microchip | PIC32MK0512GPE064 | [QFN64] (4wire JTAG)     | (4578)       |
| Microchip | PIC32MK0512GPE064 | [TQFP64] (2wire JTAG)    | (4575)       |
| Microchip | PIC32MK0512GPE064 | [TQFP64] (4wire JTAG)    | (4575)       |
| Microchip | PIC32MK0512GPE100 | (ISP-2wire JTAG)         | (138) (9997) |
| Microchip | PIC32MK0512GPE100 | (ISP-2wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MK0512GPE100 | (ISP-4wire JTAG)         | (138) (9997) |
| Microchip | PIC32MK0512GPE100 | (ISP-4wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MK0512GPE100 | [TQFP100-2] (2wire JTAG) | (4592)       |
| Microchip | PIC32MK0512GPE100 | [TQFP100-2] (4wire JTAG) | (4592)       |
| Microchip | PIC32MK0512MCF064 | (ISP-2wire JTAG)         | (138) (9997) |
| Microchip | PIC32MK0512MCF064 | (ISP-2wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MK0512MCF064 | (ISP-4wire JTAG)         | (138) (9997) |
| Microchip | PIC32MK0512MCF064 | (ISP-4wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MK0512MCF064 | [QFN64] (2wire JTAG)     | (4578)       |
| Microchip | PIC32MK0512MCF064 | [QFN64] (4wire JTAG)     | (4578)       |
| Microchip | PIC32MK0512MCF064 | [TQFP64] (2wire JTAG)    | (4575)       |
| Microchip | PIC32MK0512MCF064 | [TQFP64] (4wire JTAG)    | (4575)       |
| Microchip | PIC32MK0512MCF100 | (ISP-2wire JTAG)         | (138) (9997) |
| Microchip | PIC32MK0512MCF100 | (ISP-2wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MK0512MCF100 | (ISP-4wire JTAG)         | (138) (9997) |
| Microchip | PIC32MK0512MCF100 | (ISP-4wire JTAG-ext.VDD) | (138) (9997) |

|           |                   |                          |              |        |
|-----------|-------------------|--------------------------|--------------|--------|
| Microchip | PIC32MK0512MCF100 | [TQFP100-2]              | (2wire JTAG) | (4592) |
| Microchip | PIC32MK0512MCF100 | [TQFP100-2]              | (4wire JTAG) | (4592) |
| Microchip | PIC32MK1024CPD064 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MK1024CPD064 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MK1024CPD064 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MK1024CPD064 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MK1024CPD064 | (QFN64)                  | (2wire JTAG) | (4578) |
| Microchip | PIC32MK1024CPD064 | (QFN64)                  | (4wire JTAG) | (4578) |
| Microchip | PIC32MK1024CPD064 | (TQFP64)                 | (2wire JTAG) | (4575) |
| Microchip | PIC32MK1024CPD064 | (TQFP64)                 | (4wire JTAG) | (4575) |
| Microchip | PIC32MK1024CPD100 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MK1024CPD100 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MK1024CPD100 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MK1024CPD100 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MK1024CPD100 | [TQFP100-2]              | (2wire JTAG) | (4592) |
| Microchip | PIC32MK1024CPD100 | [TQFP100-2]              | (4wire JTAG) | (4592) |
| Microchip | PIC32MK1024CPE064 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MK1024CPE064 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MK1024CPE064 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MK1024CPE064 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MK1024CPE064 | (QFN64)                  | (2wire JTAG) | (4578) |
| Microchip | PIC32MK1024CPE064 | (QFN64)                  | (4wire JTAG) | (4578) |
| Microchip | PIC32MK1024CPE064 | (TQFP64)                 | (2wire JTAG) | (4575) |
| Microchip | PIC32MK1024CPE064 | (TQFP64)                 | (4wire JTAG) | (4575) |
| Microchip | PIC32MK1024CPE100 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MK1024CPE100 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MK1024CPE100 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MK1024CPE100 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MK1024CPE100 | [TQFP100-2]              | (2wire JTAG) | (4592) |
| Microchip | PIC32MK1024CPE100 | [TQFP100-2]              | (4wire JTAG) | (4592) |
| Microchip | PIC32MK1024MCF064 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MK1024MCF064 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MK1024MCF064 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MK1024MCF064 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MK1024MCF064 | (QFN64)                  | (2wire JTAG) | (4578) |
| Microchip | PIC32MK1024MCF064 | (QFN64)                  | (4wire JTAG) | (4578) |
| Microchip | PIC32MK1024MCF064 | (TQFP64)                 | (2wire JTAG) | (4575) |
| Microchip | PIC32MK1024MCF064 | (TQFP64)                 | (4wire JTAG) | (4575) |
| Microchip | PIC32MK1024MCF100 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MK1024MCF100 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MK1024MCF100 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MK1024MCF100 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MK1024MCF100 | [TQFP100-2]              | (2wire JTAG) | (4592) |
| Microchip | PIC32MK1024MCF100 | [TQFP100-2]              | (4wire JTAG) | (4592) |
| Microchip | PIC32MM0016GPL020 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0016GPL020 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0016GPL020 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0016GPL020 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0016GPL020 | (QFN20)                  | (2wire JTAG) | (4102) |
| Microchip | PIC32MM0016GPL020 | (QFN20)                  | (4wire JTAG) | (4102) |
| Microchip | PIC32MM0016GPL020 | [SSOP20]                 | (2wire JTAG) | (2590) |
| Microchip | PIC32MM0016GPL020 | [SSOP20]                 | (4wire JTAG) | (2590) |
| Microchip | PIC32MM0016GPL028 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0016GPL028 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0016GPL028 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0016GPL028 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0016GPL028 | (QFN28)                  | (2wire JTAG) | (2594) |
| Microchip | PIC32MM0016GPL028 | (QFN28)                  | (4wire JTAG) | (2594) |
| Microchip | PIC32MM0016GPL028 | [SOIC28]                 | (2wire JTAG) | (2593) |
| Microchip | PIC32MM0016GPL028 | [SOIC28]                 | (4wire JTAG) | (2593) |
| Microchip | PIC32MM0016GPL028 | [SSOP28]                 | (2wire JTAG) | (2591) |
| Microchip | PIC32MM0016GPL028 | [SSOP28]                 | (4wire JTAG) | (2591) |
| Microchip | PIC32MM0016GPL028 | [UQFN28]                 | (2wire JTAG) | (3641) |
| Microchip | PIC32MM0016GPL028 | [UQFN28]                 | (4wire JTAG) | (3641) |
| Microchip | PIC32MM0016GPL036 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0016GPL036 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0016GPL036 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0016GPL036 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0016GPL036 | [UQFN40]                 | (2wire JTAG) | (4106) |
| Microchip | PIC32MM0016GPL036 | [UQFN40]                 | (4wire JTAG) | (4106) |
| Microchip | PIC32MM0016GPL036 | [VQFN36]                 | (2wire JTAG) | (4109) |
| Microchip | PIC32MM0016GPL036 | [VQFN36]                 | (4wire JTAG) | (4109) |
| Microchip | PIC32MM0032GPL020 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0032GPL020 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0032GPL020 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0032GPL020 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0032GPL020 | (QFN20)                  | (2wire JTAG) | (4102) |
| Microchip | PIC32MM0032GPL020 | (QFN20)                  | (4wire JTAG) | (4102) |
| Microchip | PIC32MM0032GPL020 | [SSOP20]                 | (2wire JTAG) | (2590) |
| Microchip | PIC32MM0032GPL020 | [SSOP20]                 | (4wire JTAG) | (2590) |
| Microchip | PIC32MM0032GPL028 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0032GPL028 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0032GPL028 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0032GPL028 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0032GPL028 | (QFN28)                  | (2wire JTAG) | (2594) |
| Microchip | PIC32MM0032GPL028 | (QFN28)                  | (4wire JTAG) | (2594) |
| Microchip | PIC32MM0032GPL028 | [SOIC28]                 | (2wire JTAG) | (2593) |
| Microchip | PIC32MM0032GPL028 | [SOIC28]                 | (4wire JTAG) | (2593) |
| Microchip | PIC32MM0032GPL028 | [SSOP28]                 | (2wire JTAG) | (2591) |
| Microchip | PIC32MM0032GPL028 | [SSOP28]                 | (4wire JTAG) | (2591) |
| Microchip | PIC32MM0032GPL028 | [UQFN28]                 | (2wire JTAG) | (3641) |
| Microchip | PIC32MM0032GPL028 | [UQFN28]                 | (4wire JTAG) | (3641) |
| Microchip | PIC32MM0032GPL036 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0032GPL036 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0032GPL036 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0032GPL036 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0032GPL036 | [UQFN40]                 | (2wire JTAG) | (4106) |
| Microchip | PIC32MM0032GPL036 | [UQFN40]                 | (4wire JTAG) | (4106) |
| Microchip | PIC32MM0032GPL036 | [VQFN36]                 | (2wire JTAG) | (4109) |
| Microchip | PIC32MM0032GPL036 | [VQFN36]                 | (4wire JTAG) | (4109) |
| Microchip | PIC32MM0064GPL020 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0064GPL020 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0064GPL020 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0064GPL020 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0064GPL020 | (QFN20)                  | (2wire JTAG) | (4102) |
| Microchip | PIC32MM0064GPL020 | (QFN20)                  | (4wire JTAG) | (4102) |
| Microchip | PIC32MM0064GPL020 | [SSOP20]                 | (2wire JTAG) | (2590) |
| Microchip | PIC32MM0064GPL020 | [SSOP20]                 | (4wire JTAG) | (2590) |
| Microchip | PIC32MM0064GPL028 | (2wire JTAG)             |              | (2589) |
| Microchip | PIC32MM0064GPL028 | (4wire JTAG)             |              | (2589) |
| Microchip | PIC32MM0064GPL028 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0064GPL028 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0064GPL028 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0064GPL028 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0064GPL028 | (QFN28)                  | (2wire JTAG) | (2594) |
| Microchip | PIC32MM0064GPL028 | (QFN28)                  | (4wire JTAG) | (2594) |
| Microchip | PIC32MM0064GPL028 | [SOIC28]                 | (2wire JTAG) | (2593) |
| Microchip | PIC32MM0064GPL028 | [SOIC28]                 | (4wire JTAG) | (2593) |
| Microchip | PIC32MM0064GPL028 | [SSOP28]                 | (2wire JTAG) | (2591) |
| Microchip | PIC32MM0064GPL028 | [SSOP28]                 | (4wire JTAG) | (2591) |
| Microchip | PIC32MM0064GPL028 | [UQFN28]                 | (2wire JTAG) | (3641) |
| Microchip | PIC32MM0064GPL028 | [UQFN28]                 | (4wire JTAG) | (3641) |
| Microchip | PIC32MM0064GPL036 | (ISP-2wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0064GPL036 | (ISP-2wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0064GPL036 | (ISP-4wire JTAG)         |              | (138)  |
| Microchip | PIC32MM0064GPL036 | (ISP-4wire JTAG-ext.VDD) |              | (9997) |
| Microchip | PIC32MM0064GPL036 | [UQFN40]                 | (2wire JTAG) | (4106) |
| Microchip | PIC32MM0064GPL036 | [UQFN40]                 | (4wire JTAG) | (4106) |



[illegible]

|           |                 |                              |              |
|-----------|-----------------|------------------------------|--------------|
| Microchip | PIC32MX150F128D | [QFN44] (2wire JTAG)         | (2595)       |
| Microchip | PIC32MX150F128D | [QFN44] (4wire JTAG)         | (2595)       |
| Microchip | PIC32MX150F128D | [TQFP44] (2wire JTAG)        | (2596)       |
| Microchip | PIC32MX150F128D | [TQFP44] (4wire JTAG)        | (2596)       |
| Microchip | PIC32MX150F128D | [VTLA44] (2wire JTAG)        | (3431)       |
| Microchip | PIC32MX150F128D | [VTLA44] (4wire JTAG)        | (3431)       |
| Microchip | PIC32MX150F256H | (ISP-2wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX150F256H | (ISP-2wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX150F256H | (ISP-4wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX150F256H | (ISP-4wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX150F256H | [QFN64] (2wire JTAG)         | (1458)       |
| Microchip | PIC32MX150F256H | [QFN64] (4wire JTAG)         | (1458)       |
| Microchip | PIC32MX150F256H | [TQFP64] (2wire JTAG)        | (1178)       |
| Microchip | PIC32MX150F256H | [TQFP64] (4wire JTAG)        | (1178)       |
| Microchip | PIC32MX150F256L | (ISP-2wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX150F256L | (ISP-2wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX150F256L | (ISP-4wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX150F256L | (ISP-4wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX150F256L | [TQFP100 12x12] (2wire JTAG) | (973)        |
| Microchip | PIC32MX150F256L | [TQFP100 12x12] (4wire JTAG) | (973)        |
| Microchip | PIC32MX150F256L | [TQFP100 14x14] (2wire JTAG) | (1465)       |
| Microchip | PIC32MX150F256L | [TQFP100 14x14] (4wire JTAG) | (1465)       |
| Microchip | PIC32MX170F256B | (2wire JTAG)                 | (2589)       |
| Microchip | PIC32MX170F256B | (4wire JTAG)                 | (2589)       |
| Microchip | PIC32MX170F256B | (ISP-2wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX170F256B | (ISP-2wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX170F256B | (ISP-4wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX170F256B | (ISP-4wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX170F256B | [QFN28] (2wire JTAG)         | (2594)       |
| Microchip | PIC32MX170F256B | [QFN28] (4wire JTAG)         | (2594)       |
| Microchip | PIC32MX170F256B | [SOIC28] (2wire JTAG)        | (2593)       |
| Microchip | PIC32MX170F256B | [SOIC28] (4wire JTAG)        | (2593)       |
| Microchip | PIC32MX170F256B | [SSOP28] (2wire JTAG)        | (2591)       |
| Microchip | PIC32MX170F256B | [SSOP28] (4wire JTAG)        | (2591)       |
| Microchip | PIC32MX170F256D | (ISP-2wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX170F256D | (ISP-2wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX170F256D | (ISP-4wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX170F256D | (ISP-4wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX170F256D | [QFN44] (2wire JTAG)         | (2595)       |
| Microchip | PIC32MX170F256D | [QFN44] (4wire JTAG)         | (2595)       |
| Microchip | PIC32MX170F256D | [TQFP44] (2wire JTAG)        | (2596)       |
| Microchip | PIC32MX170F256D | [TQFP44] (4wire JTAG)        | (2596)       |
| Microchip | PIC32MX170F256D | [VTLA44] (2wire JTAG)        | (3431)       |
| Microchip | PIC32MX170F256D | [VTLA44] (4wire JTAG)        | (3431)       |
| Microchip | PIC32MX170F512H | (ISP-2wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX170F512H | (ISP-2wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX170F512H | (ISP-4wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX170F512H | (ISP-4wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX170F512H | [QFN64] (2wire JTAG)         | (1458)       |
| Microchip | PIC32MX170F512H | [QFN64] (4wire JTAG)         | (1458)       |
| Microchip | PIC32MX170F512H | [TQFP64] (2wire JTAG)        | (1178)       |
| Microchip | PIC32MX170F512H | [TQFP64] (4wire JTAG)        | (1178)       |
| Microchip | PIC32MX170F512L | (ISP-2wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX170F512L | (ISP-2wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX170F512L | (ISP-4wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX170F512L | (ISP-4wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX170F512L | [TQFP100 12x12] (2wire JTAG) | (973)        |
| Microchip | PIC32MX170F512L | [TQFP100 12x12] (4wire JTAG) | (973)        |
| Microchip | PIC32MX170F512L | [TQFP100 14x14] (2wire JTAG) | (1465)       |
| Microchip | PIC32MX170F512L | [TQFP100 14x14] (4wire JTAG) | (1465)       |
| Microchip | PIC32MX210F016B | (2wire JTAG)                 | (2589)       |
| Microchip | PIC32MX210F016B | (4wire JTAG)                 | (2589)       |
| Microchip | PIC32MX210F016B | (ISP-2wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX210F016B | (ISP-2wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX210F016B | (ISP-4wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX210F016B | (ISP-4wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX210F016B | [QFN28] (2wire JTAG)         | (2594)       |
| Microchip | PIC32MX210F016B | [QFN28] (4wire JTAG)         | (2594)       |
| Microchip | PIC32MX210F016B | [SOIC28] (2wire JTAG)        | (2593)       |
| Microchip | PIC32MX210F016B | [SOIC28] (4wire JTAG)        | (2593)       |
| Microchip | PIC32MX210F016B | [SSOP28] (2wire JTAG)        | (2591)       |
| Microchip | PIC32MX210F016B | [SSOP28] (4wire JTAG)        | (2591)       |
| Microchip | PIC32MX210F016C | (ISP-2wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX210F016C | (ISP-2wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX210F016C | (ISP-4wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX210F016C | (ISP-4wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX210F016C | [VTLA36] (2wire JTAG)        | (3430)       |
| Microchip | PIC32MX210F016C | [VTLA36] (4wire JTAG)        | (3430)       |
| Microchip | PIC32MX210F016D | (ISP-2wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX210F016D | (ISP-2wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX210F016D | (ISP-4wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX210F016D | (ISP-4wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX210F016D | [QFN44] (2wire JTAG)         | (2595)       |
| Microchip | PIC32MX210F016D | [QFN44] (4wire JTAG)         | (2595)       |
| Microchip | PIC32MX210F016D | [TQFP44] (2wire JTAG)        | (2596)       |
| Microchip | PIC32MX210F016D | [TQFP44] (4wire JTAG)        | (2596)       |
| Microchip | PIC32MX210F016D | [VTLA44] (2wire JTAG)        | (3431)       |
| Microchip | PIC32MX210F016D | [VTLA44] (4wire JTAG)        | (3431)       |
| Microchip | PIC32MX220F032B | (2wire JTAG)                 | (2589)       |
| Microchip | PIC32MX220F032B | (4wire JTAG)                 | (2589)       |
| Microchip | PIC32MX220F032B | (ISP-2wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX220F032B | (ISP-2wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX220F032B | (ISP-4wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX220F032B | (ISP-4wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX220F032B | [QFN28] (2wire JTAG)         | (2594)       |
| Microchip | PIC32MX220F032B | [QFN28] (4wire JTAG)         | (2594)       |
| Microchip | PIC32MX220F032B | [SOIC28] (2wire JTAG)        | (2593)       |
| Microchip | PIC32MX220F032B | [SOIC28] (4wire JTAG)        | (2593)       |
| Microchip | PIC32MX220F032B | [SSOP28] (2wire JTAG)        | (2591)       |
| Microchip | PIC32MX220F032B | [SSOP28] (4wire JTAG)        | (2591)       |
| Microchip | PIC32MX220F032C | (ISP-2wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX220F032C | (ISP-2wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX220F032C | (ISP-4wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX220F032C | (ISP-4wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX220F032C | [VTLA36] (2wire JTAG)        | (3430)       |
| Microchip | PIC32MX220F032C | [VTLA36] (4wire JTAG)        | (3430)       |
| Microchip | PIC32MX220F032D | (ISP-2wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX220F032D | (ISP-2wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX220F032D | (ISP-4wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX220F032D | (ISP-4wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX220F032D | [QFN44] (2wire JTAG)         | (2595)       |
| Microchip | PIC32MX220F032D | [QFN44] (4wire JTAG)         | (2595)       |
| Microchip | PIC32MX220F032D | [TQFP44] (2wire JTAG)        | (2596)       |
| Microchip | PIC32MX220F032D | [TQFP44] (4wire JTAG)        | (2596)       |
| Microchip | PIC32MX220F032D | [VTLA44] (2wire JTAG)        | (3431)       |
| Microchip | PIC32MX220F032D | [VTLA44] (4wire JTAG)        | (3431)       |
| Microchip | PIC32MX230F064B | (2wire JTAG)                 | (2589)       |
| Microchip | PIC32MX230F064B | (4wire JTAG)                 | (2589)       |
| Microchip | PIC32MX230F064B | (ISP-2wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX230F064B | (ISP-2wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX230F064B | (ISP-4wire JTAG)             | (138) (9997) |
| Microchip | PIC32MX230F064B | (ISP-4wire JTAG-ext.VDD)     | (138) (9997) |
| Microchip | PIC32MX230F064B | [QFN28] (2wire JTAG)         | (2594)       |
| Microchip | PIC32MX230F064B | [QFN28] (4wire JTAG)         | (2594)       |
| Microchip | PIC32MX230F064B | [SOIC28] (2wire JTAG)        | (2593)       |
| Microchip | PIC32MX230F064B | [SOIC28] (4wire JTAG)        | (2593)       |
| Microchip | PIC32MX230F064B | [SSOP28] (2wire JTAG)        | (2591)       |
| Microchip | PIC32MX230F064B | [SSOP28] (4wire JTAG)        | (2591)       |

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|           |                   |                          |              |
|-----------|-------------------|--------------------------|--------------|
| Microchip | PIC32MZ2048EFM064 | (ISP-4wire JTAG)         | (138) (9997) |
| Microchip | PIC32MZ2048EFM064 | (ISP-4wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MZ2048EFM064 | [QFN64] (2wire JTAG)     | (3369)       |
| Microchip | PIC32MZ2048EFM064 | [QFN64] (4wire JTAG)     | (3369)       |
| Microchip | PIC32MZ2048EFM064 | [TQFP64] (2wire JTAG)    | (3372)       |
| Microchip | PIC32MZ2048EFM064 | [TQFP64] (4wire JTAG)    | (3372)       |
| Microchip | PIC32MZ2048EFM100 | (ISP-2wire JTAG)         | (138) (9997) |
| Microchip | PIC32MZ2048EFM100 | (ISP-2wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MZ2048EFM100 | (ISP-4wire JTAG)         | (138) (9997) |
| Microchip | PIC32MZ2048EFM100 | (ISP-4wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MZ2048EFM100 | [TQFP100-1] (2wire JTAG) | (3368)       |
| Microchip | PIC32MZ2048EFM100 | [TQFP100-1] (4wire JTAG) | (3368)       |
| Microchip | PIC32MZ2048EFM100 | [TQFP100-2] (2wire JTAG) | (3325)       |
| Microchip | PIC32MZ2048EFM100 | [TQFP100-2] (4wire JTAG) | (3325)       |
| Microchip | PIC32MZ2048EFM124 | (ISP-2wire JTAG)         | (138) (9997) |
| Microchip | PIC32MZ2048EFM124 | (ISP-2wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MZ2048EFM124 | (ISP-4wire JTAG)         | (138) (9997) |
| Microchip | PIC32MZ2048EFM124 | (ISP-4wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MZ2048EFM124 | [VTLA124] (2wire JTAG)   | (3371)       |
| Microchip | PIC32MZ2048EFM124 | [VTLA124] (4wire JTAG)   | (3371)       |
| Microchip | PIC32MZ2048EFM144 | (ISP-2wire JTAG)         | (138) (9997) |
| Microchip | PIC32MZ2048EFM144 | (ISP-2wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MZ2048EFM144 | (ISP-4wire JTAG)         | (138) (9997) |
| Microchip | PIC32MZ2048EFM144 | (ISP-4wire JTAG-ext.VDD) | (138) (9997) |
| Microchip | PIC32MZ2048EFM144 | [LQFP144] (2wire JTAG)   | (3370)       |
| Microchip | PIC32MZ2048EFM144 | [LQFP144] (4wire JTAG)   | (3370)       |
| Microchip | PIC32MZ2048EFM144 | [TQFP144] (2wire JTAG)   | (3313)       |
| Microchip | PIC32MZ2048EFM144 | [TQFP144] (4wire JTAG)   | (3313)       |
| Microchip | rfPIC12C509AF     |                          |              |
| Microchip | rfPIC12C509AF     | (ISP)                    | (138)        |
| Microchip | rfPIC12C509AF     | [SSOP20]                 | (91)         |
| Microchip | rfPIC12C509AG     |                          |              |
| Microchip | rfPIC12C509AG     | (ISP)                    | (138)        |
| Microchip | rfPIC12C509AG     | [SOIC18]                 | (1061)       |
| Microchip | rfPIC12F675       | (ISP)                    | (138)        |
| Microchip | rfPIC12F675       | (ISP-ext.VDD)            | (138)        |
| Microchip | rfPIC12F675       | [SSOP20]                 | (91)         |
| Microchip | SST25PF040C       | [SOIC8]                  | (3095) (*1)  |
| Microchip | SST25WF020        | (ISP)                    | (138)        |
| Microchip | SST25WF020A       | (ISP)                    | (138)        |
| Microchip | SST25WF020A       | [SOIC8]                  | (3095) (*1)  |
| Microchip | SST25WF020A       | [USON8]                  | (3935) (*1)  |
| Microchip | SST25WF040        | (ISP)                    | (138)        |
| Microchip | SST25WF040B       | (ISP)                    | (138)        |
| Microchip | SST25WF040B       | [SOIC8]                  | (3095) (*1)  |
| Microchip | SST25WF040B       | [USON8]                  | (3935) (*1)  |
| Microchip | SST25WF080B       | (ISP)                    | (138)        |
| Microchip | SST25WF080B       | [SOIC8]                  | (3095) (*1)  |
| Microchip | SST25WF080B       | [USON8]                  | (3935) (*1)  |
| Microchip | SST26VF016B       | (ISP)                    | (138) (9997) |
| Microchip | SST26VF016B       | [SOIC8] (QuadSPI)        | (3088) (*1)  |
| Microchip | SST26VF016B       | [SOIC8-150] (QuadSPI)    | (3095) (*1)  |
| Microchip | SST26VF016B       | [WDFN8] (QuadSPI)        | (3097) (*1)  |
| Microchip | SST26VF016BA      | [SOIC8] (QuadSPI)        | (3088) (*1)  |
| Microchip | SST26VF016BA      | [WDFN8] (QuadSPI)        | (3097) (*1)  |
| Microchip | SST26VF032B       | (ISP)                    | (138) (9997) |
| Microchip | SST26VF032B       | [SOIC8]                  | (3088) (*1)  |
| Microchip | SST26VF032B       | [TFBGA24]                | (1268) (*1)  |
| Microchip | SST26VF032B       | [WDFN8]                  | (3097) (*1)  |
| Microchip | SST26VF032BA      | (ISP)                    | (138) (9997) |
| Microchip | SST26VF032BA      | [SOIC8]                  | (3088) (*1)  |
| Microchip | SST26VF032BA      | [TFBGA24]                | (1268) (*1)  |
| Microchip | SST26VF032BA      | [WDFN8]                  | (3097) (*1)  |
| Microchip | SST26VF064B       | (ISP)                    | (138) (9997) |
| Microchip | SST26VF064B       | [SOIC16]                 | (3101) (*1)  |
| Microchip | SST26VF064B       | [SOIC8]                  | (3088) (*1)  |
| Microchip | SST26VF064B       | [TFBGA24]                | (1268) (*1)  |
| Microchip | SST26VF064B       | [WDFN8]                  | (3097) (*1)  |
| Microchip | SST26VF064B       | [WSON8 6x8]              | (3053) (*1)  |
| Microchip | SST26VF064BA      | (ISP)                    | (138) (9997) |
| Microchip | SST26VF064BA      | [SOIC8]                  | (3088) (*1)  |
| Microchip | SST26VF064BA      | [TFBGA24]                | (1268) (*1)  |
| Microchip | SST26VF064BA      | [WDFN8]                  | (3097) (*1)  |
| Microchip | SST26WF016B       | [SOIC8]                  | (3095) (*1)  |
| Microchip | SST26WF016B       | [TFBGA24]                | (1268) (*1)  |
| Microchip | SST26WF016B       | [WDFN8]                  | (3097) (*1)  |
| Microchip | SST26WF016BA      | [SOIC8]                  | (3095) (*1)  |
| Microchip | SST26WF016BA      | [TFBGA24]                | (1268) (*1)  |
| Microchip | SST26WF016BA      | [WDFN8]                  | (3097) (*1)  |
| Microchip | SST26WF040B       | [SOIC8]                  | (3095) (*1)  |
| Microchip | SST26WF040B       | [WDFN8]                  | (3097) (*1)  |
| Microchip | SST26WF040BA      | [SOIC8]                  | (3095) (*1)  |
| Microchip | SST26WF040BA      | [WDFN8]                  | (3097) (*1)  |
| Microchip | SST26WF064C       | [SOIC16] (QuadSPI)       | (3100) (*1)  |
| Microchip | SST26WF064C       | [SOIC8] (QuadSPI)        | (3088) (*1)  |
| Microchip | SST26WF080B       | [SOIC8]                  | (3095) (*1)  |
| Microchip | SST26WF080B       | [WDFN8]                  | (3097) (*1)  |
| Microchip | SST26WF080BA      | [SOIC8]                  | (3095) (*1)  |
| Microchip | SST26WF080BA      | [WDFN8]                  | (3097) (*1)  |
| Microchip | T89C51CC01CA-XM   | (ISP)                    | (138)        |
| Microchip | T89C51CC01CA-XM   | [CBGA64]                 | (615)        |
| Microchip | T89C51CC01CA-XM   | [PLCC44]                 | (67)         |
| Microchip | T89C51CC01CA-XM   | [TQFP44]                 | (94)         |
| Microchip | T89C51CC01CA-XM   | [VQFP44]                 | (94)         |
| Microchip | T89C51CC01C-XM    | (ISP)                    | (138)        |
| Microchip | T89C51CC01C-XM    | [CBGA64]                 | (615)        |
| Microchip | T89C51CC01C-XM    | [PLCC44]                 | (67)         |
| Microchip | T89C51CC01C-XM    | [TQFP44]                 | (94)         |
| Microchip | T89C51CC01C-XM    | [VQFP44]                 | (94)         |
| Microchip | T89C51CC01UA-XM   | (ISP)                    | (138)        |
| Microchip | T89C51CC01UA-XM   | [CBGA64]                 | (615)        |
| Microchip | T89C51CC01UA-XM   | [PLCC44]                 | (67)         |
| Microchip | T89C51CC01UA-XM   | [TQFP44]                 | (94)         |
| Microchip | T89C51CC01UA-XM   | [VQFP44]                 | (94)         |
| Microchip | T89C51CC01U-XM    | (ISP)                    | (138)        |
| Microchip | T89C51CC01U-XM    | [CBGA64]                 | (615)        |
| Microchip | T89C51CC01U-XM    | [PLCC44]                 | (67)         |
| Microchip | T89C51CC01U-XM    | [TQFP44]                 | (94)         |
| Microchip | T89C51CC01U-XM    | [VQFP44]                 | (94)         |
| Microchip | T89C51CC02CA-XM   | [PLCC28]                 | (48)         |
| Microchip | T89C51CC02CA-XM   | [SOIC28]                 | (51)         |
| Microchip | T89C51CC02CA-XM   | [VQFP32]                 | (159)        |
| Microchip | T89C51CC02C-XM    | [PLCC28]                 | (48)         |
| Microchip | T89C51CC02C-XM    | [SOIC28]                 | (51)         |
| Microchip | T89C51CC02C-XM    | [VQFP32]                 | (159)        |
| Microchip | T89C51CC02UA-XM   | [PLCC28]                 | (48)         |
| Microchip | T89C51CC02UA-XM   | [SOIC28]                 | (51)         |
| Microchip | T89C51CC02UA-XM   | [VQFP32]                 | (159)        |
| Microchip | T89C51CC02U-XM    | [PLCC28]                 | (48)         |
| Microchip | T89C51CC02U-XM    | [SOIC28]                 | (51)         |
| Microchip | T89C51CC02U-XM    | [VQFP32]                 | (159)        |
| Microchip | T89C51IB2-XM      |                          |              |
| Microchip | T89C51IB2-XM      | (ISP)                    | (138)        |
| Microchip | T89C51IB2-XM      | [PLCC44]                 | (67)         |
| Microchip | T89C51IB2-XM      | [VQFP44]                 | (94)         |
| Microchip | T89C51IC2-XL      |                          |              |
| Microchip | T89C51IC2-XL      | (ISP)                    | (138)        |
| Microchip | T89C51IC2-XL      | [PLCC44]                 | (67)         |

|                 |                                   |                     |             |
|-----------------|-----------------------------------|---------------------|-------------|
| Microchip       | T89C51IC2-xL                      | [VQFP44]            | (94)        |
| Microchip       | T89C51IC2-xM                      |                     |             |
| Microchip       | T89C51IC2-xM                      | (ISP)               | (138)       |
| Microchip       | T89C51IC2-xM                      | [PLCC44]            | (67)        |
| Microchip       | T89C51IC2-xM                      | [VQFP44]            | (94)        |
| Microchip       | T89C51RB2-xL                      | (ISP)               | (138)       |
| Microchip       | T89C51RB2-xM                      |                     |             |
| Microchip       | T89C51RB2-xM                      | (ISP)               | (138)       |
| Microchip       | T89C51RB2-xM                      | [PLCC44]            | (67)        |
| Microchip       | T89C51RB2-xM                      | [VQFP44]            | (94)        |
| Microchip       | T89C51RC2-xL                      |                     |             |
| Microchip       | T89C51RC2-xL                      | (ISP)               | (138)       |
| Microchip       | T89C51RC2-xL                      | [PLCC44]            | (67)        |
| Microchip       | T89C51RC2-xL                      | [VQFP44]            | (94)        |
| Microchip       | T89C51RC2-xM                      |                     |             |
| Microchip       | T89C51RC2-xM                      | (ISP)               | (138)       |
| Microchip       | T89C51RC2-xM                      | [PLCC44]            | (67)        |
| Microchip       | T89C51RC2-xM                      | [VQFP44]            | (94)        |
| Microchip       | T89C51RD2-xL                      |                     |             |
| Microchip       | T89C51RD2-xL                      | (ISP)               | (138)       |
| Microchip       | T89C51RD2-xL                      | [PLCC44]            | (67)        |
| Microchip       | T89C51RD2-xL                      | [PLCC68]            | (178)       |
| Microchip       | T89C51RD2-xL                      | [VQFP44]            | (94)        |
| Microchip       | T89C51RD2-xL                      | [VQFP64]            | (152)       |
| Microchip       | T89C51RD2-xM                      |                     |             |
| Microchip       | T89C51RD2-xM                      | (ISP)               | (138)       |
| Microchip       | T89C51RD2-xM                      | [PLCC44]            | (67)        |
| Microchip       | T89C51RD2-xM                      | [PLCC68]            | (178)       |
| Microchip       | T89C51RD2-xM                      | [VQFP44]            | (94)        |
| Microchip       | T89C51RD2-xM                      | [VQFP64]            | (152)       |
| Microchip (SST) | SST25LF020A                       | (ISP)               | (138)       |
| Microchip (SST) | SST25LF020A                       | [SOIC8]             | (3095) (*1) |
| Microchip (SST) | SST25LF020A                       | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25PF020B                       | (ISP)               | (138)       |
| Microchip (SST) | SST25PF020B                       | [SOIC8]             | (3095) (*1) |
| Microchip (SST) | SST25PF020B                       | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25PF040B                       | (ISP)               | (138)       |
| Microchip (SST) | SST25PF040B                       | [SOIC8]             | (3088) (*1) |
| Microchip (SST) | SST25PF040B                       | [SOIC8-150]         | (3095) (*1) |
| Microchip (SST) | SST25PF040B                       | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25PF080B                       | (ISP)               | (138)       |
| Microchip (SST) | SST25PF080B                       | [SOIC8]             | (3088) (*1) |
| Microchip (SST) | SST25PF080B                       | [SOIC8-150]         | (3095) (*1) |
| Microchip (SST) | SST25PF080B                       | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25VF010A                       | (ISP)               | (138)       |
| Microchip (SST) | SST25VF010A                       | [SOIC8]             | (3095) (*1) |
| Microchip (SST) | SST25VF010A                       | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25VF016B                       | (ISP)               | (138)       |
| Microchip (SST) | SST25VF016B                       | [SOIC8]             | (3088) (*1) |
| Microchip (SST) | SST25VF016B                       | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25VF020                        | (ISP)               | (138)       |
| Microchip (SST) | SST25VF020                        | [SOIC8]             | (3095) (*1) |
| Microchip (SST) | SST25VF020                        | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25VF020A                       | (ISP)               | (138)       |
| Microchip (SST) | SST25VF020A                       | [SOIC8]             | (3095) (*1) |
| Microchip (SST) | SST25VF020A                       | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25VF020B                       | (ISP)               | (138)       |
| Microchip (SST) | SST25VF020B                       | [SOIC8]             | (3095) (*1) |
| Microchip (SST) | SST25VF020B                       | [USON8]             | (3935) (*1) |
| Microchip (SST) | SST25VF020B                       | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25VF032B                       | (ISP)               | (138)       |
| Microchip (SST) | SST25VF032B                       | [SOIC8-200]         | (3088) (*1) |
| Microchip (SST) | SST25VF032B                       | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25VF040B                       | (ISP)               | (138)       |
| Microchip (SST) | SST25VF040B                       | [SOIC8-150]         | (3095) (*1) |
| Microchip (SST) | SST25VF040B                       | [SOIC8-200]         | (3088) (*1) |
| Microchip (SST) | SST25VF040B                       | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25VF064C                       | (ISP)               | (138)       |
| Microchip (SST) | SST25VF064C                       | [SOIC16]            | (3101) (*1) |
| Microchip (SST) | SST25VF064C                       | [SOIC16] (Dual I/O) | (3101) (*1) |
| Microchip (SST) | SST25VF064C                       | [SOIC8]             | (1447)      |
| Microchip (SST) | SST25VF064C                       | [SOIC8] (Dual I/O)  | (1447)      |
| Microchip (SST) | SST25VF064C                       | [WSON8]             | (3053) (*1) |
| Microchip (SST) | SST25VF064C                       | [WSON8] (Dual I/O)  | (3053) (*1) |
| Microchip (SST) | SST25VF080B                       |                     |             |
| Microchip (SST) | SST25VF080B                       | (ISP)               | (138)       |
| Microchip (SST) | SST25VF080B                       | [SOIC8]             | (3088) (*1) |
| Microchip (SST) | SST25VF080B                       | [SOIC8-150]         | (3095) (*1) |
| Microchip (SST) | SST25VF080B                       | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25VF512                        | (ISP)               | (138)       |
| Microchip (SST) | SST25VF512                        | [SOIC8]             | (3095) (*1) |
| Microchip (SST) | SST25VF512                        | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25VF512A                       | (ISP)               | (138)       |
| Microchip (SST) | SST25VF512A                       | [SOIC8]             | (3095) (*1) |
| Microchip (SST) | SST25VF512A                       | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25WF010                        | [SOIC8]             | (3095) (*1) |
| Microchip (SST) | SST25WF020                        | [SOIC8]             | (3095) (*1) |
| Microchip (SST) | SST25WF020                        | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25WF040                        | [SOIC8]             | (3095) (*1) |
| Microchip (SST) | SST25WF040                        | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST25WF080                        | [SOIC8]             | (3095) (*1) |
| Microchip (SST) | SST25WF512                        | [SOIC8]             | (3095) (*1) |
| Microchip (SST) | SST26VF016                        | [SOIC8]             | (3088) (*1) |
| Microchip (SST) | SST26VF016                        | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST26VF032                        | [SOIC8]             | (3088) (*1) |
| Microchip (SST) | SST26VF032                        | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST26WF032                        | [SOIC8]             | (3088) (*1) |
| Microchip (SST) | SST26WF032                        | [WSON8]             | (3097) (*1) |
| Microchip (SST) | SST38VF6401B-xx-xx-B3KE [TFBGA48] |                     | (760)       |
| Microchip (SST) | SST38VF6401B-xxxxCD [TFBGA48]     |                     | (760)       |
| Microchip (SST) | SST38VF6401B-xx-xx-EKE [TSOP48]   |                     | (1346)      |
| Microchip (SST) | SST38VF6401B-xxxxTV [TSOP48]      |                     | (1346)      |
| Microchip (SST) | SST38VF6401xx-xx-B3KE [TFBGA48]   |                     | (760)       |
| Microchip (SST) | SST38VF6401xx-xx-EKE [TSOP48]     |                     | (1346)      |
| Microchip (SST) | SST38VF6402B-xx-xx-B3KE [TFBGA48] |                     | (760)       |
| Microchip (SST) | SST38VF6402B-xxxxCD [TFBGA48]     |                     | (760)       |
| Microchip (SST) | SST38VF6402B-xx-xx-EKE [TSOP48]   |                     | (1346)      |
| Microchip (SST) | SST38VF6402B-xxxxTV [TSOP48]      |                     | (1346)      |
| Microchip (SST) | SST38VF6402xx-xx-B3KE [TFBGA48]   |                     | (760)       |
| Microchip (SST) | SST38VF6402xx-xx-EKE [TSOP48]     |                     | (1346)      |
| Microchip (SST) | SST38VF6403B-xx-xx-B3KE [TFBGA48] |                     | (760)       |
| Microchip (SST) | SST38VF6403B-xxxxCD [TFBGA48]     |                     | (760)       |
| Microchip (SST) | SST38VF6403B-xx-xx-EKE [TSOP48]   |                     | (1346)      |
| Microchip (SST) | SST38VF6403B-xxxxTV [TSOP48]      |                     | (1346)      |
| Microchip (SST) | SST38VF6403xx-xx-B3KE [TFBGA48]   |                     | (760)       |
| Microchip (SST) | SST38VF6403xx-xx-EKE [TSOP48]     |                     | (1346)      |
| Microchip (SST) | SST38VF6404B-xx-xx-B3KE [TFBGA48] |                     | (760)       |
| Microchip (SST) | SST38VF6404B-xxxxCD [TFBGA48]     |                     | (760)       |
| Microchip (SST) | SST38VF6404B-xx-xx-EKE [TSOP48]   |                     | (1346)      |
| Microchip (SST) | SST38VF6404B-xxxxTV [TSOP48]      |                     | (1346)      |
| Microchip (SST) | SST38VF6404xx-xx-B3KE [TFBGA48]   |                     | (760)       |
| Microchip (SST) | SST38VF6404xx-xx-EKE [TSOP48]     |                     | (1346)      |
| Microchip (SST) | SST39LF010                        | [PLCC32]            | (1399)      |
| Microchip (SST) | SST39LF010                        | [TFBGA48]           | (760)       |
| Microchip (SST) | SST39LF010                        | [TSOP32]            | (1412)      |
| Microchip (SST) | SST39LF010                        | [WFBGA34]           | (846)       |
| Microchip (SST) | SST39LF020                        | [PLCC32]            | (1399)      |
| Microchip (SST) | SST39LF020                        | [TFBGA48]           | (760)       |

|           |       |                    |                  |        |
|-----------|-------|--------------------|------------------|--------|
| Microchip | (SST) | SST39LF020         | [TSOP32]         | (1412) |
| Microchip | (SST) | SST39LF020         | [WFBGA34]        | (846)  |
| Microchip | (SST) | SST39LF040         | [PLCC32]         | (1384) |
| Microchip | (SST) | SST39LF040         | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39LF040         | [TSOP32]         | (1377) |
| Microchip | (SST) | SST39LF200A        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39LF200A        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39LF400A        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39LF400A        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39LF401C        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39LF401C        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39LF401C        | [WFBGA48]        | (2389) |
| Microchip | (SST) | SST39LF402C        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39LF402C        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39LF402C        | [WFBGA48]        | (2389) |
| Microchip | (SST) | SST39LF512         | [PLCC32]         | (1399) |
| Microchip | (SST) | SST39LF512         | [TSOP32]         | (1412) |
| Microchip | (SST) | SST39LF800A        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39LF800A        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39LF801C        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39LF801C        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39LF801C        | [WFBGA48]        | (2389) |
| Microchip | (SST) | SST39LF802C        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39LF802C        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39LF802C        | [WFBGA48]        | (2389) |
| Microchip | (SST) | SST39SF010A        |                  |        |
| Microchip | (SST) | SST39SF010A        | [PLCC32]         | (1399) |
| Microchip | (SST) | SST39SF010A        | [TSOP32]         | (1412) |
| Microchip | (SST) | SST39SF020A        |                  |        |
| Microchip | (SST) | SST39SF020A        | [PLCC32]         | (1399) |
| Microchip | (SST) | SST39SF020A        | [TSOP32]         | (1412) |
| Microchip | (SST) | SST39SF040         |                  |        |
| Microchip | (SST) | SST39SF040         | [PLCC32]         | (1384) |
| Microchip | (SST) | SST39SF040         | [TSOP32]         | (1377) |
| Microchip | (SST) | SST39VF010         |                  |        |
| Microchip | (SST) | SST39VF010         | [PLCC32]         | (1399) |
| Microchip | (SST) | SST39VF010         | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF010         | [TSOP32]         | (1412) |
| Microchip | (SST) | SST39VF020         |                  |        |
| Microchip | (SST) | SST39VF020         | [PLCC32]         | (1399) |
| Microchip | (SST) | SST39VF020         | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF020         | [TSOP32]         | (1412) |
| Microchip | (SST) | SST39VF040         |                  |        |
| Microchip | (SST) | SST39VF040         | [PLCC32]         | (1384) |
| Microchip | (SST) | SST39VF040         | [TSOP32]         | (1377) |
| Microchip | (SST) | SST39VF1601        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF1601        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF1601C       | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF1601C       | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF1602        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF1602        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF1602C       | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF1602C       | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF1681        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF1681xxxxB3  | [FBGA48]         | (760)  |
| Microchip | (SST) | SST39VF1682        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF1682xxxxB3  | [FBGA48]         | (760)  |
| Microchip | (SST) | SST39VF200A        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF200A        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF200AxxxxxM1 | [WFBGA48]        | (848)  |
| Microchip | (SST) | SST39VF3201        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF3201        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF3201B       | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF3201B       | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF3201C       | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF3201C       | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF3202        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF3202        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF3202B       | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF3202B       | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF3202C       | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF3202C       | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF400A        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF400A        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF400AxxxxxC1 | [XFLGA48]        | (847)  |
| Microchip | (SST) | SST39VF400AxxxxxM1 | [WFBGA48]        | (848)  |
| Microchip | (SST) | SST39VF401C        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF401C        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF401C        | [WFBGA48]        | (2389) |
| Microchip | (SST) | SST39VF402C        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF402C        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF402C        | [WFBGA48]        | (2389) |
| Microchip | (SST) | SST39VF6401B       | [TFBGA48]        | (690)  |
| Microchip | (SST) | SST39VF6401B       | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF6402B       | [TFBGA48]        | (690)  |
| Microchip | (SST) | SST39VF6402B       | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF800AxxxxxB3 | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF800AxxxxxC1 | [XFLGA48]        | (847)  |
| Microchip | (SST) | SST39VF800AxxxxxE  | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF800AxxxxxM1 | [WFBGA48]        | (848)  |
| Microchip | (SST) | SST39VF801C        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF801C        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF801C        | [WFBGA48]        | (2389) |
| Microchip | (SST) | SST39VF802C        | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39VF802C        | [TSOP48]         | (1346) |
| Microchip | (SST) | SST39VF802C        | [WFBGA48]        | (2389) |
| Microchip | (SST) | SST39WF1601xxxxB3  | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39WF1601xxxxMA  | [WFBGA48]        | (848)  |
| Microchip | (SST) | SST39WF1602xxxxB3  | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39WF1602xxxxMA  | [WFBGA48]        | (848)  |
| Microchip | (SST) | SST39WF1602xxxxMB  | [WFBGA48]        | (622)  |
| Microchip | (SST) | SST39WF400AxxxxxB3 | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39WF400AxxxxxM1 | [WFBGA48]        | (848)  |
| Microchip | (SST) | SST39WF400BxxxxxB3 | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39WF400BxxxxxCA | [XFLGA48]        | (847)  |
| Microchip | (SST) | SST39WF400BxxxxxMA | [WFBGA48]        | (848)  |
| Microchip | (SST) | SST39WF800AxxxxxB3 | [TFBGA48]        | (760)  |
| Microchip | (SST) | SST39WF800AxxxxxM2 | [WFBGA48]        | (622)  |
| Microchip | (SST) | SST49LF016C        | [PLCC32]         | (1384) |
| Microchip | (SST) | SST49LF016C        | [TSOP32]         | (1416) |
| Microchip | (SST) | SST49LF016C        | [TSOP40]         | (1417) |
| Microchip | (SST) | SST49LF160C        | [PLCC32]         | (1384) |
| Microchip | (SST) | SST49LF160C        | [TSOP32]         | (1416) |
| Microchip | (SST) | SST89C58RC         | [PLCC44]         | (67)   |
| Microchip | (SST) | SST89C58RC         | [TQFP44]         | (94)   |
| Microchip | (SST) | SST89C58RC         | [WQFN40]         | (885)  |
| Microchip | (SST) | SST89E516RD        |                  |        |
| Microchip | (SST) | SST89E516RD        | [PLCC44]         | (67)   |
| Microchip | (SST) | SST89E516RD        | [TQFP44]         | (94)   |
| Microchip | (SST) | SST89E516RD        | [WQFN40]         | (885)  |
| Microchip | (SST) | SST89E516RD2       |                  |        |
| Microchip | (SST) | SST89E516RD2       | [PLCC44]         | (67)   |
| Microchip | (SST) | SST89E516RD2       | [PLCC44](vfyse1) | (67)   |
| Microchip | (SST) | SST89E516RD2       | [TQFP44]         | (94)   |
| Microchip | (SST) | SST89E516RD2       | [WQFN40]         | (885)  |
| Microchip | (SST) | SST89E52RC         |                  |        |
| Microchip | (SST) | SST89E52RC         | [PLCC44]         | (67)   |
| Microchip | (SST) | SST89E54RC         |                  |        |

|                 |                                |             |
|-----------------|--------------------------------|-------------|
| Microchip (SST) | SST89E54RC [PLCC44]            | (67)        |
| Microchip (SST) | SST89E54RD2A                   |             |
| Microchip (SST) | SST89E54RD2A [PLCC44]          | (67)        |
| Microchip (SST) | SST89E54RD2A [TQFP44]          | (94)        |
| Microchip (SST) | SST89E54RDA                    |             |
| Microchip (SST) | SST89E54RDA [PLCC44]           | (67)        |
| Microchip (SST) | SST89E54RDA [TQFP44]           | (94)        |
| Microchip (SST) | SST89E58RD2A                   |             |
| Microchip (SST) | SST89E58RD2A [PLCC44]          | (67)        |
| Microchip (SST) | SST89E58RD2A [TQFP44]          | (94)        |
| Microchip (SST) | SST89E58RDA                    |             |
| Microchip (SST) | SST89E58RDA [PLCC44]           | (67)        |
| Microchip (SST) | SST89E58RDA [TQFP44]           | (94)        |
| Microchip (SST) | SST89V516RD2                   |             |
| Microchip (SST) | SST89V516RD2 [PLCC44]          | (67)        |
| Microchip (SST) | SST89V516RD2 [PLCC44] (vfysel) | (67)        |
| Microchip (SST) | SST89V516RD2 [TQFP44]          | (94)        |
| Microchip (SST) | SST89V516RD2 [WQFN40]          | (885)       |
| Microchip (SST) | SST89V54RD                     |             |
| Microchip (SST) | SST89V54RD [PLCC44]            | (67)        |
| Microchip (SST) | SST89V54RD [TQFP44]            | (94)        |
| Microchip (SST) | SST89V54RD2                    |             |
| Microchip (SST) | SST89V54RD2 [PLCC44]           | (67)        |
| Microchip (SST) | SST89V54RD2 [TQFP44]           | (94)        |
| Microchip (SST) | SST89V58RD                     |             |
| Microchip (SST) | SST89V58RD [PLCC44]            | (67)        |
| Microchip (SST) | SST89V58RD [TQFP44]            | (94)        |
| Microchip (SST) | SST89V58RD2                    |             |
| Microchip (SST) | SST89V58RD2 [PLCC44]           | (67)        |
| Microchip (SST) | SST89V58RD2 [TQFP44]           | (94)        |
| Micron          | D9SSG [TFBGA153]               | (2578) (*1) |
| Micron          | DD28F032SA [TSOP56]            | (3189)      |
| Micron          | FW219 [VFBGA63]                | (1171)      |
| Micron          | FW258 [VFBGA63]                | (1171)      |
| Micron          | FW259 [VFBGA63]                | (1171)      |
| Micron          | FW260 [VFBGA63]                | (1171)      |
| Micron          | FW261 [VFBGA63]                | (1171)      |
| Micron          | FW263 [VFBGA63]                | (1171)      |
| Micron          | FW265 [VFBGA63]                | (1171)      |
| Micron          | FW267 [VFBGA63]                | (1171)      |
| Micron          | FX219 [VFBGA63]                | (1171)      |
| Micron          | FX258 [VFBGA63]                | (1171)      |
| Micron          | FX260 [VFBGA63]                | (1171)      |
| Micron          | FX265 [VFBGA63]                | (1171)      |
| Micron          | FX270 [VFBGA63]                | (1171)      |
| Micron          | HBBAA [TFBGA153]               | (2578) (*1) |
| Micron          | HBBAB [LBGA100]                | (2431) (*1) |
| Micron          | HBBRI [TFBGA153]               | (2578) (*1) |
| Micron          | HBBRO [LBGA100]                | (2431) (*1) |
| Micron          | HBBSA [LBGA100]                | (2431) (*1) |
| Micron          | HBSBN [TFBGA153]               | (2578) (*1) |
| Micron          | HBSO [LBGA100]                 | (2431) (*1) |
| Micron          | HBSQ [TFBGA169]                | (2577) (*1) |
| Micron          | HBSR [LFBGA169]                | (2577) (*1) |
| Micron          | HBSU [LBGA100]                 | (2431) (*1) |
| Micron          | HBSY [TFBGA153]                | (2578) (*1) |
| Micron          | HBZY [LBGA100]                 | (2431) (*1) |
| Micron          | JQ187 [LFBGA169]               | (2392) (*1) |
| Micron          | JQ191 [TFBGA137]               | (3022) (*1) |
| Micron          | JQ198 [LFBGA169]               | (2392) (*1) |
| Micron          | JQ203 [LFBGA169]               | (2392) (*1) |
| Micron          | JQ217 [TFBGA107]               | (687)       |
| Micron          | JQ257 [TFBGA137]               | (3022) (*1) |
| Micron          | JR28F032M29EWB [TSOP48]        | (1346)      |
| Micron          | JR28F032M29EWH [TSOP48]        | (1346)      |
| Micron          | JR28F032M29EWL [TSOP48]        | (1346)      |
| Micron          | JR28F032M29EWT [TSOP48]        | (1346)      |
| Micron          | JR28F064M29EWB [TSOP48]        | (1346)      |
| Micron          | JR28F064M29EWBA [TSOP48]       | (1346)      |
| Micron          | JR28F064M29EWH [TSOP48]        | (1346)      |
| Micron          | JR28F064M29EWA [TSOP48]        | (1346)      |
| Micron          | JR28F064M29EWL [TSOP48]        | (1346)      |
| Micron          | JR28F064M29EWLA [TSOP48]       | (1346)      |
| Micron          | JR28F064M29EWT [TSOP48]        | (1346)      |
| Micron          | JR28F064M29EWTA [TSOP48]       | (1346)      |
| Micron          | JS28F00AM29AWH [TSOP56]        | (3161)      |
| Micron          | JS28F00AM29AWL [TSOP56]        | (3161)      |
| Micron          | JS28F00AM29EWH [TSOP56]        | (3161)      |
| Micron          | JS28F00AM29EWL [TSOP56]        | (3161)      |
| Micron          | JS28F00AP30BF [TSOP56]         | (1437)      |
| Micron          | JS28F00AP30BF [TSOP56] (BEFP)  | (1437)      |
| Micron          | JS28F00AP30EF [TSOP56]         | (1437)      |
| Micron          | JS28F00AP30EF [TSOP56] (BEFP)  | (1437)      |
| Micron          | JS28F00AP30TF [TSOP56]         | (1437)      |
| Micron          | JS28F00AP30TF [TSOP56] (BEFP)  | (1437)      |
| Micron          | JS28F00AP33BF [TSOP56]         | (1437)      |
| Micron          | JS28F00AP33BF [TSOP56] (BEFP)  | (1437)      |
| Micron          | JS28F00AP33EF [TSOP56]         | (1437)      |
| Micron          | JS28F00AP33EF [TSOP56] (BEFP)  | (1437)      |
| Micron          | JS28F00AP33TF [TSOP56]         | (1437)      |
| Micron          | JS28F00AP33TF [TSOP56] (BEFP)  | (1437)      |
| Micron          | JS28F064M29EWB [TSOP56]        | (3080)      |
| Micron          | JS28F064M29EWBA [TSOP56]       | (3079)      |
| Micron          | JS28F064M29EWH [TSOP56]        | (3080)      |
| Micron          | JS28F064M29EWA [TSOP56]        | (3079)      |
| Micron          | JS28F064M29EWL [TSOP56]        | (3080)      |
| Micron          | JS28F064M29EWLA [TSOP56]       | (3079)      |
| Micron          | JS28F064M29EWT [TSOP56]        | (3080)      |
| Micron          | JS28F064M29EWTA [TSOP56]       | (3079)      |
| Micron          | JS28F128J3F [TSOP56]           | (1400)      |
| Micron          | JS28F128M29EWH [TSOP56]        | (3080)      |
| Micron          | JS28F128M29EWA [TSOP56]        | (3080)      |
| Micron          | JS28F128M29EWL [TSOP56]        | (3080)      |
| Micron          | JS28F128P30BF [TSOP56]         | (1408)      |
| Micron          | JS28F128P30BF [TSOP56] (BEFP)  | (1408)      |
| Micron          | JS28F128P30TF [TSOP56]         | (1408)      |
| Micron          | JS28F128P33BF [TSOP56]         | (1404)      |
| Micron          | JS28F128P33BF [TSOP56] (BEFP)  | (1404)      |
| Micron          | JS28F128P33TF [TSOP56]         | (1404)      |
| Micron          | JS28F128P33TF [TSOP56] (BEFP)  | (1404)      |
| Micron          | JS28F256J3F [TSOP56]           | (1400)      |
| Micron          | JS28F256M29EWH [TSOP56]        | (3080)      |
| Micron          | JS28F256M29EWL [TSOP56]        | (3080)      |
| Micron          | JS28F256P30BF [TSOP56]         | (1408)      |
| Micron          | JS28F256P30BF [TSOP56] (BEFP)  | (1408)      |
| Micron          | JS28F256P30T2 [TSOP56]         | (1408)      |
| Micron          | JS28F256P30TF [TSOP56]         | (1408)      |
| Micron          | JS28F256P30TF [TSOP56] (BEFP)  | (1408)      |
| Micron          | JS28F256P33BF [TSOP56]         | (1404)      |
| Micron          | JS28F256P33BF [TSOP56] (BEFP)  | (1404)      |
| Micron          | JS28F256P33T2 [TSOP56]         | (1404)      |
| Micron          | JS28F256P33T2 [TSOP56] (BEFP)  | (1404)      |
| Micron          | JS28F256P33TF [TSOP56]         | (1404)      |
| Micron          | JS28F256P33TF [TSOP56] (BEFP)  | (1404)      |
| Micron          | JS28F320J3F [TSOP56]           | (1400)      |
| Micron          | JS28F512M29AWH [TSOP56]        | (3080)      |
| Micron          | JS28F512M29AWL [TSOP56]        | (3080)      |
| Micron          | JS28F512M29EWH [TSOP56]        | (3080)      |

|        |                |                 |             |
|--------|----------------|-----------------|-------------|
| Micron | JS28F512M29EWL | [TSOP56]        | (3080)      |
| Micron | JS28F512P30BF  | [TSOP56]        | (1408)      |
| Micron | JS28F512P30BF  | [TSOP56] (BEFP) | (1408)      |
| Micron | JS28F512P30EF  | [TSOP56]        | (1408)      |
| Micron | JS28F512P30EF  | [TSOP56] (BEFP) | (1408)      |
| Micron | JS28F512P30TF  | [TSOP56]        | (1408)      |
| Micron | JS28F512P30TF  | [TSOP56] (BEFP) | (1408)      |
| Micron | JS28F512P33BF  | [TSOP56]        | (1408)      |
| Micron | JS28F512P33BF  | [TSOP56] (BEFP) | (1408)      |
| Micron | JS28F512P33EF  | [TSOP56]        | (1408)      |
| Micron | JS28F512P33EF  | [TSOP56] (BEFP) | (1408)      |
| Micron | JS28F512P33TF  | [TSOP56]        | (1408)      |
| Micron | JS28F512P33TF  | [TSOP56] (BEFP) | (1408)      |
| Micron | JS28F640J3F    | [TSOP56]        | (1400)      |
| Micron | JS28F640P30BF  | [TSOP56]        | (1408)      |
| Micron | JS28F640P30BF  | [TSOP56] (BEFP) | (1408)      |
| Micron | JS28F640P30TF  | [TSOP56]        | (1408)      |
| Micron | JS28F640P30TF  | [TSOP56] (BEFP) | (1408)      |
| Micron | JS28F640P33BF  | [TSOP56]        | (1404)      |
| Micron | JS28F640P33BF  | [TSOP56] (BEFP) | (1404)      |
| Micron | JS28F640P33TF  | [TSOP56]        | (1404)      |
| Micron | JS28F640P33TF  | [TSOP56] (BEFP) | (1404)      |
| Micron | JW177          | [TFBGA137]      | (3022) (*1) |
| Micron | JW178          | [TFBGA137]      | (3022) (*1) |
| Micron | JW181          | [TFBGA137]      | (3022) (*1) |
| Micron | JW182          | [TFBGA137]      | (3022) (*1) |
| Micron | JW187          | [LFBGA169]      | (2392) (*1) |
| Micron | JW188          | [VFBGA152]      | (1342)      |
| Micron | JW189          | [VFBGA152]      | (1342)      |
| Micron | JW190          | [TFBGA137]      | (3022) (*1) |
| Micron | JW191          | [TFBGA137]      | (3022) (*1) |
| Micron | JW192          | [FBGA168]       | (3258)      |
| Micron | JW193          | [FBGA168]       | (3258)      |
| Micron | JW198          | [LFBGA169]      | (2392) (*1) |
| Micron | JW203          | [LFBGA169]      | (2392) (*1) |
| Micron | JW212          | [TFBGA137]      | (3022) (*1) |
| Micron | JW215          | [TFBGA137]      | (3022) (*1) |
| Micron | JW216          | [TFBGA107]      | (687)       |
| Micron | JW217          | [TFBGA107]      | (687)       |
| Micron | JW218          | [TFBGA107]      | (1208)      |
| Micron | JW219          | [TFBGA107]      | (1208)      |
| Micron | JW223          | [TFBGA107]      | (687)       |
| Micron | JW224          | [TFBGA107]      | (1208)      |
| Micron | JW225          | [TFBGA107]      | (1208)      |
| Micron | JW226          | [VFBGA152]      | (1342)      |
| Micron | JW227          | [VFBGA152]      | (1342)      |
| Micron | JW231          | [TFBGA107]      | (1208)      |
| Micron | JW232          | [TFBGA107]      | (1208)      |
| Micron | JW238          | [LFBGA169]      | (2392) (*1) |
| Micron | JW239          | [LFBGA169]      | (2392) (*1) |
| Micron | JW240          | [LFBGA169]      | (2392) (*1) |
| Micron | JW255          | [FBGA168]       | (3258)      |
| Micron | JW256          | [FBGA168]       | (3258)      |
| Micron | JW257          | [TFBGA137]      | (3022) (*1) |
| Micron | JW258          | [TFBGA137]      | (3022) (*1) |
| Micron | JW259          | [TFBGA149]      | (1094)      |
| Micron | JW260          | [TFBGA149]      | (1094)      |
| Micron | JW261          | [TFBGA137]      | (3022) (*1) |
| Micron | JW262          | [TFBGA137]      | (3022) (*1) |
| Micron | JW263          | [TFBGA107]      | (687)       |
| Micron | JW265          | [TFBGA107]      | (1208)      |
| Micron | JW271          | [TFBGA107]      | (687)       |
| Micron | JW278          | [TFBGA107]      | (1208)      |
| Micron | JW287          | [TFBGA107]      | (1208)      |
| Micron | JW288          | [TFBGA107]      | (1208)      |
| Micron | JW291          | [TFBGA137]      | (3022) (*1) |
| Micron | JW293          | [TFBGA107]      | (687)       |
| Micron | JW296          | [TFBGA152]      | (1342)      |
| Micron | JW297          | [TFBGA152]      | (1342)      |
| Micron | JW301          | [TFBGA107]      | (687)       |
| Micron | JW302          | [TFBGA137]      | (3022) (*1) |
| Micron | JW303          | [TFBGA137]      | (3022) (*1) |
| Micron | JW305          | [TFBGA137]      | (3022) (*1) |
| Micron | JW306          | [TFBGA137]      | (3022) (*1) |
| Micron | JW310          | [LBGA100]       | (2431) (*1) |
| Micron | JW311          | [LBGA100]       | (2431) (*1) |
| Micron | JW312          | [LBGA100]       | (2431) (*1) |
| Micron | JW313          | [LBGA100]       | (2431) (*1) |
| Micron | JW314          | [LBGA100]       | (2431) (*1) |
| Micron | JW315          | [LBGA100]       | (2431) (*1) |
| Micron | JW318          | [FBGA169]       | (2392) (*1) |
| Micron | JW319          | [FBGA169]       | (2392) (*1) |
| Micron | JW322          | [FBGA153]       | (2578) (*1) |
| Micron | JW323          | [FBGA153]       | (2578) (*1) |
| Micron | JW324          | [FBGA169]       | (2392) (*1) |
| Micron | JW325          | [FBGA169]       | (2392) (*1) |
| Micron | JW330          | [FBGA169]       | (2392) (*1) |
| Micron | JW331          | [FBGA169]       | (2392) (*1) |
| Micron | JW332          | [TFBGA137]      | (3022) (*1) |
| Micron | JW333          | [TFBGA137]      | (3022) (*1) |
| Micron | JW341          | [TFBGA107]      | (687)       |
| Micron | JW343          | [TFBGA137]      | (3022) (*1) |
| Micron | JW344          | [TFBGA137]      | (3022) (*1) |
| Micron | JW345          | [TFBGA137]      | (3022) (*1) |
| Micron | JW346          | [TFBGA137]      | (3022) (*1) |
| Micron | JW355          | [TFBGA107]      | (687)       |
| Micron | JW366          | [TFBGA107]      | (687)       |
| Micron | JW367          | [TFBGA107]      | (687)       |
| Micron | JW368          | [TFBGA107]      | (1208)      |
| Micron | JW369          | [TFBGA107]      | (1208)      |
| Micron | JW370          | [TFBGA107]      | (687)       |
| Micron | JW371          | [TFBGA107]      | (687)       |
| Micron | JW372          | [TFBGA107]      | (1208)      |
| Micron | JW373          | [TFBGA107]      | (1208)      |
| Micron | JW374          | [VFBGA152]      | (1342)      |
| Micron | JW375          | [VFBGA152]      | (1342)      |
| Micron | JW378          | [TFBGA107]      | (687)       |
| Micron | JW379          | [TFBGA107]      | (687)       |
| Micron | JW380          | [TFBGA107]      | (1208)      |
| Micron | JW381          | [TFBGA107]      | (1208)      |
| Micron | JW384          | [VFBGA152]      | (1342)      |
| Micron | JW385          | [VFBGA152]      | (1342)      |
| Micron | JW387          | [TFBGA107]      | (687)       |
| Micron | JW388          | [TFBGA107]      | (687)       |
| Micron | JW389          | [TFBGA107]      | (1208)      |
| Micron | JW390          | [TFBGA107]      | (1208)      |
| Micron | JW391          | [TFBGA137]      | (3022) (*1) |
| Micron | JW398          | [TFBGA137]      | (3022) (*1) |
| Micron | JW399          | [VFBGA152]      | (1342)      |
| Micron | JW400          | [VFBGA152]      | (1342)      |
| Micron | JW403          | [TFBGA107]      | (1208)      |
| Micron | JW407          | [TFBGA137]      | (3022) (*1) |
| Micron | JW408          | [FBGA153]       | (2578) (*1) |
| Micron | JW409          | [FBGA169]       | (2392) (*1) |
| Micron | JW410          | [FBGA169]       | (2392) (*1) |
| Micron | JW411          | [FBGA169]       | (2392) (*1) |
| Micron | JW412          | [FBGA169]       | (2392) (*1) |
| Micron | JW413          | [FBGA153]       | (2578) (*1) |

|        |       |                  |             |
|--------|-------|------------------|-------------|
| Micron | JW424 | [TFBGA107]       | (687)       |
| Micron | JW430 | [LBGA100]        | (2431) (*1) |
| Micron | JW431 | [LBGA100]        | (2431) (*1) |
| Micron | JW432 | [LBGA100]        | (2431) (*1) |
| Micron | JW433 | [LBGA100]        | (2431) (*1) |
| Micron | JW442 | [LBGA100]        | (2431) (*1) |
| Micron | JW443 | [LBGA100]        | (2431) (*1) |
| Micron | JW444 | [TFBGA137]       | (3022) (*1) |
| Micron | JW445 | [TFBGA107]       | (1208)      |
| Micron | JW447 | [TFBGA137]       | (3022) (*1) |
| Micron | JW448 | [TFBGA107]       | (1208)      |
| Micron | JW449 | [TFBGA107]       | (1208)      |
| Micron | JW450 | [TFBGA137]       | (3022) (*1) |
| Micron | JW453 | [TFBGA137]       | (3022) (*1) |
| Micron | JW454 | [TFBGA137]       | (3022) (*1) |
| Micron | JW460 | [TFBGA137]       | (3022) (*1) |
| Micron | JW464 | [TFBGA137]       | (3022) (*1) |
| Micron | JW466 | [FBGA169]        | (2392) (*1) |
| Micron | JW467 | [FBGA169]        | (2392) (*1) |
| Micron | JW498 | [TFBGA137]       | (3022) (*1) |
| Micron | JW499 | [TFBGA137]       | (3022) (*1) |
| Micron | JW500 | [TFBGA137]       | (3022) (*1) |
| Micron | JW501 | [TFBGA137]       | (3022) (*1) |
| Micron | JW507 | [TFBGA137]       | (3022) (*1) |
| Micron | JW508 | [TFBGA137]       | (3022) (*1) |
| Micron | JW509 | [TFBGA137]       | (3022) (*1) |
| Micron | JW510 | [TFBGA137]       | (3022) (*1) |
| Micron | JW517 | [FBGA153]        | (2578) (*1) |
| Micron | JW578 | [VFBGA130]       | (2571) (*1) |
| Micron | JW579 | [VFBGA130]       | (2571) (*1) |
| Micron | JW580 | [VFBGA130]       | (2571) (*1) |
| Micron | JW581 | [VFBGA130]       | (2571) (*1) |
| Micron | JW582 | [VFBGA130]       | (2571) (*1) |
| Micron | JW583 | [VFBGA130]       | (2571) (*1) |
| Micron | JW615 | [VFBGA130]       | (2571) (*1) |
| Micron | JW616 | [VFBGA130]       | (2571) (*1) |
| Micron | JW639 | [VFBGA130]       | (2571) (*1) |
| Micron | JW640 | [VFBGA130]       | (2571) (*1) |
| Micron | JW643 | [VFBGA130]       | (2571) (*1) |
| Micron | JW644 | [VFBGA130]       | (2571) (*1) |
| Micron | JW686 | [WFBGA153]       | (2667) (*1) |
| Micron | JW699 | [TFBGA137]       | (3022) (*1) |
| Micron | JW700 | [TFBGA137]       | (3022) (*1) |
| Micron | JW704 | [WFBGA153]       | (2667) (*1) |
| Micron | JW724 | [WFBGA153]       | (2667) (*1) |
| Micron | JW729 | [WFBGA153]       | (2667) (*1) |
| Micron | JW731 | [TFBGA137]       | (3022) (*1) |
| Micron | JW732 | [TFBGA137]       | (3022) (*1) |
| Micron | JW739 | [TFBGA137]       | (1287)      |
| Micron | JW740 | [TFBGA137]       | (1287)      |
| Micron | JW746 | [WFBGA153]       | (2667) (*1) |
| Micron | JW750 | [WFBGA153]       | (2667) (*1) |
| Micron | JW755 | [TFBGA137]       | (3022) (*1) |
| Micron | JW757 | [FBGA168]        | (3258)      |
| Micron | JW770 | [WFBGA153]       | (2667) (*1) |
| Micron | JW771 | [WFBGA169]       | (2817) (*1) |
| Micron | JW772 | [WFBGA169]       | (2817) (*1) |
| Micron | JW773 | [WFBGA169]       | (2817) (*1) |
| Micron | JW774 | [WFBGA169]       | (2817) (*1) |
| Micron | JW775 | [WFBGA153]       | (2667) (*1) |
| Micron | JW777 | [WFBGA153]       | (2667) (*1) |
| Micron | JW778 | [TFBGA169]       | (2577) (*1) |
| Micron | JW779 | [TFBGA169]       | (2577) (*1) |
| Micron | JW798 | [TFBGA137]       | (3022) (*1) |
| Micron | JW805 | [VFBGA130]       | (2571) (*1) |
| Micron | JW806 | [VFBGA130]       | (2571) (*1) |
| Micron | JW808 | [WFBGA153]       | (2667) (*1) |
| Micron | JW809 | [WFBGA153]       | (2667) (*1) |
| Micron | JW810 | [WFBGA153]       | (2667) (*1) |
| Micron | JW811 | [WFBGA153]       | (2667) (*1) |
| Micron | JW812 | [WFBGA153]       | (2667) (*1) |
| Micron | JW813 | [WFBGA153]       | (2667) (*1) |
| Micron | JW814 | [WFBGA153]       | (2667) (*1) |
| Micron | JW815 | [WFBGA153]       | (2667) (*1) |
| Micron | JW816 | [WFBGA169]       | (2817) (*1) |
| Micron | JW817 | [WFBGA169]       | (2817) (*1) |
| Micron | JW818 | [VFBGA169]       | (2817) (*1) |
| Micron | JW819 | [VFBGA169]       | (2817) (*1) |
| Micron | JW820 | [LFBGA169]       | (2577) (*1) |
| Micron | JW821 | [LFBGA169]       | (2577) (*1) |
| Micron | JW822 | [WFBGA153]       | (2667) (*1) |
| Micron | JW823 | [WFBGA153]       | (2667) (*1) |
| Micron | JW824 | [WFBGA153]       | (2667) (*1) |
| Micron | JW825 | [WFBGA153]       | (2667) (*1) |
| Micron | JW826 | [WFBGA169]       | (2817) (*1) |
| Micron | JW827 | [WFBGA169]       | (2817) (*1) |
| Micron | JW828 | [VFBGA169]       | (2817) (*1) |
| Micron | JW829 | [VFBGA169]       | (2817) (*1) |
| Micron | JW830 | [LFBGA169]       | (2577) (*1) |
| Micron | JW831 | [LFBGA169]       | (2577) (*1) |
| Micron | JW832 | [VFBGA130]       | (2571) (*1) |
| Micron | JW833 | [TFBGA137]       | (1287)      |
| Micron | JW834 | [TFBGA137]       | (3022) (*1) |
| Micron | JW839 | [TFBGA153]       | (2578) (*1) |
| Micron | JW841 | [VFBGA130]       | (2571) (*1) |
| Micron | JW847 | [TFBGA169]       | (2577) (*1) |
| Micron | JW848 | [TFBGA153]       | (2578) (*1) |
| Micron | JW852 | [WFBGA169]       | (2817) (*1) |
| Micron | JW857 | [WFBGA153]       | (2667) (*1) |
| Micron | JW858 | [WFBGA153]       | (2667) (*1) |
| Micron | JW858 | [WFBGA153] (IBM) | (2667) (*1) |
| Micron | JW874 | [TFBGA169]       | (2577) (*1) |
| Micron | JW885 | [FBGA162]        | (3125)      |
| Micron | JW887 | [FBGA162]        | (3125)      |
| Micron | JW894 | [VFBGA169]       | (2817) (*1) |
| Micron | JW895 | [LFBGA169]       | (2577) (*1) |
| Micron | JW896 | [WFBGA153]       | (2667) (*1) |
| Micron | JW911 | [LBGA100]        | (2431) (*1) |
| Micron | JW912 | [LBGA100]        | (2431) (*1) |
| Micron | JW913 | [LBGA100]        | (2431) (*1) |
| Micron | JW914 | [LBGA100]        | (2431) (*1) |
| Micron | JW915 | [LBGA100]        | (2431) (*1) |
| Micron | JW916 | [LBGA100]        | (2431) (*1) |
| Micron | JW917 | [LBGA100]        | (2431) (*1) |
| Micron | JW918 | [LBGA100]        | (2431) (*1) |
| Micron | JW923 | [VFBGA153]       | (2634) (*1) |
| Micron | JW948 | [FBGA162]        | (3125)      |
| Micron | JW961 | [FBGA162]        | (3125)      |
| Micron | JW962 | [TFBGA153]       | (2578) (*1) |
| Micron | JW962 | [TFBGA153] (IBM) | (2578) (*1) |
| Micron | JW963 | [TFBGA153]       | (2578) (*1) |
| Micron | JW963 | [TFBGA153] (IBM) | (2578) (*1) |
| Micron | JW964 | [TFBGA153]       | (2578) (*1) |
| Micron | JW966 | [TFBGA153]       | (2578) (*1) |
| Micron | JW981 | [TFBGA153]       | (2578) (*1) |
| Micron | JW982 | [LFBGA169]       | (2577) (*1) |
| Micron | JW983 | [WFBGA153]       | (2667) (*1) |
| Micron | JW984 | [WFBGA153]       | (2667) (*1) |

|        |       |            |        |      |
|--------|-------|------------|--------|------|
| Micron | JW985 | [WFBGA169] | (2817) | (*1) |
| Micron | JW986 | [VFBGA169] | (2817) | (*1) |
| Micron | JW987 | [LFBGA169] | (2577) | (*1) |
| Micron | JW992 | [WFBGA153] | (2667) | (*1) |
| Micron | JW993 | [WFBGA153] | (2667) | (*1) |
| Micron | JW995 | [WFBGA169] | (2817) | (*1) |
| Micron | JW996 | [VFBGA169] | (2817) | (*1) |
| Micron | JW997 | [LFBGA169] | (2577) | (*1) |
| Micron | JW998 | [WFBGA153] | (2667) | (*1) |
| Micron | JW999 | [WFBGA153] | (2667) | (*1) |
| Micron | JWA02 | [WFBGA169] | (2817) | (*1) |
| Micron | JWA03 | [WFBGA153] | (2667) | (*1) |
| Micron | JWA04 | [VFBGA169] | (2817) | (*1) |
| Micron | JWA05 | [LFBGA169] | (2577) | (*1) |
| Micron | JWA06 | [WFBGA153] | (2667) | (*1) |
| Micron | JWA07 | [WFBGA153] | (2667) | (*1) |
| Micron | JWA09 | [WFBGA169] | (2817) | (*1) |
| Micron | JWA10 | [VFBGA169] | (2817) | (*1) |
| Micron | JWA11 | [LFBGA169] | (2577) | (*1) |
| Micron | JWA12 | [LBGA100]  | (2431) | (*1) |
| Micron | JWA13 | [LBGA100]  | (2431) | (*1) |
| Micron | JWA14 | [LBGA100]  | (2431) | (*1) |
| Micron | JWA15 | [LBGA100]  | (2431) | (*1) |
| Micron | JWA17 | [TFBGA169] | (2577) | (*1) |
| Micron | JWA28 | [VFBGA153] | (2634) | (*1) |
| Micron | JWA37 | [FBGA100]  | (3113) | (*1) |
| Micron | JWA57 | [VFBGA153] | (2634) | (*1) |
| Micron | JWA58 | [VFBGA153] | (2634) | (*1) |
| Micron | JWA61 | [VFBGA153] | (2634) | (*1) |
| Micron | JWA62 | [VFBGA153] | (2634) | (*1) |
| Micron | JWA63 | [VFBGA169] | (2693) | (*1) |
| Micron | JWA64 | [VFBGA169] | (2693) | (*1) |
| Micron | JWA65 | [VFBGA153] | (2634) | (*1) |
| Micron | JWA66 | [VFBGA153] | (2634) | (*1) |
| Micron | JWA67 | [VFBGA153] | (2634) | (*1) |
| Micron | JWA68 | [VFBGA153] | (2634) | (*1) |
| Micron | JWA80 | [VFBGA153] | (3148) | (*1) |
| Micron | JWA81 | [VFBGA153] | (3148) | (*1) |
| Micron | JWA82 | [VFBGA153] | (3148) | (*1) |
| Micron | JWA83 | [VFBGA153] | (3148) | (*1) |
| Micron | JWB09 | [VFBGA137] | (3214) |      |
| Micron | JWB10 | [VFBGA221] | (3893) | (*1) |
| Micron | JWB12 | [VFBGA162] | (3892) | (*1) |
| Micron | JWB15 | [TBGA100]  | (3113) | (*1) |
| Micron | JWB16 | [TBGA100]  | (3113) | (*1) |
| Micron | JWB17 | [TBGA100]  | (3113) | (*1) |
| Micron | JWB18 | [TBGA100]  | (3113) | (*1) |
| Micron | JWB31 | [VFBGA168] | (3258) |      |
| Micron | JWB57 | [VFBGA137] | (3047) | (*1) |
| Micron | JWB58 | [VFBGA137] | (3047) | (*1) |
| Micron | JWB62 | [VFBGA137] | (3214) |      |
| Micron | JWB71 | [VFBGA137] | (3047) | (*1) |
| Micron | JWB73 | [VFBGA137] | (3047) | (*1) |
| Micron | JWB74 | [VFBGA153] | (3148) | (*1) |
| Micron | JWB75 | [VFBGA153] | (3148) | (*1) |
| Micron | JWB76 | [VFBGA153] | (3148) | (*1) |
| Micron | JWB77 | [VFBGA153] | (3148) | (*1) |
| Micron | JWB78 | [VFBGA153] | (3148) | (*1) |
| Micron | JWB79 | [VFBGA153] | (3148) | (*1) |
| Micron | JWB80 | [VFBGA153] | (3148) | (*1) |
| Micron | JWB81 | [VFBGA153] | (3148) | (*1) |
| Micron | JWB82 | [LFBGA153] | (3294) | (*1) |
| Micron | JWB83 | [LFBGA153] | (3294) | (*1) |
| Micron | JWB84 | [TBGA100]  | (3113) | (*1) |
| Micron | JWB85 | [LFBGA153] | (3294) | (*1) |
| Micron | JWB86 | [LFBGA153] | (3294) | (*1) |
| Micron | JWB95 | [TBGA100]  | (3113) | (*1) |
| Micron | JWB98 | [TBGA100]  | (3113) | (*1) |
| Micron | JWB99 | [TBGA100]  | (3113) | (*1) |
| Micron | JWC04 | [VFBGA130] | (2571) | (*1) |
| Micron | JWC05 | [VFBGA153] | (3148) | (*1) |
| Micron | JWC06 | [VFBGA153] | (3148) | (*1) |
| Micron | JWC07 | [VFBGA153] | (3148) | (*1) |
| Micron | JWC08 | [VFBGA153] | (3148) | (*1) |
| Micron | JWC11 | [VFBGA130] | (2571) | (*1) |
| Micron | JWC24 | [FBGA162]  | (3366) |      |
| Micron | JWC59 | [TFBGA153] | (3148) | (*1) |
| Micron | JWC61 | [TFBGA153] | (3148) | (*1) |
| Micron | JWC63 | [TFBGA153] | (3148) | (*1) |
| Micron | JWC65 | [TFBGA153] | (3148) | (*1) |
| Micron | JWC67 | [LFBGA169] | (3297) | (*1) |
| Micron | JWC68 | [LFBGA169] | (3297) | (*1) |
| Micron | JWC70 | [TFBGA153] | (3148) | (*1) |
| Micron | JWC72 | [TFBGA153] | (3147) | (*1) |
| Micron | JWC74 | [TFBGA153] | (3147) | (*1) |
| Micron | JWC76 | [TFBGA153] | (3147) | (*1) |
| Micron | JWC78 | [TFBGA153] | (3147) | (*1) |
| Micron | JWC79 | [VFBGA153] | (3148) | (*1) |
| Micron | JWC80 | [VFBGA153] | (3148) | (*1) |
| Micron | JWC84 | [TFBGA153] | (3148) | (*1) |
| Micron | JWC86 | [TBGA100]  | (3310) | (*1) |
| Micron | JWC88 | [TBGA100]  | (3310) | (*1) |
| Micron | JWC90 | [TBGA100]  | (3310) | (*1) |
| Micron | JWC92 | [TBGA100]  | (3310) | (*1) |
| Micron | JWC94 | [TBGA100]  | (3310) | (*1) |
| Micron | JWC96 | [TBGA100]  | (3310) | (*1) |
| Micron | JWC98 | [TBGA100]  | (3310) | (*1) |
| Micron | JWD01 | [TBGA100]  | (3310) | (*1) |
| Micron | JX192 | [FBGA168]  | (3258) |      |
| Micron | JY001 | [VFBGA153] | (3148) | (*1) |
| Micron | JY002 | [VFBGA153] | (3148) | (*1) |
| Micron | JY177 | [TFBGA137] | (3022) | (*1) |
| Micron | JY178 | [TFBGA137] | (3022) | (*1) |
| Micron | JY181 | [TFBGA137] | (3022) | (*1) |
| Micron | JY182 | [TFBGA137] | (3022) | (*1) |
| Micron | JY187 | [LFBGA169] | (2392) | (*1) |
| Micron | JY188 | [VFBGA152] | (1342) |      |
| Micron | JY189 | [VFBGA152] | (1342) |      |
| Micron | JY190 | [TFBGA137] | (3022) | (*1) |
| Micron | JY191 | [TFBGA137] | (3022) | (*1) |
| Micron | JY192 | [FBGA168]  | (3258) |      |
| Micron | JY193 | [FBGA168]  | (3258) |      |
| Micron | JY198 | [LFBGA169] | (2392) | (*1) |
| Micron | JY203 | [LFBGA169] | (2392) | (*1) |
| Micron | JY212 | [TFBGA137] | (3022) | (*1) |
| Micron | JY215 | [TFBGA137] | (3022) | (*1) |
| Micron | JY216 | [TFBGA107] | (687)  |      |
| Micron | JY217 | [TFBGA107] | (687)  |      |
| Micron | JY218 | [TFBGA107] | (1208) |      |
| Micron | JY219 | [TFBGA107] | (1208) |      |
| Micron | JY223 | [TFBGA107] | (687)  |      |
| Micron | JY224 | [TFBGA107] | (1208) |      |
| Micron | JY225 | [TFBGA107] | (1208) |      |
| Micron | JY226 | [VFBGA152] | (1342) |      |
| Micron | JY227 | [VFBGA152] | (1342) |      |
| Micron | JY231 | [TFBGA107] | (1208) |      |
| Micron | JY232 | [TFBGA107] | (1208) |      |
| Micron | JY255 | [FBGA168]  | (3258) |      |



|        |       |            |             |
|--------|-------|------------|-------------|
| Micron | JY256 | [FBGA168]  | (3258)      |
| Micron | JY257 | [TFBGA137] | (3022) (*1) |
| Micron | JY258 | [TFBGA137] | (3022) (*1) |
| Micron | JY259 | [TFBGA149] | (1094)      |
| Micron | JY260 | [TFBGA149] | (1094)      |
| Micron | JY261 | [TFBGA137] | (3022) (*1) |
| Micron | JY262 | [TFBGA137] | (3022) (*1) |
| Micron | JY263 | [TFBGA107] | (687)       |
| Micron | JY265 | [TFBGA107] | (1208)      |
| Micron | JY271 | [TFBGA107] | (687)       |
| Micron | JY278 | [TFBGA107] | (1208)      |
| Micron | JY287 | [TFBGA107] | (1208)      |
| Micron | JY288 | [TFBGA107] | (1208)      |
| Micron | JY291 | [TFBGA137] | (3022) (*1) |
| Micron | JY292 | [TFBGA137] | (3022) (*1) |
| Micron | JY296 | [TFBGA152] | (1342)      |
| Micron | JY297 | [TFBGA152] | (1342)      |
| Micron | JY301 | [TFBGA107] | (687)       |
| Micron | JY302 | [TFBGA137] | (3022) (*1) |
| Micron | JY303 | [TFBGA137] | (3022) (*1) |
| Micron | JY305 | [TFBGA137] | (3022) (*1) |
| Micron | JY306 | [TFBGA137] | (3022) (*1) |
| Micron | JY310 | [LBGA100]  | (2431) (*1) |
| Micron | JY311 | [LBGA100]  | (2431) (*1) |
| Micron | JY312 | [LBGA100]  | (2431) (*1) |
| Micron | JY313 | [LBGA100]  | (2431) (*1) |
| Micron | JY314 | [LBGA100]  | (2431) (*1) |
| Micron | JY315 | [LBGA100]  | (2431) (*1) |
| Micron | JY318 | [FBGA169]  | (2392) (*1) |
| Micron | JY319 | [FBGA169]  | (2392) (*1) |
| Micron | JY322 | [FBGA153]  | (2578) (*1) |
| Micron | JY323 | [FBGA153]  | (2578) (*1) |
| Micron | JY324 | [FBGA169]  | (2392) (*1) |
| Micron | JY325 | [FBGA169]  | (2392) (*1) |
| Micron | JY330 | [FBGA169]  | (2392) (*1) |
| Micron | JY331 | [FBGA169]  | (2392) (*1) |
| Micron | JY332 | [TFBGA137] | (3022) (*1) |
| Micron | JY333 | [TFBGA137] | (3022) (*1) |
| Micron | JY341 | [TFBGA107] | (687)       |
| Micron | JY343 | [TFBGA137] | (3022) (*1) |
| Micron | JY344 | [TFBGA137] | (3022) (*1) |
| Micron | JY366 | [TFBGA107] | (687)       |
| Micron | JY367 | [TFBGA107] | (687)       |
| Micron | JY368 | [TFBGA107] | (1208)      |
| Micron | JY369 | [TFBGA107] | (1208)      |
| Micron | JY370 | [TFBGA107] | (687)       |
| Micron | JY371 | [TFBGA107] | (687)       |
| Micron | JY372 | [TFBGA107] | (1208)      |
| Micron | JY373 | [TFBGA107] | (1208)      |
| Micron | JY374 | [VFBGA152] | (1342)      |
| Micron | JY375 | [VFBGA152] | (1342)      |
| Micron | JY380 | [TFBGA107] | (1208)      |
| Micron | JY381 | [TFBGA107] | (1208)      |
| Micron | JY384 | [VFBGA152] | (1342)      |
| Micron | JY385 | [VFBGA152] | (1342)      |
| Micron | JY387 | [TFBGA107] | (687)       |
| Micron | JY388 | [TFBGA107] | (687)       |
| Micron | JY389 | [TFBGA107] | (1208)      |
| Micron | JY390 | [TFBGA107] | (1208)      |
| Micron | JY399 | [VFBGA152] | (1342)      |
| Micron | JY400 | [VFBGA152] | (1342)      |
| Micron | JY413 | [LBGA100]  | (2431) (*1) |
| Micron | JY414 | [LBGA100]  | (2431) (*1) |
| Micron | JY417 | [LBGA100]  | (2431) (*1) |
| Micron | JY420 | [LBGA100]  | (2431) (*1) |
| Micron | JY421 | [LBGA100]  | (2431) (*1) |
| Micron | JY424 | [TFBGA107] | (687)       |
| Micron | JY425 | [LBGA100]  | (2431) (*1) |
| Micron | JY431 | [FBGA169]  | (2392) (*1) |
| Micron | JY432 | [FBGA169]  | (2392) (*1) |
| Micron | JY433 | [FBGA169]  | (2392) (*1) |
| Micron | JY434 | [FBGA169]  | (2392) (*1) |
| Micron | JY435 | [FBGA169]  | (2392) (*1) |
| Micron | JY436 | [TFBGA153] | (2578) (*1) |
| Micron | JY439 | [TFBGA153] | (2578) (*1) |
| Micron | JY440 | [FBGA169]  | (2392) (*1) |
| Micron | JY441 | [FBGA100]  | (3113) (*1) |
| Micron | JY442 | [FBGA100]  | (3113) (*1) |
| Micron | JY444 | [FBGA100]  | (3113) (*1) |
| Micron | JY445 | [TFBGA107] | (1208)      |
| Micron | JY446 | [TFBGA107] | (1208)      |
| Micron | JY447 | [FBGA100]  | (3113) (*1) |
| Micron | JY448 | [FBGA100]  | (3113) (*1) |
| Micron | JY449 | [FBGA100]  | (3113) (*1) |
| Micron | JY450 | [TFBGA153] | (2578) (*1) |
| Micron | JY454 | [TFBGA137] | (3022) (*1) |
| Micron | JY455 | [TFBGA169] | (2577) (*1) |
| Micron | JY460 | [TFBGA169] | (2577) (*1) |
| Micron | JY463 | [TFBGA153] | (2578) (*1) |
| Micron | JY464 | [TFBGA137] | (3022) (*1) |
| Micron | JY498 | [TFBGA137] | (3022) (*1) |
| Micron | JY500 | [TFBGA137] | (3022) (*1) |
| Micron | JY501 | [TFBGA137] | (3022) (*1) |
| Micron | JY507 | [TFBGA137] | (3022) (*1) |
| Micron | JY508 | [TFBGA137] | (3022) (*1) |
| Micron | JY509 | [TFBGA137] | (3022) (*1) |
| Micron | JY510 | [TFBGA137] | (3022) (*1) |
| Micron | JY517 | [FBGA153]  | (2578) (*1) |
| Micron | JY578 | [VFBGA130] | (2571) (*1) |
| Micron | JY579 | [VFBGA130] | (2571) (*1) |
| Micron | JY580 | [VFBGA130] | (2571) (*1) |
| Micron | JY581 | [VFBGA130] | (2571) (*1) |
| Micron | JY582 | [VFBGA130] | (2571) (*1) |
| Micron | JY583 | [VFBGA130] | (2571) (*1) |
| Micron | JY615 | [VFBGA130] | (2571) (*1) |
| Micron | JY616 | [VFBGA130] | (2571) (*1) |
| Micron | JY623 | [FBGA169]  | (2392) (*1) |
| Micron | JY636 | [VFBGA130] | (2571) (*1) |
| Micron | JY637 | [VFBGA130] | (2571) (*1) |
| Micron | JY649 | [VFBGA130] | (2571) (*1) |
| Micron | JY686 | [VFBGA153] | (2667) (*1) |
| Micron | JY739 | [TFBGA137] | (1287)      |
| Micron | JY740 | [TFBGA137] | (1287)      |
| Micron | JY775 | [VFBGA153] | (2667) (*1) |
| Micron | JY805 | [VFBGA130] | (2571) (*1) |
| Micron | JY885 | [FBGA162]  | (3125)      |
| Micron | JY887 | [FBGA162]  | (3125)      |
| Micron | JY923 | [VFBGA153] | (2634) (*1) |
| Micron | JY948 | [FBGA162]  | (3125)      |
| Micron | JY961 | [FBGA162]  | (3125)      |
| Micron | JY976 | [VFBGA153] | (3148) (*1) |
| Micron | JY978 | [VFBGA153] | (3148) (*1) |
| Micron | JY990 | [VFBGA162] | (3366)      |
| Micron | JY992 | [VFBGA162] | (3366)      |
| Micron | JY995 | [VFBGA153] | (3148) (*1) |
| Micron | JY996 | [VFBGA153] | (3148) (*1) |
| Micron | JY997 | [VFBGA153] | (3148) (*1) |
| Micron | JY998 | [VFBGA153] | (3148) (*1) |

|        |                |                          |             |
|--------|----------------|--------------------------|-------------|
| Micron | JYA32          | [VFBGA162]               | (3366)      |
| Micron | JYA35          | [VFBGA162]               | (3366)      |
| Micron | JZ086          | [LFBGA153]               | (3294) (*1) |
| Micron | JZ087          | [VFBGA153]               | (3148) (*1) |
| Micron | JZ088          | [VFBGA153]               | (3148) (*1) |
| Micron | JZ116          | [TBGA100]                | (3113) (*1) |
| Micron | JZ117          | [TBGA100]                | (3113) (*1) |
| Micron | M25P05-AV      | (ISP)                    | (138)       |
| Micron | M25P05-AV      | [S08]                    | (3095) (*1) |
| Micron | M25P05-AV      | [TSSOP8]                 | (1388)      |
| Micron | M25P05-AV      | [UFDFPN8]                | (3934) (*1) |
| Micron | M25P05-AV      | [VFQFPN8]                | (3097) (*1) |
| Micron | M25P10-AV      | (ISP)                    | (138)       |
| Micron | M25P10-AV      | [S08]                    | (3095) (*1) |
| Micron | M25P10-AV      | [UFDFPN8]                | (3934) (*1) |
| Micron | M25P10-AV      | [VFQFPN8]                | (3097) (*1) |
| Micron | M25P128-V      | (ISP)                    | (138)       |
| Micron | M25P128-V      | [S016]                   | (3101) (*1) |
| Micron | M25P128-V      | [VDFPN8]                 | (3053) (*1) |
| Micron | M25P16-V       |                          |             |
| Micron | M25P16-V       | (ISP)                    | (138)       |
| Micron | M25P16-V       | [S016]                   | (3101) (*1) |
| Micron | M25P16-V       | [S08N]                   | (3095) (*1) |
| Micron | M25P16-V       | [S08W]                   | (3088) (*1) |
| Micron | M25P16-V       | [UFDFPN8 4x3]            | (2430)      |
| Micron | M25P16-V       | [VDFPN8]                 | (3053) (*1) |
| Micron | M25P16-V       | [VDFPN8]                 | (3097) (*1) |
| Micron | M25P20-V       | (ISP)                    | (138)       |
| Micron | M25P20-V       | [S08]                    | (3095) (*1) |
| Micron | M25P20-V       | [VFQFPN8]                | (3097) (*1) |
| Micron | M25P32-V       | (ISP)                    | (138)       |
| Micron | M25P32-V       | [S016]                   | (3101) (*1) |
| Micron | M25P32-V       | [S08W]                   | (3088) (*1) |
| Micron | M25P32-V       | [VDFPN8]                 | (3053) (*1) |
| Micron | M25P32-V       | [VFQFPN8]                | (3097) (*1) |
| Micron | M25P40-V       | (ISP)                    | (138)       |
| Micron | M25P40-V       | [DFN8]                   | (3097) (*1) |
| Micron | M25P40-V       | [S08]                    | (3095) (*1) |
| Micron | M25P40-V       | [S08W]                   | (3088) (*1) |
| Micron | M25P40-V       | [UFDFPN8 2x3]            | (3934) (*1) |
| Micron | M25P40-V       | [UFDFPN8 4x3]            | (2430)      |
| Micron | M25P40-V       | [VDFPN8]                 | (3097) (*1) |
| Micron | M25P64-V       | (T9HX Process) (ISP)     | (138)       |
| Micron | M25P64-V       | [SOIC16] (T9HX Process)  | (3101) (*1) |
| Micron | M25P64-V       | [VDFPN8] (T9HX Process)  | (3053) (*1) |
| Micron | M25P80-V       |                          |             |
| Micron | M25P80-V       | (ISP)                    | (138)       |
| Micron | M25P80-V       | [S08N]                   | (3095) (*1) |
| Micron | M25P80-V       | [S08W]                   | (3088) (*1) |
| Micron | M25P80-V       | [UFDFPN8 4x3]            | (2430)      |
| Micron | M25P80-V       | [VDFPN8]                 | (3097) (*1) |
| Micron | M25PE10-V      | (T9HX Process) (ISP)     | (138)       |
| Micron | M25PE10-V      | (T9HX Process) [S08N]    | (3095) (*1) |
| Micron | M25PE10-V      | (T9HX Process) [VFQFPN8] | (3097) (*1) |
| Micron | M25PE16-V      | (ISP)                    | (138)       |
| Micron | M25PE16-V      | [S08W]                   | (3088) (*1) |
| Micron | M25PE16-V      | [VFQFPN8]                | (3097) (*1) |
| Micron | M25PE20-V      | (T9HX Process) (ISP)     | (138)       |
| Micron | M25PE20-V      | (T9HX Process) [S08N]    | (3095) (*1) |
| Micron | M25PE20-V      | (T9HX Process) [VFQFPN8] | (3097) (*1) |
| Micron | M25PE40-V      | (T9HX Process) (ISP)     | (138)       |
| Micron | M25PE40-V      | (T9HX Process) [S08N]    | (3095) (*1) |
| Micron | M25PE40-V      | (T9HX Process) [S08W]    | (3088) (*1) |
| Micron | M25PE40-V      | (T9HX Process) [VFQFPN8] | (3097) (*1) |
| Micron | M25PE80-V      | (T9HX Process) (ISP)     | (138)       |
| Micron | M25PE80-V      | (T9HX Process) [QFN8L]   | (3097) (*1) |
| Micron | M25PE80-V      | (T9HX Process) [S08N]    | (3095) (*1) |
| Micron | M25PE80-V      | (T9HX Process) [S08W]    | (3088) (*1) |
| Micron | M25PE80-V      | (T9HX Process) [VFQFPN8] | (3097) (*1) |
| Micron | M25PX16SOV     | [TBGA24]                 | (1343) (*1) |
| Micron | M25PX16SOV     | [TBGA24] (Dual I/O)      | (1343) (*1) |
| Micron | M25PX16-V      | (ISP)                    | (138)       |
| Micron | M25PX16-V      | [S08N]                   | (3095) (*1) |
| Micron | M25PX16-V      | [S08N] (Dual I/O)        | (3095) (*1) |
| Micron | M25PX16-V      | [S08W]                   | (3088) (*1) |
| Micron | M25PX16-V      | [S08W] (Dual I/O)        | (3088) (*1) |
| Micron | M25PX16-V      | [TBGA24]                 | (1343) (*1) |
| Micron | M25PX16-V      | [TBGA24] (Dual I/O)      | (1343) (*1) |
| Micron | M25PX16-V      | [VFQFPN8]                | (3097) (*1) |
| Micron | M25PX16-V      | [VFQFPN8] (Dual I/O)     | (3097) (*1) |
| Micron | M25PX32-V      | (ISP)                    | (138)       |
| Micron | M25PX32-V      | [S016]                   | (3101) (*1) |
| Micron | M25PX32-V      | [S016] (Dual I/O)        | (3101) (*1) |
| Micron | M25PX32-V      | [S08W]                   | (3088) (*1) |
| Micron | M25PX32-V      | [S08W] (Dual I/O)        | (3088) (*1) |
| Micron | M25PX32-V      | [TBGA24]                 | (1343) (*1) |
| Micron | M25PX32-V      | [TBGA24] (Dual I/O)      | (1343) (*1) |
| Micron | M25PX32-V      | [VFQFPN8]                | (3097) (*1) |
| Micron | M25PX32-V      | [VFQFPN8] (Dual I/O)     | (3097) (*1) |
| Micron | M25PX64SOV     | [S016]                   | (3101) (*1) |
| Micron | M25PX64SOV     | [S016] (Dual I/O)        | (3101) (*1) |
| Micron | M25PX64SOV     | [TBGA24]                 | (1343) (*1) |
| Micron | M25PX64SOV     | [TBGA24] (Dual I/O)      | (1343) (*1) |
| Micron | M25PX64-V      | (ISP)                    | (138)       |
| Micron | M25PX64-V      | [S016]                   | (3101) (*1) |
| Micron | M25PX64-V      | [S016] (Dual I/O)        | (3101) (*1) |
| Micron | M25PX64-V      | [TBGA24]                 | (1343) (*1) |
| Micron | M25PX64-V      | [TBGA24] (Dual I/O)      | (1343) (*1) |
| Micron | M25PX64-V      | [VDFPN8]                 | (3053) (*1) |
| Micron | M25PX64-V      | [VDFPN8] (Dual I/O)      | (3053) (*1) |
| Micron | M25PX80-V      |                          |             |
| Micron | M25PX80-V      | (ISP)                    | (138)       |
| Micron | M25PX80-V      | [S08N]                   | (3095) (*1) |
| Micron | M25PX80-V      | [S08N] (Dual I/O)        | (3095) (*1) |
| Micron | M25PX80-V      | [S08W]                   | (3088) (*1) |
| Micron | M25PX80-V      | [S08W] (Dual I/O)        | (3088) (*1) |
| Micron | M25PX80-V      | [VFQFPN8]                | (3097) (*1) |
| Micron | M25PX80-V      | [VFQFPN8] (Dual I/O)     | (3097) (*1) |
| Micron | M28W160CB      | [TSOP48]                 | (1346)      |
| Micron | M28W160CBxxZB  | [TFBGA46]                | (834)       |
| Micron | M28W160CT      | [TSOP48]                 | (1346)      |
| Micron | M28W160CTxxZB  | [TFBGA46]                | (834)       |
| Micron | M28W160ECB     | [TSOP48]                 | (1346)      |
| Micron | M28W160ECBxxZB | [TFBGA46]                | (834)       |
| Micron | M28W160ECT     | [TSOP48]                 | (1346)      |
| Micron | M28W160ECTxxZB | [TFBGA46]                | (834)       |
| Micron | M28W320FCB     | [TSOP48]                 | (1346)      |
| Micron | M28W320FCBxxZB | [TFBGA47]                | (834)       |
| Micron | M28W320FCT     | [TSOP48]                 | (1346)      |
| Micron | M28W320FCTxxZB | [TFBGA47]                | (834)       |
| Micron | M28W640FCB     | [TSOP48]                 | (1346)      |
| Micron | M28W640FCBxxZB | [TFBGA48]                | (1017)      |
| Micron | M28W640HCB     | [TSOP48]                 | (1346)      |
| Micron | M28W640HCBxxZB | [TBGA48]                 | (1017)      |
| Micron | M28W640HCT     | [TSOP48]                 | (1346)      |
| Micron | M28W640HCTxxZB | [TBGA48]                 | (1017)      |
| Micron | M29DW127G      | [TBGA64]                 | (775)       |
| Micron | M29DW127G      | [TSOP56]                 | (3080)      |

|        |                     |           |        |
|--------|---------------------|-----------|--------|
| Micron | M29DW128G           | [TBGA64]  | (775)  |
| Micron | M29DW128G           | [TSOP56]  | (3080) |
| Micron | M29DW256G           | [FBGA64]  | (1319) |
| Micron | M29DW256G           | [TBGA64]  | (775)  |
| Micron | M29DW256G           | [TSOP56]  | (3080) |
| Micron | M29DW323DB          | [TSOP48]  | (1346) |
| Micron | M29DW323DBxxZE      | [TFBGA48] | (859)  |
| Micron | M29DW323DT          | [TSOP48]  | (1346) |
| Micron | M29DW323DTxxZE      | [TFBGA48] | (859)  |
| Micron | M29F160FB           | [TSOP48]  | (1346) |
| Micron | M29F160FT           | [TSOP48]  | (1346) |
| Micron | M29F200FB           | [PSOP44]  | (1356) |
| Micron | M29F200FB           | [TSOP48]  | (1346) |
| Micron | M29F200FT           | [PSOP44]  | (1356) |
| Micron | M29F200FT           | [TSOP48]  | (1346) |
| Micron | M29F400FB           | [PSOP44]  | (1356) |
| Micron | M29F400FB           | [TSOP48]  | (1346) |
| Micron | M29F400FT           | [PSOP44]  | (1356) |
| Micron | M29F400FT           | [TSOP48]  | (1346) |
| Micron | M29F800FB           | [PSOP44]  | (1356) |
| Micron | M29F800FB           | [TSOP48]  | (1346) |
| Micron | M29F800FT           | [PSOP44]  | (1356) |
| Micron | M29F800FT           | [TSOP48]  | (1346) |
| Micron | M29W064FB           | [TSOP48]  | (1346) |
| Micron | M29W064FBxxZA       | [TFBGA48] | (859)  |
| Micron | M29W064FT           | [TSOP48]  | (1346) |
| Micron | M29W064FTxxZA       | [TFBGA48] | (859)  |
| Micron | M29W128FHxxN        | [TSOP56]  | (3080) |
| Micron | M29W128FHxxZA       | [TBGA64]  | (775)  |
| Micron | M29W128FLxxN        | [TSOP56]  | (3080) |
| Micron | M29W128FLxxZA       | [TBGA64]  | (775)  |
| Micron | M29W128GHxxN        | [TSOP56]  | (3080) |
| Micron | M29W128GHxxZA       | [TBGA64]  | (775)  |
| Micron | M29W128GHxxZS       | [LBGA64]  | (1319) |
| Micron | M29W128GLxxN        | [TSOP56]  | (3080) |
| Micron | M29W128GLxxZA       | [TBGA64]  | (775)  |
| Micron | M29W128GLxxZS       | [LBGA64]  | (1319) |
| Micron | M29W128GSHxxN       | [TSOP56]  | (3080) |
| Micron | M29W128GSHxxZA      | [TBGA64]  | (775)  |
| Micron | M29W128GSHxxZS      | [LBGA64]  | (1319) |
| Micron | M29W128GSLxxN       | [TSOP56]  | (3080) |
| Micron | M29W128GSLxxZA      | [TBGA64]  | (775)  |
| Micron | M29W128GSLxxZS      | [LBGA64]  | (1319) |
| Micron | M29W160EBxxN        | [TSOP48]  | (1346) |
| Micron | M29W160EBxxZA       | [TFBGA48] | (859)  |
| Micron | M29W160EBxxZS       | [TFBGA64] | (922)  |
| Micron | M29W160ETxxN        | [TSOP48]  | (1346) |
| Micron | M29W160ETxxZA       | [TFBGA48] | (859)  |
| Micron | M29W160ETxxZS       | [TFBGA64] | (922)  |
| Micron | M29W256GHxxN        | [TSOP56]  | (3080) |
| Micron | M29W256GHxxZA       | [TBGA64]  | (1233) |
| Micron | M29W256GHxxZS       | [LBGA64]  | (938)  |
| Micron | M29W256GLxxN        | [TSOP56]  | (3080) |
| Micron | M29W256GLxxZA       | [TBGA64]  | (1233) |
| Micron | M29W256GLxxZS       | [LBGA64]  | (938)  |
| Micron | M29W256GSHxxZS      | [FBGA64]  | (1319) |
| Micron | M29W256GSLxxZS      | [FBGA64]  | (1319) |
| Micron | M29W320DB           | [TSOP48]  | (1346) |
| Micron | M29W320DBxxZE       | [TFBGA48] | (859)  |
| Micron | M29W320DT           | [TSOP48]  | (1346) |
| Micron | M29W320DTxxZE       | [TFBGA48] | (859)  |
| Micron | M29W320EB           | [TSOP48]  | (1346) |
| Micron | M29W320EBxxZE       | [TFBGA48] | (859)  |
| Micron | M29W320EBxxZF       | [TFBGA64] | (543)  |
| Micron | M29W320EBxxZS       | [FBGA64]  | (922)  |
| Micron | M29W320ET           | [TSOP48]  | (1346) |
| Micron | M29W320ETxxZE       | [TFBGA48] | (859)  |
| Micron | M29W320ETxxZF       | [TFBGA64] | (543)  |
| Micron | M29W320ETxxZS       | [FBGA64]  | (922)  |
| Micron | M29W400DB           | [TSOP48]  | (1346) |
| Micron | M29W400DBxxZE       | [TFBGA48] | (859)  |
| Micron | M29W400DT           | [TSOP48]  | (1346) |
| Micron | M29W400DTxxZE       | [TFBGA48] | (859)  |
| Micron | M29W512GHxxN        | [TSOP56]  | (3080) |
| Micron | M29W640FB           | [TSOP48]  | (1346) |
| Micron | M29W640FBxxZA       | [TFBGA48] | (859)  |
| Micron | M29W640FT           | [TSOP48]  | (1346) |
| Micron | M29W640FTxxZA       | [TFBGA48] | (859)  |
| Micron | M29W640GB           | [TSOP48]  | (1346) |
| Micron | M29W640GB           | [TSOP56]  | (3080) |
| Micron | M29W640GBxxZA       | [TFBGA48] | (859)  |
| Micron | M29W640GBxxZF       | [TFBGA64] | (543)  |
| Micron | M29W640GBxxZS       | [FBGA64]  | (922)  |
| Micron | M29W640GH           | [TSOP48]  | (1346) |
| Micron | M29W640GH           | [TSOP56]  | (3080) |
| Micron | M29W640GHxxZA       | [TFBGA48] | (859)  |
| Micron | M29W640GHxxZF       | [TFBGA64] | (543)  |
| Micron | M29W640GHxxZS       | [FBGA64]  | (922)  |
| Micron | M29W640GL           | [TSOP48]  | (1346) |
| Micron | M29W640GL           | [TSOP56]  | (3080) |
| Micron | M29W640GLxxZA       | [TFBGA48] | (859)  |
| Micron | M29W640GLxxZF       | [TFBGA64] | (543)  |
| Micron | M29W640GLxxZS       | [FBGA64]  | (922)  |
| Micron | M29W640GSBxxNA      | [TSOP48]  | (1346) |
| Micron | M29W640GSBxxNB      | [TSOP56]  | (3080) |
| Micron | M29W640GSBxxZA      | [TFBGA48] | (859)  |
| Micron | M29W640GSBxxZF      | [TBGA64]  | (775)  |
| Micron | M29W640GSBxxZS      | [FBGA64]  | (1319) |
| Micron | M29W640GSHxxNA      | [TSOP48]  | (1346) |
| Micron | M29W640GSHxxNB      | [TSOP56]  | (3080) |
| Micron | M29W640GSHxxZA      | [TFBGA48] | (859)  |
| Micron | M29W640GSHxxZF      | [TBGA64]  | (775)  |
| Micron | M29W640GSHxxZS      | [FBGA64]  | (1319) |
| Micron | M29W640GSLxxNA      | [TSOP48]  | (1346) |
| Micron | M29W640GSLxxNB      | [TSOP56]  | (3080) |
| Micron | M29W640GSLxxZA      | [TFBGA48] | (859)  |
| Micron | M29W640GSLxxZF      | [TBGA64]  | (775)  |
| Micron | M29W640GSLxxZS      | [FBGA64]  | (1319) |
| Micron | M29W640GSTxxNA      | [TSOP48]  | (1346) |
| Micron | M29W640GSTxxNB      | [TSOP56]  | (3080) |
| Micron | M29W640GSTxxZA      | [TFBGA48] | (859)  |
| Micron | M29W640GSTxxZF      | [TBGA64]  | (775)  |
| Micron | M29W640GSTxxZS      | [FBGA64]  | (1319) |
| Micron | M29W640GT           | [TSOP48]  | (1346) |
| Micron | M29W640GT           | [TSOP56]  | (3080) |
| Micron | M29W640GTxxZA       | [TFBGA48] | (859)  |
| Micron | M29W640GTxxZF       | [TFBGA64] | (543)  |
| Micron | M29W640GTxxZS       | [FBGA64]  | (922)  |
| Micron | M29W800DB           | [TSOP48]  | (1346) |
| Micron | M29W800DBxxZE       | [TFBGA48] | (859)  |
| Micron | M29W800DT           | [TSOP48]  | (1346) |
| Micron | M29W800DTxxZE       | [TFBGA48] | (859)  |
| Micron | M29W800FBxxZA       | [TFBGA48] | (859)  |
| Micron | M29W800FTxxZA       | [TFBGA48] | (859)  |
| Micron | M45PE10-V (ISP)     |           | (138)  |
| Micron | M45PE10-V [S08N]    |           | (1396) |
| Micron | M45PE10-V [VFQFPN8] |           | (1391) |
| Micron | M45PE16-V (ISP)     |           | (138)  |

|        |                                        |              |
|--------|----------------------------------------|--------------|
| Micron | M45PE16-v [SO8w]                       | (3104) (*1)  |
| Micron | M45PE16-v [VFQFPN8]                    | (1391)       |
| Micron | M45PE20-v [ISP]                        | (138)        |
| Micron | M45PE20-v [SO8N]                       | (1396)       |
| Micron | M45PE20-v [VFQFPN8]                    | (1391)       |
| Micron | M45PE40-v [ISP]                        | (138)        |
| Micron | M45PE40-v [SO8N]                       | (1396)       |
| Micron | M45PE40-v [SO8w]                       | (3104) (*1)  |
| Micron | M45PE40-v [VFQFPN8]                    | (1391)       |
| Micron | M45PE80-v [ISP]                        | (138)        |
| Micron | M45PE80-v [QFN8L]                      | (1391)       |
| Micron | M45PE80-v [SO8N]                       | (1396)       |
| Micron | M45PE80-v [SO8w]                       | (3104) (*1)  |
| Micron | M45PE80-v [VFQFPN8]                    | (1391)       |
| Micron | M58BW016FB [PQFP80]                    | (471)        |
| Micron | M58BW016FT [PQFP80]                    | (471)        |
| Micron | M58LR128HCxxZB [VFBGA44]               | (1023)       |
| Micron | M58LR128HDXxZB [VFBGA44]               | (1023)       |
| Micron | M58WR032KB [TFBGA88]                   | (637)        |
| Micron | M58WR032KB [VFBGA56]                   | (729)        |
| Micron | MT25QL01GBBA8E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QL01GBBAxE [ISP]                   | (138) (9997) |
| Micron | MT25QL01GBBB8E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QL01GBBB8E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QL01GBBBxE [ISP]                   | (138) (9997) |
| Micron | MT25QL02GCBAA8E12 [TBGA24] (Quad I/O)  | (3122)       |
| Micron | MT25QL02GCBAAxE [ISP]                  | (138) (9997) |
| Micron | MT25QL02GCB8E12 [TBGA24] (Quad I/O)    | (3122)       |
| Micron | MT25QL02GCB8xE [ISP]                   | (138) (9997) |
| Micron | MT25QL128ABA1E [DFN8 6x5] (Quad I/O)   | (4117) (*1)  |
| Micron | MT25QL128ABA1E [DFN8 8x6] (Quad I/O)   | (3926) (*1)  |
| Micron | MT25QL128ABA1E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QL128ABA1E [So8w] (Quad I/O)       | (3087) (*1)  |
| Micron | MT25QL128ABA8E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QL128ABA8E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QL128ABA8E12-1 [TBGA24] (Quad I/O) | (3122)       |
| Micron | MT25QL128ABA8E14-1 [TBGA24] (Quad I/O) | (3128)       |
| Micron | MT25QL128ABAxE [ISP]                   | (138) (9997) |
| Micron | MT25QL256ABA1E [DFN8 6x5] (Quad I/O)   | (4117) (*1)  |
| Micron | MT25QL256ABA1E [DFN8 8x6] (Quad I/O)   | (3926) (*1)  |
| Micron | MT25QL256ABA1E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QL256ABA8E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QL256ABA8E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QL256ABA8E12-1 [TBGA24] (Quad I/O) | (3122)       |
| Micron | MT25QL256ABAxE [ISP]                   | (138) (9997) |
| Micron | MT25QL512ABA1E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QL512ABA1E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QL512ABA8E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QL512ABA8E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QL512ABAxE [ISP]                   | (138) (9997) |
| Micron | MT25QL512ABB1E [DFN8 8x6] (Quad I/O)   | (3926) (*1)  |
| Micron | MT25QL512ABB8E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QL512ABB8E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QL512ABBxE [ISP]                   | (138) (9997) |
| Micron | MT25QU01GBBA8E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QU01GBBAxE [ISP]                   | (138) (9997) |
| Micron | MT25QU01GBBB8E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QU01GBBB8E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QU01GBBBxE [ISP]                   | (138) (9997) |
| Micron | MT25QU02GCBAA8E12 [TBGA24] (Quad I/O)  | (3122)       |
| Micron | MT25QU02GCBAAxE [ISP]                  | (138) (9997) |
| Micron | MT25QU02GCB8E12 [TBGA24] (Quad I/O)    | (3122)       |
| Micron | MT25QU02GCB8xE [ISP]                   | (138) (9997) |
| Micron | MT25QU128ABA1E [DFN8 6x5] (Quad I/O)   | (4117) (*1)  |
| Micron | MT25QU128ABA1E [DFN8 8x6] (Quad I/O)   | (3926) (*1)  |
| Micron | MT25QU128ABA1E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QU128ABA1E [So8w] (Quad I/O)       | (3087) (*1)  |
| Micron | MT25QU128ABA1E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QU128ABA8E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QU128ABA8E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QU128ABAxE [ISP]                   | (138) (9997) |
| Micron | MT25QU256ABA1E [DFN8 6x5] (Quad I/O)   | (4117) (*1)  |
| Micron | MT25QU256ABA1E [DFN8 8x6] (Quad I/O)   | (3926) (*1)  |
| Micron | MT25QU256ABA8E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QU256ABA8E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QU512ABA1E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QU512ABA1E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QU512ABA8E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QU512ABA8E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25QU512ABAxE [ISP]                   | (138) (9997) |
| Micron | MT25QU512ABB1E [DFN8 8x6] (Quad I/O)   | (3926) (*1)  |
| Micron | MT25QU512ABB8E [So16w] (Quad I/O)      | (3100) (*1)  |
| Micron | MT25QU512ABB8E12 [TBGA24] (Quad I/O)   | (3122)       |
| Micron | MT25TL256BBA8E [So16w] (Twin-Quad I/O) | (3100) (*1)  |
| Micron | MT28EW01GABA1HJS0 [TSOP56]             | (3161)       |
| Micron | MT28EW01GABA1HPC0 [BGA64]              | (1109)       |
| Micron | MT28EW01GABA1HPC1 [BGA64]              | (1109)       |
| Micron | MT28EW01GABA1LJS0 [TSOP56]             | (3160)       |
| Micron | MT28EW01GABA1LPC0 [BGA64]              | (4582)       |
| Micron | MT28EW128ABA1HJS0 [TSOP56]             | (3079)       |
| Micron | MT28EW128ABA1HPC0 [BGA64]              | (938)        |
| Micron | MT28EW128ABA1LJS0 [TSOP56]             | (3079)       |
| Micron | MT28EW128ABA1LPC0 [BGA64]              | (938)        |
| Micron | MT28EW128ABA1LPN0 [VFBGA56]            | (2772)       |
| Micron | MT28EW256ABA1HJS0 [TSOP56]             | (3079)       |
| Micron | MT28EW256ABA1HPC0 [BGA64]              | (938)        |
| Micron | MT28EW256ABA1HPN0 [VFBGA56]            | (2772)       |
| Micron | MT28EW256ABA1LJS0 [TSOP56]             | (3079)       |
| Micron | MT28EW256ABA1LPC0 [BGA64]              | (938)        |
| Micron | MT28EW512ABA1HJS0 [TSOP56]             | (3080)       |
| Micron | MT28EW512ABA1HPC0 [BGA64]              | (938)        |
| Micron | MT28EW512ABA1HPC1 [BGA64]              | (938)        |
| Micron | MT28EW512ABA1LJS0 [TSOP56]             | (3080)       |
| Micron | MT28EW512ABA1LPC0 [BGA64]              | (938)        |
| Micron | MT28EW512ABA1LPC1 [BGA64]              | (938)        |
| Micron | MT28F002B1VG-xxB [TSOP40]              | (1368)       |
| Micron | MT28F002B1VG-xxT [TSOP40]              | (1368)       |
| Micron | MT28F002B3VG-B [TSOP40]                | (1368)       |
| Micron | MT28F002B3VG-T [TSOP40]                | (1368)       |
| Micron | MT28F002B5VG-B [TSOP40]                | (1368)       |
| Micron | MT28F002B5VG-T [TSOP40]                | (1368)       |
| Micron | MT28F004B1VG-xxB [TSOP40]              | (1368)       |
| Micron | MT28F004B1VG-xxT [TSOP40]              | (1368)       |
| Micron | MT28F004B3VG-B [TSOP40]                | (1368)       |
| Micron | MT28F004B3VG-T [TSOP40]                | (1368)       |
| Micron | MT28F004B5VG-xxB [TSOP40]              | (1368)       |
| Micron | MT28F004B5VG-xxT [TSOP40]              | (1368)       |
| Micron | MT28F008B3VG-B [TSOP40]                | (1368)       |
| Micron | MT28F008B3VG-T [TSOP40]                | (1368)       |
| Micron | MT28F008B5VG-B [TSOP40]                | (1368)       |
| Micron | MT28F008B5VG-T [TSOP40]                | (1368)       |
| Micron | MT28F016S5VG [TSOP40]                  | (1369)       |
| Micron | MT28F128J3 [FBGA64]                    | (943)        |
| Micron | MT28F128J3 [TSOP56]                    | (1400)       |
| Micron | MT28F160C34FD-B [FBGA46]               | (716)        |
| Micron | MT28F160C34FD-T [FBGA46]               | (716)        |
| Micron | MT28F160C3FD-B [FBGA46]                | (716)        |
| Micron | MT28F160C3FD-T [FBGA46]                | (716)        |

|        |                       |                        |                    |
|--------|-----------------------|------------------------|--------------------|
| Micron | MT28F200B1SG-xxB      | [PSOP44]               | (1356)             |
| Micron | MT28F200B1SG-xxT      | [PSOP44]               | (1356)             |
| Micron | MT28F200B1WG-xxB      | [TSOP48]               | (1346)             |
| Micron | MT28F200B1WG-xxT      | [TSOP48]               | (1346)             |
| Micron | MT28F200B3SG-B        | [PSOP44]               | (1356)             |
| Micron | MT28F200B3SG-T        | [PSOP44]               | (1356)             |
| Micron | MT28F200B3WG-B        | [TSOP48]               | (1346)             |
| Micron | MT28F200B3WG-T        | [TSOP48]               | (1346)             |
| Micron | MT28F200B5SG-B        | [PSOP44]               | (1356)             |
| Micron | MT28F200B5SG-T        | [PSOP44]               | (1356)             |
| Micron | MT28F200B5WG-B        | [TSOP48]               | (1346)             |
| Micron | MT28F200B5WG-T        | [TSOP48]               | (1346)             |
| Micron | MT28F256J3            | [FBGA64]               | (1297)             |
| Micron | MT28F256J3            | [TSOP56]               | (1400)             |
| Micron | MT28F320J3            | [FBGA64]               | (943)              |
| Micron | MT28F320J3            | [TSOP56]               | (1400)             |
| Micron | MT28F322P3FJ-B        | [FBGA48]               | (718)              |
| Micron | MT28F322P3FJ-T        | [FBGA48]               | (718)              |
| Micron | MT28F400B1SG-xxB      | [PSOP44]               | (1356)             |
| Micron | MT28F400B1SG-xxT      | [PSOP44]               | (1356)             |
| Micron | MT28F400B1WG-xxB      | [TSOP48]               | (1346)             |
| Micron | MT28F400B1WG-xxT      | [TSOP48]               | (1346)             |
| Micron | MT28F400B3SG-B        | [PSOP44]               | (1356)             |
| Micron | MT28F400B3SG-T        | [PSOP44]               | (1356)             |
| Micron | MT28F400B3WG-B        | [TSOP48]               | (1346)             |
| Micron | MT28F400B3WG-T        | [TSOP48]               | (1346)             |
| Micron | MT28F400B5SG-xxB      | [PSOP44]               | (1356)             |
| Micron | MT28F400B5SG-xxT      | [PSOP44]               | (1356)             |
| Micron | MT28F400B5WG-xxB      | [TSOP48]               | (1346)             |
| Micron | MT28F400B5WG-xxT      | [TSOP48]               | (1346)             |
| Micron | MT28F640J3            | [FBGA64]               | (943)              |
| Micron | MT28F640J3            | [TSOP56]               | (1400)             |
| Micron | MT28F644W18BE-B       | [VFBGA56]              | (733)              |
| Micron | MT28F644W18BE-T       | [VFBGA56]              | (733)              |
| Micron | MT28F644W18BE-KB      | [VFBGA56]              | (733)              |
| Micron | MT28F644W18BE-KT      | [VFBGA56]              | (733)              |
| Micron | MT28F644W18FE-B       | [VFBGA56]              | (733)              |
| Micron | MT28F644W18FE-T       | [VFBGA56]              | (733)              |
| Micron | MT28F644W18FE-KB      | [VFBGA56]              | (733)              |
| Micron | MT28F644W18FE-KT      | [VFBGA56]              | (733)              |
| Micron | MT28F644W30BE-B       | [VFBGA56]              | (733)              |
| Micron | MT28F644W30BE-T       | [VFBGA56]              | (733)              |
| Micron | MT28F644W30BE-KB      | [VFBGA56]              | (733)              |
| Micron | MT28F644W30BE-KT      | [VFBGA56]              | (733)              |
| Micron | MT28F644W30FE-B       | [VFBGA56]              | (733)              |
| Micron | MT28F644W30FE-T       | [VFBGA56]              | (733)              |
| Micron | MT28F644W30FE-KB      | [VFBGA56]              | (733)              |
| Micron | MT28F644W30FE-KT      | [VFBGA56]              | (733)              |
| Micron | MT28F800B1SG-xxB      | [PSOP44]               | (1356)             |
| Micron | MT28F800B1SG-xxT      | [PSOP44]               | (1356)             |
| Micron | MT28F800B1WG-xxB      | [TSOP48]               | (1346)             |
| Micron | MT28F800B1WG-xxT      | [TSOP48]               | (1346)             |
| Micron | MT28F800B3SG-B        | [PSOP44]               | (1356)             |
| Micron | MT28F800B3SG-T        | [PSOP44]               | (1356)             |
| Micron | MT28F800B3WG-B        | [TSOP48]               | (1346)             |
| Micron | MT28F800B3WG-T        | [TSOP48]               | (1346)             |
| Micron | MT28F800B5SG-B        | [PSOP44]               | (1356)             |
| Micron | MT28F800B5SG-T        | [PSOP44]               | (1356)             |
| Micron | MT28F800B5WG-B        | [TSOP48]               | (1346)             |
| Micron | MT28F800B5WG-T        | [TSOP48]               | (1346)             |
| Micron | MT28FW01GABA1HJ50     | [TSOP56]               | (3160)             |
| Micron | MT28FW01GABA1HPC0     | [BGA64]                | (1109)             |
| Micron | MT28FW01GABA1LJ50     | [TSOP56]               | (3160)             |
| Micron | MT28FW02GBBA1HPC0     | [BGA64]                | (4582)             |
| Micron | MT28FW512ABA1HJ50     | [TSOP56]               | (3079)             |
| Micron | MT28FW512ABA1HPC0     | [BGA64]                | (938)              |
| Micron | MT28FW512ABA1LJ50     | [TSOP56]               | (3079)             |
| Micron | MT28FW512ABA1LPC0     | [BGA64]                | (938)              |
| Micron | MT28GU01GAXA1EGC      | [TBGA64]               | (1307)             |
| Micron | MT28GU01GAXA1EGC      | (BEFP)                 | (1307)             |
| Micron | MT28GU128AXA1EGC      | [TBGA64]               | (1307)             |
| Micron | MT28GU128AXA1EGC      | (BEFP)                 | (1307)             |
| Micron | MT28GU256AXA1EGC      | [TBGA64]               | (1307)             |
| Micron | MT28GU256AXA1EGC      | (BEFP)                 | (1307)             |
| Micron | MT28GU512AXA1EGC      | [TBGA64]               | (1307)             |
| Micron | MT28GU512AXA1EGC      | (BEFP)                 | (1307)             |
| Micron | MT29C1G12MAACVAMD-x   | IT [VFBGA130]          | (2571) (*1)        |
| Micron | MT29C1G12MAACYAMD-x   | IT [VFBGA130]          | (2571) (*1)        |
| Micron | MT29C1G12MAADVAMD-x   | IT [VFBGA130]          | (2571) (*1)        |
| Micron | MT29C1G12MAADYAMD-x   | IT [VFBGA130]          | (2571) (*1)        |
| Micron | MT29C1G12MAAJVAMD-x   | IT [VFBGA130]          | (2571) (*1)        |
| Micron | MT29C1G12MAAJYAMD-x   | IT [VFBGA130]          | (2571) (*1)        |
| Micron | MT29C1G12MAAJYAMD-x   | IT [VFBGA130] (NVD-01) | (2571) (*1)        |
| Micron | MT29C1G12MACNA        | [TFBGA107] IAC-01      | (687)              |
| Micron | MT29C1G12MACNAJC      | [TFBGA107]             | (687)              |
| Micron | MT29C1G12MACPAJC      | [TFBGA107]             | (687)              |
| Micron | MT29C1G12MADCAJA      | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C1G12MADNAJC      | [TFBGA107]             | (1208)             |
| Micron | MT29C1G12MADPAJC      | [TFBGA107]             | (1208)             |
| Micron | MT29C1G12MADRACG      | [VFBGA152]             | (1342)             |
| Micron | MT29C1G12MAUNAJC      | [TFBGA107]             | (687)              |
| Micron | MT29C1G12MAUPAJC      | [TFBGA107]             | (687)              |
| Micron | MT29C1G12MAURACA      | [VFBGA152]             | (1342)             |
| Micron | MT29C1G12MAUTAJA      | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C1G12MAVNAJC      | [TFBGA107]             | (1208)             |
| Micron | MT29C1G12MAVPAJC      | [TFBGA107]             | (1208)             |
| Micron | MT29C1G12MAVRACA      | [VFBGA152]             | (1342)             |
| Micron | MT29C1G12MAVRAJA      | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C1G12MAVTAJA      | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C1G24MADLAJA      | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C1G56MACEAJC      | [TFBGA107]             | (687)              |
| Micron | MT29C1G56MACFA        | [TFBGA107] IAC-01      | (687)              |
| Micron | MT29C1G56MACFAJC      | [TFBGA107]             | (687)              |
| Micron | MT29C1G56MADEAJC      | [TFBGA107]             | (1208)             |
| Micron | MT29C1G56MADF AJC     | [TFBGA107]             | (1208)             |
| Micron | MT29C1G56MAUAAAJC     | [TFBGA107]             | (687)              |
| Micron | MT29C1G56MAUZAJC      | [TFBGA107]             | (687)              |
| Micron | MT29C1G56MAVAAAJC     | [TFBGA107]             | (1208)             |
| Micron | MT29C1G56MAVZAJC      | [TFBGA107]             | (1208)             |
| Micron | MT29C2G12MAJNAJC      | [TFBGA107]             | (687)              |
| Micron | MT29C2G12MAKNAJC      | [TFBGA107]             | (1208)             |
| Micron | MT29C2G24MAAAAHAMD-IT | [VFBGA130]             | (2571) (*1)        |
| Micron | MT29C2G24MAAAAHAMD-IT | [VFBGA130]             | (2571) (*1)        |
| Micron | MT29C2G24MAABAHAMD-IT | [VFBGA130]             | (2571) (*1)        |
| Micron | MT29C2G24MAABAHAMD-IT | [VFBGA130] (EPS-1)     | (2571) (9999) (*1) |
| Micron | MT29C2G24MAABAKAMD-IT | [VFBGA130]             | (2571) (*1)        |
| Micron | MT29C2G24MAJAJC       | [TFBGA107]             | (687)              |
| Micron | MT29C2G24MAKJAJC      | [TFBGA107]             | (1208)             |
| Micron | MT29C2G24MAKLCAG      | [VFBGA152]             | (1342)             |
| Micron | MT29C2G24MAKLAJA      | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C2G24MAKLAJG-x    | IT [FBGA168]           | (3258)             |
| Micron | MT29C2G48MAKJCJC      | [TFBGA107]             | (1208)             |
| Micron | MT29C2G48MAKLCJA      | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C2G48MAKLCJI-x    | IT [FBGA168]           | (3258)             |
| Micron | MT29C4G12MAPNAHB      | [TFBGA149]             | (1094)             |
| Micron | MT29C4G24MAPLAJA      | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C4G48MAAGBBAKS-x  | IT [VFBGA137]          | (3047) (*1)        |
| Micron | MT29C4G48MAAGBBAKS-x  | WT [VFBGA137]          | (3047) (*1)        |

|        |                         |                        |                    |
|--------|-------------------------|------------------------|--------------------|
| Micron | MT29C4G48MAPLCCA        | [VFBGA152]             | (1342)             |
| Micron | MT29C4G48MAPLCJA        | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C4G48MAPLCJQ        | [TFBGA152]             | (1342)             |
| Micron | MT29C4G48MAYAPAKD       | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C4G48MAYBAKS-x      | WT [TFBGA137]          | (1287)             |
| Micron | MT29C4G48MAYBBKS-x      | IT [VFBGA137]          | (3214)             |
| Micron | MT29C4G48MAYBBAMR-x     | IT [VFBGA130]          | (2571) (*1)        |
| Micron | MT29C4G48MAZAPAKD       | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C4G48MAZBAKS-x      | E WT [TFBGA137]        | (1287)             |
| Micron | MT29C4G48MAZBAKS-x      | WT [TFBGA137]          | (1287)             |
| Micron | MT29C4G96MAYBACKD-x     | WT [TFBGA137]          | (3022) (*1)        |
| Micron | MT29C4G96MAZAPCJA       | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C4G96MAZBACKD-x     | E WT [TFBGA137]        | (3022) (*1)        |
| Micron | MT29C4G96MAZBACKD-x     | WT [TFBGA137]          | (3022) (*1)        |
| Micron | MT29C8G48MAPLDJA        | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C8G48MAZAPBJA       | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C8G96MAYBADJV-x     | [FBGA168]              | (3258)             |
| Micron | MT29C8G96MAYBADKD-x     | WT [TFBGA137]          | (3022) (*1)        |
| Micron | MT29C8G96MAZAPDJA       | [TFBGA137]             | (3022) (*1)        |
| Micron | MT29C8G96MAZBADKD-x     | WT [TFBGA137]          | (3022) (*1)        |
| Micron | MT29C8G96MAZBBDJV-x     | IT [VFBGA168]          | (3258)             |
| Micron | MT29F128G08AJAAAWP      | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F128G08AJAAAWP-IT   | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F128G08AJAAAWP-ITZ  | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F128G08AJAAAWP-Z    | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F128G08AKAAAC5      | [VLGA52]               | (2619)             |
| Micron | MT29F128G08AKAAAC5-IT   | [VLGA52]               | (2619)             |
| Micron | MT29F128G08AMAAAC5      | [VLGA52]               | (2619)             |
| Micron | MT29F128G08AMAAAC5-IT   | [VLGA52]               | (2619)             |
| Micron | MT29F128G08CBCABH6      | [VBGA152]              | (4605)             |
| Micron | MT29F128G08CBCCBH6-6ITR | [VBGA152]              | (4605)             |
| Micron | MT29F128G08CBCCBH6-6ITR | [VBGA152] (L0/L3)      | (4605) (9999)      |
| Micron | MT29F128G08CBCCBH6-6R   | [VBGA152]              | (4605)             |
| Micron | MT29F128G08CBCCBH6-6R   | [VBGA152] (L0/L3)      | (4605) (9999)      |
| Micron | MT29F128G08CEAAAC5      | [VLGA52]               | (2619)             |
| Micron | MT29F128G08CFAAAWP      | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F128G08CJAAAWC      | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F128G08CJAAAWC-IT   | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F128G08CJABAWP      | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F128G08CJABAWP-IT   | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F128G08CKAAAC5      | [VLGA52]               | (2619)             |
| Micron | MT29F128G08CKAAAC5-IT   | [VLGA52]               | (2619)             |
| Micron | MT29F128G08CMAAAC5      | [VLGA52]               | (2619)             |
| Micron | MT29F128G08CMAAAC5-IT   | [VLGA52]               | (2619)             |
| Micron | MT29F128G08VAAAWP       | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08ABABAWC       | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08ABABAWP       | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08ABABAWP       | [TSOP48] (LSI-01)      | (1456) (*1)        |
| Micron | MT29F16G08ABABAWP       | [TSOP48] (LSI-3420)    | (1456) (*1)        |
| Micron | MT29F16G08ABABAWP-IT    | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08ABACAWP       | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08ABACAWP-IT    | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08ABACAWP-ITZ   | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08ABACAWP-Z     | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08ABCBH1-12AIT  | [VBGA100]              | (2570)             |
| Micron | MT29F16G08ABCCBH1-10    | [VBGA100]              | (2570)             |
| Micron | MT29F16G08ABCCBH1-10IT  | [VBGA100]              | (2570)             |
| Micron | MT29F16G08ABCCBH1-10ITZ | [VBGA100]              | (2570)             |
| Micron | MT29F16G08ABCCBH1-10Z   | [VBGA100]              | (2570)             |
| Micron | MT29F16G08ADACAH4       | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F16G08ADACAH4-IT    | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F16G08ADBCAH4       | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F16G08ADBCAH4-IT    | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F16G08AJADAWP       | [TSOP48]               | (1266) (*1)        |
| Micron | MT29F16G08CBABAWC       | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08CBABAWC-IT    | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08CBABAWP       | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08CBABAWP-IT    | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08CBACAWP       | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08CBACAWP-IT    | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08DAAWP         | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08DAAWP-ET      | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08FAAWC         | [TSOP48]               | (1266) (*1)        |
| Micron | MT29F16G08FAAWC-ET      | [TSOP48]               | (1266) (*1)        |
| Micron | MT29F16G08FACWC         | [TSOP48]               | (3075)             |
| Micron | MT29F16G08FACWC-ET      | [TSOP48]               | (3075)             |
| Micron | MT29F16G08MAAWP         | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08MAAWP-ET      | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F16G08QAAWC         | [TSOP48]               | (1266) (*1)        |
| Micron | MT29F16G08QAAWC-ET      | [TSOP48]               | (1266) (*1)        |
| Micron | MT29F16G16ADACAH4       | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F16G16ADACAH4-IT    | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F16G16ADBCAH4       | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F16G16ADBCAH4-IT    | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G01ABAFD12-IT     | [T-PBGA24]             | (3122)             |
| Micron | MT29F1G01ABAFDSF-IT     | [SOP16]                | (3100) (*1)        |
| Micron | MT29F1G01ABAFDWB-IT     | [U-PDFN8]              | (4913) (*1)        |
| Micron | MT29F1G01ABBFDSF-IT     | [SOP16]                | (3100) (*1)        |
| Micron | MT29F1G01ABBFDWB-IT     | [U-PDFN8]              | (4970)             |
| Micron | MT29F1G08AACH4          | [VFBGA63]              | (1524) (*1)        |
| Micron | MT29F1G08AACH4-ET       | [VFBGA63]              | (1524) (*1)        |
| Micron | MT29F1G08AACWP          | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F1G08AACWP-ET       | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F1G08ABADAH4        | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G08ABADAH4        | [VFBGA63] (EMP-01)     | (2690) (9999) (*1) |
| Micron | MT29F1G08ABADAH4        | [VFBGA63] (EPS-8)      | (2690) (*1)        |
| Micron | MT29F1G08ABADAH4        | [VFBGA63] (HUMAX-01)   | (2690) (*1)        |
| Micron | MT29F1G08ABADAH4        | [VFBGA63] (JAB-SG)     | (2690) (9999) (*1) |
| Micron | MT29F1G08ABADAH4        | [VFBGA63] (SAM-01)     | (2690) (9999) (*1) |
| Micron | MT29F1G08ABADAH4-E      | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G08ABADAH4-IT     | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G08ABADAH4-ITE    | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G08ABADAH4-ITX    | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G08ABADAWP        | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F1G08ABADAWP        | [TSOP48] (T&W-01)      | (1456) (*1)        |
| Micron | MT29F1G08ABADAWP-E      | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F1G08ABADAWP-IT     | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F1G08ABADAWP-ITE    | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F1G08ABADAWP-ITX    | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F1G08ABAEAH4        | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G08ABAEAH4        | [VFBGA63] (EMT-01)     | (2690) (9999) (*1) |
| Micron | MT29F1G08ABAEAH4-IT     | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G08ABAEAH4-ITX    | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G08ABAEAWP        | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F1G08ABAEAWP        | [TSOP48] (JQR-01)      | (1456) (9999) (*1) |
| Micron | MT29F1G08ABAEAWP-IT     | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F1G08ABAEAWP-ITX    | [TSOP48]               | (1456) (*1)        |
| Micron | MT29F1G08ABAFAH4-ITE    | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G08ABAFAWP-ITE    | [TSOP48]               | (3075)             |
| Micron | MT29F1G08ABAH4          | [VFBGA63]              | (1171)             |
| Micron | MT29F1G08ABAH4-ET       | [VFBGA63]              | (1171)             |
| Micron | MT29F1G08ABBDH4         | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G08ABBDH4-IT      | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G08ABBDH4-ITX     | [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G08ABBDH4C        | [VFBGA63]              | (1171)             |
| Micron | MT29F1G08ABBDH4C        | [VFBGA63] (Dataman-02) | (1171)             |
| Micron | MT29F1G08ABBDH4C-IT     | [VFBGA63]              | (1171)             |
| Micron | MT29F1G08ABBEAH4        | [VFBGA63]              | (2690) (*1)        |

|        |                                         |                    |
|--------|-----------------------------------------|--------------------|
| Micron | MT29F1G08ABBEAH4-IT [VFBGA63]           | (2690) (*1)        |
| Micron | MT29F1G08ABBEAH4-ITX [VFBGA63]          | (2690) (*1)        |
| Micron | MT29F1G08ABBEAHC [VFBGA63]              | (1171)             |
| Micron | MT29F1G08ABBEAHC-IT [VFBGA63]           | (1171)             |
| Micron | MT29F1G08ABBF4AH4-ITE [VFBGA63]         | (2690) (*1)        |
| Micron | MT29F1G08ABBHC [VFBGA63]                | (1171)             |
| Micron | MT29F1G08ABBHC-ET [VFBGA63]             | (1171)             |
| Micron | MT29F1G08ABCH4 [VFBGA63]                | (2690) (*1)        |
| Micron | MT29F1G08ABCH4-ET [VFBGA63]             | (2690) (*1)        |
| Micron | MT29F1G08ABCHC [VFBGA63]                | (1171)             |
| Micron | MT29F1G08ABCHC [VFBGA63] (Dataman-02)   | (1171)             |
| Micron | MT29F1G08ABCHC-ET [VFBGA63]             | (1171)             |
| Micron | MT29F1G16ABAHC [VFBGA63]                | (1171)             |
| Micron | MT29F1G16ABAHC-ET [VFBGA63]             | (1171)             |
| Micron | MT29F1G16ABBD4AH4 [VFBGA63]             | (2690) (*1)        |
| Micron | MT29F1G16ABBD4AH4 [VFBGA63] (EPS-2)     | (2690) (9999) (*1) |
| Micron | MT29F1G16ABBD4AH4-IT [VFBGA63]          | (2690) (*1)        |
| Micron | MT29F1G16ABBD4AH4-IT [VFBGA63] (EPS-2)  | (2690) (9999) (*1) |
| Micron | MT29F1G16ABBD4AH4-IT [VFBGA63] (EPS-9)  | (2690) (9999) (*1) |
| Micron | MT29F1G16ABBD4AH4-ITX [VFBGA63]         | (2690) (*1)        |
| Micron | MT29F1G16ABBD4AHC [VFBGA63]             | (1171)             |
| Micron | MT29F1G16ABBD4AHC-IT [VFBGA63]          | (1171)             |
| Micron | MT29F1G16ABBEAH4 [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F1G16ABBEAH4-AITX [VFBGA63]         | (3121)             |
| Micron | MT29F1G16ABBEAH4-AITX [VFBGA63] (EPS-9) | (3121) (9999)      |
| Micron | MT29F1G16ABBEAH4-IT [VFBGA63]           | (2690) (*1)        |
| Micron | MT29F1G16ABBEAH4-ITX [VFBGA63]          | (2690) (*1)        |
| Micron | MT29F1G16ABBEAHC [VFBGA63]              | (1171)             |
| Micron | MT29F1G16ABBEAHC-IT [VFBGA63]           | (1171)             |
| Micron | MT29F1G16ABBHC [VFBGA63]                | (1171)             |
| Micron | MT29F1G16ABBHC-ET [VFBGA63]             | (1171)             |
| Micron | MT29F1G16ABCH4 [VFBGA63]                | (2690) (*1)        |
| Micron | MT29F1G16ABCH4-ET [VFBGA63]             | (2690) (*1)        |
| Micron | MT29F1G16ABCHC [VFBGA63]                | (1171)             |
| Micron | MT29F1G16ABCHC [VFBGA63] (EPS-2)        | (1171)             |
| Micron | MT29F1G16ABCHC-ET [VFBGA63]             | (1171)             |
| Micron | MT29F256G08AUAAAC5 [VLGA52]             | (2619)             |
| Micron | MT29F256G08AUAAAC5-IT [VLGA52]          | (2619)             |
| Micron | MT29F2G01ABAGD12-IT [T-PBGA24]          | (3122)             |
| Micron | MT29F2G01ABAGDSF-IT [SOP16]             | (3100) (*1)        |
| Micron | MT29F2G01ABAGDWB-IT [U-PDFN8]           | (4913) (*1)        |
| Micron | MT29F2G01ABBGDSF-IT [SOP16]             | (3100) (*1)        |
| Micron | MT29F2G01ABBGDWB-IT [U-PDFN8]           | (4970)             |
| Micron | MT29F2G08AABWP [TSOP48]                 | (1266) (*1)        |
| Micron | MT29F2G08AABWP-ET [TSOP48]              | (1266) (*1)        |
| Micron | MT29F2G08AACWP [TSOP48]                 | (1266) (*1)        |
| Micron | MT29F2G08AACWP-ET [TSOP48]              | (1266) (*1)        |
| Micron | MT29F2G08AADWP [TSOP48]                 | (1266) (*1)        |
| Micron | MT29F2G08AADWP [TSOP48] (BSP-01)        | (1266) (*1)        |
| Micron | MT29F2G08AADWP-ET [TSOP48]              | (1266) (*1)        |
| Micron | MT29F2G08ABAEAH4 [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F2G08ABAEAH4 [VFBGA63] (EPS-13)     | (2690) (9999) (*1) |
| Micron | MT29F2G08ABAEAH4 [VFBGA63] (EPS-8)      | (2690) (*1)        |
| Micron | MT29F2G08ABAEAH4 [VFBGA63] (MPI-01)     | (2690) (9999) (*1) |
| Micron | MT29F2G08ABAEAH4 [VFBGA63] (SAG-01)     | (2690) (9999) (*1) |
| Micron | MT29F2G08ABAEAH4 [VFBGA63] (SAM-01)     | (2690) (9999) (*1) |
| Micron | MT29F2G08ABAEAH4 [VFBGA63] (STM-061)    | (2690) (*1)        |
| Micron | MT29F2G08ABAEAH4-AITX [VFBGA63]         | (2690) (*1)        |
| Micron | MT29F2G08ABAEAH4-E [VFBGA63]            | (2690) (*1)        |
| Micron | MT29F2G08ABAEAH4-E [VFBGA63] (EPS-8)    | (2690) (*1)        |
| Micron | MT29F2G08ABAEAH4-IT [VFBGA63]           | (2690) (*1)        |
| Micron | MT29F2G08ABAEAH4-IT [VFBGA63] (CM-3384) | (2690) (9999) (*1) |
| Micron | MT29F2G08ABAEAH4-IT [VFBGA63] (EPS-16)  | (2690) (9999) (*1) |
| Micron | MT29F2G08ABAEAH4-ITE [VFBGA63]          | (2690) (*1)        |
| Micron | MT29F2G08ABAEAH4-ITX [VFBGA63]          | (2690) (*1)        |
| Micron | MT29F2G08ABAEAWP [TSOP48]               | (1456) (*1)        |
| Micron | MT29F2G08ABAEAWP [TSOP48] (T&W-01)      | (1456) (*1)        |
| Micron | MT29F2G08ABAEAWP-E [TSOP48]             | (1456) (*1)        |
| Micron | MT29F2G08ABAEAWP-IT [TSOP48]            | (1456) (*1)        |
| Micron | MT29F2G08ABAEAWP-ITX [TSOP48]           | (1456) (*1)        |
| Micron | MT29F2G08ABAF4AH4 [VFBGA63]             | (2690) (*1)        |
| Micron | MT29F2G08ABAF4AH4-IT [VFBGA63]          | (2690) (*1)        |
| Micron | MT29F2G08ABAF4AWP [TSOP48]              | (1456) (*1)        |
| Micron | MT29F2G08ABAF4AWP-IT [TSOP48]           | (1456) (*1)        |
| Micron | MT29F2G08ABAG4AH4-IT [VFBGA63]          | (2690) (*1)        |
| Micron | MT29F2G08ABAG4AH4-ITE [VFBGA63]         | (2690) (*1)        |
| Micron | MT29F2G08ABAG4AWP-IT [TSOP48]           | (1456) (*1)        |
| Micron | MT29F2G08ABAG4AWP-ITE [TSOP48]          | (1456) (*1)        |
| Micron | MT29F2G08ABBEAH4 [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F2G08ABBEAH4-IT [VFBGA63]           | (2690) (*1)        |
| Micron | MT29F2G08ABBEAH4-ITX [VFBGA63]          | (2690) (*1)        |
| Micron | MT29F2G08ABBEAHC [VFBGA63]              | (1171)             |
| Micron | MT29F2G08ABBEAHC [VFBGA63] (Dataman-02) | (1171)             |
| Micron | MT29F2G08ABBEAHC-IT [VFBGA63]           | (1171)             |
| Micron | MT29F2G08ABBF4AH4 [VFBGA63]             | (2690) (*1)        |
| Micron | MT29F2G08ABBF4AH4-IT [VFBGA63]          | (2690) (*1)        |
| Micron | MT29F2G08ABBG4AH4-IT [VFBGA63]          | (3121)             |
| Micron | MT29F2G08ABBCWP [TSOP48]                | (1266) (*1)        |
| Micron | MT29F2G08ABDHC [VFBGA63]                | (1171)             |
| Micron | MT29F2G08ABDHC [VFBGA63] (EPS-2)        | (1171)             |
| Micron | MT29F2G08ABDHC [VFBGA63] (EPS-4)        | (1171) (9999)      |
| Micron | MT29F2G08ABDHC-ET [VFBGA63]             | (1171)             |
| Micron | MT29F2G08ABDWP [TSOP48]                 | (1266) (*1)        |
| Micron | MT29F2G08ABDWP-ET [TSOP48]              | (1266) (*1)        |
| Micron | MT29F2G16AABWP [TSOP48]                 | (1266) (*1)        |
| Micron | MT29F2G16AABWP-ET [TSOP48]              | (1266) (*1)        |
| Micron | MT29F2G16AACWP [TSOP48]                 | (1266) (*1)        |
| Micron | MT29F2G16AADWP [TSOP48]                 | (1267) (*1)        |
| Micron | MT29F2G16AADWP-ET [TSOP48]              | (1267) (*1)        |
| Micron | MT29F2G16ABAEAWP [TSOP48]               | (1267) (*1)        |
| Micron | MT29F2G16ABAEAWP [TSOP48] (EPS-12)      | (1267) (9999) (*1) |
| Micron | MT29F2G16ABAEAWP [TSOP48] (EPS-9)       | (1267) (9999) (*1) |
| Micron | MT29F2G16ABAEAWP-IT [TSOP48]            | (1267) (*1)        |
| Micron | MT29F2G16ABAF4AWP [TSOP48]              | (1267) (*1)        |
| Micron | MT29F2G16ABAF4AWP-IT [TSOP48]           | (1267) (*1)        |
| Micron | MT29F2G16ABBEAH4 [VFBGA63]              | (2690) (*1)        |
| Micron | MT29F2G16ABBEAH4-IT [VFBGA63]           | (2690) (*1)        |
| Micron | MT29F2G16ABBEAHC [VFBGA63]              | (1171)             |
| Micron | MT29F2G16ABBEAHC [VFBGA63] (EPS-9)      | (1171) (9999)      |
| Micron | MT29F2G16ABBEAHC-IT [VFBGA63]           | (1171)             |
| Micron | MT29F2G16ABBF4AH4 [VFBGA63]             | (2690) (*1)        |
| Micron | MT29F2G16ABBF4AH4-IT [VFBGA63]          | (2690) (*1)        |
| Micron | MT29F2G16ABCWP [TSOP48]                 | (1266) (*1)        |
| Micron | MT29F2G16ABCWP-ET [TSOP48]              | (1266) (*1)        |
| Micron | MT29F2G16ABDHC [VFBGA63]                | (1171)             |
| Micron | MT29F2G16ABDHC [VFBGA63] (EPS-2)        | (1171)             |
| Micron | MT29F32G08ABAAAAP [TSOP48]              | (1456) (*1)        |
| Micron | MT29F32G08ABAAAAP-IT [TSOP48]           | (1456) (*1)        |
| Micron | MT29F32G08ABAAAAP-ITZ [TSOP48]          | (1456) (*1)        |
| Micron | MT29F32G08ABCABH1-10 [VBGA100]          | (2570)             |
| Micron | MT29F32G08ABCABH1-10IT [VBGA100]        | (2570)             |
| Micron | MT29F32G08ABCABH1-12 [VBGA100]          | (2570)             |
| Micron | MT29F32G08ABCABH1-12IT [VBGA100]        | (2570)             |
| Micron | MT29F32G08AECBBH1-12 [VBGA100]          | (2570)             |
| Micron | MT29F32G08AECBBH1-12IT [VBGA100]        | (2570)             |
| Micron | MT29F32G08AFABAWP [TSOP48]              | (1456) (*1)        |
| Micron | MT29F32G08AFABAWP-IT [TSOP48]           | (1456) (*1)        |

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|--------|------------------------------------------|--------------------|
| Micron | MT29F32G08CBAAAWC [TSOP48]               | (1456) (*1)        |
| Micron | MT29F32G08CBAAAWC-IT [TSOP48]            | (1456) (*1)        |
| Micron | MT29F32G08CBAAAWP [TSOP48]               | (1456) (*1)        |
| Micron | MT29F32G08CBABAWP [TSOP48]               | (1456) (*1)        |
| Micron | MT29F32G08CBABAWP-IT [TSOP48]            | (1456) (*1)        |
| Micron | MT29F32G08CBACAWP [TSOP48]               | (1456) (*1)        |
| Micron | MT29F32G08CBACAWP-IT [TSOP48]            | (1456) (*1)        |
| Micron | MT29F32G08CBADAWP [TSOP48]               | (1456) (*1)        |
| Micron | MT29F32G08CBADBWP [TSOP48]               | (1456) (*1)        |
| Micron | MT29F32G08CBADBWP-R [TSOP48]             | (1456) (*1)        |
| Micron | MT29F32G08CBADBWP-R [TSOP48] (L0/L3)     | (1456) (9999) (*1) |
| Micron | MT29F32G08CFACAWP [TSOP48]               | (1456) (*1)        |
| Micron | MT29F32G08FAAWP [TSOP48]                 | (1456) (*1)        |
| Micron | MT29F32G08FAAWP-ET [TSOP48]              | (1456) (*1)        |
| Micron | MT29F32G08QAAWP [TSOP48]                 | (1456) (*1)        |
| Micron | MT29F32G08QAAWP-ET [TSOP48]              | (1456) (*1)        |
| Micron | MT29F32G08TAAWC [TSOP48]                 | (1266) (*1)        |
| Micron | MT29F32G08TAAWC-ET [TSOP48]              | (1266) (*1)        |
| Micron | MT29F4G01ABAFD12-IT [T-PBGA24]           | (3122)             |
| Micron | MT29F4G01ABAFDWB-IT [U-PDFN8]            | (4913) (*1)        |
| Micron | MT29F4G01ABBFDWB-IT [U-PDFN8]            | (4970)             |
| Micron | MT29F4G08AAAWP [TSOP48]                  | (1266) (*1)        |
| Micron | MT29F4G08AAAWP-ET [TSOP48]               | (1266) (*1)        |
| Micron | MT29F4G08AACHC [VFBGA63]                 | (1171)             |
| Micron | MT29F4G08AACHC-ET [VFBGA63]              | (1171)             |
| Micron | MT29F4G08AACWC [TSOP48]                  | (1456) (*1)        |
| Micron | MT29F4G08AACWC-ET [TSOP48]               | (1456) (*1)        |
| Micron | MT29F4G08ABADAH4 [VFBGA63]               | (2690) (*1)        |
| Micron | MT29F4G08ABADAH4 [VFBGA63] (EMP-01)      | (2690) (9999) (*1) |
| Micron | MT29F4G08ABADAH4 [VFBGA63] (EMP-03)      | (2690) (9999) (*1) |
| Micron | MT29F4G08ABADAH4-AATX [VFBGA63]          | (2690) (*1)        |
| Micron | MT29F4G08ABADAH4-AATX [VFBGA63] (EPS-19) | (3121) (9999)      |
| Micron | MT29F4G08ABADAH4-AATX [VFBGA63] (EPS-20) | (3121) (9999)      |
| Micron | MT29F4G08ABADAH4-AITX [VFBGA63]          | (3121)             |
| Micron | MT29F4G08ABADAH4-AT [VFBGA63]            | (3121)             |
| Micron | MT29F4G08ABADAH4-E [VFBGA63]             | (2690) (*1)        |
| Micron | MT29F4G08ABADAH4-IT [VFBGA63]            | (2690) (*1)        |
| Micron | MT29F4G08ABADAH4-ITE [VFBGA63]           | (2690) (*1)        |
| Micron | MT29F4G08ABADAH4-ITX [VFBGA63]           | (3121)             |
| Micron | MT29F4G08ABADAWP [TSOP48]                | (1456) (*1)        |
| Micron | MT29F4G08ABADAWP [TSOP48] (B&O-01)       | (1456) (*1)        |
| Micron | MT29F4G08ABADAWP-AATX [TSOP48]           | (1456) (*1)        |
| Micron | MT29F4G08ABADAWP-IT [TSOP48]             | (1456) (*1)        |
| Micron | MT29F4G08ABAEAH4 [VFBGA63]               | (2690) (*1)        |
| Micron | MT29F4G08ABAEAH4 [VFBGA63] (DT-01)       | (2690) (*1)        |
| Micron | MT29F4G08ABAEAH4 [VFBGA63] (EMP-04)      | (2690) (9999) (*1) |
| Micron | MT29F4G08ABAEAH4 [VFBGA63] (MTD-01)      | (2690) (9999) (*1) |
| Micron | MT29F4G08ABAEAH4-IT [VFBGA63]            | (2690) (*1)        |
| Micron | MT29F4G08ABAEAH4-IT [VFBGA63] (EPS-17)   | (2690) (9999) (*1) |
| Micron | MT29F4G08ABAEAWP [TSOP48]                | (1456) (*1)        |
| Micron | MT29F4G08ABAEAWP-IT [TSOP48]             | (1456) (*1)        |
| Micron | MT29F4G08ABAFAH4-IT [VFBGA63]            | (2690) (*1)        |
| Micron | MT29F4G08ABAFAWP [TSOP48]                | (3075)             |
| Micron | MT29F4G08ABAFAWP-IT [TSOP48]             | (3075)             |
| Micron | MT29F4G08ABBDAH4 [VFBGA63]               | (2690) (*1)        |
| Micron | MT29F4G08ABBDAH4-IT [VFBGA63]            | (2690) (*1)        |
| Micron | MT29F4G08ABBDH4C [VFBGA63]               | (1171)             |
| Micron | MT29F4G08ABBDH4C-IT [VFBGA63]            | (1171)             |
| Micron | MT29F4G08ABBEAH4 [VFBGA63]               | (2690) (*1)        |
| Micron | MT29F4G08ABBEAH4-IT [VFBGA63]            | (2690) (*1)        |
| Micron | MT29F4G08ABCHC [VFBGA63]                 | (1171)             |
| Micron | MT29F4G08ABCHC-ET [VFBGA63]              | (1171)             |
| Micron | MT29F4G08ABCWC [TSOP48]                  | (1456) (*1)        |
| Micron | MT29F4G08ABCWC-ET [TSOP48]               | (1456) (*1)        |
| Micron | MT29F4G08ABWBP [TSOP48]                  | (1266) (*1)        |
| Micron | MT29F4G08ABWBP-ET [TSOP48]               | (1266) (*1)        |
| Micron | MT29F4G16AACWC [TSOP48]                  | (1267) (*1)        |
| Micron | MT29F4G16AACWC-ET [TSOP48]               | (1267) (*1)        |
| Micron | MT29F4G16ABADAH4 [VFBGA63]               | (2690) (*1)        |
| Micron | MT29F4G16ABADAH4-AIT [VFBGA63] (MER-01)  | (3121) (9999)      |
| Micron | MT29F4G16ABADAH4-IT [VFBGA63]            | (2690) (*1)        |
| Micron | MT29F4G16ABADAWP [TSOP48]                | (1267) (*1)        |
| Micron | MT29F4G16ABADAWP-IT [TSOP48]             | (1267) (*1)        |
| Micron | MT29F4G16ABAEAH4 [VFBGA63]               | (2690) (*1)        |
| Micron | MT29F4G16ABAEAH4-IT [VFBGA63]            | (2690) (*1)        |
| Micron | MT29F4G16ABAEAWP [TSOP48]                | (1267) (*1)        |
| Micron | MT29F4G16ABAEAWP-IT [TSOP48]             | (1267) (*1)        |
| Micron | MT29F4G16ABAFAH4-AIT [VFBGA63]           | (3121)             |
| Micron | MT29F4G16ABAFAH4-AIT [VFBGA63] (MER-01)  | (3121) (9999)      |
| Micron | MT29F4G16ABBDH4 [VFBGA63]                | (2690) (*1)        |
| Micron | MT29F4G16ABBDH4C [VFBGA63]               | (2690) (*1)        |
| Micron | MT29F4G16ABBDH4C-IT [VFBGA63]            | (1171)             |
| Micron | MT29F4G16ABBEAH4 [VFBGA63]               | (2690) (*1)        |
| Micron | MT29F4G16ABBEAH4-IT [VFBGA63]            | (2690) (*1)        |
| Micron | MT29F4G16ABCHC [VFBGA63]                 | (1171)             |
| Micron | MT29F4G16ABCHC-ET [VFBGA63]              | (1171)             |
| Micron | MT29F4G16ABCWC [TSOP48]                  | (1267) (*1)        |
| Micron | MT29F4G16ABCWC-ET [TSOP48]               | (1267) (*1)        |
| Micron | MT29F4G16BABWP [TSOP48]                  | (1266) (*1)        |
| Micron | MT29F512G08AUCBBH8 [LBGA152]             | (4605)             |
| Micron | MT29F64G08AECABH1-10 [VBGA100]           | (2570)             |
| Micron | MT29F64G08AECABH1-10IT [VBGA100]         | (2570)             |
| Micron | MT29F64G08AECABH1-12 [VBGA100]           | (2570)             |
| Micron | MT29F64G08AECABH1-12IT [VBGA100]         | (2570)             |
| Micron | MT29F64G08AFAAAWP [TSOP48]               | (1456) (*1)        |
| Micron | MT29F64G08AFAAAWP-IT [TSOP48]            | (1456) (*1)        |
| Micron | MT29F64G08AFAAAWP-ITZ [TSOP48]           | (1456) (*1)        |
| Micron | MT29F64G08AJABAWP [TSOP48]               | (1456) (*1)        |
| Micron | MT29F64G08AJABAWP-IT [TSOP48]            | (1456) (*1)        |
| Micron | MT29F64G08CBAAAWP [TSOP48]               | (1456) (*1)        |
| Micron | MT29F64G08CBABAWP [TSOP48]               | (1456) (*1)        |
| Micron | MT29F64G08CBABAWP-IT [TSOP48]            | (1456) (*1)        |
| Micron | MT29F64G08CBABWBP-12 [TSOP48]            | (1456) (*1)        |
| Micron | MT29F64G08CBABWBP-12IT [TSOP48]          | (1456) (*1)        |
| Micron | MT29F64G08CBABWBP-R [TSOP48]             | (1456) (*1)        |
| Micron | MT29F64G08CBABWBP-R [TSOP48] (L0/L3)     | (1456) (9999) (*1) |
| Micron | MT29F64G08CBFBWBP-R [TSOP48]             | (1267) (*1)        |
| Micron | MT29F64G08CBFBWBP-R [TSOP48] (L0/L3)     | (1267) (9999) (*1) |
| Micron | MT29F64G08CFAAAWC [TSOP48]               | (1456) (*1)        |
| Micron | MT29F64G08CFAAAWC-IT [TSOP48]            | (1456) (*1)        |
| Micron | MT29F64G08CFABAWP [TSOP48]               | (1456) (*1)        |
| Micron | MT29F64G08CFABAWP-IT [TSOP48]            | (1456) (*1)        |
| Micron | MT29F64G08JAASWP [TSOP48]                | (1456) (*1)        |
| Micron | MT29F64G08JAASWP-ET [TSOP48]             | (1456) (*1)        |
| Micron | MT29F64G08TAAWP [TSOP48]                 | (1456) (*1)        |
| Micron | MT29F64G08TAAWP-ET [TSOP48]              | (1456) (*1)        |
| Micron | MT29F8G08AAAWP [TSOP48]                  | (1456) (*1)        |
| Micron | MT29F8G08AAAWP-ET [TSOP48]               | (1456) (*1)        |
| Micron | MT29F8G08ABABAWC [TSOP48]                | (1456) (*1)        |
| Micron | MT29F8G08ABABAWC-IT [TSOP48]             | (1456) (*1)        |
| Micron | MT29F8G08ABABAWP [TSOP48]                | (1456) (*1)        |
| Micron | MT29F8G08ABABAWP [TSOP48] (LGE-25)       | (1456) (*1)        |
| Micron | MT29F8G08ABABAWP-IT [TSOP48]             | (1456) (*1)        |
| Micron | MT29F8G08ABACAH4 [VFBGA63]               | (2690) (*1)        |
| Micron | MT29F8G08ABACAH4-IT [VFBGA63]            | (2690) (*1)        |
| Micron | MT29F8G08ABACAH4-IT [VFBGA63] (EPS-15)   | (2690) (9999) (*1) |



|        |                                        |             |
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| Micron | MT29F8G08ABACAWP [TSOP48]              | (1456) (*1) |
| Micron | MT29F8G08ABACAWP-IT [TSOP48]           | (1456) (*1) |
| Micron | MT29F8G08ABBCAH4 [VFBGA63]             | (2690) (*1) |
| Micron | MT29F8G08ABBCAH4-IT [VFBGA63]          | (2690) (*1) |
| Micron | MT29F8G08ABBCAH4-IT [VFBGA63] (EPS-6)  | (2690) (*1) |
| Micron | MT29F8G08ADADAH4 [VFBGA63]             | (2690) (*1) |
| Micron | MT29F8G08ADADAH4-IT [VFBGA63]          | (2690) (*1) |
| Micron | MT29F8G08ADBDH4 [VFBGA63]              | (2690) (*1) |
| Micron | MT29F8G08ADBDH4-IT [VFBGA63]           | (2690) (*1) |
| Micron | MT29F8G08DAAWC [TSOP48]                | (1266) (*1) |
| Micron | MT29F8G08DAAWC-ET [TSOP48]             | (1266) (*1) |
| Micron | MT29F8G08DAAWP [TSOP48]                | (1266) (*1) |
| Micron | MT29F8G08FABWP [TSOP48]                | (1266) (*1) |
| Micron | MT29F8G08FABWP-ET [TSOP48]             | (1266) (*1) |
| Micron | MT29F8G08MAAWC [TSOP48]                | (1266) (*1) |
| Micron | MT29F8G08MAAWC-ET [TSOP48]             | (1266) (*1) |
| Micron | MT29F8G08MAAWP [TSOP48]                | (1266) (*1) |
| Micron | MT29F8G08MADWC [TSOP48]                | (1456) (*1) |
| Micron | MT29F8G16ABACAH4 [VFBGA63]             | (2690) (*1) |
| Micron | MT29F8G16ABACAH4-IT [VFBGA63]          | (2690) (*1) |
| Micron | MT29F8G16ABACAWP [TSOP48]              | (1267) (*1) |
| Micron | MT29F8G16ABACAWP-IT [TSOP48]           | (1267) (*1) |
| Micron | MT29F8G16ABBCAH4 [VFBGA63]             | (2690) (*1) |
| Micron | MT29F8G16ABBCAH4-IT [VFBGA63]          | (2690) (*1) |
| Micron | MT29F8G16ADADAH4 [VFBGA63]             | (2690) (*1) |
| Micron | MT29F8G16ADADAH4-IT [VFBGA63]          | (2690) (*1) |
| Micron | MT29F8G16ADBDH4 [VFBGA63]              | (2690) (*1) |
| Micron | MT29F8G16ADBDH4-IT [VFBGA63]           | (2690) (*1) |
| Micron | MT29PZZZ8D48KFSK-18w.94L [VFBGA162]    | (3892) (*1) |
| Micron | MT29RZ2B1DZZHGW [VFBGA162]             | (3366) (*1) |
| Micron | MT29RZ4B2DZZHGSK [FBGA162]             | (3125) (*1) |
| Micron | MT29RZ4B2DZZHHTB [FBGA162]             | (3366) (*1) |
| Micron | MT29RZ4B2DZZHHWD [VFBGA162]            | (3366) (*1) |
| Micron | MT29RZ4B4DZZHGPL [FBGA162]             | (3125) (*1) |
| Micron | MT29RZ4B4DZZMGWD [VFBGA162]            | (3366) (*1) |
| Micron | MT29TZ2Z8D48KFRL-125w.94K [VFBGA221]   | (3893) (*1) |
| Micron | MT35XU01GBBA1G12 [T-PBGA24] (Octa I/O) | (3122) (*1) |
| Micron | MT35XU02GCBA1G12 [T-PBGA24] (Octa I/O) | (3122) (*1) |
| Micron | MT35XU512ABA1G12 [T-PBGA24]            | (3122) (*1) |
| Micron | MT38W1011A90YZQXZ [TFBGA88]            | (637) (*1)  |
| Micron | MT38W2011A501ZQXZ [TFBGA88]            | (637) (*1)  |
| Micron | MT38W2011A901ZQXZ [TFBGA88]            | (637) (*1)  |
| Micron | MT38W2011A90YZQXZ [TFBGA88]            | (637) (*1)  |
| Micron | MTFC128GAJEDN [LFBGA169]               | (3297) (*1) |
| Micron | MTFC128GAPALNS [TFBGA153]              | (3147) (*1) |
| Micron | MTFC16GAAAADV-2M [VFBGA169]            | (2693) (*1) |
| Micron | MTFC16GAKAECN [VFBGA153]               | (3148) (*1) |
| Micron | MTFC16GAKAECN-2M [VFBGA153]            | (3148) (*1) |
| Micron | MTFC16GAKAECN-4M [VFBGA153]            | (3148) (*1) |
| Micron | MTFC16GAKAEDQ [LBGA100]                | (3113) (*1) |
| Micron | MTFC16GAKAEFF [TFBGA169]               | (3297) (*1) |
| Micron | MTFC16GAKAEJP-4M [VFBGA153]            | (3148) (*1) |
| Micron | MTFC16GAKAEJP-AIT [VFBGA153]           | (3148) (*1) |
| Micron | MTFC16GAKAENA-4M [TBGA100]             | (3113) (*1) |
| Micron | MTFC16GAPALBH [TFBGA153]               | (3148) (*1) |
| Micron | MTFC16GAPALNA [TBGA100]                | (3310) (*1) |
| Micron | MTFC16GJDDQ-4M [LBGA100]               | (2431) (*1) |
| Micron | MTFC16GJDEC-2M [WFBGA169]              | (2817) (*1) |
| Micron | MTFC16GJDEC-4M [WFBGA169]              | (2817) (*1) |
| Micron | MTFC16GJGDQ [FBGA100]                  | (3113) (*1) |
| Micron | MTFC16GJGEF [TFBGA169]                 | (2577) (*1) |
| Micron | MTFC16GJTFC-2F [WFBGA169]              | (2817) (*1) |
| Micron | MTFC16GJUFE [TFBGA169]                 | (2577) (*1) |
| Micron | MTFC16GJVEC [WFBGA169]                 | (2817) (*1) |
| Micron | MTFC16GJVEC-2M [WFBGA169]              | (2817) (*1) |
| Micron | MTFC16GJVEC-4M [WFBGA169]              | (2817) (*1) |
| Micron | MTFC16GKLDL [FBGA169]                  | (2432) (*1) |
| Micron | MTFC16GKQDI [FBGA169]                  | (2392) (*1) |
| Micron | MTFC16GKQDQ [LBGA100]                  | (2431) (*1) |
| Micron | MTFC16GLWDM-4M [TFBGA153]              | (2578) (*1) |
| Micron | MTFC16GLWDQ-4M [LBGA100]               | (2431) (*1) |
| Micron | MTFC16GCFDI [LFBGA169]                 | (2392) (*1) |
| Micron | MTFC2GDKDQ [LBGA100]                   | (2431) (*1) |
| Micron | MTFC2GGLDI [FBGA169]                   | (2392) (*1) |
| Micron | MTFC2GGLDM [FBGA153]                   | (2578) (*1) |
| Micron | MTFC2GGQDI [FBGA169]                   | (2392) (*1) |
| Micron | MTFC2GGQDM [FBGA153]                   | (2578) (*1) |
| Micron | MTFC2GMDEA-0M [WFBGA153]               | (2667) (*1) |
| Micron | MTFC2GMTEA [WFBGA153]                  | (2667) (*1) |
| Micron | MTFC2GMVEA-0M [WFBGA153]               | (2667) (*1) |
| Micron | MTFC32GAKAECN [VFBGA153]               | (3148) (*1) |
| Micron | MTFC32GAKAECN-3M [VFBGA153]            | (3148) (*1) |
| Micron | MTFC32GAKAECN-4M [VFBGA153]            | (3148) (*1) |
| Micron | MTFC32GAKAEDQ [LBGA100]                | (3113) (*1) |
| Micron | MTFC32GAKAEFF [TFBGA169]               | (3297) (*1) |
| Micron | MTFC32GAKAEJP-4M [VFBGA153]            | (3148) (*1) |
| Micron | MTFC32GAKAEJP-AIT [VFBGA153]           | (3148) (*1) |
| Micron | MTFC32GAKAENA-4M [TBGA100]             | (3113) (*1) |
| Micron | MTFC32GAPALBH [TFBGA153]               | (3148) (*1) |
| Micron | MTFC32GAPALNA [TBGA100]                | (3310) (*1) |
| Micron | MTFC32GJDDQ-4M [LBGA100]               | (2431) (*1) |
| Micron | MTFC32GJDED-3M [VFBGA169]              | (2817) (*1) |
| Micron | MTFC32GJDED-4M [VFBGA169]              | (2817) (*1) |
| Micron | MTFC32GJGDQ [FBGA100]                  | (3113) (*1) |
| Micron | MTFC32GJGDQ-AIT [LBGA100]              | (3113) (*1) |
| Micron | MTFC32GJGEF [TFBGA169]                 | (2577) (*1) |
| Micron | MTFC32GJTED-3F [VFBGA169]              | (2817) (*1) |
| Micron | MTFC32GJUFE [TFBGA169]                 | (2577) (*1) |
| Micron | MTFC32GJVED [WFBGA169]                 | (2817) (*1) |
| Micron | MTFC32GJVED-3M [VFBGA169]              | (2817) (*1) |
| Micron | MTFC32GJVED-4M [VFBGA169]              | (2817) (*1) |
| Micron | MTFC32GJWDQ-4L [LBGA100]               | (2431) (*1) |
| Micron | MTFC32GJWDQ-4M [LBGA100]               | (2431) (*1) |
| Micron | MTFC32GJWEF-4M [TFBGA169]              | (2577) (*1) |
| Micron | MTFC32GKLDN [FBGA169]                  | (2577) (*1) |
| Micron | MTFC32GKQDN [FBGA169]                  | (2577) (*1) |
| Micron | MTFC4GACAAAM-1M [VFBGA153]             | (2634) (*1) |
| Micron | MTFC4GACAAAM-4M [VFBGA153]             | (2634) (*1) |
| Micron | MTFC4GACAAIT-4M [TBGA100]              | (3113) (*1) |
| Micron | MTFC4GACAAIA-4M [TBGA100]              | (3113) (*1) |
| Micron | MTFC4GACAEAM-1M [VFBGA153]             | (3148) (*1) |
| Micron | MTFC4GACAEAM-4M [VFBGA153]             | (3148) (*1) |
| Micron | MTFC4GACAJCN-1M [VFBGA153]             | (3148) (*1) |
| Micron | MTFC4GACAJCN-4M [VFBGA153]             | (3148) (*1) |
| Micron | MTFC4GCFDK [LFBGA169]                  | (2392) (*1) |
| Micron | MTFC4GDKDQ [LBGA100]                   | (2431) (*1) |
| Micron | MTFC4GGLDI [FBGA169]                   | (2392) (*1) |
| Micron | MTFC4GGQDI [FBGA169]                   | (2392) (*1) |
| Micron | MTFC4GGQDM [FBGA153]                   | (2578) (*1) |
| Micron | MTFC4GGQDQ [LBGA100]                   | (2431) (*1) |
| Micron | MTFC4GLDDQ-4M [LBGA100]                | (2431) (*1) |
| Micron | MTFC4GLDEA-0M [WFBGA153]               | (2667) (*1) |
| Micron | MTFC4GLGDM [TFBGA153]                  | (2578) (*1) |
| Micron | MTFC4GLGDQ [FBGA100]                   | (3113) (*1) |
| Micron | MTFC4GLGDQ-AIT [LBGA100]               | (3113) (*1) |
| Micron | MTFC4GLTEA-0F [WFBGA153]               | (2667) (*1) |
| Micron | MTFC4GLUDM [TFBGA153]                  | (2578) (*1) |

|        |                  |                       |              |
|--------|------------------|-----------------------|--------------|
| Micron | MTFC4GLVEA-0M    | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC4GLWDM-4M    | [TFBGA153]            | (2578) (*1)  |
| Micron | MTFC4GMCDM-1M    | [TFBGA153]            | (2578) (*1)  |
| Micron | MTFC4GMCDM-1M    | [TFBGA153] (IBM)      | (2578) (*1)  |
| Micron | MTFC4GMDEA-1M    | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC4GMDEA-4M    | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC4GMTEA       | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC4GMTEA-1F    | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC4GMVEA       | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC4GMVEA-1M    | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC4GMVEA-4M    | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC4GMWDM-3M    | [TFBGA153]            | (2578) (*1)  |
| Micron | MTFC4GMWDQ-3M    | [LBGA100]             | (2431) (*1)  |
| Micron | MTFC64GAJAECE    | [LFBGA169]            | (3297) (*1)  |
| Micron | MTFC64GAJAEEN    | [LFBGA169]            | (3297) (*1)  |
| Micron | MTFC64GAJAEQ     | [LBGA100]             | (3113) (*1)  |
| Micron | MTFC64GAKAEY-3M  | [LFBGA153]            | (3294) (*1)  |
| Micron | MTFC64GAKAEY-4M  | [LFBGA153]            | (3294) (*1)  |
| Micron | MTFC64GAKAEYF-4M | [LFBGA153]            | (3294) (*1)  |
| Micron | MTFC64GAPALBH    | [TFBGA153]            | (3147) (*1)  |
| Micron | MTFC64GAPALNA    | [TBGA100]             | (3310) (*1)  |
| Micron | MTFC64GJDDN-3M   | [LFBGA169]            | (2577) (*1)  |
| Micron | MTFC64GJDDN-4M   | [LFBGA169]            | (2577) (*1)  |
| Micron | MTFC64GJTDN-3F   | [LFBGA169]            | (2577) (*1)  |
| Micron | MTFC64GJVDN      | [TFBGA169]            | (2577) (*1)  |
| Micron | MTFC64GJVDN-3M   | [LFBGA169]            | (2577) (*1)  |
| Micron | MTFC64GJVDN-4M   | [LFBGA169]            | (2577) (*1)  |
| Micron | MTFC64GJWDN-5M   | [LFBGA169]            | (2577) (*1)  |
| Micron | MTFC8GACAAAM-1M  | [VFBGA153]            | (2634) (*1)  |
| Micron | MTFC8GACAAAM-4M  | [VFBGA153]            | (2634) (*1)  |
| Micron | MTFC8GACAALT-4M  | [TBGA100]             | (3113) (*1)  |
| Micron | MTFC8GACAANA-4M  | [TBGA100]             | (3113) (*1)  |
| Micron | MTFC8GACAEAM-1M  | [VFBGA153]            | (3148) (*1)  |
| Micron | MTFC8GACAEEN-1M  | [VFBGA153]            | (3148) (*1)  |
| Micron | MTFC8GACAEQ      | [LBGA100]             | (3113) (*1)  |
| Micron | MTFC8GACAEEN     | [TFBGA153]            | (3147) (*1)  |
| Micron | MTFC8GAKAJCN-1M  | [VFBGA153]            | (3148) (*1)  |
| Micron | MTFC8GAKAJCN-4M  | [VFBGA153]            | (3148) (*1)  |
| Micron | MTFC8GAMALBH     | [TFBGA153]            | (3148) (*1)  |
| Micron | MTFC8GAMALNA     | [TBGA100]             | (3310) (*1)  |
| Micron | MTFC8GEKQD       | [LBGA100]             | (2431) (*1)  |
| Micron | MTFC8GKLDI       | [FBGA169]             | (2392) (*1)  |
| Micron | MTFC8GKQDI       | [FBGA169]             | (2392) (*1)  |
| Micron | MTFC8GKQDQ       | [LBGA100]             | (2431) (*1)  |
| Micron | MTFC8GLCDM-1M    | [TFBGA153]            | (2578) (*1)  |
| Micron | MTFC8GLCDM-1M    | [TFBGA153] (IBM)      | (2578) (*1)  |
| Micron | MTFC8GLDDQ-4M    | [LBGA100]             | (2431) (*1)  |
| Micron | MTFC8GLDEA-1M    | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC8GLDEA-4M    | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC8GLGDM       | [TFBGA153]            | (2578) (*1)  |
| Micron | MTFC8GLGQD       | [FBGA100]             | (3113) (*1)  |
| Micron | MTFC8GLSEA       | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC8GLTEA       | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC8GLTEA-1F    | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC8GLUDM       | [TFBGA153]            | (2578) (*1)  |
| Micron | MTFC8GLVEA       | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC8GLVEA-0M    | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC8GLVEA-1M    | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC8GLVEA-1M    | [WFBGA153] (IBM)      | (2667) (*1)  |
| Micron | MTFC8GLVEA-4M    | [WFBGA153]            | (2667) (*1)  |
| Micron | MTFC8GLWDM       | [TFBGA153]            | (2578) (*1)  |
| Micron | MTFC8GLWDM-3L    | [TFBGA153]            | (2578) (*1)  |
| Micron | MTFC8GLWDM-3M    | [TFBGA153]            | (2578) (*1)  |
| Micron | MTFC8GLWDQ-3L    | [LBGA100]             | (2431) (*1)  |
| Micron | MTFC8GLWDQ-3M    | [LBGA100]             | (2431) (*1)  |
| Micron | MTFC8GLYAM       | [VFBGA153]            | (2634) (*1)  |
| Micron | N25Q008A11E      | [DFN8 4x3]            | (2430) (*1)  |
| Micron | N25Q008A11E      | [DFN8 6x5]            | (3097) (*1)  |
| Micron | N25Q008A11E      | [SO8N]                | (3095) (*1)  |
| Micron | N25Q00AA11G      | [ISP]                 | (138) (9997) |
| Micron | N25Q00AA11G      | [SO16W]               | (3101) (*1)  |
| Micron | N25Q00AA11G      | [TBGA24]              | (1343) (*1)  |
| Micron | N25Q00AA13G      | [ISP]                 | (138)        |
| Micron | N25Q00AA13G      | [SO16W]               | (3101) (*1)  |
| Micron | N25Q00AA13G      | [SO16W] (Quad I/O)    | (3101) (*1)  |
| Micron | N25Q00AA13G      | [TBGA24]              | (1343) (*1)  |
| Micron | N25Q00AA13G      | [TBGA24] (Quad I/O)   | (1343) (*1)  |
| Micron | N25Q00AA73G      | [SO16W]               | (3101) (*1)  |
| Micron | N25Q00AA73G      | [SO16W] (Quad I/O)    | (3101) (*1)  |
| Micron | N25Q00AA73G      | [TBGA24]              | (1343) (*1)  |
| Micron | N25Q00AA73G      | [TBGA24] (Quad I/O)   | (1343) (*1)  |
| Micron | N25Q016A11E      | [DFN8 6x5]            | (3097) (*1)  |
| Micron | N25Q016A11E      | [SO8N]                | (3095) (*1)  |
| Micron | N25Q032A11E      | [ISP]                 | (138)        |
| Micron | N25Q032A11E      | [DFN8 4x3]            | (2430)       |
| Micron | N25Q032A11E      | [DFN8 6x5]            | (3097) (*1)  |
| Micron | N25Q032A11E      | [SO16W]               | (3101) (*1)  |
| Micron | N25Q032A11E      | [SO8W]                | (3088) (*1)  |
| Micron | N25Q032A13E      | [ISP]                 | (138)        |
| Micron | N25Q032A13E      | [DFN8 4x3]            | (2430)       |
| Micron | N25Q032A13E      | [DFN8 4x3] (Quad I/O) | (2430)       |
| Micron | N25Q032A13E      | [DFN8 6x5]            | (3097) (*1)  |
| Micron | N25Q032A13E      | [DFN8 6x5] (Quad I/O) | (3097) (*1)  |
| Micron | N25Q032A13E      | [DFN8 8x6]            | (3053) (*1)  |
| Micron | N25Q032A13E      | [DFN8 8x6] (Quad I/O) | (3053) (*1)  |
| Micron | N25Q032A13E      | [SO16W]               | (3101) (*1)  |
| Micron | N25Q032A13E      | [SO16W] (Quad I/O)    | (3101) (*1)  |
| Micron | N25Q032A13E      | [SO8N]                | (3095) (*1)  |
| Micron | N25Q032A13E      | [SO8N] (Quad I/O)     | (3095) (*1)  |
| Micron | N25Q032A13E      | [SO8W]                | (3088) (*1)  |
| Micron | N25Q032A13E      | [SO8W] (Quad I/O)     | (3088) (*1)  |
| Micron | N25Q032A13E      | [TBGA24]              | (1343) (*1)  |
| Micron | N25Q032A13E      | [TBGA24] (Quad I/O)   | (1343) (*1)  |
| Micron | N25Q032A13Exxx1  | [TBGA24]              | (1343) (*1)  |
| Micron | N25Q032A13Exxx1  | [TBGA24] (Quad I/O)   | (1343) (*1)  |
| Micron | N25Q064A11E      | [ISP]                 | (138)        |
| Micron | N25Q064A11E      | [DFN8 6x5]            | (3097) (*1)  |
| Micron | N25Q064A11E      | [DFN8 8x6]            | (3053) (*1)  |
| Micron | N25Q064A11E      | [SO16W]               | (3101) (*1)  |
| Micron | N25Q064A11E      | [SO8W]                | (3088) (*1)  |
| Micron | N25Q064A11E      | [TBGA24]              | (1343) (*1)  |
| Micron | N25Q064A13E      | [ISP]                 | (138)        |
| Micron | N25Q064A13E      | [DFN8 6x5]            | (3097) (*1)  |
| Micron | N25Q064A13E      | [DFN8 6x5] (Quad I/O) | (3097) (*1)  |
| Micron | N25Q064A13E      | [DFN8 8x6]            | (3053) (*1)  |
| Micron | N25Q064A13E      | [DFN8 8x6] (Quad I/O) | (3053) (*1)  |
| Micron | N25Q064A13E      | [SO16W]               | (3101) (*1)  |
| Micron | N25Q064A13E      | [SO16W] (Quad I/O)    | (3101) (*1)  |
| Micron | N25Q064A13E      | [SO8W]                | (3088) (*1)  |
| Micron | N25Q064A13E      | [SO8W] (Quad I/O)     | (3088) (*1)  |
| Micron | N25Q064A13E      | [TBGA24]              | (1343) (*1)  |
| Micron | N25Q064A13E      | [TBGA24] (Quad I/O)   | (1343) (*1)  |
| Micron | N25Q064A13E      | [XFCSP8]              | (4053) (*1)  |
| Micron | N25Q064A13E      | [XFCSP8] (Quad I/O)   | (4053) (*1)  |
| Micron | N25Q064A13E14    | [TBGA24] (Quad I/O)   | (1268) (*1)  |
| Micron | N25Q128A11E      | [DFN8 6x5]            | (3097) (*1)  |
| Micron | N25Q128A11E      | [DFN8 8x6]            | (3053) (*1)  |
| Micron | N25Q128A11E      | [DFN8 8x6] (Quad I/O) | (3926) (*1)  |

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|        |                 |                         |             |
|--------|-----------------|-------------------------|-------------|
| Micron | N25Q128A43T     | [SO16] (Quad I/O)       | (3101) (*1) |
| Micron | N25Q128A43T     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q128A43T     | [TBGA24] (Quad I/O)     | (1343) (*1) |
| Micron | N25Q128A43T     | [VDFPN8 8x6]            | (3053) (*1) |
| Micron | N25Q128A43T     | [VDFPN8 8x6] (Quad I/O) | (3053) (*1) |
| Micron | N25Q128Ax1E     | (ISP)                   | (138)       |
| Micron | N25Q128Ax3B     | (ISP)                   | (138)       |
| Micron | N25Q128Ax3E     | (ISP)                   | (138)       |
| Micron | N25Q128Ax3T     | (ISP)                   | (138)       |
| Micron | N25Q256A11E     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q256A11E     | [DFN8 8x6] (Quad I/O)   | (3926) (*1) |
| Micron | N25Q256A11E     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q256A11E     | [SO16W] (Quad I/O)      | (3100) (*1) |
| Micron | N25Q256A11E     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q256A11E     | [TBGA24] (Quad I/O)     | (3122) (*1) |
| Micron | N25Q256A13E     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q256A13E     | [DFN8 8x6] (Quad I/O)   | (3053) (*1) |
| Micron | N25Q256A13E     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q256A13E     | [SO16W] (Quad I/O)      | (3101) (*1) |
| Micron | N25Q256A13E     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q256A13E     | [TBGA24] (Quad I/O)     | (1343) (*1) |
| Micron | N25Q256A21E     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q256A21E     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q256A21E     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q256A23E     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q256A23E     | [DFN8 8x6] (Quad I/O)   | (3053) (*1) |
| Micron | N25Q256A23E     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q256A23E     | [SO16W] (Quad I/O)      | (3101) (*1) |
| Micron | N25Q256A23E     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q256A23E     | [TBGA24] (Quad I/O)     | (1343) (*1) |
| Micron | N25Q256A31E     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q256A31E     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q256A31E     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q256A33E     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q256A33E     | [DFN8 8x6] (Quad I/O)   | (3053) (*1) |
| Micron | N25Q256A33E     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q256A33E     | [SO16W] (Quad I/O)      | (3101) (*1) |
| Micron | N25Q256A33E     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q256A33E     | [TBGA24] (Quad I/O)     | (1343) (*1) |
| Micron | N25Q256A41E     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q256A41E     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q256A41E     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q256A43E     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q256A43E     | [DFN8 8x6] (Quad I/O)   | (3053) (*1) |
| Micron | N25Q256A43E     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q256A43E     | [SO16W] (Quad I/O)      | (3101) (*1) |
| Micron | N25Q256A43E     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q256A43E     | [TBGA24] (Quad I/O)     | (1343) (*1) |
| Micron | N25Q256A71E     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q256A71E     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q256A71E     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q256A73E     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q256A73E     | [DFN8 8x6] (Quad I/O)   | (3053) (*1) |
| Micron | N25Q256A73E     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q256A73E     | [SO16W] (Quad I/O)      | (3101) (*1) |
| Micron | N25Q256A73E     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q256A73E     | [TBGA24] (Quad I/O)     | (1343) (*1) |
| Micron | N25Q256A81E     | (ISP)                   | (138)       |
| Micron | N25Q256A81E     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q256A81E     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q256A83E     | (ISP)                   | (138)       |
| Micron | N25Q256A83E     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q256A83E     | [SO16W] (Quad I/O)      | (3101) (*1) |
| Micron | N25Q256A83E     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q256A83E     | [TBGA24] (Quad I/O)     | (1343) (*1) |
| Micron | N25Q256Ax1E     | (ISP)                   | (138)       |
| Micron | N25Q256Ax3E     | (ISP)                   | (138)       |
| Micron | N25Q512A11G     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q512A11G     | [SO16W] (Quad I/O)      | (3101) (*1) |
| Micron | N25Q512A11G     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q512A13G     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q512A13G     | [DFN8 8x6] (Quad I/O)   | (3053) (*1) |
| Micron | N25Q512A13G     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q512A13G     | [SO16W] (Quad I/O)      | (3101) (*1) |
| Micron | N25Q512A13G     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q512A13G     | [TBGA24] (Quad I/O)     | (1343) (*1) |
| Micron | N25Q512A21G     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q512A21G     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q512A23G     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q512A23G     | [DFN8 8x6] (Quad I/O)   | (3053) (*1) |
| Micron | N25Q512A23G     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q512A23G     | [SO16W] (Quad I/O)      | (3101) (*1) |
| Micron | N25Q512A23G     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q512A23G     | [TBGA24] (Quad I/O)     | (1343) (*1) |
| Micron | N25Q512A31G     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q512A31G     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q512A33G     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q512A33G     | [DFN8 8x6] (Quad I/O)   | (3053) (*1) |
| Micron | N25Q512A33G     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q512A33G     | [SO16W] (Quad I/O)      | (3101) (*1) |
| Micron | N25Q512A33G     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q512A33G     | [TBGA24] (Quad I/O)     | (1343) (*1) |
| Micron | N25Q512A41G     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q512A41G     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q512A43G     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q512A43G     | [DFN8 8x6] (Quad I/O)   | (3053) (*1) |
| Micron | N25Q512A43G     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q512A43G     | [SO16W] (Quad I/O)      | (3101) (*1) |
| Micron | N25Q512A43G     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q512A43G     | [TBGA24] (Quad I/O)     | (1343) (*1) |
| Micron | N25Q512A71G     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q512A71G     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q512A73G     | [DFN8 8x6]              | (3053) (*1) |
| Micron | N25Q512A73G     | [DFN8 8x6] (Quad I/O)   | (3053) (*1) |
| Micron | N25Q512A73G     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q512A73G     | [SO16W] (Quad I/O)      | (3101) (*1) |
| Micron | N25Q512A73G     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q512A73G     | [TBGA24] (Quad I/O)     | (1343) (*1) |
| Micron | N25Q512A81G     | (ISP)                   | (138)       |
| Micron | N25Q512A81G     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q512A83G     | (ISP)                   | (138)       |
| Micron | N25Q512A83G     | [SO16W]                 | (3101) (*1) |
| Micron | N25Q512A83G     | [SO16W] (Quad I/O)      | (3101) (*1) |
| Micron | N25Q512A83G     | [TBGA24]                | (1343) (*1) |
| Micron | N25Q512A83G     | [TBGA24] (Quad I/O)     | (1343) (*1) |
| Micron | N25Q512Ax1G     | (ISP)                   | (138)       |
| Micron | N25Q512Ax3G     | (ISP)                   | (138)       |
| Micron | N25W128A11E     | [VDFPN8 6x5]            | (3097) (*1) |
| Micron | N2M400EDA311A3B | [FBGA100]               | (2431) (*1) |
| Micron | N2M400FDA311A30 | [FBGA100]               | (2431) (*1) |
| Micron | N2M400FDA311A3B | [FBGA100]               | (2431) (*1) |
| Micron | N2M400FDB311A3C | [LBGA100]               | (2431) (*1) |
| Micron | N2M400GDA321A30 | [FBGA100]               | (2431) (*1) |
| Micron | N2M400GDA321A3B | [FBGA100]               | (2431) (*1) |
| Micron | N2M400GDB321A3C | [LBGA100]               | (2431) (*1) |
| Micron | N2M400HDA321A30 | [FBGA100]               | (2431) (*1) |
| Micron | N2M400HDA321A3B | [FBGA100]               | (2431) (*1) |
| Micron | N2M400HDB321A3C | [LBGA100]               | (2431) (*1) |

|        |                 |                        |                    |
|--------|-----------------|------------------------|--------------------|
| Micron | N2M400JDA341A30 | [FBGA100]              | (2431) (*1)        |
| Micron | N2M400JDA341A3B | [FBGA100]              | (2431) (*1)        |
| Micron | N2M400JDB341A3C | [LBGA100]              | (2431) (*1)        |
| Micron | NAND01GR3B2BZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND01GR3B2CZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND01GR3N6AZB  | [TFBGA107]             | (687)              |
| Micron | NAND01GR4N5AZB  | [TFBGA149]             | (1094)             |
| Micron | NAND01GW3A0AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND01GW3A2BN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND01GW3A2BV   | [USOP48]               | (2829)             |
| Micron | NAND01GW3B2AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND01GW3B2AZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND01GW3B2BN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND01GW3B2BN   | [TSOP48] (FOX-02)      | (1266) (*1)        |
| Micron | NAND01GW3B2BN   | [TSOP48] (LGE-03)      | (1266) (*1)        |
| Micron | NAND01GW3B2BN   | [TSOP48] (LGE-09)      | (1266) (*1)        |
| Micron | NAND01GW3B2BV   | [USOP48]               | (2829)             |
| Micron | NAND01GW3B2BZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND01GW3B2CN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND01GW3B2CN   | [TSOP48] (LGE-13)      | (1266) (*1)        |
| Micron | NAND01GW3B2CN   | [TSOP48] (LGE-19)      | (1266) (*1)        |
| Micron | NAND01GW3B2CN   | [TSOP48] (T&W-01)      | (1266) (*1)        |
| Micron | NAND01GW3B2CZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND01GW3B2CZA  | [VFBA63] (KAON-01)     | (2690) (*1)        |
| Micron | NAND01GW3B2CZA  | [VFBA63] (Thomson-01)  | (2690) (*1)        |
| Micron | NAND01GW3B2CZA  | [VFBA63] (Thomson-PRT) | (2690) (*1)        |
| Micron | NAND01GW3M2AZC  | [LFBGA137]             | (3047) (*1)        |
| Micron | NAND01GW3M2BZC  | [LFBGA137]             | (3047) (*1)        |
| Micron | NAND02GAH0I     | [LFBGA153]             | (2578) (*1)        |
| Micron | NAND02GAH0L     | [LFBGA153]             | (2578) (*1)        |
| Micron | NAND02GR3B2CZA  | [VFBA63]               | (904)              |
| Micron | NAND02GR3B2DZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND02GW3B2AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND02GW3B2BN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND02GW3B2CN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND02GW3B2CZA  | [VFBA63]               | (904)              |
| Micron | NAND02GW3B2DN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND02GW3B2DN   | [TSOP48] (LEX-02)      | (1266) (*1)        |
| Micron | NAND02GW3B2DN   | [TSOP48] (LGE-04)      | (1266) (*1)        |
| Micron | NAND02GW3B2DN   | [TSOP48] (LGE-11)      | (1266) (*1)        |
| Micron | NAND02GW3B2DN   | [TSOP48] (NAP-01)      | (1266) (*1)        |
| Micron | NAND02GW3B2DZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND02GW3B2DZA  | [VFBA63] (SAM-01)      | (2690) (9999) (*1) |
| Micron | NAND04GW3B2BN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND04GW3B2DN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND04GW3B2DN   | [TSOP48] (EPS-5)       | (1266) (*1)        |
| Micron | NAND04GW3B2DN   | [TSOP48] (LGE-15)      | (1266) (*1)        |
| Micron | NAND04GW3C2AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND04GW3C2BN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND08GAH0A     | [LFBGA169]             | (2392) (*1)        |
| Micron | NAND08GAH0B     | [LFBGA169]             | (2392) (*1)        |
| Micron | NAND08GAH0F     | [LFBGA153]             | (2578) (*1)        |
| Micron | NAND08GAH0J     | [LFBGA153]             | (2578) (*1)        |
| Micron | NAND08GAH0N     | [LFBGA169]             | (2392) (*1)        |
| Micron | NAND08GW3B2AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND08GW3B2CN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND08GW3B2CN   | [TSOP48] (LGE-17)      | (1266) (*1)        |
| Micron | NAND08GW3C2AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND08GW3C2BN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND08GW3D2AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND08GW3F2AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND128AH0K     | [TFBGA169]             | (2577) (*1)        |
| Micron | NAND128W3A0AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND128W3A0BN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND128W3A2BN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND128W3A2BN   | [TSOP48] (ALT-01)      | (1266) (*1)        |
| Micron | NAND128W3A2BN   | [TSOP48] (ALT-02)      | (1266) (*1)        |
| Micron | NAND128W3A2BV   | [USOP48]               | (2829)             |
| Micron | NAND16GAH0D     | [LFBGA169]             | (2392) (*1)        |
| Micron | NAND16GAH0H     | [LFBGA169]             | (2392) (*1)        |
| Micron | NAND16GAH0P     | [LFBGA169]             | (2392) (*1)        |
| Micron | NAND16GAHAP     | [LBGA100]              | (2431) (*1)        |
| Micron | NAND16GW3B4DN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND16GW3C2AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND16GW3C4AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND16GW3C4BN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND16GW3D2AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND16GW3F2AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND16GW3F4AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND256AH0K     | [LFBGA169]             | (2577) (*1)        |
| Micron | NAND256R3A2AZA  | [VFBA63]               | (1312)             |
| Micron | NAND256R3A2BZA  | [VFBA63]               | (1312)             |
| Micron | NAND256W3A0AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND256W3A0AZA  | [VFBA63]               | (1312)             |
| Micron | NAND256W3A2AZA  | [VFBA63]               | (1312)             |
| Micron | NAND256W3A2BN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND256W3A2BN   | [TSOP48] (ASKEY-01)    | (1266) (*1)        |
| Micron | NAND256W3A2BN   | [TSOP48] (ASKEY-02)    | (1266) (*1)        |
| Micron | NAND256W3A2BN   | [TSOP48] (ASKEY-03)    | (1266) (*1)        |
| Micron | NAND256W3A2BV   | [USOP48]               | (2829)             |
| Micron | NAND256W3A2BZA  | [VFBA63]               | (1312)             |
| Micron | NAND256W3A2BZA  | [VFBA63] (ASKEY-01)    | (1312)             |
| Micron | NAND32GAH0H     | [LFBGA169]             | (2392) (*1)        |
| Micron | NAND32GAH0K     | [TFBGA169]             | (2577) (*1)        |
| Micron | NAND32GAH0P     | [LFBGA169]             | (2392) (*1)        |
| Micron | NAND32GAHAK     | [LBGA100]              | (2431) (*1)        |
| Micron | NAND32GW3C2AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND32GW3D4AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND32GW3F4AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND512R3A2AZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND512R3A2AZB  | [TFBGA55]              | (1312)             |
| Micron | NAND512R3A2BZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND512R3A2CZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND512R3A2DZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND512R3A2SZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND512R3M0AZB  | [TFBGA107]             | (687)              |
| Micron | NAND512R4M5AZB  | [TFBGA149]             | (1094)             |
| Micron | NAND512W3A0AN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND512W3A2BN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND512W3A2BN   | [TSOP48] (ASKEY-02)    | (1266) (*1)        |
| Micron | NAND512W3A2BN   | [TSOP48] (ASKEY-03)    | (1266) (*1)        |
| Micron | NAND512W3A2BV   | [USOP48]               | (2829)             |
| Micron | NAND512W3A2BZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND512W3A2CN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND512W3A2CN   | [TSOP48] (LGE-07)      | (1266) (*1)        |
| Micron | NAND512W3A2CZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND512W3A2DN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND512W3A2DN   | [TSOP48] (LGE-08)      | (1266) (*1)        |
| Micron | NAND512W3A2DZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND512W3A2DZA  | [VFBA63] (Dataman-01)  | (2690) (*1)        |
| Micron | NAND512W3A2DZA  | [VFBA63] (DGT-01)      | (2690) (*1)        |
| Micron | NAND512W3A2SN   | [TSOP48]               | (1266) (*1)        |
| Micron | NAND512W3A2SN   | [TSOP48] (T&W-01)      | (1266) (*1)        |
| Micron | NAND512W3A2SZA  | [VFBA63]               | (2690) (*1)        |
| Micron | NAND512W3A2SZA  | [VFBA63] (ADS-01)      | (2690) (9999) (*1) |
| Micron | NAND512W3M2AZC  | [LFBGA137]             | (3047) (*1)        |
| Micron | NAND64GAH0H     | [LFBGA169]             | (2392) (*1)        |
| Micron | NAND64GAH0K     | [TFBGA169]             | (2577) (*1)        |

|        |                                    |             |
|--------|------------------------------------|-------------|
| Micron | NAND64GAH0P [LFBGA169]             | (2392) (*1) |
| Micron | NAND64GW3D4AN [TSOP48]             | (1266) (*1) |
| Micron | NAND88R3M0AZBB [TFBGA107]          | (687)       |
| Micron | NAND98R3M0AZBA [TFBGA149]          | (1094)      |
| Micron | NAND98R3M0AZBB [TFBGA107]          | (687)       |
| Micron | NAND98R3M0BZBB [TFBGA107]          | (687)       |
| Micron | NAND98R3M0CZBA [TFBGA149]          | (1094)      |
| Micron | NAND98R3M0CZBB [TFBGA107]          | (687)       |
| Micron | NAND98R3M1AZBC [TFBGA137]          | (3047) (*1) |
| Micron | NAND98R3M2AZBB [TFBGA107]          | (687)       |
| Micron | NAND98R4M2AZBA [TFBGA149]          | (1094)      |
| Micron | NAND98W3M0AZBB [TFBGA107]          | (687)       |
| Micron | NAND98W3M1AZBC [TFBGA137]          | (3047) (*1) |
| Micron | NAND99R3M1AZBC [TFBGA137]          | (3047) (*1) |
| Micron | NAND99R3M2AZBB [TFBGA107]          | (687)       |
| Micron | NAND99R4M2AZBA [TFBGA149]          | (1094)      |
| Micron | NAND99W3M0AZBB [TFBGA107]          | (687)       |
| Micron | NAND99W3M1AZBC [TFBGA137]          | (3047) (*1) |
| Micron | NAND99W3M1BZBC [TFBGA137]          | (3047) (*1) |
| Micron | NANDA9R3N0AZBB [TFBGA107]          | (687)       |
| Micron | NANDA9R3N0BZBB [TFBGA107]          | (687)       |
| Micron | NANDA9R3N1BZBC [TFBGA137]          | (3047) (*1) |
| Micron | NANDA9R3N2AZBB [TFBGA107]          | (687)       |
| Micron | NANDA9R3N3AZBC [TFBGA137]          | (3047) (*1) |
| Micron | NANDA9R3N6CZBB [TFBGA107]          | (687)       |
| Micron | NANDA9R4N0AZBA [TFBGA149]          | (1094)      |
| Micron | NANDA9R4N0BZBA [TFBGA149]          | (1094)      |
| Micron | NANDA9R4N1AZBC [TFBGA137]          | (3022) (*1) |
| Micron | NANDA9R4N2AZBA [TFBGA149]          | (1094)      |
| Micron | NANDA9R4N2BZBA [TFBGA149]          | (1094)      |
| Micron | NANDA9R4N3AZBC [TFBGA137]          | (3022) (*1) |
| Micron | NANDA9R4N4CZBA [TFBGA149]          | (1094)      |
| Micron | NANDA9R4N6BZBA [TFBGA149]          | (1094)      |
| Micron | NANDA9W3M1AZBC [TFBGA137]          | (3047) (*1) |
| Micron | NANDA9W3N0BZBB [TFBGA107]          | (687)       |
| Micron | NANDA9W3N1AZBC [TFBGA137]          | (3047) (*1) |
| Micron | NANDA9W3N6CZBB [TFBGA107]          | (687)       |
| Micron | NANDA9W4N1AZBC [TFBGA137]          | (3022) (*1) |
| Micron | NANDAAR4N4AZBA [TFBGA149]          | (1094)      |
| Micron | NANDB9R4N2AZBA [TFBGA149]          | (1094)      |
| Micron | NANDB9R4N5AZBC [TFBGA137]          | (3022) (*1) |
| Micron | NANDBAR4N0AZBA [TFBGA149]          | (1094)      |
| Micron | NANDBAR4N1AZBC [TFBGA137]          | (3022) (*1) |
| Micron | NANDBAR4N2AZBA [TFBGA149]          | (1094)      |
| Micron | NANDBAR4N5BZBC [TFBGA137]          | (3022) (*1) |
| Micron | NANDBAR4N7BZBC [TFBGA137]          | (3022) (*1) |
| Micron | NANDBAW4N1AZBC [TFBGA137]          | (3022) (*1) |
| Micron | NAINDC3R4N5AZCC [LFBGA137]         | (3022) (*1) |
| Micron | NAINDC9R4N0AZBA [TFBGA149]         | (1094)      |
| Micron | NAINDC9R4N0BZBA [TFBGA149]         | (1094)      |
| Micron | NAINDCAW4N1AZBC [TFBGA137]         | (3022) (*1) |
| Micron | NAINDCBR4N3AZCC [LFBGA137]         | (3022) (*1) |
| Micron | NAINDCBR4N5AZBC [TFBGA137]         | (3022) (*1) |
| Micron | NAINDCBR4N5BZBC [TFBGA137]         | (3022) (*1) |
| Micron | NAINDCBR4N5BZBC [TFBGA137] (EPS-2) | (3022) (*1) |
| Micron | NAINDCBR4N7AZBC [TFBGA137]         | (3022) (*1) |
| Micron | NAINDCCR4N5AZCC [LFBGA137]         | (3022) (*1) |
| Micron | NAINDD3R4N5AZCC [LFBGA137]         | (3022) (*1) |
| Micron | NAINDDBR4N5AZCC [LFBGA137]         | (3022) (*1) |
| Micron | NAINDDBR4N5AZCC [LFBGA137] (EPS-2) | (3022) (*1) |
| Micron | NAINDDBR4N5BZCC [LFBGA137]         | (3022) (*1) |
| Micron | NP5Q032Ax3 [S016]                  | (3101) (*1) |
| Micron | NP5Q032Ax3 [S016] (Quad I/O)       | (3101) (*1) |
| Micron | NP5Q064Ax3 [S016]                  | (3101) (*1) |
| Micron | NP5Q064Ax3 [S016] (Quad I/O)       | (3101) (*1) |
| Micron | NP5Q128Ax3 [S016]                  | (3101) (*1) |
| Micron | NP5Q128Ax3 [S016] (Quad I/O)       | (3101) (*1) |
| Micron | NP8P128A (ISP)                     | (138)       |
| Micron | NP8P128AxxB [EasyBGA64]            | (867)       |
| Micron | NP8P128AxxB [TSOP56]               | (1408)      |
| Micron | NP8P128AxxT [EasyBGA64]            | (867)       |
| Micron | NP8P128AxxT [TSOP56]               | (1408)      |
| Micron | NQ101 [VFBGA63]                    | (1171)      |
| Micron | NQ102 [VFBGA63]                    | (1171)      |
| Micron | NQ103 [VFBGA63]                    | (1171)      |
| Micron | NQ104 [VFBGA63]                    | (1171)      |
| Micron | NQ108 [VFBGA63]                    | (1171)      |
| Micron | NQ109 [VFBGA63]                    | (1171)      |
| Micron | NQ139 [VFBGA63]                    | (1171)      |
| Micron | NQ140 [VFBGA63]                    | (1171)      |
| Micron | NQ141 [VFBGA63]                    | (1171)      |
| Micron | NQ142 [VFBGA63]                    | (1171)      |
| Micron | NQ143 [VFBGA63]                    | (1171)      |
| Micron | NQ179 [VLGA52]                     | (2619)      |
| Micron | NQ180 [VLGA52]                     | (2619)      |
| Micron | NQ264 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ265 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ266 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ267 [VFBGA63]                    | (1171)      |
| Micron | NQ272 [VLGA52]                     | (2619)      |
| Micron | NQ273 [VLGA52]                     | (2619)      |
| Micron | NQ275 [VLGA52]                     | (2619)      |
| Micron | NQ277 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ278 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ279 [VFBGA63]                    | (1171)      |
| Micron | NQ280 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ281 [VFBGA63]                    | (1171)      |
| Micron | NQ282 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ283 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ284 [VBGA100]                    | (2570)      |
| Micron | NQ285 [VBGA100]                    | (2570)      |
| Micron | NQ295 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ296 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ297 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ298 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ299 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ300 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ301 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ302 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ308 [VBGA100]                    | (2570)      |
| Micron | NQ309 [VBGA100]                    | (2570)      |
| Micron | NQ310 [VBGA100]                    | (2570)      |
| Micron | NQ311 [VBGA100]                    | (2570)      |
| Micron | NQ323 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ324 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ325 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ326 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ327 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ328 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ330 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ331 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ352 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ353 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ354 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ356 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ384 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ403 [VFBGA63]                    | (2690) (*1) |
| Micron | NQ404 [VFBGA63]                    | (2690) (*1) |

|        |       |            |             |
|--------|-------|------------|-------------|
| Micron | NQ405 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ406 | [VFBGA63]  | (1171)      |
| Micron | NQ407 | [VFBGA63]  | (1171)      |
| Micron | NQ409 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ410 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ412 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ413 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ416 | [VFBGA153] | (2667) (*1) |
| Micron | NQ418 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ424 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ425 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ426 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ427 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ428 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ429 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ430 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ431 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ432 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ434 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ435 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ437 | [VFBGA63]  | (3121)      |
| Micron | NQ440 | [VFBGA63]  | (3121)      |
| Micron | NQ442 | [VBGA100]  | (2570)      |
| Micron | NQ449 | [VFBGA63]  | (3121)      |
| Micron | NQ451 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ455 | [VFBGA63]  | (2690) (*1) |
| Micron | NQ464 | [U-PDFN8]  | (4913) (*1) |
| Micron | NW101 | [VFBGA63]  | (1171)      |
| Micron | NW102 | [VFBGA63]  | (1171)      |
| Micron | NW103 | [VFBGA63]  | (1171)      |
| Micron | NW104 | [VFBGA63]  | (1171)      |
| Micron | NW108 | [VFBGA63]  | (1171)      |
| Micron | NW109 | [VFBGA63]  | (1171)      |
| Micron | NW116 | [VFBGA63]  | (1171)      |
| Micron | NW139 | [VFBGA63]  | (1171)      |
| Micron | NW140 | [VFBGA63]  | (1171)      |
| Micron | NW141 | [VFBGA63]  | (1171)      |
| Micron | NW142 | [VFBGA63]  | (1171)      |
| Micron | NW143 | [VFBGA63]  | (1171)      |
| Micron | NW145 | [VFBGA63]  | (1171)      |
| Micron | NW146 | [VFBGA63]  | (1171)      |
| Micron | NW161 | [VFBGA63]  | (2690) (*1) |
| Micron | NW162 | [VFBGA63]  | (1171)      |
| Micron | NW163 | [VFBGA63]  | (1171)      |
| Micron | NW164 | [VFBGA63]  | (2690) (*1) |
| Micron | NW167 | [VBGA100]  | (2570)      |
| Micron | NW176 | [VLGA52]   | (2619)      |
| Micron | NW179 | [VLGA52]   | (2619)      |
| Micron | NW189 | [VFBGA63]  | (2690) (*1) |
| Micron | NW190 | [VFBGA63]  | (2690) (*1) |
| Micron | NW193 | [VFBGA63]  | (1171)      |
| Micron | NW194 | [VFBGA63]  | (2690) (*1) |
| Micron | NW195 | [VFBGA63]  | (2690) (*1) |
| Micron | NW196 | [VFBGA63]  | (1171)      |
| Micron | NW197 | [VFBGA63]  | (2690) (*1) |
| Micron | NW198 | [VFBGA63]  | (2690) (*1) |
| Micron | NW199 | [VFBGA63]  | (2690) (*1) |
| Micron | NW221 | [VFBGA63]  | (1524) (*1) |
| Micron | NW222 | [VFBGA63]  | (1524) (*1) |
| Micron | NW223 | [VFBGA63]  | (2690) (*1) |
| Micron | NW224 | [VFBGA63]  | (2690) (*1) |
| Micron | NW225 | [VFBGA63]  | (2690) (*1) |
| Micron | NW226 | [VFBGA63]  | (2690) (*1) |
| Micron | NW227 | [VFBGA63]  | (2690) (*1) |
| Micron | NW228 | [VFBGA63]  | (2690) (*1) |
| Micron | NW229 | [VFBGA63]  | (2690) (*1) |
| Micron | NW230 | [VFBGA63]  | (2690) (*1) |
| Micron | NW234 | [VBGA100]  | (2570)      |
| Micron | NW237 | [VFBGA63]  | (2690) (*1) |
| Micron | NW238 | [VFBGA63]  | (2690) (*1) |
| Micron | NW240 | [VFBGA63]  | (1524) (*1) |
| Micron | NW241 | [VFBGA63]  | (1524) (*1) |
| Micron | NW264 | [VFBGA63]  | (2690) (*1) |
| Micron | NW265 | [VFBGA63]  | (2690) (*1) |
| Micron | NW266 | [VFBGA63]  | (1171)      |
| Micron | NW267 | [VFBGA63]  | (1171)      |
| Micron | NW278 | [VBGA100]  | (2570)      |
| Micron | NW285 | [VLGA52]   | (2619)      |
| Micron | NW286 | [VLGA52]   | (2619)      |
| Micron | NW288 | [VLGA52]   | (2619)      |
| Micron | NW290 | [VLGA52]   | (2619)      |
| Micron | NW301 | [VFBGA63]  | (2690) (*1) |
| Micron | NW302 | [VFBGA63]  | (2690) (*1) |
| Micron | NW303 | [VFBGA63]  | (1171)      |
| Micron | NW304 | [VFBGA63]  | (2690) (*1) |
| Micron | NW305 | [VFBGA63]  | (1171)      |
| Micron | NW311 | [VFBGA63]  | (1171)      |
| Micron | NW312 | [VFBGA63]  | (2690) (*1) |
| Micron | NW313 | [VFBGA63]  | (2690) (*1) |
| Micron | NW314 | [VFBGA63]  | (1171)      |
| Micron | NW315 | [VFBGA63]  | (2690) (*1) |
| Micron | NW316 | [VFBGA63]  | (1171)      |
| Micron | NW319 | [VFBGA63]  | (2690) (*1) |
| Micron | NW323 | [VFBGA63]  | (2690) (*1) |
| Micron | NW324 | [VFBGA63]  | (2690) (*1) |
| Micron | NW325 | [VFBGA63]  | (2690) (*1) |
| Micron | NW326 | [VFBGA63]  | (2690) (*1) |
| Micron | NW330 | [VBGA100]  | (2570)      |
| Micron | NW331 | [VBGA100]  | (2570)      |
| Micron | NW332 | [VFBGA63]  | (2690) (*1) |
| Micron | NW333 | [VFBGA63]  | (2690) (*1) |
| Micron | NW334 | [VFBGA63]  | (2690) (*1) |
| Micron | NW336 | [VFBGA63]  | (2690) (*1) |
| Micron | NW339 | [VFBGA63]  | (2690) (*1) |
| Micron | NW340 | [VFBGA63]  | (2690) (*1) |
| Micron | NW341 | [VFBGA63]  | (2690) (*1) |
| Micron | NW343 | [VFBGA63]  | (2690) (*1) |
| Micron | NW346 | [VFBGA63]  | (2690) (*1) |
| Micron | NW358 | [VFBGA63]  | (2690) (*1) |
| Micron | NW360 | [VFBGA63]  | (2690) (*1) |
| Micron | NW361 | [VFBGA63]  | (2690) (*1) |
| Micron | NW362 | [VFBGA63]  | (2690) (*1) |
| Micron | NW363 | [VFBGA63]  | (1171)      |
| Micron | NW364 | [VFBGA63]  | (1171)      |
| Micron | NW372 | [VFBGA63]  | (2690) (*1) |
| Micron | NW373 | [VFBGA63]  | (2690) (*1) |
| Micron | NW385 | [VBGA152]  | (4605)      |
| Micron | NW400 | [VFBGA63]  | (2690) (*1) |
| Micron | NW401 | [VFBGA63]  | (2690) (*1) |
| Micron | NW411 | [VFBGA63]  | (2690) (*1) |
| Micron | NW414 | [VBGA100]  | (2570)      |
| Micron | NW415 | [VBGA100]  | (2570)      |
| Micron | NW420 | [VLGA52]   | (2619)      |
| Micron | NW421 | [VLGA52]   | (2619)      |
| Micron | NW424 | [VLGA52]   | (2619)      |
| Micron | NW425 | [VLGA52]   | (2619)      |
| Micron | NW431 | [VLGA52]   | (2619)      |
| Micron | NW432 | [VLGA52]   | (2619)      |

|        |       |                   |               |
|--------|-------|-------------------|---------------|
| Micron | NW438 | [VBGA100]         | (2570)        |
| Micron | NW439 | [VBGA100]         | (2570)        |
| Micron | NW442 | [VBGA100]         | (2570)        |
| Micron | NW443 | [VBGA100]         | (2570)        |
| Micron | NW523 | [VBGA152]         | (4605)        |
| Micron | NW592 | [VBGA152]         | (4605)        |
| Micron | NW602 | [VBGA152]         | (4605)        |
| Micron | NW661 | [LBGA152]         | (4605)        |
| Micron | NW677 | [VBGA152]         | (4605)        |
| Micron | NW677 | [VBGA152] (L0/L3) | (4605) (9999) |
| Micron | NW753 | [VFBGA63]         | (3121)        |
| Micron | NW778 | [LBGA152]         | (4605)        |
| Micron | NW789 | [T-PBGA24]        | (3122)        |
| Micron | NW798 | [VFBGA63]         | (2690) (*1)   |
| Micron | NW799 | [VFBGA63]         | (2690) (*1)   |
| Micron | NW800 | [VFBGA63]         | (3121)        |
| Micron | NW803 | [SOP16]           | (3100) (*1)   |
| Micron | NW804 | [T-PBGA24]        | (3122)        |
| Micron | NW806 | [SOP16]           | (3100) (*1)   |
| Micron | NW811 | [VFBGA63]         | (2690) (*1)   |
| Micron | NW812 | [VFBGA63]         | (2690) (*1)   |
| Micron | NW872 | [U-PDFN8]         | (4913) (*1)   |
| Micron | NW873 | [U-PDFN8]         | (4970)        |
| Micron | NW874 | [U-PDFN8]         | (4913) (*1)   |
| Micron | NW875 | [U-PDFN8]         | (4913) (*1)   |
| Micron | NW880 | [SOP16]           | (3100) (*1)   |
| Micron | NW882 | [SOP16]           | (3100) (*1)   |
| Micron | NW899 | [VBGA152]         | (4605)        |
| Micron | NW899 | [VBGA152] (L0/L3) | (4605) (9999) |
| Micron | NW936 | [VFBGA63]         | (3121)        |
| Micron | NW940 | [T-PBGA24]        | (3122)        |
| Micron | NW942 | [U-PDFN8]         | (4970)        |
| Micron | NW943 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX101 | [VFBGA63]         | (1171)        |
| Micron | NX102 | [VFBGA63]         | (1171)        |
| Micron | NX103 | [VFBGA63]         | (1171)        |
| Micron | NX104 | [VFBGA63]         | (1171)        |
| Micron | NX108 | [VFBGA63]         | (1171)        |
| Micron | NX109 | [VFBGA63]         | (1171)        |
| Micron | NX116 | [VFBGA63]         | (1171)        |
| Micron | NX139 | [VFBGA63]         | (1171)        |
| Micron | NX140 | [VFBGA63]         | (1171)        |
| Micron | NX141 | [VFBGA63]         | (1171)        |
| Micron | NX142 | [VFBGA63]         | (1171)        |
| Micron | NX143 | [VFBGA63]         | (1171)        |
| Micron | NX145 | [VFBGA63]         | (1171)        |
| Micron | NX146 | [VFBGA63]         | (1171)        |
| Micron | NX161 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX162 | [VFBGA63]         | (1171)        |
| Micron | NX163 | [VFBGA63]         | (1171)        |
| Micron | NX164 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX167 | [VBGA100]         | (2570)        |
| Micron | NX176 | [VLGA52]          | (2619)        |
| Micron | NX179 | [VLGA52]          | (2619)        |
| Micron | NX194 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX195 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX196 | [VFBGA63]         | (1171)        |
| Micron | NX197 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX199 | [VFBGA63]         | (1171)        |
| Micron | NX200 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX201 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX206 | [VBGA100]         | (2570)        |
| Micron | NX221 | [VFBGA63]         | (1524) (*1)   |
| Micron | NX222 | [VFBGA63]         | (1524) (*1)   |
| Micron | NX223 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX224 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX225 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX226 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX227 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX228 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX229 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX230 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX237 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX238 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX240 | [VFBGA63]         | (1524) (*1)   |
| Micron | NX241 | [VFBGA63]         | (1524) (*1)   |
| Micron | NX264 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX265 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX266 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX267 | [VFBGA63]         | (1171)        |
| Micron | NX269 | [VBGA100]         | (2570)        |
| Micron | NX270 | [VBGA100]         | (2570)        |
| Micron | NX271 | [VBGA100]         | (2570)        |
| Micron | NX272 | [VBGA100]         | (2570)        |
| Micron | NX277 | [VLGA52]          | (2619)        |
| Micron | NX278 | [VLGA52]          | (2619)        |
| Micron | NX279 | [VLGA52]          | (2619)        |
| Micron | NX280 | [VLGA52]          | (2619)        |
| Micron | NX283 | [VLGA52]          | (2619)        |
| Micron | NX284 | [VLGA52]          | (2619)        |
| Micron | NX290 | [VLGA52]          | (2619)        |
| Micron | NX300 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX301 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX302 | [VFBGA63]         | (1171)        |
| Micron | NX303 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX304 | [VFBGA63]         | (1171)        |
| Micron | NX306 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX307 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX312 | [VFBGA63]         | (1171)        |
| Micron | NX313 | [VFBGA63]         | (1171)        |
| Micron | NX320 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX321 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX322 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX323 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX337 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX338 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX339 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX340 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX368 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX369 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX370 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX371 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX372 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX373 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX376 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX377 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX378 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX397 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX398 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX415 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX417 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX418 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX421 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX422 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX423 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX424 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX425 | [VFBGA63]         | (2690) (*1)   |
| Micron | NX426 | [VFBGA63]         | (2690) (*1)   |



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|        |                  |              |               |            |
|--------|------------------|--------------|---------------|------------|
| Micron | PC28F640P30BF    | [EasyBGA64]  | (simple OTP)  | (701)      |
| Micron | PC28F640P30TF    | [EasyBGA64]  |               | (701)      |
| Micron | PC28F640P30TF    | [EasyBGA64]  | (BEFP)        | (701)      |
| Micron | PC28F640P30TF    | [EasyBGA64]  | (device OTP)  | (701)      |
| Micron | PC28F640P30TF    | [EasyBGA64]  | (simple OTP)  | (701)      |
| Micron | PC28F640P33BF    | [Easy BGA64] |               | (867)      |
| Micron | PC28F640P33TF    | [Easy BGA64] |               | (867)      |
| Micron | PC48F4400P0TB0E  | [Easy BGA64] |               | (701)      |
| Micron | PC48F4400P0TB0E  | [Easy BGA64] | (BEFP)        | (701)      |
| Micron | PC48F4400P0TB0E  | [Easy BGA64] | (BEFP) (NOR1) | (701)      |
| Micron | PC48F4400P0TB0E  | [Easy BGA64] | (BEFP) (NOR2) | (701)      |
| Micron | PC48F4400P0TB0E  | [Easy BGA64] | (NOR1)        | (701)      |
| Micron | PC48F4400P0TB0E  | [Easy BGA64] | (NOR2)        | (701)      |
| Micron | PC48F4400P0VB02  | [Easy BGA64] |               | (701)      |
| Micron | PC48F4400P0VB02  | [Easy BGA64] | (BEFP)        | (701)      |
| Micron | PC48F4400P0VB02  | [Easy BGA64] | (BEFP) (NOR1) | (701)      |
| Micron | PC48F4400P0VB02  | [Easy BGA64] | (BEFP) (NOR2) | (701)      |
| Micron | PC48F4400P0VB02  | [Easy BGA64] | (NOR1)        | (701)      |
| Micron | PC48F4400P0VB02  | [Easy BGA64] | (NOR2)        | (701)      |
| Micron | PC48F4400P0VB0E  | [Easy BGA64] |               | (701)      |
| Micron | PC48F4400P0VB0E  | [Easy BGA64] | (BEFP)        | (701)      |
| Micron | PC48F4400P0VB0E  | [Easy BGA64] | (BEFP) (NOR1) | (701)      |
| Micron | PC48F4400P0VB0E  | [Easy BGA64] | (BEFP) (NOR2) | (701)      |
| Micron | PC48F4400P0VB0E  | [Easy BGA64] | (NOR1)        | (701)      |
| Micron | PC48F4400P0VB0E  | [Easy BGA64] | (NOR2)        | (701)      |
| Micron | PF48F3000P0ZBQE  | [SCSP88]     |               | (637)      |
| Micron | PF48F3000P0ZTQE  | [SCSP88]     |               | (637)      |
| Micron | PF48F4000P0ZBQE  | [SCSP88]     |               | (804)      |
| Micron | PF48F4000P0ZTQE  | [SCSP88]     |               | (804)      |
| Micron | PF48F4400P0VBQ2  | [SCSP88]     |               | (875)      |
| Micron | PF48F4400P0VBQ2  | [SCSP88]     | (BEFP)        | (875)      |
| Micron | PF48F4400P0VBQ2  | [SCSP88]     | (BEFP) (NOR1) | (875)      |
| Micron | PF48F4400P0VBQ2  | [SCSP88]     | (BEFP) (NOR2) | (875)      |
| Micron | PF48F4400P0VBQ2  | [SCSP88]     | (NOR1)        | (875)      |
| Micron | PF48F4400P0VBQ2  | [SCSP88]     | (NOR2)        | (875)      |
| Micron | PF48F4400P0VBQE  | [SCSP88]     |               | (875)      |
| Micron | PF48F4400P0VBQE  | [SCSP88]     | (BEFP)        | (875)      |
| Micron | PF48F4400P0VBQE  | [SCSP88]     | (BEFP) (NOR1) | (875)      |
| Micron | PF48F4400P0VBQE  | [SCSP88]     | (BEFP) (NOR2) | (875)      |
| Micron | PF48F4400P0VBQE  | [SCSP88]     | (NOR1)        | (875)      |
| Micron | PF48F4400P0VBQE  | [SCSP88]     | (NOR2)        | (875)      |
| Micron | PN28F256M29EWH   | [VFBGA56]    |               | (2772)     |
| Micron | PN28F256M29EWL   | [VFBGA56]    |               | (2772)     |
| Micron | PZ28F032M29EWH   | [BGA48]      |               | (859)      |
| Micron | PZ28F032M29EWH   | [BGA48]      |               | (859)      |
| Micron | PZ28F032M29EWL   | [BGA48]      |               | (859)      |
| Micron | PZ28F032M29EWT   | [BGA48]      |               | (859)      |
| Micron | PZ28F064M29EWH   | [BGA48]      |               | (859)      |
| Micron | PZ28F064M29EWBA  | [BGA48]      |               | (859)      |
| Micron | PZ28F064M29EWBX  | [BGA48]      |               | (859)      |
| Micron | PZ28F064M29EWH   | [BGA48]      |               | (859)      |
| Micron | PZ28F064M29EWHHA | [BGA48]      |               | (859)      |
| Micron | PZ28F064M29EWHX  | [BGA48]      |               | (859)      |
| Micron | PZ28F064M29EWL   | [BGA48]      |               | (859)      |
| Micron | PZ28F064M29EWLA  | [BGA48]      |               | (859)      |
| Micron | PZ28F064M29EWLX  | [BGA48]      |               | (859)      |
| Micron | PZ28F064M29EWT   | [BGA48]      |               | (859)      |
| Micron | PZ28F064M29EWTA  | [BGA48]      |               | (859)      |
| Micron | PZ28F064M29EWTX  | [BGA48]      |               | (859)      |
| Micron | RC28F00AM29EWH   | [BGA64]      |               | (1109)     |
| Micron | RC28F00AM29EWL   | [BGA64]      |               | (1109)     |
| Micron | RC28F00AP30BF    | [EasyBGA64]  |               | (1307)     |
| Micron | RC28F00AP30BF    | [EasyBGA64]  | (BEFP)        | (1307)     |
| Micron | RC28F00AP30TF    | [EasyBGA64]  |               | (1307)     |
| Micron | RC28F00AP30TF    | [EasyBGA64]  | (BEFP)        | (1307)     |
| Micron | RC28F00BM29EWH   | [BGA64]      |               | (2599)     |
| Micron | RC28F128J3F      | [Easy BGA64] |               | (943)      |
| Micron | RC28F128M29EWH   | [BGA64]      |               | (938)      |
| Micron | RC28F128M29EWL   | [BGA64]      |               | (938)      |
| Micron | RC28F128P30BF    | [EasyBGA64]  |               | (701)      |
| Micron | RC28F128P30BF    | [EasyBGA64]  | (BEFP)        | (701)      |
| Micron | RC28F128P30TF    | [EasyBGA64]  |               | (701)      |
| Micron | RC28F128P33BF    | [Easy BGA64] |               | (867)      |
| Micron | RC28F128P33TF    | [Easy BGA64] |               | (867)      |
| Micron | RC28F256J3F      | [Easy BGA64] |               | (1255)     |
| Micron | RC28F256M29EWH   | [BGA64]      |               | (938)      |
| Micron | RC28F256M29EWL   | [BGA64]      |               | (938)      |
| Micron | RC28F256P30B2    | [EasyBGA64]  |               | (701)      |
| Micron | RC28F256P30BF    | [EasyBGA64]  |               | (701)      |
| Micron | RC28F256P30BF    | [EasyBGA64]  | (BEFP)        | (701)      |
| Micron | RC28F256P30T2    | [EasyBGA64]  |               | (701)      |
| Micron | RC28F256P30TF    | [EasyBGA64]  |               | (701)      |
| Micron | RC28F256P30TF    | [EasyBGA64]  | (BEFP)        | (701)      |
| Micron | RC28F256P33B2    | [Easy BGA64] |               | (701)      |
| Micron | RC28F256P33B2    | [Easy BGA64] | (BEFP)        | (701)      |
| Micron | RC28F256P33BF    | [Easy BGA64] |               | (701)      |
| Micron | RC28F256P33BF    | [Easy BGA64] | (BEFP)        | (701)      |
| Micron | RC28F256P33T2    | [Easy BGA64] |               | (701)      |
| Micron | RC28F256P33T2    | [Easy BGA64] | (BEFP)        | (701)      |
| Micron | RC28F256P33TF    | [Easy BGA64] |               | (701)      |
| Micron | RC28F256P33TF    | [Easy BGA64] | (BEFP)        | (701)      |
| Micron | RC28F320J3F      | [Easy BGA64] |               | (943)      |
| Micron | RC28F512M29EWH   | [BGA64]      |               | (938)      |
| Micron | RC28F512M29EWL   | [BGA64]      |               | (938)      |
| Micron | RC28F640J3F      | [Easy BGA64] |               | (943)      |
| Micron | RC28F640P30BF    | [EasyBGA64]  |               | (701)      |
| Micron | RC28F640P30BF    | [EasyBGA64]  | (BEFP)        | (701)      |
| Micron | RC28F640P30TF    | [EasyBGA64]  |               | (701)      |
| Micron | RC28F640P30TF    | [EasyBGA64]  | (BEFP)        | (701)      |
| Micron | RC28F640P33BF    | [Easy BGA64] |               | (867)      |
| Micron | RC28F640P33TF    | [Easy BGA64] |               | (867)      |
| Micron | RC48F4400P0TB0E  | [Easy BGA64] |               | (701)      |
| Micron | RC48F4400P0TB0E  | [Easy BGA64] | (BEFP)        | (701)      |
| Micron | RC48F4400P0TB0E  | [Easy BGA64] | (BEFP) (NOR1) | (701)      |
| Micron | RC48F4400P0TB0E  | [Easy BGA64] | (BEFP) (NOR2) | (701)      |
| Micron | RC48F4400P0TB0E  | [Easy BGA64] | (NOR1)        | (701)      |
| Micron | RC48F4400P0TB0E  | [Easy BGA64] | (NOR2)        | (701)      |
| Micron | RC48F4400P0VB02  | [Easy BGA64] |               | (701)      |
| Micron | RC48F4400P0VB02  | [Easy BGA64] | (BEFP)        | (701)      |
| Micron | RC48F4400P0VB02  | [Easy BGA64] | (BEFP) (NOR1) | (701)      |
| Micron | RC48F4400P0VB02  | [Easy BGA64] | (BEFP) (NOR2) | (701)      |
| Micron | RC48F4400P0VB02  | [Easy BGA64] | (NOR1)        | (701)      |
| Micron | RC48F4400P0VB02  | [Easy BGA64] | (NOR2)        | (701)      |
| Micron | RC48F4400P0VB0E  | [Easy BGA64] |               | (701)      |
| Micron | RC48F4400P0VB0E  | [Easy BGA64] | (BEFP)        | (701)      |
| Micron | RC48F4400P0VB0E  | [Easy BGA64] | (BEFP) (NOR1) | (701)      |
| Micron | RC48F4400P0VB0E  | [Easy BGA64] | (BEFP) (NOR2) | (701)      |
| Micron | RC48F4400P0VB0E  | [Easy BGA64] | (NOR1)        | (701)      |
| Micron | RC48F4400P0VB0E  | [Easy BGA64] | (NOR2)        | (701)      |
| Micron | RD48F3000P0ZBQE  | [SCSP88]     |               | (637)      |
| Micron | RD48F3000P0ZTQE  | [SCSP88]     |               | (637)      |
| Micron | RD48F4400P0VBQE  | [SCSP88]     |               | (875)      |
| Micron | RD48F4400P0VBQE  | [SCSP88]     | (BEFP)        | (875)      |
| Micron | RD48F4400P0VBQE  | [SCSP88]     | (BEFP) (NOR1) | (875)      |
| Micron | RD48F4400P0VBQE  | [SCSP88]     | (BEFP) (NOR2) | (875)      |
| Micron | RD48F4400P0VBQE  | [SCSP88]     | (NOR1)        | (875)      |
| Micron | RD48F4400P0VBQE  | [SCSP88]     | (NOR2)        | (875)      |
| Micron | SFFMI [LBGA100]  |              |               | (3113)(*1) |

|           |           |                 |        |      |
|-----------|-----------|-----------------|--------|------|
| Micron    | SFFML     | [LBGA100]       | (3113) | (*1) |
| Micron    | SFFMM     | [LBGA100]       | (3113) | (*1) |
| Micron    | SFFMN     | [TFBGA153]      | (3147) | (*1) |
| Micron    | SFFMO     | [TFBGA169]      | (3297) | (*1) |
| Micron    | SFFMP     | [LBGA100]       | (3113) | (*1) |
| Micron    | SFFMQ     | [LBGA100]       | (3113) | (*1) |
| Micron    | SFFMR     | [LBGA100]       | (3113) | (*1) |
| Micron    | SFFMS     | [TFBGA153]      | (3147) | (*1) |
| Micron    | SFFMT     | [TFBGA169]      | (3297) | (*1) |
| Micron    | SFFMU     | [LFBGA169]      | (3297) | (*1) |
| Micron    | SJJHI     | [LBGA100]       | (2431) | (*1) |
| Micron    | SJJHL     | [TFBGA153]      | (2578) | (*1) |
| Micron    | SJJMI     | [VFBGA153]      | (3148) | (*1) |
| Micron    | SJJML     | [VFBGA153]      | (3148) | (*1) |
| Micron    | SMPVI     | [LBGA100]       | (3113) | (*1) |
| Micron    | SMPVL     | [LFBGA169]      | (3297) | (*1) |
| Micron    | SMPVN     | [LBGA100]       | (3113) | (*1) |
| Micron    | SMPVO     | [LFBGA169]      | (3297) | (*1) |
| Micron    | SNPPE     | [TFBGA169]      | (3297) | (*1) |
| Micron    | SNPPF     | [TFBGA169]      | (3297) | (*1) |
| Micronas  | SDA555xFL | [SDIP52]        | (554)  |      |
| Microsemi | A2F060M3E | [FBGA256] (STP) | (2135) |      |
| Microsemi | A2F200M3F | [FBGA256] (STP) | (2135) |      |
| Microsemi | A2F200M3F | [FBGA484] (STP) | (3421) |      |
| Microsemi | A2F200M3F | [PQFP208] (STP) | (2423) |      |
| Microsemi | A2F500M3G | [FBGA256] (STP) | (2135) |      |
| Microsemi | A2F500M3G | [FBGA484] (STP) | (3421) |      |
| Microsemi | A2F500M3G | [PQFP208] (STP) | (2423) |      |
| Microsemi | A3P030    | (ISP-STP)       | (138)  |      |
| Microsemi | A3P030    | [QFN132] (STP)  | (1488) |      |
| Microsemi | A3P030    | [QFN48] (STP)   | (1478) |      |
| Microsemi | A3P030    | [QFN68] (STP)   | (1128) |      |
| Microsemi | A3P030    | [VQFP100] (STP) | (1082) |      |
| Microsemi | A3P060    | (ISP-STP)       | (138)  |      |
| Microsemi | A3P060    | [CSP121] (STP)  | (1586) |      |
| Microsemi | A3P060    | [FBGA144] (STP) | (1143) |      |
| Microsemi | A3P060    | [QFN132] (STP)  | (1489) |      |
| Microsemi | A3P060    | [TQFP144] (STP) | (1084) |      |
| Microsemi | A3P060    | [VQFP100] (STP) | (1082) |      |
| Microsemi | A3P1000   | (ISP-STP)       | (138)  |      |
| Microsemi | A3P1000   | [FBGA144] (STP) | (1143) |      |
| Microsemi | A3P1000   | [FBGA256] (STP) | (1252) |      |
| Microsemi | A3P1000   | [FBGA484] (STP) | (1339) |      |
| Microsemi | A3P1000   | [PQFP208] (STP) | (1083) |      |
| Microsemi | A3P1000L  | (ISP-STP)       | (138)  |      |
| Microsemi | A3P1000L  | [FBGA144] (STP) | (1143) |      |
| Microsemi | A3P1000L  | [FBGA256] (STP) | (1252) |      |
| Microsemi | A3P1000L  | [FBGA484] (STP) | (1339) |      |
| Microsemi | A3P1000L  | [PQFP208] (STP) | (1083) |      |
| Microsemi | A3P125    | (ISP-STP)       | (138)  |      |
| Microsemi | A3P125    | [FBGA144] (STP) | (1143) |      |
| Microsemi | A3P125    | [PQFP208] (STP) | (1083) |      |
| Microsemi | A3P125    | [QFN132] (STP)  | (1489) |      |
| Microsemi | A3P125    | [TQFP144] (STP) | (1084) |      |
| Microsemi | A3P125    | [VQFP100] (STP) | (1082) |      |
| Microsemi | A3P250    | (ISP-STP)       | (138)  |      |
| Microsemi | A3P250    | [FBGA144] (STP) | (1143) |      |
| Microsemi | A3P250    | [FBGA256] (STP) | (1252) |      |
| Microsemi | A3P250    | [PQFP208] (STP) | (1083) |      |
| Microsemi | A3P250    | [QFN132] (STP)  | (1489) |      |
| Microsemi | A3P250    | [VQFP100] (STP) | (1082) |      |
| Microsemi | A3P250L   | (ISP-STP)       | (138)  |      |
| Microsemi | A3P250L   | [FBGA144] (STP) | (1143) |      |
| Microsemi | A3P250L   | [FBGA256] (STP) | (1252) |      |
| Microsemi | A3P250L   | [PQFP208] (STP) | (1083) |      |
| Microsemi | A3P250L   | [VQFP100] (STP) | (1082) |      |
| Microsemi | A3P400    | (ISP-STP)       | (138)  |      |
| Microsemi | A3P400    | [FBGA144] (STP) | (1143) |      |
| Microsemi | A3P400    | [FBGA256] (STP) | (1252) |      |
| Microsemi | A3P400    | [FBGA484] (STP) | (1339) |      |
| Microsemi | A3P400    | [PQFP208] (STP) | (1083) |      |
| Microsemi | A3P600    | (ISP-STP)       | (138)  |      |
| Microsemi | A3P600    | [FBGA144] (STP) | (1143) |      |
| Microsemi | A3P600    | [FBGA256] (STP) | (1252) |      |
| Microsemi | A3P600    | [FBGA484] (STP) | (1339) |      |
| Microsemi | A3P600    | [PQFP208] (STP) | (1083) |      |
| Microsemi | A3P600L   | (ISP-STP)       | (138)  |      |
| Microsemi | A3P600L   | [FBGA144] (STP) | (1143) |      |
| Microsemi | A3P600L   | [FBGA256] (STP) | (1252) |      |
| Microsemi | A3P600L   | [FBGA484] (STP) | (1339) |      |
| Microsemi | A3P600L   | [PQFP208] (STP) | (1083) |      |
| Microsemi | A3PE1500  | (ISP-STP)       | (138)  |      |
| Microsemi | A3PE1500  | [FBGA484] (STP) | (1339) |      |
| Microsemi | A3PE1500  | [PQFP208] (STP) | (1083) |      |
| Microsemi | A3PE3000  | (ISP-STP)       | (138)  |      |
| Microsemi | A3PE3000  | [FBGA324] (STP) | (2339) |      |
| Microsemi | A3PE3000  | [FBGA484] (STP) | (1339) |      |
| Microsemi | A3PE3000  | [PQFP208] (STP) | (1083) |      |
| Microsemi | A3PE3000L | (ISP-STP)       | (138)  |      |
| Microsemi | A3PE3000L | [FBGA324] (STP) | (2339) |      |
| Microsemi | A3PE3000L | [FBGA484] (STP) | (1339) |      |
| Microsemi | A3PE3000L | [PQFP208] (STP) | (1083) |      |
| Microsemi | A3PE600   | (ISP-STP)       | (138)  |      |
| Microsemi | A3PE600   | [FBGA256] (STP) | (1252) |      |
| Microsemi | A3PE600   | [FBGA484] (STP) | (1339) |      |
| Microsemi | A3PE600   | [PQFP208] (STP) | (1083) |      |
| Microsemi | A3PE600L  | (ISP-STP)       | (138)  |      |
| Microsemi | A3PE600L  | [FBGA484] (STP) | (1339) |      |
| Microsemi | A3PN010   | (ISP-STP)       | (138)  |      |
| Microsemi | A3PN010   | [QFN48] (STP)   | (1478) |      |
| Microsemi | A3PN020   | (ISP-STP)       | (138)  |      |
| Microsemi | A3PN020   | [QFN68] (STP)   | (1128) |      |
| Microsemi | A3PN060   | (ISP-STP)       | (138)  |      |
| Microsemi | A3PN060   | [VQFP100] (STP) | (1082) |      |
| Microsemi | A3PN125   | (ISP-STP)       | (138)  |      |
| Microsemi | A3PN125   | [VQFP100] (STP) | (1082) |      |
| Microsemi | A3PN250   | (ISP-STP)       | (138)  |      |
| Microsemi | A3PN250   | [VQFP100] (STP) | (1082) |      |
| Microsemi | AFS090    | (ISP-STP)       | (138)  |      |
| Microsemi | AFS090    | [FBGA256] (STP) | (1253) |      |
| Microsemi | AFS090    | [QFN108] (STP)  | (1490) |      |
| Microsemi | AFS090    | [QFN180] (STP)  | (1491) |      |
| Microsemi | AFS1500   | (ISP-STP)       | (138)  |      |
| Microsemi | AFS1500   | [FBGA256] (STP) | (1253) |      |
| Microsemi | AFS1500   | [FBGA484] (STP) | (1481) |      |
| Microsemi | AFS250    | (ISP-STP)       | (138)  |      |
| Microsemi | AFS250    | [FBGA256] (STP) | (1253) |      |
| Microsemi | AFS250    | [PQFP208] (STP) | (1144) |      |
| Microsemi | AFS250    | [QFN180] (STP)  | (1491) |      |
| Microsemi | AFS600    | (ISP-STP)       | (138)  |      |
| Microsemi | AFS600    | [FBGA256] (STP) | (1253) |      |
| Microsemi | AFS600    | [FBGA484] (STP) | (1481) |      |
| Microsemi | AFS600    | [PQFP208] (STP) | (1145) |      |
| Microsemi | AGL030V2  | (ISP-STP)       | (138)  |      |
| Microsemi | AGL030V2  | [CSP81] (STP)   | (2310) |      |
| Microsemi | AGL030V2  | [QFN132] (STP)  | (1488) |      |
| Microsemi | AGL030V2  | [QFN48] (STP)   | (1478) |      |
| Microsemi | AGL030V2  | [QFN68] (STP)   | (1128) |      |

|           |            |                 |        |
|-----------|------------|-----------------|--------|
| Microsemi | AGL030v2   | [ucSP81] (STP)  | (2311) |
| Microsemi | AGL030v2   | [VQFP100] (STP) | (1082) |
| Microsemi | AGL030v5   | (ISP-STP)       | (138)  |
| Microsemi | AGL030v5   | [CSP81] (STP)   | (2310) |
| Microsemi | AGL030v5   | [QFN132] (STP)  | (1488) |
| Microsemi | AGL030v5   | [QFN48] (STP)   | (1478) |
| Microsemi | AGL030v5   | [QFN68] (STP)   | (1128) |
| Microsemi | AGL030v5   | [ucSP81] (STP)  | (2311) |
| Microsemi | AGL030v5   | [VQFP100] (STP) | (1082) |
| Microsemi | AGL060v2   | (ISP-STP)       | (138)  |
| Microsemi | AGL060v2   | [CSP121] (STP)  | (1586) |
| Microsemi | AGL060v2   | [FBGA144] (STP) | (1143) |
| Microsemi | AGL060v2   | [QFN132] (STP)  | (1489) |
| Microsemi | AGL060v2   | [VQFP100] (STP) | (1082) |
| Microsemi | AGL060v5   | (ISP-STP)       | (138)  |
| Microsemi | AGL060v5   | [CSP121] (STP)  | (1586) |
| Microsemi | AGL060v5   | [FBGA144] (STP) | (1143) |
| Microsemi | AGL060v5   | [QFN132] (STP)  | (1489) |
| Microsemi | AGL060v5   | [VQFP100] (STP) | (1082) |
| Microsemi | AGL1000v2  | (ISP-STP)       | (138)  |
| Microsemi | AGL1000v2  | [CSP281] (STP)  | (2757) |
| Microsemi | AGL1000v2  | [FBGA144] (STP) | (1143) |
| Microsemi | AGL1000v2  | [FBGA256] (STP) | (1252) |
| Microsemi | AGL1000v2  | [FBGA484] (STP) | (1339) |
| Microsemi | AGL1000v5  | (ISP-STP)       | (138)  |
| Microsemi | AGL1000v5  | [CSP281] (STP)  | (2757) |
| Microsemi | AGL1000v5  | [FBGA144] (STP) | (1143) |
| Microsemi | AGL1000v5  | [FBGA256] (STP) | (1252) |
| Microsemi | AGL1000v5  | [FBGA484] (STP) | (1339) |
| Microsemi | AGL125v2   | (ISP-STP)       | (138)  |
| Microsemi | AGL125v2   | [CSP121] (STP)  | (1586) |
| Microsemi | AGL125v2   | [CSP196] (STP)  | (1585) |
| Microsemi | AGL125v2   | [FBGA144] (STP) | (1143) |
| Microsemi | AGL125v2   | [QFN132] (STP)  | (1489) |
| Microsemi | AGL125v2   | [VQFP100] (STP) | (1082) |
| Microsemi | AGL125v5   | (ISP-STP)       | (138)  |
| Microsemi | AGL125v5   | [CSP121] (STP)  | (1586) |
| Microsemi | AGL125v5   | [CSP196] (STP)  | (1585) |
| Microsemi | AGL125v5   | [FBGA144] (STP) | (1143) |
| Microsemi | AGL125v5   | [QFN132] (STP)  | (1489) |
| Microsemi | AGL125v5   | [VQFP100] (STP) | (1082) |
| Microsemi | AGL250v2   | (ISP-STP)       | (138)  |
| Microsemi | AGL250v2   | [CSP196] (STP)  | (1585) |
| Microsemi | AGL250v2   | [CSP81] (STP)   | (2310) |
| Microsemi | AGL250v2   | [FBGA144] (STP) | (1143) |
| Microsemi | AGL250v2   | [QFN132] (STP)  | (1489) |
| Microsemi | AGL250v2   | [VQFP100] (STP) | (1082) |
| Microsemi | AGL250v5   | (ISP-STP)       | (138)  |
| Microsemi | AGL250v5   | [CSP196] (STP)  | (1585) |
| Microsemi | AGL250v5   | [CSP81] (STP)   | (2310) |
| Microsemi | AGL250v5   | [FBGA144] (STP) | (1143) |
| Microsemi | AGL250v5   | [QFN132] (STP)  | (1489) |
| Microsemi | AGL250v5   | [VQFP100] (STP) | (1082) |
| Microsemi | AGL400v2   | (ISP-STP)       | (138)  |
| Microsemi | AGL400v2   | [CSP196] (STP)  | (1585) |
| Microsemi | AGL400v2   | [FBGA144] (STP) | (1143) |
| Microsemi | AGL400v2   | [FBGA256] (STP) | (1252) |
| Microsemi | AGL400v2   | [FBGA484] (STP) | (1339) |
| Microsemi | AGL400v5   | (ISP-STP)       | (138)  |
| Microsemi | AGL400v5   | [CSP196] (STP)  | (1585) |
| Microsemi | AGL400v5   | [FBGA144] (STP) | (1143) |
| Microsemi | AGL400v5   | [FBGA256] (STP) | (1252) |
| Microsemi | AGL400v5   | [FBGA484] (STP) | (1339) |
| Microsemi | AGL600v2   | (ISP-STP)       | (138)  |
| Microsemi | AGL600v2   | [CSP281] (STP)  | (2757) |
| Microsemi | AGL600v2   | [FBGA144] (STP) | (1143) |
| Microsemi | AGL600v2   | [FBGA256] (STP) | (1252) |
| Microsemi | AGL600v2   | [FBGA484] (STP) | (1339) |
| Microsemi | AGL600v5   | (ISP-STP)       | (138)  |
| Microsemi | AGL600v5   | [CSP281] (STP)  | (2757) |
| Microsemi | AGL600v5   | [FBGA144] (STP) | (1143) |
| Microsemi | AGL600v5   | [FBGA256] (STP) | (1252) |
| Microsemi | AGL600v5   | [FBGA484] (STP) | (1339) |
| Microsemi | AGLE3000v2 | (ISP-STP)       | (138)  |
| Microsemi | AGLE3000v2 | [FBGA484] (STP) | (1339) |
| Microsemi | AGLE3000v5 | (ISP-STP)       | (138)  |
| Microsemi | AGLE3000v5 | [FBGA484] (STP) | (1339) |
| Microsemi | AGLE600v2  | (ISP-STP)       | (138)  |
| Microsemi | AGLE600v2  | [FBGA256] (STP) | (1252) |
| Microsemi | AGLE600v2  | [FBGA484] (STP) | (1339) |
| Microsemi | AGLE600v5  | (ISP-STP)       | (138)  |
| Microsemi | AGLE600v5  | [FBGA256] (STP) | (1252) |
| Microsemi | AGLE600v5  | [FBGA484] (STP) | (1339) |
| Microsemi | AGLN010v2  | (ISP-STP)       | (138)  |
| Microsemi | AGLN010v2  | [QFN48] (STP)   | (1478) |
| Microsemi | AGLN010v2  | [ucSP36] (STP)  | (2364) |
| Microsemi | AGLN010v5  | (ISP-STP)       | (138)  |
| Microsemi | AGLN010v5  | [QFN48] (STP)   | (1478) |
| Microsemi | AGLN010v5  | [ucSP36] (STP)  | (2364) |
| Microsemi | AGLN020v2  | (ISP-STP)       | (138)  |
| Microsemi | AGLN020v2  | [CSP81] (STP)   | (2310) |
| Microsemi | AGLN020v2  | [QFN68] (STP)   | (1128) |
| Microsemi | AGLN020v2  | [ucSP81] (STP)  | (2311) |
| Microsemi | AGLN020v5  | (ISP-STP)       | (138)  |
| Microsemi | AGLN020v5  | [CSP81] (STP)   | (2310) |
| Microsemi | AGLN020v5  | [QFN68] (STP)   | (1128) |
| Microsemi | AGLN020v5  | [ucSP81] (STP)  | (2311) |
| Microsemi | AGLN060v2  | (ISP-STP)       | (138)  |
| Microsemi | AGLN060v2  | [CSP81] (STP)   | (2310) |
| Microsemi | AGLN060v2  | [VQFP100] (STP) | (1082) |
| Microsemi | AGLN060v5  | (ISP-STP)       | (138)  |
| Microsemi | AGLN060v5  | [CSP81] (STP)   | (2310) |
| Microsemi | AGLN060v5  | [VQFP100] (STP) | (1082) |
| Microsemi | AGLN125v2  | (ISP-STP)       | (138)  |
| Microsemi | AGLN125v2  | [CSP81] (STP)   | (2310) |
| Microsemi | AGLN125v2  | [VQFP100] (STP) | (1082) |
| Microsemi | AGLN125v5  | (ISP-STP)       | (138)  |
| Microsemi | AGLN125v5  | [CSP81] (STP)   | (2310) |
| Microsemi | AGLN125v5  | [VQFP100] (STP) | (1082) |
| Microsemi | AGLN250v2  | (ISP-STP)       | (138)  |
| Microsemi | AGLN250v2  | [CSP81] (STP)   | (2310) |
| Microsemi | AGLN250v2  | [VQFP100] (STP) | (1082) |
| Microsemi | AGLN250v5  | (ISP-STP)       | (138)  |
| Microsemi | AGLN250v5  | [CSP81] (STP)   | (2310) |
| Microsemi | AGLN250v5  | [VQFP100] (STP) | (1082) |
| Microsemi | AGLP030v2  | [CSP201] (STP)  | (1587) |
| Microsemi | AGLP030v2  | [VQFP128] (STP) | (1487) |
| Microsemi | AGLP030v5  | [CSP201] (STP)  | (1587) |
| Microsemi | AGLP030v5  | [VQFP128] (STP) | (1487) |
| Microsemi | AGLP060v2  | [CSP201] (STP)  | (1587) |
| Microsemi | AGLP060v2  | [VQFP176] (STP) | (1486) |
| Microsemi | AGLP060v5  | [CSP201] (STP)  | (1587) |
| Microsemi | AGLP060v5  | [VQFP176] (STP) | (1486) |
| Microsemi | AGLP125v2  | [CSP281] (STP)  | (2757) |
| Microsemi | AGLP125v5  | [CSP281] (STP)  | (2757) |
| Microsemi | APA075     | [FBGA144] (STP) | (2397) |
| Microsemi | APA075     | [PQFP208] (STP) | (1506) |
| Microsemi | APA075     | [TQFP100] (STP) | (1504) |

|             |                              |               |
|-------------|------------------------------|---------------|
| Microsemi   | APA075 [TQFP144] (STP)       | (1505)        |
| Microsemi   | APA1000 [PQFP208] (STP)      | (1506)        |
| Microsemi   | APA150 [FBGA144] (STP)       | (2397)        |
| Microsemi   | APA150 [FBGA256] (STP)       | (2609)        |
| Microsemi   | APA150 [PQFP208] (STP)       | (1506)        |
| Microsemi   | APA150 [TQFP100] (STP)       | (1504)        |
| Microsemi   | APA300 [FBGA144] (STP)       | (2397)        |
| Microsemi   | APA300 [FBGA256] (STP)       | (2609)        |
| Microsemi   | APA300 [PQFP208] (STP)       | (1506)        |
| Microsemi   | APA450 [FBGA144] (STP)       | (2397)        |
| Microsemi   | APA450 [FBGA256] (STP)       | (2609)        |
| Microsemi   | APA450 [PQFP208] (STP)       | (1506)        |
| Microsemi   | APA600 [FBGA256] (STP)       | (2609)        |
| Microsemi   | APA600 [PQFP208] (STP)       | (1506)        |
| Microsemi   | APA750 [PQFP208] (STP)       | (1506)        |
| Microsemi   | M1A3P1000 (ISP-STP)          | (138)         |
| Microsemi   | M1A3P1000 [FBGA144] (STP)    | (1143)        |
| Microsemi   | M1A3P1000 [FBGA256] (STP)    | (1252)        |
| Microsemi   | M1A3P1000 [FBGA484] (STP)    | (1339)        |
| Microsemi   | M1A3P1000 [PQFP208] (STP)    | (1083)        |
| Microsemi   | M1A3P1000L (ISP-STP)         | (138)         |
| Microsemi   | M1A3P1000L [FBGA144] (STP)   | (1143)        |
| Microsemi   | M1A3P1000L [FBGA256] (STP)   | (1252)        |
| Microsemi   | M1A3P1000L [FBGA484] (STP)   | (1339)        |
| Microsemi   | M1A3P1000L [PQFP208] (STP)   | (1083)        |
| Microsemi   | M1A3P250 (ISP-STP)           | (138)         |
| Microsemi   | M1A3P250 [FBGA144] (STP)     | (1143)        |
| Microsemi   | M1A3P250 [PQFP208] (STP)     | (1083)        |
| Microsemi   | M1A3P250 [VQFP100] (STP)     | (1082)        |
| Microsemi   | M1A3P400 (ISP-STP)           | (138)         |
| Microsemi   | M1A3P400 [FBGA144] (STP)     | (1143)        |
| Microsemi   | M1A3P400 [FBGA256] (STP)     | (1252)        |
| Microsemi   | M1A3P400 [FBGA484] (STP)     | (1339)        |
| Microsemi   | M1A3P400 [PQFP208] (STP)     | (1083)        |
| Microsemi   | M1A3P600 (ISP-STP)           | (138)         |
| Microsemi   | M1A3P600 [FBGA144] (STP)     | (1143)        |
| Microsemi   | M1A3P600 [FBGA256] (STP)     | (1252)        |
| Microsemi   | M1A3P600 [FBGA484] (STP)     | (1339)        |
| Microsemi   | M1A3P600 [PQFP208] (STP)     | (1083)        |
| Microsemi   | M1A3P600L (ISP-STP)          | (138)         |
| Microsemi   | M1A3P600L [FBGA144] (STP)    | (1143)        |
| Microsemi   | M1A3P600L [FBGA256] (STP)    | (1252)        |
| Microsemi   | M1A3P600L [FBGA484] (STP)    | (1339)        |
| Microsemi   | M1A3P600L [PQFP208] (STP)    | (1083)        |
| Microsemi   | M1A3PE1500 (ISP-STP)         | (138)         |
| Microsemi   | M1A3PE1500 [FBGA484] (STP)   | (1339)        |
| Microsemi   | M1A3PE1500 [PQFP208] (STP)   | (1083)        |
| Microsemi   | M1A3PE3000 (ISP-STP)         | (138)         |
| Microsemi   | M1A3PE3000 [FBGA324] (STP)   | (2339)        |
| Microsemi   | M1A3PE3000 [FBGA484] (STP)   | (1339)        |
| Microsemi   | M1A3PE3000 [PQFP208] (STP)   | (1083)        |
| Microsemi   | M1A3PE3000L (ISP-STP)        | (138)         |
| Microsemi   | M1A3PE3000L [FBGA324] (STP)  | (2339)        |
| Microsemi   | M1A3PE3000L [FBGA484] (STP)  | (1339)        |
| Microsemi   | M1A3PE3000L [PQFP208] (STP)  | (1083)        |
| Microsemi   | M1AFS1500 (ISP-STP)          | (138)         |
| Microsemi   | M1AFS1500 [FBGA256] (STP)    | (1253)        |
| Microsemi   | M1AFS1500 [FBGA484] (STP)    | (1481)        |
| Microsemi   | M1AFS250 (ISP-STP)           | (138)         |
| Microsemi   | M1AFS250 [FBGA256] (STP)     | (1253)        |
| Microsemi   | M1AFS250 [PQFP208] (STP)     | (1144)        |
| Microsemi   | M1AFS250 [QFN180] (STP)      | (1491)        |
| Microsemi   | M1AFS600 (ISP-STP)           | (138)         |
| Microsemi   | M1AFS600 [FBGA256] (STP)     | (1253)        |
| Microsemi   | M1AFS600 [FBGA484] (STP)     | (1481)        |
| Microsemi   | M1AFS600 [PQFP208] (STP)     | (1145)        |
| Microsemi   | M1AGL1000V2 (ISP-STP)        | (138)         |
| Microsemi   | M1AGL1000V2 [CSP281] (STP)   | (2757)        |
| Microsemi   | M1AGL1000V2 [FBGA144] (STP)  | (1143)        |
| Microsemi   | M1AGL1000V2 [FBGA256] (STP)  | (1252)        |
| Microsemi   | M1AGL1000V2 [FBGA484] (STP)  | (1339)        |
| Microsemi   | M1AGL1000V5 (ISP-STP)        | (138)         |
| Microsemi   | M1AGL1000V5 [CSP281] (STP)   | (2757)        |
| Microsemi   | M1AGL1000V5 [FBGA144] (STP)  | (1143)        |
| Microsemi   | M1AGL1000V5 [FBGA256] (STP)  | (1252)        |
| Microsemi   | M1AGL1000V5 [FBGA484] (STP)  | (1339)        |
| Microsemi   | M1AGL250V2 (ISP-STP)         | (138)         |
| Microsemi   | M1AGL250V2 [FBGA144] (STP)   | (1143)        |
| Microsemi   | M1AGL250V2 [VQFP100] (STP)   | (1082)        |
| Microsemi   | M1AGL250V5 (ISP-STP)         | (138)         |
| Microsemi   | M1AGL250V5 [FBGA144] (STP)   | (1143)        |
| Microsemi   | M1AGL250V5 [VQFP100] (STP)   | (1082)        |
| Microsemi   | M1AGL600V2 (ISP-STP)         | (138)         |
| Microsemi   | M1AGL600V2 [CSP281] (STP)    | (2757)        |
| Microsemi   | M1AGL600V2 [FBGA144] (STP)   | (1143)        |
| Microsemi   | M1AGL600V2 [FBGA256] (STP)   | (1252)        |
| Microsemi   | M1AGL600V2 [FBGA484] (STP)   | (1339)        |
| Microsemi   | M1AGL600V5 (ISP-STP)         | (138)         |
| Microsemi   | M1AGL600V5 [CSP281] (STP)    | (2757)        |
| Microsemi   | M1AGL600V5 [FBGA144] (STP)   | (1143)        |
| Microsemi   | M1AGL600V5 [FBGA256] (STP)   | (1252)        |
| Microsemi   | M1AGL600V5 [FBGA484] (STP)   | (1339)        |
| Microsemi   | M1AGLE3000V2 (ISP-STP)       | (138)         |
| Microsemi   | M1AGLE3000V2 [FBGA484] (STP) | (1339)        |
| Microsemi   | M1AGLE3000V5 (ISP-STP)       | (138)         |
| Microsemi   | M1AGLE3000V5 [FBGA484] (STP) | (1339)        |
| Microsemi   | M2S010 [VFBGA256] (STP)      | (4307) (9999) |
| Microsemi   | PIAFS1500 (ISP-STP)          | (138)         |
| Microsemi   | PIAFS1500 [FBGA256] (STP)    | (1253)        |
| Microsemi   | PIAFS1500 [FBGA484] (STP)    | (1481)        |
| Microsemi   | PIAFS600 (ISP-STP)           | (138)         |
| Microsemi   | PIAFS600 [FBGA256] (STP)     | (1253)        |
| Microsemi   | PIAFS600 [FBGA484] (STP)     | (1481)        |
| Microsemi   | UIAFS1500 (ISP-STP)          | (138)         |
| Microsemi   | UIAFS1500 [FBGA256] (STP)    | (1253)        |
| Microsemi   | UIAFS250 (ISP-STP)           | (138)         |
| Microsemi   | UIAFS250 [FBGA256] (STP)     | (1253)        |
| Microsemi   | UIAFS600 (ISP-STP)           | (138)         |
| Microsemi   | UIAFS600 [FBGA256] (STP)     | (1253)        |
| Microsemi   | WMF128K8-xxx C               |               |
| Microsemi   | WMF128K8-xxx FF              | (98)          |
| Microsemi   | WMF512K8-xxx C               |               |
| Microvision | MV250 [VQFN132]              | (4085)        |
| MindMotion  | MM32F031K4U (n4) [QFN32]     | (2848) (9999) |
| MindMotion  | MM32F031K6U (n4) [QFN32]     | (2848) (9999) |
| MindMotion  | MM32F031K8U (n4) [QFN32]     | (2848) (9999) |
| MIRA        | PIUAGA30AT-G2A [TSOP48]      | (1266) (*1)   |
| MIRA        | PIUAGA30AT-GCA [TSOP48]      | (1266) (*1)   |
| MIRA        | PSU1GA30BT-G1IA [TSOP48]     | (1266) (*1)   |
| MIRA        | PSU1GA30BT-G4IA [TSOP48]     | (1266) (*1)   |
| MIRA        | PSU1GA30HB [BGA63]           | (2690) (*1)   |
| MIRA        | PSU1GA30HT [TSOP48]          | (1266) (*1)   |
| MIRA        | PSU1GA40HT [TSOP48]          | (1266) (*1)   |
| MIRA        | PSU1GS20BN [WSON8]           | (4914) (*1)   |
| MIRA        | PSU2GA30BB [VFBGA63]         | (2690) (*1)   |
| MIRA        | PSU2GA30BT [TSOP48]          | (1266) (*1)   |
| MIRA        | PSU8GA30AT-GIA [TSOP48]      | (1266) (*1)   |
| Mitsubishi  | M301N2F8TFP [LQFP48]         | (174)         |

|            |             |           |        |
|------------|-------------|-----------|--------|
| Mitsubishi | M30240ECFP  | [QFP80]   | (402)  |
| Mitsubishi | M30260F3AGP | [LQFP48]  | (174)  |
| Mitsubishi | M30260F6AGP | [LQFP48]  | (174)  |
| Mitsubishi | M30260F8AGP | [LQFP48]  | (174)  |
| Mitsubishi | M30280F6HP  | [LQFP80]  | (1442) |
| Mitsubishi | M30280F8HP  | [LQFP80]  | (1442) |
| Mitsubishi | M30280FAHP  | [LQFP80]  | (1442) |
| Mitsubishi | M30280FATHP | [LQFP80]  | (1442) |
| Mitsubishi | M30280FAVHP | [LQFP80]  | (1442) |
| Mitsubishi | M30280FCHP  | [LQFP80]  | (1442) |
| Mitsubishi | M30281F6XHP | [LQFP64]  | (641)  |
| Mitsubishi | M30281F8XHP | [LQFP64]  | (641)  |
| Mitsubishi | M30281FAXHP | [LQFP64]  | (641)  |
| Mitsubishi | M30281FCXHP | [LQFP64]  | (641)  |
| Mitsubishi | M30290F8HP  | [LQFP80]  | (1442) |
| Mitsubishi | M30290F8THP | [LQFP80]  | (1442) |
| Mitsubishi | M30290F8VHP | [LQFP80]  | (1442) |
| Mitsubishi | M30290FAHP  | [LQFP80]  | (1442) |
| Mitsubishi | M30290FATHP | [LQFP80]  | (1442) |
| Mitsubishi | M30290FAVHP | [LQFP80]  | (1442) |
| Mitsubishi | M30290FCHP  | (ISP)     | (138)  |
| Mitsubishi | M30290FCHP  | [LQFP80]  | (1442) |
| Mitsubishi | M30290FCTHP | [LQFP80]  | (1442) |
| Mitsubishi | M30290FCVHP | [LQFP80]  | (1442) |
| Mitsubishi | M30291F8XHP | [LQFP64]  | (641)  |
| Mitsubishi | M30291FAXHP | [LQFP64]  | (641)  |
| Mitsubishi | M30291FCXHP | [LQFP64]  | (641)  |
| Mitsubishi | M3030RFAPGP | [LQFP100] | (1534) |
| Mitsubishi | M3030RFCPPF | [QFP100]  | (623)  |
| Mitsubishi | M3030RFCPGP | [LQFP100] | (1534) |
| Mitsubishi | M3030RFDPGP | [LQFP100] | (1534) |
| Mitsubishi | M3030RFEPFP | [QFP100]  | (2418) |
| Mitsubishi | M3030RFEPGP | [LQFP100] | (1534) |
| Mitsubishi | M3030RFGPFP | [QFP100]  | (2418) |
| Mitsubishi | M3030RFGPGP | [LQFP100] | (1534) |
| Mitsubishi | M3030SFDPGP | [LQFP100] | (1534) |
| Mitsubishi | M3030SEFPGP | [LQFP100] | (1534) |
| Mitsubishi | M30620ECFP  | [QFP100]  | (398)  |
| Mitsubishi | M30620ECFS  | [QFN100]  | (400)  |
| Mitsubishi | M30620ECGP  | [LQFP100] | (399)  |
| Mitsubishi | M30620FCAFP | [QFP100]  | (623)  |
| Mitsubishi | M30620FCAGP | [LQFP100] | (624)  |
| Mitsubishi | M30620FCPPF | [QFP100]  | (623)  |
| Mitsubishi | M30620FCPGP | [LQFP100] | (624)  |
| Mitsubishi | M30620FGNFP | [QFP100]  | (623)  |
| Mitsubishi | M30621ECGP  | [QFP80]   | (401)  |
| Mitsubishi | M30622ECTFP | [QFP100]  | (398)  |
| Mitsubishi | M30622F8PFP | [QFP100]  | (623)  |
| Mitsubishi | M30622F8PGP | [LQFP100] | (624)  |
| Mitsubishi | M30623ECTGP | [QFP80]   | (401)  |
| Mitsubishi | M30624FGAFP | (ISP)     | (138)  |
| Mitsubishi | M30624FGAFP | [QFP100]  | (623)  |
| Mitsubishi | M30624FGAGP | [LQFP100] | (624)  |
| Mitsubishi | M30624FGMFP | (ISP)     | (138)  |
| Mitsubishi | M30624FGMFP | [QFP100]  | (623)  |
| Mitsubishi | M30624FGMGP | (ISP)     | (138)  |
| Mitsubishi | M30624FGMGP | [LQFP100] | (624)  |
| Mitsubishi | M30624FGNFP | [QFP100]  | (623)  |
| Mitsubishi | M30624FGPFP | (ISP)     | (138)  |
| Mitsubishi | M30624FGPFP | [QFP100]  | (623)  |
| Mitsubishi | M30624FGPGP | (ISP)     | (138)  |
| Mitsubishi | M30624FGPGP | [LQFP100] | (624)  |
| Mitsubishi | M30625FGPGP | [QFP128]  | (1025) |
| Mitsubishi | M30626FHPFP | (ISP)     | (138)  |
| Mitsubishi | M30626FHPFP | [QFP100]  | (623)  |
| Mitsubishi | M30626FHPGP | [LQFP100] | (624)  |
| Mitsubishi | M30626FJPPF | (ISP)     | (138)  |
| Mitsubishi | M30626FJPPF | [QFP100]  | (623)  |
| Mitsubishi | M30626FJPGP | [LQFP100] | (624)  |
| Mitsubishi | M30627FHPGP | [QFP128]  | (1025) |
| Mitsubishi | M30627FJPGP | [QFP128]  | (1025) |
| Mitsubishi | M3062LFGPFP | [QFP100]  | (623)  |
| Mitsubishi | M3062LFGPGP | [LQFP100] | (624)  |
| Mitsubishi | M306K7F8LRP | [QFP144]  | (706)  |
| Mitsubishi | M306K9FCLRP | [QFP144]  | (706)  |
| Mitsubishi | M306KAFCLRP | [QFP144]  | (706)  |
| Mitsubishi | M306N4FCFP  | [QFP100]  | (2418) |
| Mitsubishi | M306N4FCTFP | [QFP100]  | (2418) |
| Mitsubishi | M306N4FCVFP | [QFP100]  | (2418) |
| Mitsubishi | M306N4FGFP  | [QFP100]  | (2418) |
| Mitsubishi | M306N4FGTFF | (ISP)     | (138)  |
| Mitsubishi | M306N4FGTFF | [QFP100]  | (2418) |
| Mitsubishi | M306N4FGVFP | [QFP100]  | (2418) |
| Mitsubishi | M306N5FCGP  | [LQFP100] | (624)  |
| Mitsubishi | M306N5FCTFP | [QFP100]  | (623)  |
| Mitsubishi | M306N5FCTGP | [LQFP100] | (624)  |
| Mitsubishi | M306N5FCVFP | [QFP100]  | (623)  |
| Mitsubishi | M306N5FCVGP | [LQFP100] | (624)  |
| Mitsubishi | M306N5FWTFF | [QFP100]  | (623)  |
| Mitsubishi | M306NAFGTFF | (ISP)     | (138)  |
| Mitsubishi | M306NAFGTFF | [QFP100]  | (623)  |
| Mitsubishi | M306NBFCTFP | [QFP100]  | (623)  |
| Mitsubishi | M306NKFHGP  | [LQFP100] | (1534) |
| Mitsubishi | M306NKFJGP  | [LQFP100] | (1534) |
| Mitsubishi | M306NNFHGP  | [QFP128]  | (1025) |
| Mitsubishi | M306NNFJGP  | [QFP128]  | (1025) |
| Mitsubishi | M306V0EEFP  | [QFP100]  | (398)  |
| Mitsubishi | M306V0EEFS  | [QFN100]  | (400)  |
| Mitsubishi | M306V2EEFP  | [QFP100]  | (398)  |
| Mitsubishi | M306V2EEFS  | [QFN100]  | (400)  |
| Mitsubishi | M3083LFJVGp | [LQFP100] | (624)  |
| Mitsubishi | M30843FHGP  | [LQFP100] | (2704) |
| Mitsubishi | M30843FHTGP | [LQFP100] | (2704) |
| Mitsubishi | M30843FWGP  | [LQFP100] | (2704) |
| Mitsubishi | M30843FWTGP | [LQFP100] | (2704) |
| Mitsubishi | M30845FHGP  | [LQFP144] | (4044) |
| Mitsubishi | M30845FHTGP | [LQFP144] | (4044) |
| Mitsubishi | M30845FJGP  | [LQFP144] | (4044) |
| Mitsubishi | M30845FJTGP | [LQFP144] | (4044) |
| Mitsubishi | M30845FWGP  | [LQFP144] | (4044) |
| Mitsubishi | M30879FKAGP | [LQFP100] | (1534) |
| Mitsubishi | M30879FKBGP | [LQFP100] | (1534) |
| Mitsubishi | M30879FLGP  | [LQFP100] | (1534) |
| Mitsubishi | M30878FHAGP | [QFP144]  | (1024) |
| Mitsubishi | M30878FHGP  | [QFP144]  | (1024) |
| Mitsubishi | M30878FJAGP | [QFP144]  | (1024) |
| Mitsubishi | M30878FJGP  | [QFP144]  | (1024) |
| Mitsubishi | M30878FKAGP | [QFP144]  | (1024) |
| Mitsubishi | M30878FKGP  | [QFP144]  | (1024) |
| Mitsubishi | M30878FLAGP | [QFP144]  | (1024) |
| Mitsubishi | M30878FLGP  | [QFP144]  | (1024) |
| Mitsubishi | M34282E2GP  | [SSOP20]  | (1089) |
| Mitsubishi | M34283G2GP  | [SSOP20]  | (1089) |
| Mitsubishi | M34286G2GP  | [SSOP20]  | (1089) |
| Mitsubishi | M34508G4FP  | [SOP20]   | (1055) |
| Mitsubishi | M34508G4GP  | [SSOP20]  | (1089) |
| Mitsubishi | M34508G4HFP | [SOP20]   | (1055) |
| Mitsubishi | M34508G4HGP | [SSOP20]  | (1089) |

|            |             |           |        |
|------------|-------------|-----------|--------|
| Mitsubishi | M34513E4FP  | [LQFP32]  | (373)  |
| Mitsubishi | M34513E4SP  | [SDIP32]  | (372)  |
| Mitsubishi | M34513E8FP  | [LQFP32]  | (373)  |
| Mitsubishi | M34514E8FP  | [SSOP42]  | (374)  |
| Mitsubishi | M34518E8FP  | [LQFP32]  | (373)  |
| Mitsubishi | M34518E8SP  | [SDIP32]  | (372)  |
| Mitsubishi | M34519E8FP  | [SSOP42]  | (374)  |
| Mitsubishi | M34524EDFP  | [QFP64]   | (375)  |
| Mitsubishi | M34551E8FP  | [QFP48]   | (376)  |
| Mitsubishi | M34552G8FP  | [QFP48]   | (2330) |
| Mitsubishi | M34552G8HFP | [QFP48]   | (2330) |
| Mitsubishi | M34554EDFP  | [QFP64]   | (375)  |
| Mitsubishi | M3455AG8FP  | [LQFP52]  | (2293) |
| Mitsubishi | M3455AGCFP  | [LQFP52]  | (2293) |
| Mitsubishi | M34570E8FP  | [SSOP36]  | (377)  |
| Mitsubishi | M34570EDFP  | [SSOP36]  | (377)  |
| Mitsubishi | M34583EDFP  | [LQFP32]  | (373)  |
| Mitsubishi | M34584EDFP  | [SSOP42]  | (374)  |
| Mitsubishi | M37150EFPF  | [SSOP42]  | (673)  |
| Mitsubishi | M37151EFPF  | [SSOP42]  | (673)  |
| Mitsubishi | M37160EFPF  | [SSOP42]  | (673)  |
| Mitsubishi | M37161EFPF  | [SSOP42]  | (673)  |
| Mitsubishi | M37451E4FP  | [QFP80]   | (4648) |
| Mitsubishi | M37451E8FP  | [QFP80]   | (4648) |
| Mitsubishi | M37451ECFP  | [QFP80]   | (4648) |
| Mitsubishi | M37516E6HKP | [QFN44]   | (397)  |
| Mitsubishi | M37516E6HP  | [LQFP48]  | (396)  |
| Mitsubishi | M37531E4FP  | [SSOP36]  | (976)  |
| Mitsubishi | M37531E4GP  | [QFP32]   | (159)  |
| Mitsubishi | M37531E8FP  | [SSOP36]  | (976)  |
| Mitsubishi | M37531E8GP  | [QFP32]   | (159)  |
| Mitsubishi | M37540E2FP  | [SSOP36]  | (394)  |
| Mitsubishi | M37540E2GP  | [LQFP32]  | (395)  |
| Mitsubishi | M37540E2SP  | [SDIP32]  | (393)  |
| Mitsubishi | M37540E8FP  | [SSOP36]  | (394)  |
| Mitsubishi | M37540E8GP  | [LQFP32]  | (395)  |
| Mitsubishi | M37540E8SP  | [SDIP32]  | (393)  |
| Mitsubishi | M37542F8FP  | [SSOP36]  | (976)  |
| Mitsubishi | M37542F8GP  | [LQFP32]  | (159)  |
| Mitsubishi | M37542F8SP  | [SDIP32]  | (175)  |
| Mitsubishi | M37544G2AGP | [LQFP32]  | (159)  |
| Mitsubishi | M37544G2ASP | [SDIP32]  | (175)  |
| Mitsubishi | M37547G4FP  | [SSOP36]  | (976)  |
| Mitsubishi | M37549G1FP  | [SDIP24]  | (175)  |
| Mitsubishi | M37549G1FP  | [SSOP24]  | (2965) |
| Mitsubishi | M37549G2FP  | [SDIP24]  | (175)  |
| Mitsubishi | M37549G2FP  | [SSOP24]  | (2965) |
| Mitsubishi | M37549G3FP  | [SDIP24]  | (175)  |
| Mitsubishi | M37549G3FP  | [SSOP24]  | (2965) |
| Mitsubishi | M37560EFDFP | [QFP100]  | (390)  |
| Mitsubishi | M37560EFPF  | [QFP100]  | (390)  |
| Mitsubishi | M37560EFPF  | [QFN100]  | (392)  |
| Mitsubishi | M37560EFGP  | [LQFP100] | (391)  |
| Mitsubishi | M37590E2TFP | [SSOP36]  | (976)  |
| Mitsubishi | M37630E4FP  | [QFP44]   | (2926) |
| Mitsubishi | M37630E4FS  | [QFN80]   | (379)  |
| Mitsubishi | M37640E8FP  | [QFP80]   | (380)  |
| Mitsubishi | M37640E8FS  | [QFN80]   | (381)  |
| Mitsubishi | M37702E2BFP | [PQFP80]  | (845)  |
| Mitsubishi | M37702E2LGP | [QFP80]   | (556)  |
| Mitsubishi | M37702E4BFP | [PQFP80]  | (845)  |
| Mitsubishi | M37702E4LFP | [PQFP80]  | (845)  |
| Mitsubishi | M37702E4LGP | [QFP80]   | (556)  |
| Mitsubishi | M37702E6BFP | [PQFP80]  | (845)  |
| Mitsubishi | M37733EHBFP | [QFP80]   | (403)  |
| Mitsubishi | M37733EHBFS | [QFN80]   | (404)  |
| Mitsubishi | M37733EHBFP | [QFP80]   | (403)  |
| Mitsubishi | M37733EHBFS | [QFN80]   | (404)  |
| Mitsubishi | M37736EHBGP | [QFP100]  | (405)  |
| Mitsubishi | M37736EHBGS | [QFN100]  | (406)  |
| Mitsubishi | M37751E6CFP | [QFP80]   | (403)  |
| Mitsubishi | M37751E6CFS | [QFN80]   | (404)  |
| Mitsubishi | M37751F6CFP | [QFP80]   | (403)  |
| Mitsubishi | M38002E2FP  | [QFP64]   | (1002) |
| Mitsubishi | M38002E4DFP | [QFP64]   | (1002) |
| Mitsubishi | M38002E4FP  | [QFP64]   | (1002) |
| Mitsubishi | M38002E4SP  | [SDIP64]  | (942)  |
| Mitsubishi | M38004E8FP  | [QFP64]   | (1002) |
| Mitsubishi | M38027E8DFP | [QFP64]   | (1002) |
| Mitsubishi | M38027E8FP  | [QFP64]   | (1002) |
| Mitsubishi | M38039FFFP  | [QFP64]   | (409)  |
| Mitsubishi | M38039FFHFP | [QFP64]   | (1043) |
| Mitsubishi | M38039FFHFP | [LQFP64]  | (1026) |
| Mitsubishi | M38039FFHFP | [LQFP64]  | (662)  |
| Mitsubishi | M38039FFHFP | [LQFP64]  | (2703) |
| Mitsubishi | M38039FFLHP | [LQFP64]  | (1026) |
| Mitsubishi | M38039FFLHP | [LQFP64]  | (662)  |
| Mitsubishi | M38039FFSP  | [SDIP64]  | (2576) |
| Mitsubishi | M38039G4HHP | [LQFP64]  | (2813) |
| Mitsubishi | M38039G4HKP | [LQFP64]  | (2413) |
| Mitsubishi | M38039G4HSP | [SDIP64]  | (2260) |
| Mitsubishi | M38039G6HHP | [LQFP64]  | (2813) |
| Mitsubishi | M38039G6HKP | [LQFP64]  | (2413) |
| Mitsubishi | M38039G6HSP | [SDIP64]  | (2260) |
| Mitsubishi | M38039G8HHP | [LQFP64]  | (2813) |
| Mitsubishi | M38039G8HKP | [LQFP64]  | (2413) |
| Mitsubishi | M38039G8HSP | [SDIP64]  | (2260) |
| Mitsubishi | M38039GCHHP | [LQFP64]  | (2813) |
| Mitsubishi | M38039GCHKP | [LQFP64]  | (2413) |
| Mitsubishi | M38039GCHSP | [SDIP64]  | (2260) |
| Mitsubishi | M38049FFFP  | [QFP64]   | (409)  |
| Mitsubishi | M38049FFHFP | [QFP64]   | (1043) |
| Mitsubishi | M38049FFHFP | [LQFP64]  | (1026) |
| Mitsubishi | M38049FFHFP | [LQFP64]  | (662)  |
| Mitsubishi | M38049FFHFP | [LQFP64]  | (2703) |
| Mitsubishi | M38049FFLHP | [LQFP64]  | (1026) |
| Mitsubishi | M38049FFSP  | [SDIP64]  | (2576) |
| Mitsubishi | M38223E4FP  | [QFP80]   | (386)  |
| Mitsubishi | M38223E4FS  | [QFN80]   | (385)  |
| Mitsubishi | M38223E4GP  | [QFP80]   | (387)  |
| Mitsubishi | M38223E4HP  | [LQFP80]  | (384)  |
| Mitsubishi | M38227ECFP  | [QFP80]   | (386)  |
| Mitsubishi | M38227ECFS  | [QFN80]   | (385)  |
| Mitsubishi | M38227ECHP  | [LQFP80]  | (384)  |
| Mitsubishi | M38234G4FP  | [PQFP80]  | (2294) |
| Mitsubishi | M38235G6FP  | [PQFP80]  | (2294) |
| Mitsubishi | M38238G8FP  | [PQFP80]  | (2294) |
| Mitsubishi | M38239GCFP  | [PQFP80]  | (2294) |
| Mitsubishi | M3823AGFFP  | [PQFP80]  | (2294) |
| Mitsubishi | M38267E8FP  | [QFP100]  | (390)  |
| Mitsubishi | M38267E8GP  | [LQFP100] | (391)  |
| Mitsubishi | M3826AEFPF  | [QFP100]  | (390)  |
| Mitsubishi | M3826AEFPF  | [QFN100]  | (392)  |
| Mitsubishi | M3826AEFGP  | [LQFP100] | (391)  |
| Mitsubishi | M38503G4AFP | [SSOP42]  | (1066) |
| Mitsubishi | M38503G4ASP | [SDIP42]  | (164)  |
| Mitsubishi | M38504E6FP  | [SSOP42]  | (383)  |
| Mitsubishi | M38504E6SP  | [SDIP42]  | (382)  |

|               |               |            |        |
|---------------|---------------|------------|--------|
| Mitsubishi    | M38504E6SS    | [SDIP42]   | (382)  |
| Mitsubishi    | M38507F8AFP   | [SSOP42]   | (1066) |
| Mitsubishi    | M38507F8ASP   | [SDIP42]   | (164)  |
| Mitsubishi    | M38514E6FP    | [SSOP42]   | (383)  |
| Mitsubishi    | M38514E6SP    | [SDIP42]   | (382)  |
| Mitsubishi    | M38514E6SS    | [SDIP42]   | (382)  |
| Mitsubishi    | M38588GCFP    | [SSOP42]   | (1066) |
| Mitsubishi    | M38588GCSP    | [SDIP42]   | (164)  |
| Mitsubishi    | M38867E8AFS   | [QFN80]    | (385)  |
| Mitsubishi    | M38867E8AHP   | [LQFP80]   | (384)  |
| Mitsubishi    | M38869FFAGP   | [QFP80]    | (412)  |
| Mitsubishi    | M38869FFAHP   | [LQFP80]   | (411)  |
| Mitsubishi    | M38B79FFFF    | [QFP100]   | (413)  |
| Mitsubishi    | M38C13E6FP    | [LQFP64]   | (388)  |
| Mitsubishi    | M38C13E6HP    | [QFP64]    | (389)  |
| Mitsubishi    | M38C89EFPF    | [LQFP144]  | (407)  |
| Mitsubishi    | M38D29GFHP    | [LQFP64]   | (3262) |
| Mitsubishi    | M5L2708       |            | (2)    |
| Mitsubishi    | M5L27128      |            |        |
| Mitsubishi    | M5L2716K      |            |        |
| Mitsubishi    | M5L27256      |            |        |
| Mitsubishi    | M5L2732K      |            |        |
| Mitsubishi    | M5L27512      |            |        |
| Mitsubishi    | M5L2764       |            |        |
| Mitsubishi    | M5L27C128     |            |        |
| Mitsubishi    | M5L8049       |            |        |
| Mitsubishi    | M5M27256      |            |        |
| Mitsubishi    | M5M27400A     |            |        |
| Mitsubishi    | M5M27400A     | [R-TSOP40] | (56)   |
| Mitsubishi    | M5M27400A     | [SOP40]    | (98)   |
| Mitsubishi    | M5M27400A     | [TSOP40]   | (56)   |
| Mitsubishi    | M5M27401A     |            |        |
| Mitsubishi    | M5M27401A     | [R-TSOP40] | (56)   |
| Mitsubishi    | M5M27401A     | [SOP32]    | (98)   |
| Mitsubishi    | M5M27401A     | [TSOP40]   | (56)   |
| Mitsubishi    | M5M27C100     |            |        |
| Mitsubishi    | M5M27C100     | [PLCC32]   | (59)   |
| Mitsubishi    | M5M27C100     | [R-VSOP40] | (56)   |
| Mitsubishi    | M5M27C100     | [SOP32]    | (98)   |
| Mitsubishi    | M5M27C100     | [VSOP40]   | (56)   |
| Mitsubishi    | M5M27C101     |            |        |
| Mitsubishi    | M5M27C101     | [PLCC32]   | (59)   |
| Mitsubishi    | M5M27C101     | [R-TSOP40] | (56)   |
| Mitsubishi    | M5M27C101     | [SOP32]    | (98)   |
| Mitsubishi    | M5M27C101     | [TSOP40]   | (56)   |
| Mitsubishi    | M5M27C102     |            |        |
| Mitsubishi    | M5M27C102     | [PLCC44]   | (67)   |
| Mitsubishi    | M5M27C102     | [R-TSOP40] | (56)   |
| Mitsubishi    | M5M27C102     | [SOP40]    | (98)   |
| Mitsubishi    | M5M27C102     | [TSOP40]   | (56)   |
| Mitsubishi    | M5M27C128     |            |        |
| Mitsubishi    | M5M27C201     |            |        |
| Mitsubishi    | M5M27C201     | [PLCC32]   | (59)   |
| Mitsubishi    | M5M27C201     | [R-TSOP40] | (56)   |
| Mitsubishi    | M5M27C201     | [SOP32]    | (98)   |
| Mitsubishi    | M5M27C201     | [TSOP40]   | (56)   |
| Mitsubishi    | M5M27C202     |            |        |
| Mitsubishi    | M5M27C202     | [PLCC44]   | (67)   |
| Mitsubishi    | M5M27C202     | [R-TSOP40] | (56)   |
| Mitsubishi    | M5M27C202     | [SOP40]    | (98)   |
| Mitsubishi    | M5M27C202     | [TSOP40]   | (56)   |
| Mitsubishi    | M5M27C256     |            |        |
| Mitsubishi    | M5M27C256A    |            |        |
| Mitsubishi    | M5M27C256A    | [SOP28]    | (53)   |
| Mitsubishi    | M5M27C256A    | [TSOP28]   | (54)   |
| Mitsubishi    | M5M27C401     |            |        |
| Mitsubishi    | M5M27C401     | [PLCC32]   | (59)   |
| Mitsubishi    | M5M27C401A    |            |        |
| Mitsubishi    | M5M27C401A    | [PLCC32]   | (59)   |
| Mitsubishi    | M5M27C402     |            |        |
| Mitsubishi    | M5M27C512A    |            |        |
| Mitsubishi    | M5M27C512A    | [SOP28]    | (53)   |
| Mitsubishi    | M5M28C64A     |            |        |
| Mitsubishi    | M5M28C64A     | [SOP28]    | (53)   |
| Mitsubishi    | M5M28F101     |            |        |
| Mitsubishi    | M5M28F101     | [PLCC32]   | (1399) |
| Mitsubishi    | M5M28F101     | [R-TSOP32] | (1413) |
| Mitsubishi    | M5M28F101     | [SOP32]    | (98)   |
| Mitsubishi    | M5M28F101     | [TSOP32]   | (1414) |
| Mitsubishi    | M5M28F102     | [PLCC44]   | (67)   |
| Mitsubishi    | M5M28F102     | [SOP40]    | (98)   |
| Mitsubishi    | M5M28F102     | [TSOP40]   | (1365) |
| Mitsubishi    | M5M29F016     | [PSOP44]   | (1357) |
| Mitsubishi    | M5M29F016     | [TSOP48]   | (1350) |
| Mitsubishi    | M5M29FB160    | [TSOP48]   | (1346) |
| Mitsubishi    | M5M29FB800    | [PSOP44]   | (1356) |
| Mitsubishi    | M5M29FB800    | [TSOP48]   | (1346) |
| Mitsubishi    | M5M29FT160    | [TSOP48]   | (1346) |
| Mitsubishi    | M5M29FT800    | [PSOP44]   | (1356) |
| Mitsubishi    | M5M29FT800    | [TSOP48]   | (1346) |
| Mitsubishi    | M5M29GB160B   | [TSOP48]   | (1346) |
| Mitsubishi    | M5M29GB320VP  | [TSOP48]   | (1346) |
| Mitsubishi    | M5M29GT160B   | [TSOP48]   | (1346) |
| Mitsubishi    | M5M29GT320VP  | [TSOP48]   | (1346) |
| Mitsubishi    | M5M29KB331A   | [TSOP48]   | (1346) |
| Mitsubishi    | M5M29KB641AVP | [TSOP48]   | (1346) |
| Mitsubishi    | M5M29KE131B   | [TSOP48]   | (1346) |
| Mitsubishi    | M5M29KT331A   | [TSOP48]   | (1346) |
| Mitsubishi    | M5M29KT641AVP | [TSOP48]   | (1346) |
| Mitsubishi    | M6M80011      |            |        |
| Mitsubishi    | M6M80011A     | [SOP10]    | (98)   |
| Mitsubishi    | M6M80021      |            |        |
| Mitsubishi    | M6M80041      |            |        |
| Mitsubishi    | R5F3640MDFB   | [LQFP100]  | (1534) |
| Mitsubishi    | R5G0C314DA    | [SDIP32]   | (175)  |
| Mitsubishi    | R5G0C314DB    | [SDIP32]   | (175)  |
| Mitsubishi    | R5G0C404DB    | [SDIP42]   | (164)  |
| Mosaic        | MF8M8126W     | [PLCC32]   | (1399) |
| Mosaic        | MF8M8516J     | [PLCC32]   | (1399) |
| Mosaic        | MF8M8516S     | [DIL32]    |        |
| Mosel Vitelic | V29C31004B    | [PLCC32]   | (1384) |
| Mosel Vitelic | V29C31004B    | [TSOP32]   | (1381) |
| Mosel Vitelic | V29C31004T    | [PLCC32]   | (1384) |
| Mosel Vitelic | V29C31004T    | [TSOP32]   | (1381) |
| Mosel Vitelic | V29C51000B    |            |        |
| Mosel Vitelic | V29C51000B    | [PLCC32]   | (1399) |
| Mosel Vitelic | V29C51000B    | [TSOP32]   | (1414) |
| Mosel Vitelic | V29C51000T    |            |        |
| Mosel Vitelic | V29C51000T    | [PLCC32]   | (1399) |
| Mosel Vitelic | V29C51000T    | [TSOP32]   | (1414) |
| Mosel Vitelic | V29C51001B    |            |        |
| Mosel Vitelic | V29C51001B    | [PLCC32]   | (1399) |
| Mosel Vitelic | V29C51001B    | [TSOP32]   | (1414) |
| Mosel Vitelic | V29C51001T    |            |        |
| Mosel Vitelic | V29C51001T    | [PLCC32]   | (1399) |
| Mosel Vitelic | V29C51001T    | [TSOP32]   | (1414) |
| Mosel Vitelic | V29C51002B    |            |        |
| Mosel Vitelic | V29C51002B    | [PLCC32]   | (1399) |



|          |        |                 |              |        |
|----------|--------|-----------------|--------------|--------|
| Mose     | Vitelc | V29C51002B      | [TSOP32]     | (1414) |
| Mose     | Vitelc | V29C51002T      |              |        |
| Mose     | Vitelc | V29C51002T      | [PLCC32]     | (1399) |
| Mose     | Vitelc | V29C51002T      | [TSOP32]     | (1414) |
| Mose     | Vitelc | V29C51004B      | [PLCC32]     | (1384) |
| Mose     | Vitelc | V29C51004B      | [TSOP32]     | (1381) |
| Mose     | Vitelc | V29C51004T      | [PLCC32]     | (1384) |
| Mose     | Vitelc | V29C51004T      | [TSOP32]     | (1381) |
| Mose     | Vitelc | V29C51400B      | [TSOP48]     | (1346) |
| Mose     | Vitelc | V29C51400T      | [TSOP48]     | (1346) |
| Mose     | Vitelc | V29LC51000      |              |        |
| Mose     | Vitelc | V29LC51000      | [PLCC32]     | (1399) |
| Mose     | Vitelc | V29LC51001      |              |        |
| Mose     | Vitelc | V29LC51001      | [PLCC32]     | (1399) |
| Mose     | Vitelc | V29LC51002      |              |        |
| Mose     | Vitelc | V29LC51002      | [PLCC32]     | (1399) |
| Mostek   |        | ET2716          |              |        |
| Mostek   |        | ETC2716         |              |        |
| Mostek   |        | MK2716          |              |        |
| Mostek   |        | MK2732          |              |        |
| Mostek   |        | MK2764          |              |        |
| Mostek   |        | MK36000         |              |        |
| Mostek   |        | MKB2716         |              |        |
| Mostek   |        | MKM2716         |              |        |
| Motorola |        | M29F040         | [PLCC32]     | (1384) |
| Motorola |        | M29F040         | [R-TSOP32]   | (1383) |
| Motorola |        | M29F040         | [TSOP32]     | (1381) |
| Motorola |        | M29F200BE       | [TSOP48]     | (1346) |
| Motorola |        | M29F200BS       | [PSOP44]     | (1356) |
| Motorola |        | M29F200TE       | [TSOP48]     | (1346) |
| Motorola |        | M29F200TS       | [PSOP44]     | (1356) |
| Motorola |        | M29F400BE       | [TSOP48]     | (1346) |
| Motorola |        | M29F400BS       | [PSOP44]     | (1356) |
| Motorola |        | M29F400TE       | [TSOP48]     | (1346) |
| Motorola |        | M29F400TS       | [PSOP44]     | (1356) |
| Motorola |        | MC56F8135       | [LQFP128]    | (1029) |
| Motorola |        | MC56F8145       | [LQFP128]    | (1029) |
| Motorola |        | MC56F8146       | [LQFP144]    | (1045) |
| Motorola |        | MC56F8147       | [LQFP160]    | (1046) |
| Motorola |        | MC56F8155       | [LQFP128]    | (1029) |
| Motorola |        | MC56F8156       | [LQFP144]    | (1045) |
| Motorola |        | MC56F8157       | [LQFP160]    | (1046) |
| Motorola |        | MC56F8165       | [LQFP128]    | (1029) |
| Motorola |        | MC56F8166       | [LQFP144]    | (1045) |
| Motorola |        | MC56F8167       | [LQFP160]    | (1046) |
| Motorola |        | MC56F8335       | [LQFP128]    | (1029) |
| Motorola |        | MC56F8345       | [LQFP128]    | (1029) |
| Motorola |        | MC56F8346       | [LQFP144]    | (1045) |
| Motorola |        | MC56F8347       | [LQFP160]    | (1046) |
| Motorola |        | MC56F8355       | [LQFP128]    | (1029) |
| Motorola |        | MC56F8356       | [LQFP144]    | (1045) |
| Motorola |        | MC56F8357       | [LQFP160]    | (1046) |
| Motorola |        | MC56F8365       | [LQFP128]    | (1029) |
| Motorola |        | MC56F8366       | [LQFP144]    | (1045) |
| Motorola |        | MC56F8367       | [LQFP160]    | (1046) |
| Motorola |        | MC68705P3       |              |        |
| Motorola |        | MC68705P5       |              |        |
| Motorola |        | MC68705R3       |              |        |
| Motorola |        | MC68705U3       |              |        |
| Motorola |        | MC68711E20      | [PLCC52]     | (111)  |
| Motorola |        | MC68711E20      | [QFP64]      | (112)  |
| Motorola |        | MC68HC05B6      | [PLCC52]     | (110)  |
| Motorola |        | MC68HC05B6      | [SDIP56]     | (644)  |
| Motorola |        | MC68HC08AB16A   | [QFP64]      | (115)  |
| Motorola |        | MC68HC08AS20    | [PLCC52]     | (111)  |
| Motorola |        | MC68HC08AS32    | [PLCC52]     | (111)  |
| Motorola |        | MC68HC08AS32    | [QFP64]      | (115)  |
| Motorola |        | MC68HC08AS32A   | [PLCC52]     | (111)  |
| Motorola |        | MC68HC08AS32A   | [QFP64]      | (115)  |
| Motorola |        | MC68HC08AZ32    | [QFP64]      | (115)  |
| Motorola |        | MC68HC08AZ32A   | (ISP 5-wire) | (138)  |
| Motorola |        | MC68HC08AZ32A   | [QFP64]      | (115)  |
| Motorola |        | MC68HC08AZ48A   | (ISP 5-wire) | (138)  |
| Motorola |        | MC68HC08AZ48A   | [QFP64]      | (115)  |
| Motorola |        | MC68HC08AZ60A   | (ISP 5-wire) | (138)  |
| Motorola |        | MC68HC08AZ60A   | [QFP64]      | (115)  |
| Motorola |        | MC68HC11A0      | [PLCC52]     | (111)  |
| Motorola |        | MC68HC11A1      |              |        |
| Motorola |        | MC68HC11A1      | (ISP)        | (138)  |
| Motorola |        | MC68HC11A1      | [PLCC52]     | (111)  |
| Motorola |        | MC68HC11A1      | [QFP64]      | (112)  |
| Motorola |        | MC68HC11A7      |              |        |
| Motorola |        | MC68HC11A7      | (ISP)        | (138)  |
| Motorola |        | MC68HC11A7      | [PLCC52]     | (111)  |
| Motorola |        | MC68HC11A8      |              |        |
| Motorola |        | MC68HC11A8      | (ISP)        | (138)  |
| Motorola |        | MC68HC11A8      | [PLCC52]     | (111)  |
| Motorola |        | MC68HC11A8      | [QFP64]      | (112)  |
| Motorola |        | MC68HC11D3      | (ISP)        | (138)  |
| Motorola |        | MC68HC11E1      | (ISP)        | (138)  |
| Motorola |        | MC68HC11E1      | [PLCC52]     | (111)  |
| Motorola |        | MC68HC11E1      | [QFP64]      | (112)  |
| Motorola |        | MC68HC11E20     | (ISP)        | (138)  |
| Motorola |        | MC68HC11E20     | [PLCC52]     | (111)  |
| Motorola |        | MC68HC11E20     | [QFP64]      | (112)  |
| Motorola |        | MC68HC11E8      | (ISP)        | (138)  |
| Motorola |        | MC68HC11E8      | [PLCC52]     | (111)  |
| Motorola |        | MC68HC11E9      | (ISP)        | (138)  |
| Motorola |        | MC68HC11E9      | [PLCC52]     | (111)  |
| Motorola |        | MC68HC11E9      | [QFP64]      | (112)  |
| Motorola |        | MC68HC11F1      | (ISP)        | (138)  |
| Motorola |        | MC68HC11F1      | [PLCC68]     | (114)  |
| Motorola |        | MC68HC11F1      | [TQFP80]     | (2333) |
| Motorola |        | MC68HC11K1      | [PLCC84]     | (1116) |
| Motorola |        | MC68HC11K1      | [QFP80]      | (697)  |
| Motorola |        | MC68HC11K4      | [PLCC84]     | (1116) |
| Motorola |        | MC68HC11KA1     | [PLCC68]     | (114)  |
| Motorola |        | MC68HC11KA4     | [PLCC68]     | (114)  |
| Motorola |        | MC68HC11P2      | [PLCC84]     | (1116) |
| Motorola |        | MC68HC11PA8     | [QFP64]      | (112)  |
| Motorola |        | MC68HC11PH8xxx4 | [PLCC84]     | (1116) |
| Motorola |        | MC68HC705B16    | [PLCC52]     | (110)  |
| Motorola |        | MC68HC705B16    | [QFP64]      | (113)  |
| Motorola |        | MC68HC705B16    | [SDIP56]     | (644)  |
| Motorola |        | MC68HC705B16N   | [PLCC52]     | (110)  |
| Motorola |        | MC68HC705B16N   | [QFP64]      | (113)  |
| Motorola |        | MC68HC705B16N   | [SDIP56]     | (644)  |
| Motorola |        | MC68HC705B32    | [PLCC52]     | (110)  |
| Motorola |        | MC68HC705B32    | [QFP64]      | (113)  |
| Motorola |        | MC68HC705B32    | [SDIP56]     | (644)  |
| Motorola |        | MC68HC705C8     |              |        |
| Motorola |        | MC68HC705C8     | [PLCC44]     | (67)   |
| Motorola |        | MC68HC705C8A    |              |        |
| Motorola |        | MC68HC705C8A    | [PLCC44]     | (67)   |
| Motorola |        | MC68HC705C8A    | [QFP44]      | (108)  |
| Motorola |        | MC68HC705C9     |              |        |
| Motorola |        | MC68HC705C9     | [PLCC44]     | (67)   |
| Motorola |        | MC68HC705C9A    |              |        |

|          |                |                |              |
|----------|----------------|----------------|--------------|
| Motorola | MC68HC705C9A   | [PLCC44]       | (67)         |
| Motorola | MC68HC705C9A   | [QFP44]        | (108)        |
| Motorola | MC68HC705J1A   |                |              |
| Motorola | MC68HC705J1A   | [SOIC20]       | (119)        |
| Motorola | MC68HC705J17   | [SOIC20]       | (119)        |
| Motorola | MC68HC705JP7   |                |              |
| Motorola | MC68HC705JP7   | [SOIC28]       | (51)         |
| Motorola | MC68HC705KJ1   |                |              |
| Motorola | MC68HC705KJ1   | [SOIC16]       | (1060)       |
| Motorola | MC68HC705P6    |                |              |
| Motorola | MC68HC705P6    | [SOIC28]       | (51)         |
| Motorola | MC68HC705P6A   |                |              |
| Motorola | MC68HC705P6A   | [SOIC28]       | (51)         |
| Motorola | MC68HC705P9    |                |              |
| Motorola | MC68HC705P9    | [SOIC28]       | (51)         |
| Motorola | MC68HC705SR3   |                |              |
| Motorola | MC68HC705X32   | [QFP64]        | (113)        |
| Motorola | MC68HC711D3    |                |              |
| Motorola | MC68HC711D3    | (ISP)          | (138)        |
| Motorola | MC68HC711D3    | [PLCC44]       | (67)         |
| Motorola | MC68HC711E20   | (ISP)          | (138)        |
| Motorola | MC68HC711E20   | [PLCC52]       | (111)        |
| Motorola | MC68HC711E20   | [QFP64]        | (112)        |
| Motorola | MC68HC711E9    | (ISP)          | (138)        |
| Motorola | MC68HC711E9    | [PLCC52]       | (111)        |
| Motorola | MC68HC711E9    | [QFP64]        | (112)        |
| Motorola | MC68HC711EA9   | (ISP)          | (138) (9999) |
| Motorola | MC68HC711EA9   | [PLCC52]       | (111) (9999) |
| Motorola | MC68HC711K4    | [PLCC84]       | (3384)       |
| Motorola | MC68HC711K4    | [QFP80]        | (697)        |
| Motorola | MC68HC711KA2   | [PLCC68]       | (114)        |
| Motorola | MC68HC711KA4   | [PLCC68]       | (114)        |
| Motorola | MC68HC711P2    | [PLCC84]       | (1116)       |
| Motorola | MC68HC811A2    | [PLCC52]       | (111)        |
| Motorola | MC68HC811E2    |                |              |
| Motorola | MC68HC811E2    | (ISP)          | (138)        |
| Motorola | MC68HC811E2    | (ISP-UART)     | (138)        |
| Motorola | MC68HC811E2    | [PLCC52]       | (111)        |
| Motorola | MC68HC812A4    | [LQFP112]      | (4087)       |
| Motorola | MC68HC908AB32  | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908AB32  | [QFP64]        | (115)        |
| Motorola | MC68HC908AP16  | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908AP16  | (ISP all-wire) | (138)        |
| Motorola | MC68HC908AP16  | [LQFP48]       | (174)        |
| Motorola | MC68HC908AP16  | [QFP44]        | (108)        |
| Motorola | MC68HC908AP16  | [SDIP42]       | (164)        |
| Motorola | MC68HC908AP32  | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908AP32  | (ISP all-wire) | (138)        |
| Motorola | MC68HC908AP32  | [LQFP48]       | (174)        |
| Motorola | MC68HC908AP32  | [QFP44]        | (108)        |
| Motorola | MC68HC908AP32  | [SDIP42]       | (164)        |
| Motorola | MC68HC908AP64  | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908AP64  | (ISP all-wire) | (138)        |
| Motorola | MC68HC908AP64  | [LQFP48]       | (174)        |
| Motorola | MC68HC908AP64  | [QFP44]        | (108)        |
| Motorola | MC68HC908AP64  | [SDIP42]       | (164)        |
| Motorola | MC68HC908AP8   | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908AP8   | (ISP all-wire) | (138)        |
| Motorola | MC68HC908AP8   | [LQFP48]       | (174)        |
| Motorola | MC68HC908AP8   | [QFP44]        | (108)        |
| Motorola | MC68HC908AP8   | [SDIP42]       | (164)        |
| Motorola | MC68HC908AS32A | [PLCC52]       | (111)        |
| Motorola | MC68HC908AS60  | [PLCC52]       | (111)        |
| Motorola | MC68HC908AS60  | [QFP64]        | (115)        |
| Motorola | MC68HC908AS60A | [PLCC52]       | (111)        |
| Motorola | MC68HC908AS60A | [QFP64]        | (115)        |
| Motorola | MC68HC908AZ32A | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908AZ32A | [QFP64]        | (115)        |
| Motorola | MC68HC908AZ60  | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908AZ60  | [QFP64]        | (115)        |
| Motorola | MC68HC908AZ60A | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908AZ60A | [QFP64]        | (115)        |
| Motorola | MC68HC908BD48  | [QFP44]        | (108)        |
| Motorola | MC68HC908BD48  | [SDIP42]       | (164)        |
| Motorola | MC68HC908EY16  | [QFP32]        | (159)        |
| Motorola | MC68HC908GP32  |                |              |
| Motorola | MC68HC908GP32  | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908GP32  | (ISP all-wire) | (138)        |
| Motorola | MC68HC908GP32  | [QFP44]        | (108)        |
| Motorola | MC68HC908GP32  | [SDIP42]       | (164)        |
| Motorola | MC68HC908GR16  | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908GR16  | (ISP all-wire) | (138)        |
| Motorola | MC68HC908GR16  | [LQFP32]       | (159)        |
| Motorola | MC68HC908GR16  | [LQFP48]       | (174)        |
| Motorola | MC68HC908GR16A | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908GR16A | (ISP allwire)  | (138)        |
| Motorola | MC68HC908GR16A | [LQFP32]       | (159)        |
| Motorola | MC68HC908GR16A | [LQFP48]       | (174)        |
| Motorola | MC68HC908GR32  | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908GR32  | (ISP all-wire) | (138)        |
| Motorola | MC68HC908GR32  | [LQFP32]       | (159)        |
| Motorola | MC68HC908GR32  | [LQFP48]       | (174)        |
| Motorola | MC68HC908GR32  | [QFP64]        | (479)        |
| Motorola | MC68HC908GR32A | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908GR32A | (ISP allwire)  | (138)        |
| Motorola | MC68HC908GR32A | [LQFP32]       | (159)        |
| Motorola | MC68HC908GR32A | [LQFP48]       | (174)        |
| Motorola | MC68HC908GR32A | [QFP64]        | (479)        |
| Motorola | MC68HC908GR4   |                |              |
| Motorola | MC68HC908GR4   | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908GR4   | (ISP all-wire) | (138)        |
| Motorola | MC68HC908GR4   | [LQFP32]       | (159)        |
| Motorola | MC68HC908GR4   | [SOIC28]       | (51)         |
| Motorola | MC68HC908GR48  | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908GR48  | (ISP all-wire) | (138)        |
| Motorola | MC68HC908GR48  | [LQFP32]       | (159)        |
| Motorola | MC68HC908GR48  | [LQFP48]       | (174)        |
| Motorola | MC68HC908GR48  | [QFP64]        | (479)        |
| Motorola | MC68HC908GR48A | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908GR48A | (ISP allwire)  | (138)        |
| Motorola | MC68HC908GR48A | [LQFP32]       | (159)        |
| Motorola | MC68HC908GR48A | [LQFP48]       | (174)        |
| Motorola | MC68HC908GR48A | [QFP64]        | (479)        |
| Motorola | MC68HC908GR4A  |                |              |
| Motorola | MC68HC908GR4A  | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908GR4A  | (ISP all-wire) | (138)        |
| Motorola | MC68HC908GR4A  | [LQFP32]       | (159)        |
| Motorola | MC68HC908GR4A  | [SOIC28]       | (51)         |
| Motorola | MC68HC908GR60  | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908GR60  | (ISP all-wire) | (138)        |
| Motorola | MC68HC908GR60  | [LQFP32]       | (159)        |
| Motorola | MC68HC908GR60  | [LQFP48]       | (174)        |
| Motorola | MC68HC908GR60  | [QFP64]        | (479)        |
| Motorola | MC68HC908GR60A | (ISP 5-wire)   | (138)        |
| Motorola | MC68HC908GR60A | (ISP allwire)  | (138)        |
| Motorola | MC68HC908GR60A | [LQFP32]       | (159)        |
| Motorola | MC68HC908GR60A | [LQFP48]       | (174)        |
| Motorola | MC68HC908GR60A | [QFP64]        | (479)        |

|          |               |                         |        |
|----------|---------------|-------------------------|--------|
| Motorola | MC68HC908GR8  |                         |        |
| Motorola | MC68HC908GR8  | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908GR8  | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908GR8  | [LQFP32]                | (159)  |
| Motorola | MC68HC908GR8  | [SOIC28]                | (51)   |
| Motorola | MC68HC908GR8A |                         |        |
| Motorola | MC68HC908GR8A | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908GR8A | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908GR8A | [LQFP32]                | (159)  |
| Motorola | MC68HC908GR8A | [SOIC28]                | (51)   |
| Motorola | MC68HC908GT16 | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908GT16 | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908GT16 | [QFP44]                 | (108)  |
| Motorola | MC68HC908GT16 | [SDIP42]                | (164)  |
| Motorola | MC68HC908GT8  | [QFP44]                 | (108)  |
| Motorola | MC68HC908GT8  | [SDIP42]                | (164)  |
| Motorola | MC68HC908GZ16 | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908GZ16 | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908GZ16 | [LQFP32]                | (159)  |
| Motorola | MC68HC908GZ16 | [LQFP48]                | (174)  |
| Motorola | MC68HC908GZ32 | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908GZ32 | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908GZ32 | [LQFP32]                | (159)  |
| Motorola | MC68HC908GZ32 | [LQFP48]                | (174)  |
| Motorola | MC68HC908GZ32 | [QFP64]                 | (479)  |
| Motorola | MC68HC908GZ48 | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908GZ48 | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908GZ48 | [LQFP32]                | (159)  |
| Motorola | MC68HC908GZ48 | [LQFP48]                | (174)  |
| Motorola | MC68HC908GZ48 | [QFP64]                 | (479)  |
| Motorola | MC68HC908GZ60 | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908GZ60 | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908GZ60 | [LQFP32]                | (159)  |
| Motorola | MC68HC908GZ60 | [LQFP48]                | (174)  |
| Motorola | MC68HC908GZ60 | [QFP64]                 | (479)  |
| Motorola | MC68HC908GZ8  | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908GZ8  | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908GZ8  | [LQFP32]                | (159)  |
| Motorola | MC68HC908GZ8  | [LQFP48]                | (174)  |
| Motorola | MC68HC908JB12 | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908JB12 | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908JB12 | [SOIC20]                | (119)  |
| Motorola | MC68HC908JB12 | [SOIC28]                | (51)   |
| Motorola | MC68HC908JB16 | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908JB16 | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908JB16 | [LQFP32]                | (159)  |
| Motorola | MC68HC908JB16 | [SOIC20]                | (119)  |
| Motorola | MC68HC908JB16 | [SOIC28]                | (51)   |
| Motorola | MC68HC908JB8  |                         |        |
| Motorola | MC68HC908JB8  | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908JB8  | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908JB8  | [QFP44]                 | (108)  |
| Motorola | MC68HC908JB8  | [SOIC20]                | (119)  |
| Motorola | MC68HC908JB8  | [SOIC28]                | (51)   |
| Motorola | MC68HC908JK1  |                         |        |
| Motorola | MC68HC908JK1  | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908JK1  | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908JK1  | [SOIC20]                | (119)  |
| Motorola | MC68HC908JK1E |                         |        |
| Motorola | MC68HC908JK1E | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908JK1E | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908JK1E | [SOIC20]                | (119)  |
| Motorola | MC68HC908JK3  |                         |        |
| Motorola | MC68HC908JK3  | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908JK3  | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908JK3  | [SOIC20]                | (119)  |
| Motorola | MC68HC908JK3E |                         |        |
| Motorola | MC68HC908JK3E | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908JK3E | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908JK3E | [SOIC20]                | (119)  |
| Motorola | MC68HC908JK8  |                         |        |
| Motorola | MC68HC908JK8  | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908JK8  | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908JK8  | [SOIC20]                | (119)  |
| Motorola | MC68HC908JL3  |                         |        |
| Motorola | MC68HC908JL3  | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908JL3  | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908JL3  | [SOIC28]                | (51)   |
| Motorola | MC68HC908JL3E |                         |        |
| Motorola | MC68HC908JL3E | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908JL3E | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908JL3E | [LQFP48]                | (3383) |
| Motorola | MC68HC908JL3E | [SOIC28]                | (51)   |
| Motorola | MC68HC908JL8  |                         |        |
| Motorola | MC68HC908JL8  | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908JL8  | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908JL8  | [LQFP32]                | (159)  |
| Motorola | MC68HC908JL8  | [SDIP32]                | (175)  |
| Motorola | MC68HC908JL8  | [SOIC28]                | (51)   |
| Motorola | MC68HC908KX2  |                         |        |
| Motorola | MC68HC908KX2  | [SOIC16]                | (1060) |
| Motorola | MC68HC908KX8  |                         |        |
| Motorola | MC68HC908KX8  | [SOIC16]                | (1060) |
| Motorola | MC68HC908LB8  |                         |        |
| Motorola | MC68HC908LB8  | [SOIC20]                | (119)  |
| Motorola | MC68HC908LD60 | [QFP64]                 | (115)  |
| Motorola | MC68HC908LD64 | [QFP64]                 | (115)  |
| Motorola | MC68HC908LJ12 | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908LJ12 | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908LJ12 | [LQFP52]                | (817)  |
| Motorola | MC68HC908LJ12 | [LQFP64]                | (526)  |
| Motorola | MC68HC908LJ12 | [QFP64]                 | (479)  |
| Motorola | MC68HC908LJ24 | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908LJ24 | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908LJ24 | [LQFP64]                | (526)  |
| Motorola | MC68HC908LJ24 | [LQFP80]                | (590)  |
| Motorola | MC68HC908LJ24 | [QFP64]                 | (479)  |
| Motorola | MC68HC908LJ24 | [QFP80]                 | (591)  |
| Motorola | MC68HC908LK24 | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908LK24 | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908LK24 | [LQFP64]                | (526)  |
| Motorola | MC68HC908LK24 | [LQFP80]                | (590)  |
| Motorola | MC68HC908LK24 | [QFP64]                 | (479)  |
| Motorola | MC68HC908LK24 | [QFP80]                 | (591)  |
| Motorola | MC68HC908LV8  | [LQFP52]                | (817)  |
| Motorola | MC68HC908MR16 | [QFP64]                 | (115)  |
| Motorola | MC68HC908MR16 | [SDIP56]                | (496)  |
| Motorola | MC68HC908MR32 | [QFP64]                 | (115)  |
| Motorola | MC68HC908MR32 | [SDIP56]                | (496)  |
| Motorola | MC68HC908MR8  |                         |        |
| Motorola | MC68HC908MR8  | [LQFP32]                | (159)  |
| Motorola | MC68HC908MR8  | [LQFP32] (full support) | (2804) |
| Motorola | MC68HC908MR8  | [SOIC28]                | (51)   |
| Motorola | MC68HC908QT1  |                         |        |
| Motorola | MC68HC908QT1  | (ISP 5-wire)            | (138)  |
| Motorola | MC68HC908QT1  | (ISP all-wire)          | (138)  |
| Motorola | MC68HC908QT1  | [SOIC8]                 | (46)   |
| Motorola | MC68HC908QT2  |                         |        |

|          |                 |                |        |
|----------|-----------------|----------------|--------|
| Motorola | MC68HC908QT2    | (ISP 5-wire)   | (138)  |
| Motorola | MC68HC908QT2    | (ISP all-wire) | (138)  |
| Motorola | MC68HC908QT2    | [SOIC8]        | (46)   |
| Motorola | MC68HC908QT4    |                |        |
| Motorola | MC68HC908QT4    | (ISP 5-wire)   | (138)  |
| Motorola | MC68HC908QT4    | (ISP all-wire) | (138)  |
| Motorola | MC68HC908QT4    | [SOIC8]        | (46)   |
| Motorola | MC68HC908QY1    |                |        |
| Motorola | MC68HC908QY1    | (ISP 5-wire)   | (138)  |
| Motorola | MC68HC908QY1    | (ISP all-wire) | (138)  |
| Motorola | MC68HC908QY1    | [SOIC16]       | (1060) |
| Motorola | MC68HC908QY1    | [TSSOP16]      | (1088) |
| Motorola | MC68HC908QY2    |                |        |
| Motorola | MC68HC908QY2    | (ISP 5-wire)   | (138)  |
| Motorola | MC68HC908QY2    | (ISP all-wire) | (138)  |
| Motorola | MC68HC908QY2    | [SOIC16]       | (1060) |
| Motorola | MC68HC908QY2    | [TSSOP16]      | (1088) |
| Motorola | MC68HC908QY4    |                |        |
| Motorola | MC68HC908QY4    | (ISP 5-wire)   | (138)  |
| Motorola | MC68HC908QY4    | (ISP all-wire) | (138)  |
| Motorola | MC68HC908QY4    | [SOIC16]       | (1060) |
| Motorola | MC68HC908QY4    | [TSSOP16]      | (1088) |
| Motorola | MC68HC908RF2    | [LQFP32]       | (159)  |
| Motorola | MC68HC908RK2    | [SOIC20]       | (119)  |
| Motorola | MC68HC908SR12   | [LQFP48]       | (174)  |
| Motorola | MC68HC908SR12   | [SDIP42]       | (164)  |
| Motorola | MC68HC912B32    | (ISP)          | (138)  |
| Motorola | MC68HC912B32    | [QFP80]        | (891)  |
| Motorola | MC68HC912D60    | (ISP)          | (138)  |
| Motorola | MC68HC912D60    | [QFP80]        | (955)  |
| Motorola | MC68HC912D60    | [TQFP112]      | (953)  |
| Motorola | MC68HC912D60A   | (ISP)          | (138)  |
| Motorola | MC68HC912D60A   | [QFP80]        | (955)  |
| Motorola | MC68HC912D60A   | [TQFP112]      | (953)  |
| Motorola | MC68HC912D60C   | (ISP)          | (138)  |
| Motorola | MC68HC912D60C   | [QFP80]        | (955)  |
| Motorola | MC68HC912D60C   | [TQFP112]      | (953)  |
| Motorola | MC68HC912D60P   | (ISP)          | (138)  |
| Motorola | MC68HC912D60P   | [QFP80]        | (955)  |
| Motorola | MC68HC912D60P   | [TQFP112]      | (953)  |
| Motorola | MC68HC912DG128  | [TQFP112]      | (953)  |
| Motorola | MC68HC912DG128A | (ISP)          | (138)  |
| Motorola | MC68HC912DG128A | [TQFP112]      | (953)  |
| Motorola | MC68HC912DT128A | (ISP)          | (138)  |
| Motorola | MC68HC912DT128A | [TQFP112]      | (953)  |
| Motorola | MC68HC98LJ12    | (ISP 5-wire)   | (138)  |
| Motorola | MC68HC98LJ12    | (ISP all-wire) | (138)  |
| Motorola | MC68HC98LJ12    | [QFP64]        | (479)  |
| Motorola | MC68HCP11A1     |                |        |
| Motorola | MC68HCP11E1     | (ISP)          | (138)  |
| Motorola | MC68HCP11E1     | [PLCC52]       | (111)  |
| Motorola | MC68HCP11E1     | [QFP64]        | (112)  |
| Motorola | MC68HLC705KJ1   |                |        |
| Motorola | MC68HLC705KJ1   | [SOIC16]       | (1060) |
| Motorola | MC68HLC908QT1   |                |        |
| Motorola | MC68HLC908QT1   | (ISP 5-wire)   | (138)  |
| Motorola | MC68HLC908QT1   | (ISP all-wire) | (138)  |
| Motorola | MC68HLC908QT1   | [SOIC8]        | (46)   |
| Motorola | MC68HLC908QT2   |                |        |
| Motorola | MC68HLC908QT2   | (ISP 5-wire)   | (138)  |
| Motorola | MC68HLC908QT2   | (ISP all-wire) | (138)  |
| Motorola | MC68HLC908QT2   | [SOIC8]        | (46)   |
| Motorola | MC68HLC908QT4   |                |        |
| Motorola | MC68HLC908QT4   | (ISP 5-wire)   | (138)  |
| Motorola | MC68HLC908QT4   | (ISP all-wire) | (138)  |
| Motorola | MC68HLC908QT4   | [SOIC8]        | (46)   |
| Motorola | MC68HLC908QY1   |                |        |
| Motorola | MC68HLC908QY1   | (ISP 5-wire)   | (138)  |
| Motorola | MC68HLC908QY1   | (ISP all-wire) | (138)  |
| Motorola | MC68HLC908QY1   | [SOIC16]       | (1060) |
| Motorola | MC68HLC908QY1   | [TSSOP16]      | (1088) |
| Motorola | MC68HLC908QY2   |                |        |
| Motorola | MC68HLC908QY2   | (ISP 5-wire)   | (138)  |
| Motorola | MC68HLC908QY2   | (ISP all-wire) | (138)  |
| Motorola | MC68HLC908QY2   | [SOIC16]       | (1060) |
| Motorola | MC68HLC908QY2   | [TSSOP16]      | (1088) |
| Motorola | MC68HLC908QY4   |                |        |
| Motorola | MC68HLC908QY4   | (ISP 5-wire)   | (138)  |
| Motorola | MC68HLC908QY4   | (ISP all-wire) | (138)  |
| Motorola | MC68HLC908QY4   | [SOIC16]       | (1060) |
| Motorola | MC68HLC908QY4   | [TSSOP16]      | (1088) |
| Motorola | MC68HRC705J1A   |                |        |
| Motorola | MC68HRC705J1A   | [SOIC20]       | (119)  |
| Motorola | MC68HRC705JP7   | [SOIC28]       | (4045) |
| Motorola | MC68HRC705KJ1   |                |        |
| Motorola | MC68HRC705KJ1   | [SOIC16]       | (1060) |
| Motorola | MC68HRC908JK1   |                |        |
| Motorola | MC68HRC908JK1   | (ISP 5-wire)   | (138)  |
| Motorola | MC68HRC908JK1   | (ISP all-wire) | (138)  |
| Motorola | MC68HRC908JK1   | [SOIC20]       | (119)  |
| Motorola | MC68HRC908JK1E  |                |        |
| Motorola | MC68HRC908JK1E  | (ISP 5-wire)   | (138)  |
| Motorola | MC68HRC908JK1E  | (ISP all-wire) | (138)  |
| Motorola | MC68HRC908JK1E  | [SOIC20]       | (119)  |
| Motorola | MC68HRC908JK3   |                |        |
| Motorola | MC68HRC908JK3   | (ISP 5-wire)   | (138)  |
| Motorola | MC68HRC908JK3   | (ISP all-wire) | (138)  |
| Motorola | MC68HRC908JK3   | [SOIC20]       | (119)  |
| Motorola | MC68HRC908JK3E  |                |        |
| Motorola | MC68HRC908JK3E  | (ISP 5-wire)   | (138)  |
| Motorola | MC68HRC908JK3E  | (ISP all-wire) | (138)  |
| Motorola | MC68HRC908JK3E  | [SOIC20]       | (119)  |
| Motorola | MC68HRC908JL3   |                |        |
| Motorola | MC68HRC908JL3   | (ISP 5-wire)   | (138)  |
| Motorola | MC68HRC908JL3   | (ISP all-wire) | (138)  |
| Motorola | MC68HRC908JL3   | [SOIC28]       | (51)   |
| Motorola | MC68HRC908JL3E  |                |        |
| Motorola | MC68HRC908JL3E  | (ISP 5-wire)   | (138)  |
| Motorola | MC68HRC908JL3E  | (ISP all-wire) | (138)  |
| Motorola | MC68HRC908JL3E  | [LQFP48]       | (3383) |
| Motorola | MC68HRC908JL3E  | [SOIC28]       | (51)   |
| Motorola | MC68HRC98Jk1E   |                |        |
| Motorola | MC68HRC98Jk1E   | (ISP 5-wire)   | (138)  |
| Motorola | MC68HRC98Jk1E   | (ISP all-wire) | (138)  |
| Motorola | MC68HRC98Jk1E   | [SOIC20]       | (119)  |
| Motorola | MC68HRC98Jk3E   |                |        |
| Motorola | MC68HRC98Jk3E   | (ISP 5-wire)   | (138)  |
| Motorola | MC68HRC98Jk3E   | (ISP all-wire) | (138)  |
| Motorola | MC68HRC98Jk3E   | [SOIC20]       | (119)  |
| Motorola | MC68HRC98JL3E   |                |        |
| Motorola | MC68HRC98JL3E   | (ISP 5-wire)   | (138)  |
| Motorola | MC68HRC98JL3E   | (ISP all-wire) | (138)  |
| Motorola | MC68HRC98JL3E   | [LQFP48]       | (3383) |
| Motorola | MC68HRC98JL3E   | [SOIC28]       | (51)   |
| Motorola | MC68HSC705C8A   |                |        |
| Motorola | MC68HSC705C8A   | [PLCC44]       | (67)   |
| Motorola | MC68HSC705C8A   | [QFP44]        | (108)  |
| Motorola | MC68HSC705J1A   |                |        |

|          |                                  |              |
|----------|----------------------------------|--------------|
| Motorola | MC68HSC705J1A [SOIC20]           | (119)        |
| Motorola | MC68HSR705J1A                    |              |
| Motorola | MC68HSR705J1A [SOIC20]           | (119)        |
| Motorola | MC68L11E9 (ISP)                  | (138)        |
| Motorola | MC68L11E9 [PLCC52]               | (111)        |
| Motorola | MC68L11E9 [QFP64]                | (112)        |
| Motorola | MC68L711E9 (ISP)                 | (138)        |
| Motorola | MC68L711E9 [PLCC52]              | (111)        |
| Motorola | MC68L711E9 [QFP64]               | (112)        |
| Motorola | MC68S711E9 (ISP)                 | (138)        |
| Motorola | MC68S711E9 [PLCC52]              | (111)        |
| Motorola | MC68SEC811E2 (ISP)               | (138)        |
| Motorola | MC68SEC811E2 [PLCC52]            | (111)        |
| Motorola | MC705J17 [SOIC20]                | (119)        |
| Motorola | MC705J17                         |              |
| Motorola | MC812A4 [LQFP112]                | (4087)       |
| Motorola | MC908LJ12 [LQFP52]               | (817)        |
| Motorola | MC908MR8 [LQFP32] (full support) | (2804)       |
| Motorola | MC912D60A (ISP)                  | (138)        |
| Motorola | MC912D60A [QFP80]                | (955)        |
| Motorola | MC912D60A [TQFP112]              | (953)        |
| Motorola | MC912D60C (ISP)                  | (138)        |
| Motorola | MC912D60C [QFP80]                | (955)        |
| Motorola | MC912D60C [TQFP112]              | (953)        |
| Motorola | MC912D60P (ISP)                  | (138)        |
| Motorola | MC912D60P [QFP80]                | (955)        |
| Motorola | MC912D60P [TQFP112]              | (953)        |
| Motorola | MC912DG128 [TQFP112]             | (953)        |
| Motorola | MC912DG128A (ISP)                | (138) (9997) |
| Motorola | MC912DG128A [TQFP112]            | (953)        |
| Motorola | MC9508GB16 (ISP)                 | (138)        |
| Motorola | MC9508GB16 [LQFP64]              | (799)        |
| Motorola | MC9508GB32 (ISP)                 | (138)        |
| Motorola | MC9508GB32 [LQFP64]              | (799)        |
| Motorola | MC9508GB60 (ISP)                 | (138)        |
| Motorola | MC9508GB60 [LQFP64]              | (799)        |
| Motorola | MC9508GT16 (ISP)                 | (138)        |
| Motorola | MC9508GT16 [QFN48]               | (567)        |
| Motorola | MC9508GT16 [QFP44]               | (108)        |
| Motorola | MC9508GT32 (ISP)                 | (138)        |
| Motorola | MC9508GT32 [QFN48]               | (567)        |
| Motorola | MC9508GT32 [QFP44]               | (108)        |
| Motorola | MC9508GT60 (ISP)                 | (138)        |
| Motorola | MC9508GT60 [QFN48]               | (567)        |
| Motorola | MC9508GT60 [QFP44]               | (108)        |
| Motorola | MC9508RC16 (ISP)                 | (138)        |
| Motorola | MC9508RC16 [LQFP32]              | (159)        |
| Motorola | MC9508RC16 [LQFP44]              | (94)         |
| Motorola | MC9508RC32 (ISP)                 | (138)        |
| Motorola | MC9508RC32 [LQFP32]              | (159)        |
| Motorola | MC9508RC32 [LQFP44]              | (94)         |
| Motorola | MC9508RC60 (ISP)                 | (138)        |
| Motorola | MC9508RC60 [LQFP32]              | (159)        |
| Motorola | MC9508RC60 [LQFP44]              | (94)         |
| Motorola | MC9508RC8 (ISP)                  | (138)        |
| Motorola | MC9508RC8 [LQFP32]               | (159)        |
| Motorola | MC9508RC8 [LQFP44]               | (94)         |
| Motorola | MC9508RD16                       |              |
| Motorola | MC9508RD16 (ISP)                 | (138)        |
| Motorola | MC9508RD16 [LQFP32]              | (159)        |
| Motorola | MC9508RD16 [LQFP44]              | (94)         |
| Motorola | MC9508RD16 [SOIC28]              | (51)         |
| Motorola | MC9508RD32                       |              |
| Motorola | MC9508RD32 (ISP)                 | (138)        |
| Motorola | MC9508RD32 [LQFP32]              | (159)        |
| Motorola | MC9508RD32 [LQFP44]              | (94)         |
| Motorola | MC9508RD32 [SOIC28]              | (51)         |
| Motorola | MC9508RD60                       |              |
| Motorola | MC9508RD60 (ISP)                 | (138)        |
| Motorola | MC9508RD60 [LQFP32]              | (159)        |
| Motorola | MC9508RD60 [LQFP44]              | (94)         |
| Motorola | MC9508RD60 [SOIC28]              | (51)         |
| Motorola | MC9508RD8                        |              |
| Motorola | MC9508RD8 (ISP)                  | (138)        |
| Motorola | MC9508RD8 [LQFP32]               | (159)        |
| Motorola | MC9508RD8 [SOIC28]               | (51)         |
| Motorola | MC9508RE16 (ISP)                 | (138)        |
| Motorola | MC9508RE16 [LQFP32]              | (159)        |
| Motorola | MC9508RE16 [LQFP44]              | (94)         |
| Motorola | MC9508RE32 (ISP)                 | (138)        |
| Motorola | MC9508RE32 [LQFP32]              | (159)        |
| Motorola | MC9508RE32 [LQFP44]              | (94)         |
| Motorola | MC9508RE60 (ISP)                 | (138)        |
| Motorola | MC9508RE60 [LQFP32]              | (159)        |
| Motorola | MC9508RE60 [LQFP44]              | (94)         |
| Motorola | MC9508RE8 (ISP)                  | (138)        |
| Motorola | MC9508RE8 [LQFP32]               | (159)        |
| Motorola | MC9508RE8 [LQFP44]               | (94)         |
| Motorola | MC9508RG32 (ISP)                 | (138)        |
| Motorola | MC9508RG32 [LQFP32]              | (159)        |
| Motorola | MC9508RG32 [LQFP44]              | (94)         |
| Motorola | MC9508RG60 (ISP)                 | (138)        |
| Motorola | MC9508RG60 [LQFP32]              | (159)        |
| Motorola | MC9508RG60 [LQFP44]              | (94)         |
| Motorola | MC9512A128 (ISP)                 | (138)        |
| Motorola | MC9512A128 [LQFP112]             | (699)        |
| Motorola | MC9512A128 [QFP80]               | (698)        |
| Motorola | MC9512A128B (ISP)                | (138)        |
| Motorola | MC9512A128B [LQFP112]            | (699)        |
| Motorola | MC9512A128B [QFP80]              | (698)        |
| Motorola | MC9512A128C (ISP)                | (138)        |
| Motorola | MC9512A128C [LQFP112]            | (699)        |
| Motorola | MC9512A128C [QFP80]              | (698)        |
| Motorola | MC9512A256 (ISP)                 | (138)        |
| Motorola | MC9512A256 [LQFP112]             | (699)        |
| Motorola | MC9512A256 [QFP80]               | (698)        |
| Motorola | MC9512A256B (ISP)                | (138)        |
| Motorola | MC9512A256B [LQFP112]            | (699)        |
| Motorola | MC9512A256B [QFP80]              | (698)        |
| Motorola | MC9512A256C (ISP)                | (138) (9997) |
| Motorola | MC9512A256C [LQFP112]            | (699)        |
| Motorola | MC9512A256C [QFP80]              | (698)        |
| Motorola | MC9512A32 (ISP)                  | (138)        |
| Motorola | MC9512A32 [QFP80]                | (698)        |
| Motorola | MC9512A512 (ISP)                 | (138)        |
| Motorola | MC9512A512 [LQFP112]             | (699)        |
| Motorola | MC9512A64 (ISP)                  | (138)        |
| Motorola | MC9512A64 [LQFP112]              | (699)        |
| Motorola | MC9512A64 [QFP80]                | (698)        |
| Motorola | MC9512C128 (ISP)                 | (138)        |
| Motorola | MC9512C128 [LQFP48]              | (174)        |
| Motorola | MC9512C128 [LQFP52]              | (801)        |
| Motorola | MC9512C128 [QFP80]               | (698)        |
| Motorola | MC9512C128C (ISP)                | (138) (9997) |
| Motorola | MC9512C128C [LQFP48]             | (174)        |
| Motorola | MC9512C128C [QFP80]              | (698)        |
| Motorola | MC9512C32 (ISP)                  | (138)        |
| Motorola | MC9512C32 [LQFP48]               | (174)        |

|          |              |           |              |
|----------|--------------|-----------|--------------|
| Motorola | MC9S12C32    | [LQFP52]  | (801)        |
| Motorola | MC9S12C32    | [QFP80]   | (698)        |
| Motorola | MC9S12C32C   | (ISP)     | (138)        |
| Motorola | MC9S12C32C   | [LQFP48]  | (174)        |
| Motorola | MC9S12C32C   | [QFP80]   | (698)        |
| Motorola | MC9S12C64    | (ISP)     | (138)        |
| Motorola | MC9S12C64    | [LQFP48]  | (174)        |
| Motorola | MC9S12C64    | [LQFP52]  | (801)        |
| Motorola | MC9S12C64    | [QFP80]   | (698)        |
| Motorola | MC9S12C96    | (ISP)     | (138)        |
| Motorola | MC9S12C96    | [LQFP48]  | (174)        |
| Motorola | MC9S12C96    | [LQFP52]  | (801)        |
| Motorola | MC9S12C96    | [QFP80]   | (698)        |
| Motorola | MC9S12D32    | (ISP)     | (138)        |
| Motorola | MC9S12D32    | [QFP80]   | (698)        |
| Motorola | MC9S12D64    | (ISP)     | (138)        |
| Motorola | MC9S12D64    | [LQFP112] | (699)        |
| Motorola | MC9S12D64    | [QFP80]   | (698)        |
| Motorola | MC9S12DB128  | (ISP)     | (138) (9997) |
| Motorola | MC9S12DB128  | [LQFP112] | (699)        |
| Motorola | MC9S12DB128  | [QFP80]   | (1081)       |
| Motorola | MC9S12DB128B | (ISP)     | (138) (9997) |
| Motorola | MC9S12DB128B | [LQFP112] | (699)        |
| Motorola | MC9S12DB128B | [QFP80]   | (1081)       |
| Motorola | MC9S12DG128  | (ISP)     | (138)        |
| Motorola | MC9S12DG128  | [LQFP112] | (699)        |
| Motorola | MC9S12DG128  | [QFP80]   | (698)        |
| Motorola | MC9S12DG128A | [LQFP112] | (699)        |
| Motorola | MC9S12DG128A | [QFP80]   | (698)        |
| Motorola | MC9S12DG128B | (ISP)     | (138)        |
| Motorola | MC9S12DG128B | [LQFP112] | (699)        |
| Motorola | MC9S12DG128B | [QFP80]   | (698)        |
| Motorola | MC9S12DG128C | (ISP)     | (138) (9997) |
| Motorola | MC9S12DG128C | [LQFP112] | (699)        |
| Motorola | MC9S12DG128C | [QFP80]   | (698)        |
| Motorola | MC9S12DG256  | (ISP)     | (138)        |
| Motorola | MC9S12DG256  | [LQFP112] | (699)        |
| Motorola | MC9S12DG256  | [QFP80]   | (698)        |
| Motorola | MC9S12DG256B | (ISP)     | (138)        |
| Motorola | MC9S12DG256B | [LQFP112] | (699)        |
| Motorola | MC9S12DG256B | [QFP80]   | (698)        |
| Motorola | MC9S12DG256C | [LQFP112] | (699)        |
| Motorola | MC9S12DG256C | [QFP80]   | (698)        |
| Motorola | MC9S12DJ128  | (ISP)     | (138)        |
| Motorola | MC9S12DJ128  | [LQFP112] | (699)        |
| Motorola | MC9S12DJ128  | [QFP80]   | (698)        |
| Motorola | MC9S12DJ128B | (ISP)     | (138)        |
| Motorola | MC9S12DJ128B | [LQFP112] | (699)        |
| Motorola | MC9S12DJ128B | [QFP80]   | (698)        |
| Motorola | MC9S12DJ256  | (ISP)     | (138)        |
| Motorola | MC9S12DJ256  | [LQFP112] | (699)        |
| Motorola | MC9S12DJ256  | [QFP80]   | (698)        |
| Motorola | MC9S12DJ256B | (ISP)     | (138)        |
| Motorola | MC9S12DJ256B | [LQFP112] | (699)        |
| Motorola | MC9S12DJ256B | [QFP80]   | (698)        |
| Motorola | MC9S12DJ256C | (ISP)     | (138) (9997) |
| Motorola | MC9S12DJ256C | [LQFP112] | (699)        |
| Motorola | MC9S12DJ256C | [QFP80]   | (698)        |
| Motorola | MC9S12DJ512  | (ISP)     | (138)        |
| Motorola | MC9S12DJ512  | [LQFP112] | (699)        |
| Motorola | MC9S12DJ64   | (ISP)     | (138)        |
| Motorola | MC9S12DJ64   | [LQFP112] | (699)        |
| Motorola | MC9S12DJ64   | [QFP80]   | (698)        |
| Motorola | MC9S12DP256B | (ISP)     | (138)        |
| Motorola | MC9S12DP256B | [LQFP112] | (699)        |
| Motorola | MC9S12DP256C | (ISP)     | (138)        |
| Motorola | MC9S12DP256C | [LQFP112] | (699)        |
| Motorola | MC9S12DT128  | [LQFP112] | (699)        |
| Motorola | MC9S12DT128  | [QFP80]   | (698)        |
| Motorola | MC9S12DT128B | [LQFP112] | (699)        |
| Motorola | MC9S12DT128C | [LQFP112] | (699)        |
| Motorola | MC9S12DT256  | (ISP)     | (138)        |
| Motorola | MC9S12DT256  | [LQFP112] | (699)        |
| Motorola | MC9S12DT256  | [QFP80]   | (698)        |
| Motorola | MC9S12DT256B | [LQFP112] | (699)        |
| Motorola | MC9S12DT256C | [LQFP112] | (699)        |
| Motorola | MC9S12DT512  | (ISP)     | (138)        |
| Motorola | MC9S12DT512  | [LQFP112] | (699)        |
| Motorola | MC9S12E128   | (ISP)     | (138)        |
| Motorola | MC9S12E128   | [LQFP112] | (678)        |
| Motorola | MC9S12E128   | [QFP80]   | (677)        |
| Motorola | MC9S12E256   | (ISP)     | (138)        |
| Motorola | MC9S12E256   | [LQFP112] | (678)        |
| Motorola | MC9S12E256   | [QFP80]   | (677)        |
| Motorola | MC9S12E64    | (ISP)     | (138)        |
| Motorola | MC9S12E64    | [LQFP112] | (678)        |
| Motorola | MC9S12E64    | [QFP80]   | (677)        |
| Motorola | MC9S12GC128  | (ISP)     | (138)        |
| Motorola | MC9S12GC128  | [LQFP48]  | (174)        |
| Motorola | MC9S12GC128  | [LQFP52]  | (801)        |
| Motorola | MC9S12GC128  | [QFP80]   | (698)        |
| Motorola | MC9S12GC128C | (ISP)     | (138) (9997) |
| Motorola | MC9S12GC128C | [LQFP48]  | (174)        |
| Motorola | MC9S12GC128C | [LQFP52]  | (801)        |
| Motorola | MC9S12GC128C | [QFP80]   | (698)        |
| Motorola | MC9S12GC16   | (ISP)     | (138)        |
| Motorola | MC9S12GC16   | [LQFP48]  | (174)        |
| Motorola | MC9S12GC16   | [LQFP52]  | (801)        |
| Motorola | MC9S12GC16   | [QFP80]   | (698)        |
| Motorola | MC9S12GC32   | (ISP)     | (138)        |
| Motorola | MC9S12GC32   | [LQFP48]  | (174)        |
| Motorola | MC9S12GC32   | [LQFP52]  | (801)        |
| Motorola | MC9S12GC32   | [QFP80]   | (698)        |
| Motorola | MC9S12GC32C  | (ISP)     | (138) (9997) |
| Motorola | MC9S12GC32C  | [LQFP48]  | (174)        |
| Motorola | MC9S12GC32C  | [LQFP52]  | (801)        |
| Motorola | MC9S12GC32C  | [QFP80]   | (698)        |
| Motorola | MC9S12GC64   | (ISP)     | (138)        |
| Motorola | MC9S12GC64   | [LQFP48]  | (174)        |
| Motorola | MC9S12GC64   | [LQFP52]  | (801)        |
| Motorola | MC9S12GC64   | [QFP80]   | (698)        |
| Motorola | MC9S12GC96   | (ISP)     | (138)        |
| Motorola | MC9S12GC96   | [LQFP48]  | (174)        |
| Motorola | MC9S12GC96   | [LQFP52]  | (801)        |
| Motorola | MC9S12GC96   | [QFP80]   | (698)        |
| Motorola | MC9S12H128   | (ISP)     | (138)        |
| Motorola | MC9S12H128   | [LQFP112] | (932)        |
| Motorola | MC9S12H128   | [LQFP144] | (1327)       |
| Motorola | MC9S12H256   | (ISP)     | (138)        |
| Motorola | MC9S12H256   | [LQFP112] | (932)        |
| Motorola | MC9S12H256   | [LQFP144] | (1327)       |
| Motorola | MC9S12NE64   | (ISP)     | (138)        |
| Motorola | MC9S12NE64   | [LQFP112] | (750)        |
| Motorola | MC9S12NE64   | [TQFP80]  | (749)        |
| Motorola | MC9S12Q128   | (ISP)     | (138)        |
| Motorola | MC9S12Q128   | [LQFP48]  | (174)        |
| Motorola | MC9S12Q128   | [LQFP52]  | (801)        |
| Motorola | MC9S12Q128   | [QFP80]   | (698)        |

|                    |                                    |               |
|--------------------|------------------------------------|---------------|
| Motorola           | MC9S12Q32 (ISP)                    | (138)         |
| Motorola           | MC9S12Q32 [LQFP48]                 | (174)         |
| Motorola           | MC9S12Q32 [LQFP52]                 | (801)         |
| Motorola           | MC9S12Q64 (ISP)                    | (138)         |
| Motorola           | MC9S12Q64 [LQFP48]                 | (174)         |
| Motorola           | MC9S12Q64 [LQFP52]                 | (801)         |
| Motorola           | MC9S12Q96 (ISP)                    | (138)         |
| Motorola           | MC9S12Q96 [LQFP48]                 | (174)         |
| Motorola           | MC9S12Q96 [LQFP52]                 | (801)         |
| Motorola           | MC9S12Q96 [QFP80]                  | (698)         |
| Motorola           | MCHC705JP7 [SOIC28]                | (51)          |
| Motorola           | MCHC908MR8 [LQFP32] (full support) | (2804)        |
| Motorola           | MCHSC705C8A [QFP44]                | (108)         |
| Motorola           | MCR705JP7 [SOIC28]                 | (4045)        |
| Motorola           | MM908E425 [SOIC54]                 | (869)         |
| Motorola           | MM908E621 [SOIC54]                 | (869)         |
| Motorola           | MM908E622 [SOIC54]                 | (869)         |
| Motorola           | MM908E624 [SOIC54]                 | (869)         |
| Motorola           | MM908E625 [SOIC54]                 | (869)         |
| Motorola           | MM908E626 [SOIC54]                 | (869)         |
| Motorola           | S912D60A (ISP)                     | (138)         |
| Motorola           | S912D60A [QFP80]                   | (955)         |
| Motorola           | S912D60A [TQFP112]                 | (953)         |
| Motorola           | S912D60C (ISP)                     | (138)         |
| Motorola           | S912D60C [QFP80]                   | (955)         |
| Motorola           | S912D60C [TQFP112]                 | (953)         |
| Motorola           | S912D60P (ISP)                     | (138)         |
| Motorola           | S912D60P [QFP80]                   | (955)         |
| Motorola           | S912D60P [TQFP112]                 | (953)         |
| Motorola           | XC68HC705B32 [PLCC52]              | (110)         |
| Motorola           | XC68HC705B32 [SDIP56]              | (644)         |
| Motorola           | XC68HC705P6                        |               |
| Motorola           | XC68HC711E9 [CLCC52]               | (111)         |
| Motorola           | XC705B32 [SDIP56]                  | (644)         |
| Motorola (ON Semi) | MCM2532                            |               |
| Motorola (ON Semi) | MCM2708                            | (2)           |
| Motorola (ON Semi) | MCM2708C                           | (2)           |
| Motorola (ON Semi) | MCM2708L                           | (2)           |
| Motorola (ON Semi) | MCM2716                            |               |
| Motorola (ON Semi) | MCM27A08                           | (2)           |
| Motorola (ON Semi) | MCM2814                            |               |
| Motorola (ON Semi) | MCM2814 [SOIC8]                    | (950)         |
| Motorola (ON Semi) | MCM68708                           | (2)           |
| Motorola (ON Semi) | MCM68732-0                         |               |
| Motorola (ON Semi) | MCM68732-1                         |               |
| Motorola (ON Semi) | MCM68764                           |               |
| Motorola (ON Semi) | MCM68766C                          |               |
| Motorola (ON Semi) | MCM68A708                          | (2)           |
| Motorola (ON Semi) | MCM68L732-0                        |               |
| Motorola (ON Semi) | MCM68L732-1                        |               |
| Motorola (ON Semi) | MCM7643DC                          |               |
| MPS                | MP2949A [QFN48]                    | (4515)        |
| MQP (Maple techn.) | E512 emulator as 27128             |               |
| MQP (Maple techn.) | E512 emulator as 2716              |               |
| MQP (Maple techn.) | E512 emulator as 27256             |               |
| MQP (Maple techn.) | E512 emulator as 2732              |               |
| MQP (Maple techn.) | E512 emulator as 27512             |               |
| MQP (Maple techn.) | E512 emulator as 2764              |               |
| MShine Technology  | MS25X10                            |               |
| MShine Technology  | MS25X10 (ISP)                      | (138)         |
| MShine Technology  | MS25X10 [SOP8]                     | (3088) (*1)   |
| MShine Technology  | MS25X10 [TSSOP8]                   | (1388)        |
| MShine Technology  | MS25X16                            |               |
| MShine Technology  | MS25X16 (ISP)                      | (138)         |
| MShine Technology  | MS25X16 [SOP16]                    | (3101) (*1)   |
| MShine Technology  | MS25X16 [SOP8]                     | (3088) (*1)   |
| MShine Technology  | MS25X20                            |               |
| MShine Technology  | MS25X20 (ISP)                      | (138)         |
| MShine Technology  | MS25X20 [SOP8]                     | (3088) (*1)   |
| MShine Technology  | MS25X20 [TSSOP8]                   | (1388)        |
| MShine Technology  | MS25X32                            |               |
| MShine Technology  | MS25X32 (ISP)                      | (138)         |
| MShine Technology  | MS25X32 [SOP16]                    | (3101) (*1)   |
| MShine Technology  | MS25X32 [SOP16] (DualSPI)          | (3101) (*1)   |
| MShine Technology  | MS25X32 [SOP8]                     | (3088) (*1)   |
| MShine Technology  | MS25X40                            |               |
| MShine Technology  | MS25X40 (ISP)                      | (138)         |
| MShine Technology  | MS25X40 [SOP8]                     | (3088) (*1)   |
| MShine Technology  | MS25X512                           |               |
| MShine Technology  | MS25X512 (ISP)                     | (138)         |
| MShine Technology  | MS25X512 [SOP8]                    | (3088) (*1)   |
| MShine Technology  | MS25X512 [TSSOP8]                  | (1388)        |
| MShine Technology  | MS25X80                            |               |
| MShine Technology  | MS25X80 (ISP)                      | (138)         |
| MShine Technology  | MS25X80 [SOP8]                     | (3088) (*1)   |
| M-SQUARE           | MS8951 (ISP)                       | (138)         |
| M-SQUARE           | MS8951 [LQFP48]                    | (174)         |
| M-SQUARE           | MS8951 [PLCC44]                    | (850)         |
| M-Systems          | MD2533-d16G-X-P [FBGA115]          | (1180) (9999) |
| M-Systems          | MD2533-d16G-X-P [FBGA115] (DSH)    | (1180) (9999) |
| M-Systems          | MD2533-d8G-X-P [FBGA115]           | (1180) (9999) |
| M-Systems          | MD2533-d8G-X-P [FBGA115] (DSH)     | (1180) (9999) |
| M-Systems          | MD2534-d1G-X-P [FBGA115]           | (1179) (9999) |
| M-Systems          | MD2534-d1G-X-P [FBGA115] (DSH)     | (1179) (9999) |
| M-Systems          | MD2534-d2G-X-P [FBGA115]           | (1179) (9999) |
| M-Systems          | MD2534-d2G-X-P [FBGA115] (DSH)     | (1179) (9999) |
| MTK                | MT-AP00300 [TFBGA232]              | (4979) (9999) |
| My-MS              | MM24C01-3                          |               |
| My-MS              | MM24C01-3 (ISP)                    | (138)         |
| My-MS              | MM24C01-3 [SOIC8]                  | (950)         |
| My-MS              | MM24C02-3                          |               |
| My-MS              | MM24C02-3 (ISP)                    | (138)         |
| My-MS              | MM24C02-3 [SOIC8]                  | (950)         |
| My-MS              | MM24C04-3                          |               |
| My-MS              | MM24C04-3 (ISP)                    | (138)         |
| My-MS              | MM24C04-3 [SOIC8]                  | (950)         |
| My-MS              | MM24C08-2/3                        |               |
| My-MS              | MM24C08-2/3 (ISP)                  | (138)         |
| My-MS              | MM24C08-2/3 [SOIC8]                | (950)         |
| My-MS              | MM24C16-2/3                        |               |
| My-MS              | MM24C16-2/3 (ISP)                  | (138)         |
| My-MS              | MM24C16-2/3 [SOIC8]                | (950)         |
| My-MS              | MM24C32-2/3                        |               |
| My-MS              | MM24C32-2/3 (ISP)                  | (138)         |
| My-MS              | MM24C32-2/3 [SOIC8]                | (950)         |
| My-MS              | MM24C64-2/3                        |               |
| My-MS              | MM24C64-2/3 (ISP)                  | (138)         |
| My-MS              | MM24C64-2/3 [SOIC8]                | (950)         |
| My-MS              | MM93C46-3                          |               |
| My-MS              | MM93C46-3 (ISP)                    | (138)         |
| My-MS              | MM93C46-3G [SOIC8]                 | (950)         |
| My-MS              | MM93C46-3GR [SOIC8]                | (950)         |
| My-MS              | MM93C56-3                          |               |
| My-MS              | MM93C56-3 (ISP)                    | (138)         |
| My-MS              | MM93C56-3G [SOIC8]                 | (950)         |
| My-MS              | MM93C56-3GR [SOIC8]                | (950)         |
| My-MS              | MM93C66-3                          |               |
| My-MS              | MM93C66-3 (ISP)                    | (138)         |

|                   |                             |            |
|-------------------|-----------------------------|------------|
| My-MS             | MM93C66-3G [SOIC8]          | (950)      |
| My-MS             | MM93C66-3GR [SOIC8]         | (950)      |
| Myson Century     | CS8953 [LQFP32]             | (1514)     |
| Myson Century     | CS8953 [SSOP28]             | (1515)     |
| Myson Century     | CS8955                      |            |
| Myson Century     | CS8955 [LQFP48]             | (174)      |
| Myson Century     | CS8955 [PLCC44]             | (67)       |
| Myson Century     | CS8955 [PQFP44]             | (108)      |
| Myson Century     | CS8955H                     |            |
| Myson Century     | CS8955H [LQFP48]            | (174)      |
| Myson Century     | CS8955H [PLCC44]            | (67)       |
| Myson Century     | CS8955H [PQFP44]            | (108)      |
| Myson Century     | CS8957 [PLCC44]             | (1517)     |
| Myson Century     | CS8957 [PQFP44]             | (1516)     |
| Myson Century     | CS8957H [PLCC44]            | (1517)     |
| Myson Century     | CS8957H [PQFP44]            | (1516)     |
| Myson Century     | CS8958 [LQFP48]             | (1518)     |
| Myson Century     | CS8958H [LQFP48]            | (1518)     |
| Myson Century     | CS8966 [LQFP48]             | (2369)     |
| Myson Century     | CS8966 [PQFP44]             | (2368)     |
| Myson Century     | CS8967 [LQFP48]             | (2369)     |
| Myson Century     | CS8968 [LQFP48]             | (2369)     |
| Myson Century     | MTV212MN32 [PDIP40]         |            |
| Myson Century     | MTV212MN64I [PDIP40]        |            |
| Myson Century     | MTV212MS32 [SDIP42]         | (164)      |
| Myson Century     | MTV212MS64I [SDIP42]        | (164)      |
| Myson Century     | MTV212MV32 [PLCC44]         | (67)       |
| Myson Century     | MTV212MV64I [PLCC44]        | (67)       |
| Myson Century     | MTV230GMF64 [QFP44]         | (108)      |
| Myson Century     | MTV230GMS64 [SDIP42]        | (164)      |
| Myson Century     | MTV230GMV64 [PLCC44]        | (67)       |
| Myson Century     | MTV230MF64 [QFP44]          | (108)      |
| Myson Century     | MTV230MS64 [SDIP42]         | (164)      |
| Myson Century     | MTV230MV64 [PLCC44]         | (67)       |
| Myson Century     | MTV230PMF64 [QFP44]         | (108)      |
| Myson Century     | MTV230PMS64 [SDIP42]        | (164)      |
| Myson Century     | MTV230PMV64 [PLCC44]        | (67)       |
| Myson Century     | MTV312MN64AG [PDIP40]       |            |
| Myson Century     | MTV312MN64AJ [PDIP40]       |            |
| Myson Century     | MTV312MN64TSMC [PDIP40]     |            |
| Myson Century     | MTV312MN64UMC [PDIP40]      |            |
| Myson Century     | MTV312MS64AG [SDIP42]       | (164)      |
| Myson Century     | MTV312MS64AJ [SDIP42]       | (164)      |
| Myson Century     | MTV312MS64TSMC [SDIP42]     | (164)      |
| Myson Century     | MTV312MS64UMC [SDIP42]      | (164)      |
| Myson Century     | MTV312MV64AG [PLCC44]       | (67)       |
| Myson Century     | MTV312MV64AJ [PLCC44]       | (67)       |
| Myson Century     | MTV312MV64TSMC [PLCC44]     | (67)       |
| Myson Century     | MTV312MV64UMC [PLCC44]      | (67)       |
| Myson Century     | MTV412MS128 [SDIP42]        | (164)      |
| Myson Century     | MTV412MV128 [PLCC44]        | (67)       |
| Myson Century     | MTV416GM [LQFP48]           | (174)      |
| Myson Century     | MTV416GM [PLCC44]           | (67)       |
| Myson Century     | MTV416GM [QFP44]            | (108)      |
| Myson Century     | MTV416M [LQFP48]            | (174)      |
| Myson Century     | MTV416M [PLCC44]            | (67)       |
| Myson Century     | MTV416M [QFP44]             | (108)      |
| Myson Century     | MTV416PM [LQFP48]           | (174)      |
| Myson Century     | MTV416PM [PLCC44]           | (67)       |
| Myson Century     | MTV416PM [QFP44]            | (108)      |
| Myson Century     | MTV512GH [LQFP48]           | (174)      |
| Myson Century     | MTV512GH [PDIP40]           |            |
| Myson Century     | MTV512GH [PLCC44]           | (67)       |
| Myson Century     | MTV512GH [QFP44]            | (108)      |
| Myson Century     | MTV512GH [SDIP42]           | (164)      |
| Myson Century     | MTV512GM [LQFP48]           | (174)      |
| Myson Century     | MTV512GM [PDIP40]           |            |
| Myson Century     | MTV512GM [PLCC44]           | (67)       |
| Myson Century     | MTV512GM [QFP44]            | (108)      |
| Myson Century     | MTV512GM [SDIP42]           | (164)      |
| Myson Century     | MTV512M [LQFP48]            | (174)      |
| Myson Century     | MTV512M [PDIP40]            |            |
| Myson Century     | MTV512M [PLCC44]            | (67)       |
| Myson Century     | MTV512M [QFP44]             | (108)      |
| Myson Century     | MTV512M [SDIP42]            | (164)      |
| Myson Century     | MTV512PM [LQFP48]           | (174)      |
| Myson Century     | MTV512PM [PDIP40]           |            |
| Myson Century     | MTV512PM [PLCC44]           | (67)       |
| Myson Century     | MTV512PM [QFP44]            | (108)      |
| Myson Century     | MTV512PM [SDIP42]           | (164)      |
| Myson Technology  | MTV212MN32 [PDIP40]         |            |
| Myson Technology  | MTV212MN64I [PDIP40]        |            |
| Myson Technology  | MTV212MS32 [SDIP42]         | (164)      |
| Myson Technology  | MTV212MS64I [SDIP42]        | (164)      |
| Myson Technology  | MTV212MV32 [PLCC44]         | (67)       |
| Myson Technology  | MTV212MV64I [PLCC44]        | (67)       |
| Myson Technology  | MTV230GMF64 [QFP44]         | (108)      |
| Myson Technology  | MTV230GMS64 [SDIP42]        | (164)      |
| Myson Technology  | MTV230GMV64 [PLCC44]        | (67)       |
| Myson Technology  | MTV230MF64 [QFP44]          | (108)      |
| Myson Technology  | MTV230MS64 [SDIP42]         | (164)      |
| Myson Technology  | MTV230MV64 [PLCC44]         | (67)       |
| Myson Technology  | MTV230PMF64 [QFP44]         | (108)      |
| Myson Technology  | MTV230PMS64 [SDIP42]        | (164)      |
| Myson Technology  | MTV230PMV64 [PLCC44]        | (67)       |
| Myson Technology  | MTV24C08                    |            |
| Myson Technology  | MTV24C08 (ISP)              | (138)      |
| Myson Technology  | MTV24C08 [SO8]              | (950)      |
| Myson Technology  | MTV24C08 [TSSOP8]           | (121)      |
| Myson Technology  | MTV24LC08                   |            |
| Myson Technology  | MTV24LC08 (ISP)             | (138)      |
| Myson Technology  | MTV24LC08 [SO8]             | (950)      |
| Myson Technology  | MTV24LC08 [TSSOP8]          | (121)      |
| Myson Technology  | MTV312MN64AG [PDIP40]       |            |
| Myson Technology  | MTV312MN64AJ [PDIP40]       |            |
| Myson Technology  | MTV312MN64TSMC [PDIP40]     |            |
| Myson Technology  | MTV312MN64UMC [PDIP40]      |            |
| Myson Technology  | MTV312MS64AG [SDIP42]       | (164)      |
| Myson Technology  | MTV312MS64AJ [SDIP42]       | (164)      |
| Myson Technology  | MTV312MS64TSMC [SDIP42]     | (164)      |
| Myson Technology  | MTV312MS64UMC [SDIP42]      | (164)      |
| Myson Technology  | MTV312MV64AG [PLCC44]       | (67)       |
| Myson Technology  | MTV312MV64AJ [PLCC44]       | (67)       |
| Myson Technology  | MTV312MV64TSMC [PLCC44]     | (67)       |
| Myson Technology  | MTV312MV64UMC [PLCC44]      | (67)       |
| Myson Technology  | MTV412MS128 [SDIP42]        | (164)      |
| Myson Technology  | MTV412MV128 [PLCC44]        | (67)       |
| Nantronics Semic. | N25516                      |            |
| Nantronics Semic. | N25516 (ISP)                | (138)      |
| Nantronics Semic. | N25516 [SOIC8-150]          | (3095)(*1) |
| Nantronics Semic. | N25516 [SOIC8-150] (Dual o) | (3095)(*1) |
| Nantronics Semic. | N25516 [SOIC8-200]          | (3088)(*1) |
| Nantronics Semic. | N25516 [SOIC8-200] (Dual o) | (3088)(*1) |
| Nantronics Semic. | N25516 [WSON8]              | (3097)(*1) |
| Nantronics Semic. | N25516 [WSON8] (Dual o)     | (3097)(*1) |
| Nantronics Semic. | N25532                      |            |
| Nantronics Semic. | N25532 (ISP)                | (138)      |
| Nantronics Semic. | N25532 [SOIC16]             | (3101)(*1) |



|                    |                               |             |
|--------------------|-------------------------------|-------------|
| Nantronics Semic.  | N25532 [SOIC16] (Dual o)      | (3101) (*1) |
| Nantronics Semic.  | N25532 [SOIC8]                | (3088) (*1) |
| Nantronics Semic.  | N25532 [SOIC8] (Dual o)       | (3088) (*1) |
| Nantronics Semic.  | N25532 [WSON8]                | (3097) (*1) |
| Nantronics Semic.  | N25532 [WSON8] (Dual o)       | (3097) (*1) |
| Nantronics Semic.  | N25580                        | (138)       |
| Nantronics Semic.  | N25580 (ISP)                  | (3095) (*1) |
| Nantronics Semic.  | N25580 [SOIC8-150]            | (3095) (*1) |
| Nantronics Semic.  | N25580 [SOIC8-150] (Dual o)   | (3088) (*1) |
| Nantronics Semic.  | N25580 [SOIC8-200]            | (3088) (*1) |
| Nantronics Semic.  | N25580 [SOIC8-200] (Dual o)   | (3097) (*1) |
| Nantronics Semic.  | N25580 [WSON8]                | (3097) (*1) |
| Nantronics Semic.  | N25580 [WSON8] (Dual o)       | (3097) (*1) |
| NANYA              | NM1282KSLAXAL-3 [VFBGA162]    | (3366)      |
| National Semicond. | 7002                          |             |
| National Semicond. | 77005MC                       |             |
| National Semicond. | 77007MC                       |             |
| National Semicond. | COP494                        |             |
| National Semicond. | COP494 (ISP)                  | (138)       |
| National Semicond. | COP495                        |             |
| National Semicond. | COP495 (ISP)                  | (138)       |
| National Semicond. | COP87L20CJ                    |             |
| National Semicond. | COP87L20CJ [SOIC28]           | (51)        |
| National Semicond. | COP87L20RJ                    |             |
| National Semicond. | COP87L20RJ [SOIC28]           | (51)        |
| National Semicond. | COP87L22CJ                    |             |
| National Semicond. | COP87L22CJ [SOIC20]           | (119)       |
| National Semicond. | COP87L22RJ                    |             |
| National Semicond. | COP87L22RJ [SOIC20]           | (119)       |
| National Semicond. | COP87L40CJ                    |             |
| National Semicond. | COP87L40CJ [SOIC28]           | (51)        |
| National Semicond. | COP87L40RJ                    |             |
| National Semicond. | COP87L40RJ [SOIC28]           | (51)        |
| National Semicond. | COP87L42CJ                    |             |
| National Semicond. | COP87L42CJ [SOIC20]           | (119)       |
| National Semicond. | COP87L42RJ                    |             |
| National Semicond. | COP87L42RJ [SOIC20]           | (119)       |
| National Semicond. | COP87L84BC [SOIC28]           | (51)        |
| National Semicond. | COP87L84CF                    |             |
| National Semicond. | COP87L84CF [SOIC28]           | (51)        |
| National Semicond. | COP87L84CL                    |             |
| National Semicond. | COP87L84CL [SOIC28]           | (51)        |
| National Semicond. | COP87L84EG                    |             |
| National Semicond. | COP87L84EG [SOIC28]           | (51)        |
| National Semicond. | COP87L84FH                    |             |
| National Semicond. | COP87L84FH [SOIC28]           | (51)        |
| National Semicond. | COP87L84RG                    |             |
| National Semicond. | COP87L84RG [SOIC28]           | (51)        |
| National Semicond. | COP87L88CF                    |             |
| National Semicond. | COP87L88CF [PLCC44]           | (67)        |
| National Semicond. | COP87L88CL                    |             |
| National Semicond. | COP87L88CL [PLCC44]           | (67)        |
| National Semicond. | COP87L88EG                    |             |
| National Semicond. | COP87L88EG [PLCC44]           | (67)        |
| National Semicond. | COP87L88FH                    |             |
| National Semicond. | COP87L88FH [PLCC44]           | (67)        |
| National Semicond. | COP87L88GD [PLCC44]           | (67)        |
| National Semicond. | COP87L88GG                    |             |
| National Semicond. | COP87L88GG [PLCC44]           | (67)        |
| National Semicond. | COP87L88KG                    |             |
| National Semicond. | COP87L88KG [PLCC44]           | (67)        |
| National Semicond. | COP87L88RD [PLCC44]           | (67)        |
| National Semicond. | COP87L88RG                    |             |
| National Semicond. | COP87L88RG [PLCC44]           | (67)        |
| National Semicond. | COP8ACC720                    |             |
| National Semicond. | COP8ACC720 [SOIC20]           | (119)       |
| National Semicond. | COP8ACC728                    |             |
| National Semicond. | COP8ACC728 [SOIC28]           | (51)        |
| National Semicond. | COP8AME9                      |             |
| National Semicond. | COP8AME9 [SOIC28]             | (51)        |
| National Semicond. | COP8ANE9                      |             |
| National Semicond. | COP8ANE9 [SOIC28]             | (51)        |
| National Semicond. | COP8CBE9 [LLP44]              | (886)       |
| National Semicond. | COP8CBE9 [PLCC44]             | (67)        |
| National Semicond. | COP8CBE9 [TSSOP48]            | (860)       |
| National Semicond. | COP8CBE9 (dc<0318) [LLP44]    | (886)       |
| National Semicond. | COP8CBE9 (dc<0318) [PLCC44]   | (67)        |
| National Semicond. | COP8CBE9 (dc<0318) [PLCC68]   | (888)       |
| National Semicond. | COP8CBE9 (dc<0318) [TSSOP48]  | (860)       |
| National Semicond. | COP8CBE9 (dc>=0318) [LLP44]   | (886)       |
| National Semicond. | COP8CBE9 (dc>=0318) [PLCC44]  | (67)        |
| National Semicond. | COP8CBE9 (dc>=0318) [PLCC68]  | (888)       |
| National Semicond. | COP8CBE9 (dc>=0318) [TSSOP48] | (860)       |
| National Semicond. | COP8CCE9 [LLP44]              | (886)       |
| National Semicond. | COP8CCE9 [PLCC44]             | (67)        |
| National Semicond. | COP8CCE9 [TSSOP48]            | (860)       |
| National Semicond. | COP8CCR9 (dc<0318) [LLP44]    | (886)       |
| National Semicond. | COP8CCR9 (dc<0318) [PLCC44]   | (67)        |
| National Semicond. | COP8CCR9 (dc<0318) [PLCC68]   | (888)       |
| National Semicond. | COP8CCR9 (dc<0318) [TSSOP48]  | (860)       |
| National Semicond. | COP8CCR9 (dc>=0318) [LLP44]   | (886)       |
| National Semicond. | COP8CCR9 (dc>=0318) [PLCC44]  | (67)        |
| National Semicond. | COP8CCR9 (dc>=0318) [PLCC68]  | (888)       |
| National Semicond. | COP8CCR9 (dc>=0318) [TSSOP48] | (860)       |
| National Semicond. | COP8CDE9 [LLP44]              | (886)       |
| National Semicond. | COP8CDE9 [PLCC44]             | (67)        |
| National Semicond. | COP8CDE9 [TSSOP48]            | (860)       |
| National Semicond. | COP8CDR9 (dc<0318) [LLP44]    | (886)       |
| National Semicond. | COP8CDR9 (dc<0318) [PLCC44]   | (67)        |
| National Semicond. | COP8CDR9 (dc<0318) [PLCC68]   | (888)       |
| National Semicond. | COP8CDR9 (dc<0318) [TSSOP48]  | (860)       |
| National Semicond. | COP8CDR9 (dc>=0318) [LLP44]   | (886)       |
| National Semicond. | COP8CDR9 (dc>=0318) [PLCC44]  | (67)        |
| National Semicond. | COP8CDR9 (dc>=0318) [PLCC68]  | (888)       |
| National Semicond. | COP8CDR9 (dc>=0318) [TSSOP48] | (860)       |
| National Semicond. | COP8CFE9 [LLP44]              | (886)       |
| National Semicond. | COP8CFE9 [PLCC44]             | (67)        |
| National Semicond. | COP8CFE9 [TSSOP48]            | (860)       |
| National Semicond. | COP8SAA716                    |             |
| National Semicond. | COP8SAA716 [SOIC16]           | (1060)      |
| National Semicond. | COP8SAA720                    |             |
| National Semicond. | COP8SAA720 [SOIC20]           | (119)       |
| National Semicond. | COP8SAA728                    |             |
| National Semicond. | COP8SAA728 [SOIC28]           | (51)        |
| National Semicond. | COP8SAB720                    |             |
| National Semicond. | COP8SAB720 [SOIC20]           | (119)       |
| National Semicond. | COP8SAB728                    |             |
| National Semicond. | COP8SAB728 [SOIC28]           | (51)        |
| National Semicond. | COP8SAC720                    |             |
| National Semicond. | COP8SAC720 [SOIC20]           | (119)       |
| National Semicond. | COP8SAC720Q3                  |             |
| National Semicond. | COP8SAC728                    |             |
| National Semicond. | COP8SAC728 [SOIC28]           | (51)        |
| National Semicond. | COP8SAC728Q3                  |             |
| National Semicond. | COP8SAC740                    |             |
| National Semicond. | COP8SAC740Q3                  |             |
| National Semicond. | COP8SAC744 [PLCC44]           | (67)        |
| National Semicond. | COP8SAC744J3 [PLCC44]         | (67)        |

|          |           |                    |                      |       |
|----------|-----------|--------------------|----------------------|-------|
| National | Semicond. | COP8SBE9           | [LLP44]              | (886) |
| National | Semicond. | COP8SBE9           | [PLCC44]             | (67)  |
| National | Semicond. | COP8SBE9           | [TSSOP48]            | (860) |
| National | Semicond. | COP8SBR9           | (dc<0318) [LLP44]    | (886) |
| National | Semicond. | COP8SBR9           | (dc<0318) [PLCC44]   | (67)  |
| National | Semicond. | COP8SBR9           | (dc<0318) [PLCC68]   | (888) |
| National | Semicond. | COP8SBR9           | (dc<0318) [TSSOP48]  | (860) |
| National | Semicond. | COP8SBR9           | (dc>=0318) [LLP44]   | (886) |
| National | Semicond. | COP8SBR9           | (dc>=0318) [PLCC44]  | (67)  |
| National | Semicond. | COP8SBR9           | (dc>=0318) [PLCC68]  | (888) |
| National | Semicond. | COP8SBR9           | (dc>=0318) [TSSOP48] | (860) |
| National | Semicond. | COP8SCE9           | [LLP44]              | (886) |
| National | Semicond. | COP8SCE9           | [PLCC44]             | (67)  |
| National | Semicond. | COP8SCE9           | [TSSOP48]            | (860) |
| National | Semicond. | COP8SCR9           | (dc<0318) [LLP44]    | (886) |
| National | Semicond. | COP8SCR9           | (dc<0318) [PLCC44]   | (67)  |
| National | Semicond. | COP8SCR9           | (dc<0318) [PLCC68]   | (888) |
| National | Semicond. | COP8SCR9           | (dc<0318) [TSSOP48]  | (860) |
| National | Semicond. | COP8SCR9           | (dc>=0318) [LLP44]   | (886) |
| National | Semicond. | COP8SCR9           | (dc>=0318) [PLCC44]  | (67)  |
| National | Semicond. | COP8SCR9           | (dc>=0318) [PLCC68]  | (888) |
| National | Semicond. | COP8SCR9           | (dc>=0318) [TSSOP48] | (860) |
| National | Semicond. | COP8SDE9           | [LLP44]              | (886) |
| National | Semicond. | COP8SDE9           | [PLCC44]             | (67)  |
| National | Semicond. | COP8SDE9           | [TSSOP48]            | (860) |
| National | Semicond. | COP8SDR9           | (dc<0318) [LLP44]    | (886) |
| National | Semicond. | COP8SDR9           | (dc<0318) [PLCC44]   | (67)  |
| National | Semicond. | COP8SDR9           | (dc<0318) [PLCC68]   | (888) |
| National | Semicond. | COP8SDR9           | (dc<0318) [TSSOP48]  | (860) |
| National | Semicond. | COP8SDR9           | (dc>=0318) [LLP44]   | (886) |
| National | Semicond. | COP8SDR9           | (dc>=0318) [PLCC44]  | (67)  |
| National | Semicond. | COP8SDR9           | (dc>=0318) [PLCC68]  | (888) |
| National | Semicond. | COP8SDR9           | (dc>=0318) [TSSOP48] | (860) |
| National | Semicond. | COP8SGE728         |                      |       |
| National | Semicond. | COP8SGE728         | [SOIC28]             | (51)  |
| National | Semicond. | COP8SGE740         |                      |       |
| National | Semicond. | COP8SGE744         | [PLCC44]             | (67)  |
| National | Semicond. | COP8SGE744         | [PQFP44]             | (94)  |
| National | Semicond. | COP8SGR728         |                      |       |
| National | Semicond. | COP8SGR728         | [SOIC28]             | (51)  |
| National | Semicond. | COP8SGR728Q3       |                      |       |
| National | Semicond. | COP8SGR740         |                      |       |
| National | Semicond. | COP8SGR740Q3       |                      |       |
| National | Semicond. | COP8SGR744         | [PLCC44]             | (67)  |
| National | Semicond. | COP8SGR744         | [PQFP44]             | (94)  |
| National | Semicond. | COP8SGR744Q3       | [PLCC44]             | (67)  |
| National | Semicond. | COP8TAB9           | (ISP)                | (138) |
| National | Semicond. | COP8TAB9           | [BGA49]              | (681) |
| National | Semicond. | COP8TAB9           | [LLP44]              | (886) |
| National | Semicond. | COP8TAB9           | [SOIC20]             | (119) |
| National | Semicond. | COP8TAB9           | [SOIC28]             | (51)  |
| National | Semicond. | COP8TAC9           | (ISP)                | (138) |
| National | Semicond. | COP8TAC9           | [BGA49]              | (681) |
| National | Semicond. | COP8TAC9           | [LLP44]              | (886) |
| National | Semicond. | COP8TAC9           | [SOIC20]             | (119) |
| National | Semicond. | COP8TAC9           | [SOIC28]             | (51)  |
| National | Semicond. | DM54LS471          |                      |       |
| National | Semicond. | DM54S188           |                      |       |
| National | Semicond. | DM54S287           |                      |       |
| National | Semicond. | DM54S288           |                      |       |
| National | Semicond. | DM54S387           |                      |       |
| National | Semicond. | DM54S470           |                      |       |
| National | Semicond. | DM54S471           |                      |       |
| National | Semicond. | DM54S472           |                      |       |
| National | Semicond. | DM54S472A          |                      |       |
| National | Semicond. | DM54S472B          |                      |       |
| National | Semicond. | DM54S473           |                      |       |
| National | Semicond. | DM54S474           |                      |       |
| National | Semicond. | DM54S474A          |                      |       |
| National | Semicond. | DM54S474B          |                      |       |
| National | Semicond. | DM54S475           |                      |       |
| National | Semicond. | DM54S570           |                      |       |
| National | Semicond. | DM54S571           |                      |       |
| National | Semicond. | DM54S572           |                      |       |
| National | Semicond. | DM54S573           |                      |       |
| National | Semicond. | DM74LS471          |                      |       |
| National | Semicond. | DM74S188           |                      |       |
| National | Semicond. | DM74S287           |                      |       |
| National | Semicond. | DM74S288           |                      |       |
| National | Semicond. | DM74S387           |                      |       |
| National | Semicond. | DM74S470           |                      |       |
| National | Semicond. | DM74S471           |                      |       |
| National | Semicond. | DM74S472           |                      |       |
| National | Semicond. | DM74S472A          |                      |       |
| National | Semicond. | DM74S472B          |                      |       |
| National | Semicond. | DM74S473           |                      |       |
| National | Semicond. | DM74S473A          |                      |       |
| National | Semicond. | DM74S474           |                      |       |
| National | Semicond. | DM74S474A          |                      |       |
| National | Semicond. | DM74S474B          |                      |       |
| National | Semicond. | DM74S475           |                      |       |
| National | Semicond. | DM74S475A          |                      |       |
| National | Semicond. | DM74S570           |                      |       |
| National | Semicond. | DM74S571           |                      |       |
| National | Semicond. | DM74S572           |                      |       |
| National | Semicond. | DM74S573           |                      |       |
| National | Semicond. | DM77LS181          |                      |       |
| National | Semicond. | DM77S180           |                      |       |
| National | Semicond. | DM77S181           |                      |       |
| National | Semicond. | DM77S184           |                      |       |
| National | Semicond. | DM77S185           |                      |       |
| National | Semicond. | DM77S190           |                      |       |
| National | Semicond. | DM77S191           |                      |       |
| National | Semicond. | DM77S195           |                      |       |
| National | Semicond. | DM77S280           |                      |       |
| National | Semicond. | DM77S281           |                      |       |
| National | Semicond. | DM77S290           |                      |       |
| National | Semicond. | DM77S291           |                      |       |
| National | Semicond. | DM77S321           |                      |       |
| National | Semicond. | DM77S421           |                      |       |
| National | Semicond. | DM87LS181          |                      |       |
| National | Semicond. | DM87S180           |                      |       |
| National | Semicond. | DM87S181           |                      |       |
| National | Semicond. | DM87S184           |                      |       |
| National | Semicond. | DM87S185           |                      |       |
| National | Semicond. | DM87S190           |                      |       |
| National | Semicond. | DM87S191           |                      |       |
| National | Semicond. | DM87S195           |                      |       |
| National | Semicond. | DM87S280           |                      |       |
| National | Semicond. | DM87S281           |                      |       |
| National | Semicond. | DM87S290           |                      |       |
| National | Semicond. | DM87S291           |                      |       |
| National | Semicond. | DM87S321           |                      |       |
| National | Semicond. | DM87S421           |                      |       |
| National | Semicond. | GAL16V8            |                      |       |
| National | Semicond. | GAL16V8            | [PLCC20]             | (47)  |
| National | Semicond. | GAL16V8 as PAL10H8 |                      |       |
| National | Semicond. | GAL16V8 as PAL10H8 | [PLCC20]             | (47)  |

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|----------|-----------|------------------------------|-------|
| National | Semicond. | GAL20V8 as PAL20RP8          |       |
| National | Semicond. | GAL20V8 as PAL20RP8[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A                     |       |
| National | Semicond. | GAL20V8A [PLCC28]            | (48)  |
| National | Semicond. | GAL20V8A as PAL14H8          |       |
| National | Semicond. | GAL20V8A as PAL14H8[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL14L8          |       |
| National | Semicond. | GAL20V8A as PAL14L8[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL14P8          |       |
| National | Semicond. | GAL20V8A as PAL14P8[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL16H6          |       |
| National | Semicond. | GAL20V8A as PAL16H6[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL16L6          |       |
| National | Semicond. | GAL20V8A as PAL16L6[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL16P6          |       |
| National | Semicond. | GAL20V8A as PAL16P6[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL18H4          |       |
| National | Semicond. | GAL20V8A as PAL18H4[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL18L4          |       |
| National | Semicond. | GAL20V8A as PAL18L4[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL18P4          |       |
| National | Semicond. | GAL20V8A as PAL18P4[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL20H2          |       |
| National | Semicond. | GAL20V8A as PAL20H2[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL20H8          |       |
| National | Semicond. | GAL20V8A as PAL20H8[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL20L2          |       |
| National | Semicond. | GAL20V8A as PAL20L2[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL20L8          |       |
| National | Semicond. | GAL20V8A as PAL20L8[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL20P2          |       |
| National | Semicond. | GAL20V8A as PAL20P2[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL20P8          |       |
| National | Semicond. | GAL20V8A as PAL20P8[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL20R4          |       |
| National | Semicond. | GAL20V8A as PAL20R4[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL20R6          |       |
| National | Semicond. | GAL20V8A as PAL20R6[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL20R8          |       |
| National | Semicond. | GAL20V8A as PAL20R8[PLCC28]  | (48)  |
| National | Semicond. | GAL20V8A as PAL20RP4         |       |
| National | Semicond. | GAL20V8A as PAL20RP4[PLCC28] | (48)  |
| National | Semicond. | GAL20V8A as PAL20RP6         |       |
| National | Semicond. | GAL20V8A as PAL20RP6[PLCC28] | (48)  |
| National | Semicond. | GAL20V8A as PAL20RP8         |       |
| National | Semicond. | GAL20V8A as PAL20RP8[PLCC28] | (48)  |
| National | Semicond. | GAL22V10                     |       |
| National | Semicond. | GAL22V10 [PLCC28]            | (48)  |
| National | Semicond. | GAL6001                      |       |
| National | Semicond. | GAL6001 [PLCC28]             | (48)  |
| National | Semicond. | INS8048                      |       |
| National | Semicond. | INS8049                      |       |
| National | Semicond. | INS8050                      |       |
| National | Semicond. | LM3549 [LLP24]               | (731) |
| National | Semicond. | MM2708                       | (2)   |
| National | Semicond. | MM2716                       |       |
| National | Semicond. | MM2758A                      |       |
| National | Semicond. | MM2758B                      |       |
| National | Semicond. | NM24C01                      |       |
| National | Semicond. | NM24C01 (ISP)                | (138) |
| National | Semicond. | NM24C01 [SOIC8]              | (950) |
| National | Semicond. | NM24C01 [TSSOP8]             | (121) |
| National | Semicond. | NM24C02                      |       |
| National | Semicond. | NM24C02 (ISP)                | (138) |
| National | Semicond. | NM24C02 [SOIC8]              | (950) |
| National | Semicond. | NM24C02 [TSSOP8]             | (121) |
| National | Semicond. | NM24C03                      |       |
| National | Semicond. | NM24C03 (ISP)                | (138) |
| National | Semicond. | NM24C03 [SOIC8]              | (950) |
| National | Semicond. | NM24C03 [TSSOP8]             | (121) |
| National | Semicond. | NM24C04                      |       |
| National | Semicond. | NM24C04 (ISP)                | (138) |
| National | Semicond. | NM24C04 [SOIC8]              | (950) |
| National | Semicond. | NM24C04 [TSSOP8]             | (121) |
| National | Semicond. | NM24C05                      |       |
| National | Semicond. | NM24C05 (ISP)                | (138) |
| National | Semicond. | NM24C05 [SOIC8]              | (950) |
| National | Semicond. | NM24C05 [TSSOP8]             | (121) |
| National | Semicond. | NM24C08                      |       |
| National | Semicond. | NM24C08 (ISP)                | (138) |
| National | Semicond. | NM24C08 [SOIC8]              | (950) |
| National | Semicond. | NM24C08 [TSSOP8]             | (121) |
| National | Semicond. | NM24C09                      |       |
| National | Semicond. | NM24C09 (ISP)                | (138) |
| National | Semicond. | NM24C09 [SOIC8]              | (950) |
| National | Semicond. | NM24C09 [TSSOP8]             | (121) |
| National | Semicond. | NM24C16                      |       |
| National | Semicond. | NM24C16 (ISP)                | (138) |
| National | Semicond. | NM24C16 [SOIC8]              | (950) |
| National | Semicond. | NM24C16 [TSSOP8]             | (121) |
| National | Semicond. | NM24C17                      |       |
| National | Semicond. | NM24C17 (ISP)                | (138) |
| National | Semicond. | NM24C17 [SOIC8]              | (950) |
| National | Semicond. | NM24C17 [TSSOP8]             | (121) |
| National | Semicond. | NM24C32                      |       |
| National | Semicond. | NM24C32 (ISP)                | (138) |
| National | Semicond. | NM24C32 [SOIC8]              | (950) |
| National | Semicond. | NM24C32 [TSSOP8]             | (121) |
| National | Semicond. | NM24C32F (ISP)               | (138) |
| National | Semicond. | NM24C32U (ISP)               | (138) |
| National | Semicond. | NM24C65                      |       |
| National | Semicond. | NM24C65 (ISP)                | (138) |
| National | Semicond. | NM24C65 [SOIC8]              | (950) |
| National | Semicond. | NM24C65 [TSSOP8]             | (121) |
| National | Semicond. | NM24C65F (ISP)               | (138) |
| National | Semicond. | NM24C65U (ISP)               | (138) |
| National | Semicond. | NM25C020                     |       |
| National | Semicond. | NM25C020 (ISP)               | (138) |
| National | Semicond. | NM25C020 [SOIC8]             | (950) |
| National | Semicond. | NM25C020 [TSSOP8]            | (121) |
| National | Semicond. | NM25C04                      |       |
| National | Semicond. | NM25C04 (ISP)                | (138) |
| National | Semicond. | NM25C04 [SOIC8]              | (950) |
| National | Semicond. | NM25C040                     |       |
| National | Semicond. | NM25C040 (ISP)               | (138) |
| National | Semicond. | NM25C040 [SOIC8]             | (950) |
| National | Semicond. | NM25C040 [TSSOP8]            | (121) |
| National | Semicond. | NM25C041                     |       |
| National | Semicond. | NM25C041 (ISP)               | (138) |
| National | Semicond. | NM25C041 [SOIC8]             | (950) |
| National | Semicond. | NM25C160                     |       |
| National | Semicond. | NM25C160 (ISP)               | (138) |
| National | Semicond. | NM25C160 [SOIC8]             | (950) |
| National | Semicond. | NM25C160 [TSSOP8]            | (121) |
| National | Semicond. | NM25C640                     |       |
| National | Semicond. | NM25C640 (ISP)               | (138) |
| National | Semicond. | NM25C640 [SOIC8]             | (950) |
| National | Semicond. | NM27C010                     |       |

|          |           |            |                |       |
|----------|-----------|------------|----------------|-------|
| National | Semicond. | NM27C010   | [PLCC32]       | (59)  |
| National | Semicond. | NM27C010   | [TSOP32]       | (655) |
| National | Semicond. | NM27C020   |                |       |
| National | Semicond. | NM27C020   | [PLCC32]       | (59)  |
| National | Semicond. | NM27C040   |                |       |
| National | Semicond. | NM27C040   | [PLCC32]       | (59)  |
| National | Semicond. | NM27C1024  |                |       |
| National | Semicond. | NM27C1024  | [PLCC44]       | (67)  |
| National | Semicond. | NM27C128   |                |       |
| National | Semicond. | NM27C128   | [PLCC32]       | (59)  |
| National | Semicond. | NM27C210   |                |       |
| National | Semicond. | NM27C210   | [PLCC44]       | (67)  |
| National | Semicond. | NM27C240   |                |       |
| National | Semicond. | NM27C240   | [PLCC44]       | (67)  |
| National | Semicond. | NM27C256   |                |       |
| National | Semicond. | NM27C256   | [PLCC32]       | (59)  |
| National | Semicond. | NM27C512   |                |       |
| National | Semicond. | NM27C512   | [PLCC32]       | (59)  |
| National | Semicond. | NM27LC256  |                |       |
| National | Semicond. | NM27LC256  | [PLCC32]       | (59)  |
| National | Semicond. | NM27LC512  |                |       |
| National | Semicond. | NM27LC512  | [PLCC32]       | (59)  |
| National | Semicond. | NM27LC64   |                |       |
| National | Semicond. | NM27LV010  |                |       |
| National | Semicond. | NM27LV010  | [PLCC32]       | (59)  |
| National | Semicond. | NM27LV010  | [TSOP32]       | (655) |
| National | Semicond. | NM27LV010B |                |       |
| National | Semicond. | NM27LV010B | [PLCC32]       | (59)  |
| National | Semicond. | NM27LV010B | [TSOP32]       | (655) |
| National | Semicond. | NM27LV210  | [PLCC44]       | (67)  |
| National | Semicond. | NM27LV210  | [TQFP44]       | (94)  |
| National | Semicond. | NM27LV512  |                |       |
| National | Semicond. | NM27LV512  | [PLCC32]       | (59)  |
| National | Semicond. | NM27P040   |                |       |
| National | Semicond. | NM27P040   | [PLCC32]       | (59)  |
| National | Semicond. | NM27P210   |                |       |
| National | Semicond. | NM27P210   | [PLCC44]       | (67)  |
| National | Semicond. | NM27P240   |                |       |
| National | Semicond. | NM27P240   | [PLCC44]       | (67)  |
| National | Semicond. | NM27P512   |                |       |
| National | Semicond. | NM27P512   | [PLCC32]       | (59)  |
| National | Semicond. | NM28C64/A  |                |       |
| National | Semicond. | NM28C64/A  | [TSOP28]       | (54)  |
| National | Semicond. | NM28C64L   |                |       |
| National | Semicond. | NM28C64L   | [TSOP28]       | (54)  |
| National | Semicond. | NM93C06    |                |       |
| National | Semicond. | NM93C06    | (ISP)          | (138) |
| National | Semicond. | NM93C06    | [SOIC8]        | (950) |
| National | Semicond. | NM93C06    | [TSSOP8]       | (121) |
| National | Semicond. | NM93C06L   |                |       |
| National | Semicond. | NM93C06L   | (ISP)          | (138) |
| National | Semicond. | NM93C06L   | [SOIC8]        | (950) |
| National | Semicond. | NM93C06L   | [TSSOP8]       | (121) |
| National | Semicond. | NM93C13    |                |       |
| National | Semicond. | NM93C13    | (ISP)          | (138) |
| National | Semicond. | NM93C13    | [SOIC8]        | (950) |
| National | Semicond. | NM93C14    |                |       |
| National | Semicond. | NM93C14    | (ISP)          | (138) |
| National | Semicond. | NM93C14    | [SOIC8]        | (950) |
| National | Semicond. | NM93C46    |                |       |
| National | Semicond. | NM93C46    | (ISP)          | (138) |
| National | Semicond. | NM93C46    | [SOIC8]        | (950) |
| National | Semicond. | NM93C46    | [TSSOP8]       | (121) |
| National | Semicond. | NM93C46L   |                |       |
| National | Semicond. | NM93C46L   | (ISP)          | (138) |
| National | Semicond. | NM93C46L   | [SOIC8]        | (950) |
| National | Semicond. | NM93C46L   | [TSSOP8]       | (121) |
| National | Semicond. | NM93C56    |                |       |
| National | Semicond. | NM93C56    | (ISP)          | (138) |
| National | Semicond. | NM93C56    | [SOIC8]        | (950) |
| National | Semicond. | NM93C56    | [TSSOP8]       | (121) |
| National | Semicond. | NM93C56A   | (x16)          |       |
| National | Semicond. | NM93C56A   | (x16) (ISP)    | (138) |
| National | Semicond. | NM93C56A   | (x16) [SO8]    | (950) |
| National | Semicond. | NM93C56A   | (x16) [TSSOP8] | (121) |
| National | Semicond. | NM93C56A   | (x8)           |       |
| National | Semicond. | NM93C56A   | (x8) (ISP)     | (138) |
| National | Semicond. | NM93C56A   | (x8) [SO8]     | (950) |
| National | Semicond. | NM93C56A   | (x8) [TSSOP8]  | (121) |
| National | Semicond. | NM93C56L   |                |       |
| National | Semicond. | NM93C56L   | (ISP)          | (138) |
| National | Semicond. | NM93C56L   | [SOIC8]        | (950) |
| National | Semicond. | NM93C56L   | [TSSOP8]       | (121) |
| National | Semicond. | NM93C66    |                |       |
| National | Semicond. | NM93C66    | (ISP)          | (138) |
| National | Semicond. | NM93C66    | [SOIC8]        | (950) |
| National | Semicond. | NM93C66    | [TSSOP8]       | (121) |
| National | Semicond. | NM93C66A   | (x16)          |       |
| National | Semicond. | NM93C66A   | (x16) (ISP)    | (138) |
| National | Semicond. | NM93C66A   | (x16) [SO8]    | (950) |
| National | Semicond. | NM93C66A   | (x16) [TSSOP8] | (121) |
| National | Semicond. | NM93C66A   | (x8)           |       |
| National | Semicond. | NM93C66A   | (x8) (ISP)     | (138) |
| National | Semicond. | NM93C66A   | (x8) [SO8]     | (950) |
| National | Semicond. | NM93C66A   | (x8) [TSSOP8]  | (121) |
| National | Semicond. | NM93C66L   |                |       |
| National | Semicond. | NM93C66L   | (ISP)          | (138) |
| National | Semicond. | NM93C66L   | [SOIC8]        | (950) |
| National | Semicond. | NM93C66L   | [TSSOP8]       | (121) |
| National | Semicond. | NM93C86A   |                |       |
| National | Semicond. | NM93C86A   | (ISP)          | (138) |
| National | Semicond. | NM93C86A   | (x8)           |       |
| National | Semicond. | NM93C86A   | (x8) (ISP)     | (138) |
| National | Semicond. | NM93C86A   | (x8) [SOIC8]   | (950) |
| National | Semicond. | NM93C86A   | (x8) [TSSOP8]  | (121) |
| National | Semicond. | NM93C86A   | [SOIC8]        | (950) |
| National | Semicond. | NM93C86A   | [TSSOP8]       | (121) |
| National | Semicond. | NM93CS06   |                |       |
| National | Semicond. | NM93CS06   | (ISP)          | (138) |
| National | Semicond. | NM93CS06   | [SOIC8]        | (950) |
| National | Semicond. | NM93CS06   | [TSSOP8]       | (121) |
| National | Semicond. | NM93CS46   |                |       |
| National | Semicond. | NM93CS46   | (ISP)          | (138) |
| National | Semicond. | NM93CS46   | [SOIC8]        | (950) |
| National | Semicond. | NM93CS46   | [TSSOP8]       | (121) |
| National | Semicond. | NM93CS56   |                |       |
| National | Semicond. | NM93CS56   | (ISP)          | (138) |
| National | Semicond. | NM93CS56   | [SOIC8]        | (950) |
| National | Semicond. | NM93CS56   | [TSSOP8]       | (121) |
| National | Semicond. | NM93CS66   |                |       |
| National | Semicond. | NM93CS66   | (ISP)          | (138) |
| National | Semicond. | NM93CS66   | [SOIC14]       | (951) |
| National | Semicond. | NM93CS66   | [SOIC8]        | (950) |
| National | Semicond. | NM93CS66   | [TSSOP8]       | (121) |
| National | Semicond. | NM93S06    |                |       |
| National | Semicond. | NM93S46    |                |       |
| National | Semicond. | NM93S56    |                |       |
| National | Semicond. | NM93S66    |                |       |

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|----------|-----------|------------------|-----------------|
| National | Semicond. | NMC2532          |                 |
| National | Semicond. | NMC2716          |                 |
| National | Semicond. | NMC27C010        |                 |
| National | Semicond. | NMC27C010        | [PLCC32] (59)   |
| National | Semicond. | NMC27C020        |                 |
| National | Semicond. | NMC27C020        | [PLCC32] (59)   |
| National | Semicond. | NMC27C1023       |                 |
| National | Semicond. | NMC27C1023       | [PLCC32] (59)   |
| National | Semicond. | NMC27C1024       |                 |
| National | Semicond. | NMC27C1024       | [PLCC44] (67)   |
| National | Semicond. | NMC27C128        |                 |
| National | Semicond. | NMC27C128B       |                 |
| National | Semicond. | NMC27C128C       |                 |
| National | Semicond. | NMC27C16         |                 |
| National | Semicond. | NMC27C16B        |                 |
| National | Semicond. | NMC27C16H        |                 |
| National | Semicond. | NMC27C2048       |                 |
| National | Semicond. | NMC27C2048       | [PLCC44] (67)   |
| National | Semicond. | NMC27C256        |                 |
| National | Semicond. | NMC27C256        | [PLCC32] (59)   |
| National | Semicond. | NMC27C256B       |                 |
| National | Semicond. | NMC27C256B       | [PLCC32] (59)   |
| National | Semicond. | NMC27C32         |                 |
| National | Semicond. | NMC27C32B        |                 |
| National | Semicond. | NMC27C32H        |                 |
| National | Semicond. | NMC27C512        |                 |
| National | Semicond. | NMC27C512        | [PLCC32] (59)   |
| National | Semicond. | NMC27C512A       |                 |
| National | Semicond. | NMC27C64         |                 |
| National | Semicond. | NMC27CP128       |                 |
| National | Semicond. | NMC87C257        |                 |
| National | Semicond. | NMC87C257        | [PLCC32] (59)   |
| National | Semicond. | NMC9306          |                 |
| National | Semicond. | NMC9306          | (ISP) (138)     |
| National | Semicond. | NMC9306          | [SOIC8] (950)   |
| National | Semicond. | NMC9307          |                 |
| National | Semicond. | NMC9307          | (ISP) (138)     |
| National | Semicond. | NMC9307          | [SOIC14] (951)  |
| National | Semicond. | NMC9313B         |                 |
| National | Semicond. | NMC9313B         | (ISP) (138)     |
| National | Semicond. | NMC9314B         |                 |
| National | Semicond. | NMC9314B         | (ISP) (138)     |
| National | Semicond. | NMC9345          |                 |
| National | Semicond. | NMC9345          | (ISP) (138)     |
| National | Semicond. | NMC9345          | [SOIC14] (951)  |
| National | Semicond. | NMC9346          |                 |
| National | Semicond. | NMC9346          | (ISP) (138)     |
| National | Semicond. | NMC9346          | [SOIC14] (951)  |
| National | Semicond. | NMC93C06         |                 |
| National | Semicond. | NMC93C06         | (ISP) (138)     |
| National | Semicond. | NMC93C06         | [SOIC14] (951)  |
| National | Semicond. | NMC93C26         |                 |
| National | Semicond. | NMC93C26         | (ISP) (138)     |
| National | Semicond. | NMC93C26         | [SOIC14] (951)  |
| National | Semicond. | NMC93C46         |                 |
| National | Semicond. | NMC93C46         | (ISP) (138)     |
| National | Semicond. | NMC93C46         | [SOIC14] (951)  |
| National | Semicond. | NMC93C56         |                 |
| National | Semicond. | NMC93C56         | (ISP) (138)     |
| National | Semicond. | NMC93C56         | [SOIC14] (951)  |
| National | Semicond. | NMC93C66         |                 |
| National | Semicond. | NMC93C66         | (ISP) (138)     |
| National | Semicond. | NMC93C66         | [SOIC14] (951)  |
| National | Semicond. | NMC93CS06        |                 |
| National | Semicond. | NMC93CS06        | (ISP) (138)     |
| National | Semicond. | NMC93CS06        | [SOIC14] (951)  |
| National | Semicond. | NMC93CS26        |                 |
| National | Semicond. | NMC93CS26        | (ISP) (138)     |
| National | Semicond. | NMC93CS26        | [SOIC14] (951)  |
| National | Semicond. | NMC93CS46        |                 |
| National | Semicond. | NMC93CS46        | (ISP) (138)     |
| National | Semicond. | NMC93CS46        | [SOIC14] (951)  |
| National | Semicond. | NMC93CS56        |                 |
| National | Semicond. | NMC93CS56        | (ISP) (138)     |
| National | Semicond. | NMC93CS56        | [SOIC14] (951)  |
| National | Semicond. | NMC93CS66        |                 |
| National | Semicond. | NMC93CS66        | (ISP) (138)     |
| National | Semicond. | NMC93CS66        | [SOIC14] (951)  |
| National | Semicond. | NMC9816A         |                 |
| National | Semicond. | NMC98C64         |                 |
| NCR      |           | NCR59306         |                 |
| NCR      |           | NCR59306         | (ISP) (138)     |
| NCR      |           | NCR59308         |                 |
| NCR      |           | NCR59308         | (ISP) (138)     |
| NEC      |           | 8755A            |                 |
| NEC      |           | D8741A           |                 |
| NEC      |           | PD29F008Lxx-xxxB | [TSOP40] (1368) |
| NEC      |           | PD29F008Lxx-xxxT | [TSOP40] (1368) |
| NEC      |           | uPD17P149        | [SDIP28] (175)  |
| NEC      |           | uPD2364A         |                 |
| NEC      |           | uPD23C1000A      |                 |
| NEC      |           | uPD27128         |                 |
| NEC      |           | uPD2716          |                 |
| NEC      |           | uPD27256         |                 |
| NEC      |           | uPD27256A        |                 |
| NEC      |           | uPD2732          |                 |
| NEC      |           | uPD2732A         |                 |
| NEC      |           | uPD27512         |                 |
| NEC      |           | uPD2764          |                 |
| NEC      |           | uPD27C1000       |                 |
| NEC      |           | uPD27C1000A      |                 |
| NEC      |           | uPD27C1001       |                 |
| NEC      |           | uPD27C1001A      |                 |
| NEC      |           | uPD27C1001A      | [SOP32] (98)    |
| NEC      |           | uPD27C1024       |                 |
| NEC      |           | uPD27C1024A      |                 |
| NEC      |           | uPD27C128        |                 |
| NEC      |           | uPD27C128A       |                 |
| NEC      |           | uPD27C2001       |                 |
| NEC      |           | uPD27C2001       | [SOP32] (98)    |
| NEC      |           | uPD27C256        |                 |
| NEC      |           | uPD27C256A       |                 |
| NEC      |           | uPD27C256A       | [SOIC28] (53)   |
| NEC      |           | uPD27C4000       |                 |
| NEC      |           | uPD27C4000       | [SOP40] (98)    |
| NEC      |           | uPD27C4001       |                 |
| NEC      |           | uPD27C4096       |                 |
| NEC      |           | uPD27C512        |                 |
| NEC      |           | uPD27C512        | [SOIC28] (53)   |
| NEC      |           | uPD27C64         |                 |
| NEC      |           | uPD27C64A        |                 |
| NEC      |           | uPD27C8000       |                 |
| NEC      |           | uPD27C8000       | [PSOP44] (65)   |
| NEC      |           | uPD27C8001       |                 |
| NEC      |           | uPD2804          |                 |
| NEC      |           | uPD28C256        |                 |
| NEC      |           | uPD28C64         |                 |
| NEC      |           | uPD28C64         | [SOIC28] (53)   |

|     |                            |        |
|-----|----------------------------|--------|
| NEC | uPD28C64A                  |        |
| NEC | uPD28C64A [SOIC28]         | (53)   |
| NEC | uPD28C64A [TSOP32]         | (1485) |
| NEC | uPD29F032202-AB [TSOP48]   | (1346) |
| NEC | uPD29F032202-AT [TSOP48]   | (1346) |
| NEC | uPD29F032202-BB [TSOP48]   | (1346) |
| NEC | uPD29F032202-BT [TSOP48]   | (1346) |
| NEC | uPD29F032203-AB [TSOP48]   | (1346) |
| NEC | uPD29F032203-AT [TSOP48]   | (1346) |
| NEC | uPD29F032203-BB [TSOP48]   | (1346) |
| NEC | uPD29F032203-BT [TSOP48]   | (1346) |
| NEC | uPD29F032204-AB [TSOP48]   | (1346) |
| NEC | uPD29F032204-AT [TSOP48]   | (1346) |
| NEC | uPD29F032204-BB [TSOP48]   | (1346) |
| NEC | uPD29F032204-BT [TSOP48]   | (1346) |
| NEC | uPD6252                    |        |
| NEC | uPD6253                    |        |
| NEC | uPD6254                    |        |
| NEC | uPD70F3017A (ISP-SPI)      | (138)  |
| NEC | uPD70F3017A [LQFP100]      | (569)  |
| NEC | uPD70F3025A (ISP-SPI)      | (138)  |
| NEC | uPD70F3025A [LQFP100]      | (1418) |
| NEC | uPD70F3033A (ISP-SPI)      | (138)  |
| NEC | uPD70F3033A [LQFP100]      | (569)  |
| NEC | uPD70F3033AY (ISP-SPI)     | (138)  |
| NEC | uPD70F3033AY [LQFP100]     | (569)  |
| NEC | uPD70F3033B (ISP-SPI)      | (138)  |
| NEC | uPD70F3033B [LQFP100]      | (569)  |
| NEC | uPD70F3033BY (ISP-SPI)     | (138)  |
| NEC | uPD70F3033BY [LQFP100]     | (569)  |
| NEC | uPD70F3079A (ISP-SPI)      | (138)  |
| NEC | uPD70F3079A [LQFP100]      | (649)  |
| NEC | uPD70F3079AY (ISP-SPI)     | (138)  |
| NEC | uPD70F3079AY [LQFP100]     | (649)  |
| NEC | uPD70F3079BY (ISP-SPI)     | (138)  |
| NEC | uPD70F3079BY [LQFP100]     | (649)  |
| NEC | uPD70F3079Y (ISP-SPI)      | (138)  |
| NEC | uPD70F3079Y [LQFP100]      | (649)  |
| NEC | uPD70F3107 [LQFP144]       | (3009) |
| NEC | uPD70F3114 (ISP-SPI)       | (138)  |
| NEC | uPD70F3114 [LQFP100]       | (524)  |
| NEC | uPD70F3116 [LQFP144]       | (3834) |
| NEC | uPD70F3186 [QFP100]        | (1419) |
| NEC | uPD70F3210 [QFP80]         | (1033) |
| NEC | uPD70F3210 [TQFP80]        | (1032) |
| NEC | uPD70F3210Y [QFP80]        | (1033) |
| NEC | uPD70F3210Y [TQFP80]       | (1032) |
| NEC | uPD70F3214 (ISP-SPI)       | (138)  |
| NEC | uPD70F3214 [LQFP100]       | (524)  |
| NEC | uPD70F3214Y (ISP-SPI)      | (138)  |
| NEC | uPD70F3214Y [LQFP100]      | (524)  |
| NEC | uPD70F3231 [LQFP64]        | (1119) |
| NEC | uPD70F3232 [TQFP80]        | (2130) |
| NEC | uPD70F3233 [TQFP80]        | (2130) |
| NEC | uPD70F3234 (ISP-SPI)       | (138)  |
| NEC | uPD70F3234 [LQFP100]       | (1197) |
| NEC | uPD70F3235 (ISP-SPI)       | (138)  |
| NEC | uPD70F3235 [LQFP100]       | (1197) |
| NEC | uPD70F3236 (ISP-SPI)       | (138)  |
| NEC | uPD70F3236 [LQFP100]       | (1197) |
| NEC | uPD70F3261 [LQFP100]       | (524)  |
| NEC | uPD70F3261Y [LQFP100]      | (524)  |
| NEC | uPD70F3263 [LQFP100]       | (524)  |
| NEC | uPD70F3263Y [LQFP100]      | (524)  |
| NEC | uPD70F3271 [LQFP100]       | (524)  |
| NEC | uPD70F3271Y [LQFP100]      | (524)  |
| NEC | uPD70F3273 [LQFP100]       | (524)  |
| NEC | uPD70F3273Y [LQFP100]      | (524)  |
| NEC | uPD70F3281 [LQFP100]       | (524)  |
| NEC | uPD70F3281Y [LQFP100]      | (524)  |
| NEC | uPD70F3283 [LQFP100]       | (524)  |
| NEC | uPD70F3283Y [LQFP100]      | (524)  |
| NEC | uPD70F3306 (ISP-SPI)       | (138)  |
| NEC | uPD70F3306 [QFP80]         | (1033) |
| NEC | uPD70F3306 [TQFP80]        | (1032) |
| NEC | uPD70F3306Y (ISP-SPI)      | (138)  |
| NEC | uPD70F3306Y [QFP80]        | (1033) |
| NEC | uPD70F3306Y [TQFP80]       | (1032) |
| NEC | uPD70F3308 (ISP-SPI)       | (138)  |
| NEC | uPD70F3308 [QFP80]         | (1033) |
| NEC | uPD70F3308 [TQFP80]        | (1032) |
| NEC | uPD70F3308Y (ISP-SPI)      | (138)  |
| NEC | uPD70F3308Y [QFP80]        | (1033) |
| NEC | uPD70F3308Y [TQFP80]       | (1032) |
| NEC | uPD70F3333 [LQFP100]       | (1435) |
| NEC | uPD70F3334 [LQFP100]       | (1435) |
| NEC | uPD70F3335 [LQFP100]       | (1435) |
| NEC | uPD70F3336 [LQFP100]       | (1435) |
| NEC | uPD70F3344 (ISP-SPI)       | (138)  |
| NEC | uPD70F3344 [LQFP144]       | (1215) |
| NEC | uPD70F3345 (ISP-SPI)       | (138)  |
| NEC | uPD70F3345 [LQFP144]       | (1215) |
| NEC | uPD70F3346 (ISP-SPI)       | (138)  |
| NEC | uPD70F3346 [LQFP144]       | (1215) |
| NEC | uPD70F3347 (ISP-SPI)       | (138)  |
| NEC | uPD70F3347 [LQFP144]       | (1215) |
| NEC | uPD70F3348 (ISP-SPI)       | (138)  |
| NEC | uPD70F3348 [LQFP144]       | (1215) |
| NEC | uPD70F3354 (ISP-SPI)       | (138)  |
| NEC | uPD70F3354 [LQFP144]       | (1215) |
| NEC | uPD70F3355 (ISP-SPI)       | (138)  |
| NEC | uPD70F3355 [LQFP144]       | (1215) |
| NEC | uPD70F3356 (ISP-SPI)       | (138)  |
| NEC | uPD70F3356 [LQFP144]       | (1215) |
| NEC | uPD70F3357 (ISP-SPI)       | (138)  |
| NEC | uPD70F3357 [LQFP144]       | (1215) |
| NEC | uPD70F3358 (ISP-SPI)       | (138)  |
| NEC | uPD70F3358 [LQFP144]       | (1215) |
| NEC | uPD70F3364 (ISP-SPI)       | (138)  |
| NEC | uPD70F3364 [LQFP144]       | (1215) |
| NEC | uPD70F3365 (ISP-SPI)       | (138)  |
| NEC | uPD70F3365 [LQFP144]       | (1215) |
| NEC | uPD70F3366 (ISP-SPI)       | (138)  |
| NEC | uPD70F3366 [LQFP144]       | (1215) |
| NEC | uPD70F3367 (ISP-SPI)       | (138)  |
| NEC | uPD70F3367 [LQFP144]       | (1215) |
| NEC | uPD70F3368 (ISP-SPI)       | (138)  |
| NEC | uPD70F3368 [LQFP144]       | (1215) |
| NEC | uPD70F3370A (ISP-SPI)      | (138)  |
| NEC | uPD70F3370A [LQFP64 10x10] | (1196) |
| NEC | uPD70F3371 (ISP-SPI)       | (138)  |
| NEC | uPD70F3371 [LQFP64 10x10]  | (1196) |
| NEC | uPD70F3372 (ISP-SPI)       | (138)  |
| NEC | uPD70F3372 [LQFP80]        | (2130) |
| NEC | uPD70F3373 (ISP-SPI)       | (138)  |
| NEC | uPD70F3373 [LQFP80]        | (2130) |
| NEC | uPD70F3374 (ISP-SPI)       | (138)  |
| NEC | uPD70F3374 [LQFP100 14x14] | (1435) |

|     |             |                 |              |
|-----|-------------|-----------------|--------------|
| NEC | uPD70F3375  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3375  | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3376A | (ISP-SPI)       | (138)        |
| NEC | uPD70F3376A | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3377A | (ISP-SPI)       | (138)        |
| NEC | uPD70F3377A | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3378  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3378  | [LQFP144]       | (1215)       |
| NEC | uPD70F3379  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3379  | [LQFP144]       | (1215)       |
| NEC | uPD70F3380  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3380  | [LQFP144]       | (1215)       |
| NEC | uPD70F3381  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3381  | [LQFP144]       | (1215)       |
| NEC | uPD70F3382  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3382  | [LQFP144]       | (1215)       |
| NEC | uPD70F3383  | (ISP-SPI)       | (138) (9999) |
| NEC | uPD70F3383  | (ISP-UART)      | (138) (9997) |
| NEC | uPD70F3383  | [LQFP176]       | (2864)       |
| NEC | uPD70F3384  | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3384  | [LQFP176]       | (2864)       |
| NEC | uPD70F3385  | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3385  | [LQFP176]       | (2864)       |
| NEC | uPD70F3416  | [LQFP100]       | (2852)       |
| NEC | uPD70F3417  | [LQFP100]       | (2852)       |
| NEC | uPD70F3421  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3421  | [LQFP144]       | (1212)       |
| NEC | uPD70F3422  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3422  | [LQFP144]       | (1212)       |
| NEC | uPD70F3423  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3423  | [LQFP144]       | (1212)       |
| NEC | uPD70F3424  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3424  | [LQFP144]       | (1212)       |
| NEC | uPD70F3425  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3425  | [LQFP144]       | (1212)       |
| NEC | uPD70F3426  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3426  | [LQFP144]       | (1212)       |
| NEC | uPD70F3451  | [LQFP80 14x14]  | (3065)       |
| NEC | uPD70F3452  | [LQFP80 14x14]  | (3065)       |
| NEC | uPD70F3453  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3453  | [LQFP100]       | (1434)       |
| NEC | uPD70F3454  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3454  | [LQFP100]       | (1434)       |
| NEC | uPD70F3474  | [LQFP144]       | (1215)       |
| NEC | uPD70F3474A | [LQFP144]       | (1215)       |
| NEC | uPD70F3475  | [LQFP144]       | (1215)       |
| NEC | uPD70F3475A | [LQFP144]       | (1215)       |
| NEC | uPD70F3476  | [LQFP144]       | (1215)       |
| NEC | uPD70F3476A | [LQFP144]       | (1215)       |
| NEC | uPD70F3477  | [LQFP144]       | (1215)       |
| NEC | uPD70F3477A | [LQFP144]       | (1215)       |
| NEC | uPD70F3478  | [LQFP144]       | (1215)       |
| NEC | uPD70F3478A | [LQFP144]       | (1215)       |
| NEC | uPD70F3479  | [LQFP144]       | (1215)       |
| NEC | uPD70F3479A | [LQFP144]       | (1215)       |
| NEC | uPD70F3522  | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3522  | [QFP144]        | (2822)       |
| NEC | uPD70F3523  | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3523  | [QFP144]        | (2822)       |
| NEC | uPD70F3524  | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3524  | [QFP144]        | (2822)       |
| NEC | uPD70F3525  | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3525  | [HQFP144]       | (2822)       |
| NEC | uPD70F3525  | [LQFP144]       | (2822)       |
| NEC | uPD70F3526  | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3526  | [HQFP144]       | (2822)       |
| NEC | uPD70F3526  | [LQFP144]       | (2822)       |
| NEC | uPD70F3529  | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3529  | [HQFP176]       | (3253)       |
| NEC | uPD70F3610  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3610  | [LQFP64 10x10]  | (1196)       |
| NEC | uPD70F3611  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3611  | [LQFP64 10x10]  | (1196)       |
| NEC | uPD70F3612  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3612  | [LQFP64 10x10]  | (1196)       |
| NEC | uPD70F3613  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3613  | [LQFP64 10x10]  | (1196)       |
| NEC | uPD70F3614  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3614  | [LQFP64 10x10]  | (1196)       |
| NEC | uPD70F3615  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3615  | [QFP80]         | (2130)       |
| NEC | uPD70F3616  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3616  | [QFP80]         | (2130)       |
| NEC | uPD70F3617  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3617  | [QFP80]         | (2130)       |
| NEC | uPD70F3618  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3618  | [QFP80]         | (2130)       |
| NEC | uPD70F3619  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3619  | [QFP80]         | (2130)       |
| NEC | uPD70F3623  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3623  | [LQFP64 10x10]  | (1196)       |
| NEC | uPD70F3624  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3624  | [LQFP64 10x10]  | (1196)       |
| NEC | uPD70F3625  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3625  | [LQFP80]        | (2130)       |
| NEC | uPD70F3626  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3626  | [LQFP80]        | (2130)       |
| NEC | uPD70F3627  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3627  | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3628  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3628  | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3629  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3629  | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3630  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3630  | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3631  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3631  | [LQFP144]       | (1215)       |
| NEC | uPD70F3632  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3632  | [LQFP144]       | (1215)       |
| NEC | uPD70F3633  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3633  | [LQFP144]       | (1215)       |
| NEC | uPD70F3634  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3634  | [LQFP144]       | (1215)       |
| NEC | uPD70F3635  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3635  | [LQFP144]       | (1215)       |
| NEC | uPD70F3636  | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3636  | [LQFP176]       | (2864)       |
| NEC | uPD70F3637  | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3637  | [LQFP176]       | (2864)       |
| NEC | uPD70F3638  | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3638  | [LQFP176]       | (2864)       |
| NEC | uPD70F3706  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3706  | [LQFP100]       | (1197)       |
| NEC | uPD70F3707  | (ISP-SPI)       | (138)        |
| NEC | uPD70F3707  | [LQFP100]       | (1197)       |
| NEC | uPD70F3715  | [LQFP100]       | (524)        |
| NEC | uPD70F3716  | [LQFP100]       | (524)        |
| NEC | uPD70F3717  | [LQFP100]       | (524)        |



|     |                  |                 |              |
|-----|------------------|-----------------|--------------|
| NEC | uPD70F3718       | [LQFP100]       | (524)        |
| NEC | uPD70F3719       | [LQFP100]       | (524)        |
| NEC | uPD70F3728       | (ISP-SPI)       | (138)        |
| NEC | uPD70F3728       | [QFP80]         | (1033)       |
| NEC | uPD70F3729       | (ISP-SPI)       | (138)        |
| NEC | uPD70F3729       | [QFP80]         | (1033)       |
| NEC | uPD70F3735       | (ISP-SPI)       | (138)        |
| NEC | uPD70F3735       | [LQFP80 12x12]  | (2598)       |
| NEC | uPD70F3736       | (ISP-SPI)       | (138)        |
| NEC | uPD70F3736       | [LQFP80 12x12]  | (2598)       |
| NEC | uPD70F3737       | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3737       | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3737       | [LQFP100 14x20] | (1436)       |
| NEC | uPD70F3738       | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3738       | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3738       | [LQFP100 14x20] | (1436)       |
| NEC | uPD70F3739       | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3739       | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3740       | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3740       | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3741       | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3741       | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3742       | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3742       | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3743       | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3743       | [LQFP144]       | (1215)       |
| NEC | uPD70F3744       | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3744       | [LQFP144]       | (1215)       |
| NEC | uPD70F3745       | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3745       | [LQFP144]       | (1215)       |
| NEC | uPD70F3746       | (ISP-SPI)       | (138) (9997) |
| NEC | uPD70F3746       | [LQFP144]       | (1215)       |
| NEC | uPD70F3752       | [LQFP100 14x14] | (1435)       |
| NEC | uPD70F3814       | [LQFP48]        | (174)        |
| NEC | uPD70F3815       | [LQFP48]        | (174)        |
| NEC | uPD70F3816       | [LQFP48]        | (174)        |
| NEC | uPD70F3817       | [LQFP48]        | (174)        |
| NEC | uPD70F3818       | [LQFP48]        | (174)        |
| NEC | uPD70F3819       | [LQFP48]        | (174)        |
| NEC | uPD70F3820       | [LQFP64]        | (2780)       |
| NEC | uPD70F3821       | [LQFP64]        | (2780)       |
| NEC | uPD70F3822       | [LQFP64]        | (2780)       |
| NEC | uPD70F3823       | [LQFP64]        | (2780)       |
| NEC | uPD70F3824       | [LQFP64]        | (2780)       |
| NEC | uPD70F3825       | [LQFP64]        | (2780)       |
| NEC | uPD75P0016       | [QFP44]         | (108)        |
| NEC | uPD75P0016       | [SDIP42]        | (164)        |
| NEC | uPD75P0076       | [SDIP42]        | (164)        |
| NEC | uPD75P008CU      |                 |              |
| NEC | uPD75P008GB      | [QFP44]         | (108)        |
| NEC | uPD75P0116       | [QFP44]         | (108)        |
| NEC | uPD75P0116       | [SDIP42]        | (164)        |
| NEC | uPD75P036        | [QFP64]         | (1044)       |
| NEC | uPD75P068        | [QFP44]         | (108)        |
| NEC | uPD75P068        | [SDIP42]        | (164)        |
| NEC | uPD75P108B       | [SDIP64]        | (1149)       |
| NEC | uPD75P3018A      | [QFP80]         | (1449)       |
| NEC | uPD75P308        | [QFP80]         | (3015)       |
| NEC | uPD75P316        | [QFP80]         | (3015)       |
| NEC | uPD75P316A       | [QFP80]         | (3015)       |
| NEC | uPD75P54         |                 |              |
| NEC | uPD75P54         | [SOP20]         | (98)         |
| NEC | uPD75P64         |                 |              |
| NEC | uPD75P64         | [SOP20]         | (98)         |
| NEC | uPD78CP14        | [QUIP64]        | (1286)       |
| NEC | uPD78CP18        | [QUIP64]        | (1286)       |
| NEC | uPD78F0034A      | (ISP-SPI)       | (138)        |
| NEC | uPD78F0034A      | [LQFP64 10x10]  | (587)        |
| NEC | uPD78F0034A      | [LQFP64]        | (568)        |
| NEC | uPD78F0034A      | [QFP64]         | (241)        |
| NEC | uPD78F0034A      | [SDIP64]        | (972)        |
| NEC | uPD78F0034A      | [TQFP64]        | (504)        |
| NEC | uPD78F0034A-8BS  | [LQFP64]        | (2951)       |
| NEC | uPD78F0034AY     | (ISP-SPI)       | (138)        |
| NEC | uPD78F0034AY     | [LQFP64 10x10]  | (587)        |
| NEC | uPD78F0034AY     | [LQFP64]        | (568)        |
| NEC | uPD78F0034AY     | [QFP64]         | (241)        |
| NEC | uPD78F0034AY     | [SDIP64]        | (972)        |
| NEC | uPD78F0034AY     | [TQFP64]        | (504)        |
| NEC | uPD78F0034AY-8BS | [LQFP64]        | (2951)       |
| NEC | uPD78F0034B      | (ISP-SPI)       | (138)        |
| NEC | uPD78F0034B      | [LQFP64 10x10]  | (587)        |
| NEC | uPD78F0034B      | [LQFP64]        | (568)        |
| NEC | uPD78F0034B      | [QFP64]         | (241)        |
| NEC | uPD78F0034B      | [TQFP64]        | (504)        |
| NEC | uPD78F0034B-8BS  | [LQFP64]        | (2951)       |
| NEC | uPD78F0034BS     | [QFP52]         | (1183)       |
| NEC | uPD78F0034BY     | (ISP-SPI)       | (138)        |
| NEC | uPD78F0034BY     | [LQFP64 10x10]  | (587)        |
| NEC | uPD78F0034BY     | [LQFP64]        | (568)        |
| NEC | uPD78F0034BY     | [QFP64]         | (241)        |
| NEC | uPD78F0034BY     | [TQFP64]        | (504)        |
| NEC | uPD78F0034BY-8BS | [LQFP64]        | (2951)       |
| NEC | uPD78F0058       | [LQFP80 12x12]  | (2892)       |
| NEC | uPD78F0058       | [LQFP80 14x14]  | (2891)       |
| NEC | uPD78F0058Y      | [LQFP80 12x12]  | (2892)       |
| NEC | uPD78F0058Y      | [LQFP80 14x14]  | (2891)       |
| NEC | uPD78F0078       | (ISP-SPI)       | (138)        |
| NEC | uPD78F0078       | [LQFP64]        | (568)        |
| NEC | uPD78F0078       | [QFP64]         | (241)        |
| NEC | uPD78F0078       | [TQFP64]        | (504)        |
| NEC | uPD78F0078-8BS   | [LQFP64]        | (2951)       |
| NEC | uPD78F0078Y      | (ISP-SPI)       | (138)        |
| NEC | uPD78F0078Y      | [LQFP64]        | (568)        |
| NEC | uPD78F0078Y      | [QFP64]         | (241)        |
| NEC | uPD78F0078Y      | [TQFP64]        | (504)        |
| NEC | uPD78F0078Y-8BS  | [LQFP64]        | (2951)       |
| NEC | uPD78F0101H      | (ISP-SPI)       | (138)        |
| NEC | uPD78F0101H      | [SSOP30]        | (2354)       |
| NEC | uPD78F0102H      | (ISP-SPI)       | (138)        |
| NEC | uPD78F0102H      | [SSOP30]        | (2354)       |
| NEC | uPD78F0103       | (ISP-SPI)       | (138)        |
| NEC | uPD78F0103       | [SSOP30]        | (2354)       |
| NEC | uPD78F0103H      | (ISP-SPI)       | (138)        |
| NEC | uPD78F0103H      | [SSOP30]        | (2354)       |
| NEC | uPD78F0112H      | (ISP-SPI)       | (138)        |
| NEC | uPD78F0112H      | [LQFP44]        | (94)         |
| NEC | uPD78F0113H      | (ISP-SPI)       | (138)        |
| NEC | uPD78F0113H      | [LQFP44]        | (94)         |
| NEC | uPD78F0114       | (ISP-SPI)       | (138)        |
| NEC | uPD78F0114       | [LQFP44]        | (94)         |
| NEC | uPD78F0114H      | (ISP-SPI)       | (138)        |
| NEC | uPD78F0114H      | [LQFP44]        | (94)         |
| NEC | uPD78F0114HD     | (ISP-SPI)       | (138)        |
| NEC | uPD78F0114HD     | [LQFP44]        | (94)         |
| NEC | uPD78F0122H      | (ISP-SPI)       | (138)        |
| NEC | uPD78F0122H      | [LQFP52]        | (1183)       |
| NEC | uPD78F0123H      | (ISP-SPI)       | (138)        |

|     |              |                |              |
|-----|--------------|----------------|--------------|
| NEC | uPD78F0123H  | [LQFP52]       | (1183)       |
| NEC | uPD78F0124H  | (ISP-SPI)      | (138)        |
| NEC | uPD78F0124H  | [LQFP52]       | (1183)       |
| NEC | uPD78F0124HD | (ISP-SPI)      | (138)        |
| NEC | uPD78F0124HD | [LQFP52]       | (1183)       |
| NEC | uPD78F0132H  | [LQFP64 10x10] | (587)        |
| NEC | uPD78F0132H  | [LQFP64 14x14] | (568)        |
| NEC | uPD78F0132H  | [TQFP64 12x12] | (504)        |
| NEC | uPD78F0133H  | [LQFP64 10x10] | (587)        |
| NEC | uPD78F0133H  | [LQFP64 14x14] | (568)        |
| NEC | uPD78F0133H  | [TQFP64 12x12] | (504)        |
| NEC | uPD78F0134   | (ISP-SPI)      | (138)        |
| NEC | uPD78F0134   | [LQFP64 10x10] | (587)        |
| NEC | uPD78F0134   | [LQFP64 14x14] | (568)        |
| NEC | uPD78F0134H  | [LQFP64 10x10] | (587)        |
| NEC | uPD78F0134H  | [LQFP64 14x14] | (568)        |
| NEC | uPD78F0134H  | [TQFP64 12x12] | (504)        |
| NEC | uPD78F0136H  | [LQFP64 10x10] | (587)        |
| NEC | uPD78F0136H  | [LQFP64 14x14] | (568)        |
| NEC | uPD78F0136H  | [TQFP64 12x12] | (504)        |
| NEC | uPD78F0138   | (ISP-SPI)      | (138)        |
| NEC | uPD78F0138   | [LQFP64 10x10] | (587)        |
| NEC | uPD78F0138   | [LQFP64 14x14] | (568)        |
| NEC | uPD78F0138   | [TQFP64]       | (504)        |
| NEC | uPD78F0138H  | [LQFP64 10x10] | (587)        |
| NEC | uPD78F0138H  | [LQFP64 14x14] | (568)        |
| NEC | uPD78F0138H  | [TQFP64 12x12] | (504)        |
| NEC | uPD78F0138HD | [LQFP64 10x10] | (587)        |
| NEC | uPD78F0138HD | [LQFP64 14x14] | (568)        |
| NEC | uPD78F0138HD | [TQFP64 12x12] | (504)        |
| NEC | uPD78F0148H  | (ISP-SPI)      | (138)        |
| NEC | uPD78F0148H  | [QFP80]        | (1033)       |
| NEC | uPD78F0148H  | [TQFP80]       | (1032)       |
| NEC | uPD78F0148HD | (ISP-SPI)      | (138)        |
| NEC | uPD78F0148HD | [QFP80]        | (1033)       |
| NEC | uPD78F0148HD | [TQFP80]       | (1032)       |
| NEC | uPD78F0338   | (ISP-SPI)      | (138)        |
| NEC | uPD78F0338   | [QFP120]       | (2292)       |
| NEC | uPD78F0393   | (ISP-SPI)      | (138)        |
| NEC | uPD78F0393   | [LQFP100]      | (1051)       |
| NEC | uPD78F0393   | [QFP100]       | (1052)       |
| NEC | uPD78F0394   | (ISP-SPI)      | (138)        |
| NEC | uPD78F0394   | [LQFP100]      | (1051)       |
| NEC | uPD78F0394   | [QFP100]       | (1052)       |
| NEC | uPD78F0395   | (ISP-SPI)      | (138)        |
| NEC | uPD78F0395   | [LQFP100]      | (1051)       |
| NEC | uPD78F0395   | [QFP100]       | (1052)       |
| NEC | uPD78F0396   | (ISP-SPI)      | (138)        |
| NEC | uPD78F0396   | [LQFP100]      | (1051)       |
| NEC | uPD78F0396   | [QFP100]       | (1052)       |
| NEC | uPD78F0397   | (ISP-SPI)      | (138)        |
| NEC | uPD78F0397   | [LQFP100]      | (1051)       |
| NEC | uPD78F0397   | [QFP100]       | (1052)       |
| NEC | uPD78F0397D  | (ISP-SPI)      | (138)        |
| NEC | uPD78F0397D  | [LQFP100]      | (1051)       |
| NEC | uPD78F0397D  | [QFP100]       | (1052)       |
| NEC | uPD78F0400   | (ISP-UART)     | (138)        |
| NEC | uPD78F0400   | [LQFP48]       | (174)        |
| NEC | uPD78F0401   | (ISP-UART)     | (138)        |
| NEC | uPD78F0401   | [LQFP48]       | (174)        |
| NEC | uPD78F0402   | (ISP-UART)     | (138)        |
| NEC | uPD78F0402   | [LQFP48]       | (174)        |
| NEC | uPD78F0403   | (ISP-UART)     | (138)        |
| NEC | uPD78F0403   | [LQFP48]       | (174)        |
| NEC | uPD78F0410   | (ISP-UART)     | (138)        |
| NEC | uPD78F0410   | [LQFP48]       | (174)        |
| NEC | uPD78F0411   | (ISP-UART)     | (138)        |
| NEC | uPD78F0411   | [LQFP48]       | (174)        |
| NEC | uPD78F0412   | (ISP-UART)     | (138)        |
| NEC | uPD78F0412   | [LQFP48]       | (174)        |
| NEC | uPD78F0413   | (ISP-UART)     | (138)        |
| NEC | uPD78F0413   | [LQFP48]       | (174)        |
| NEC | uPD78F0441   | (ISP-UART)     | (138)        |
| NEC | uPD78F0441   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0442   | (ISP-UART)     | (138)        |
| NEC | uPD78F0442   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0443   | (ISP-UART)     | (138)        |
| NEC | uPD78F0443   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0444   | (ISP-UART)     | (138)        |
| NEC | uPD78F0444   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0445   | (ISP-UART)     | (138)        |
| NEC | uPD78F0445   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0451   | (ISP-UART)     | (138)        |
| NEC | uPD78F0451   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0452   | (ISP-UART)     | (138)        |
| NEC | uPD78F0452   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0453   | (ISP-UART)     | (138)        |
| NEC | uPD78F0453   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0454   | (ISP-UART)     | (138)        |
| NEC | uPD78F0454   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0455   | (ISP-UART)     | (138)        |
| NEC | uPD78F0455   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0461   | (ISP-UART)     | (138)        |
| NEC | uPD78F0461   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0462   | (ISP-UART)     | (138)        |
| NEC | uPD78F0462   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0463   | (ISP-UART)     | (138)        |
| NEC | uPD78F0463   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0464   | (ISP-UART)     | (138)        |
| NEC | uPD78F0464   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0465   | (ISP-UART)     | (138)        |
| NEC | uPD78F0465   | [LQFP64 10x10] | (1196)       |
| NEC | uPD78F0471   | [LQFP80 12x12] | (2742)       |
| NEC | uPD78F0471   | [LQFP80 14x14] | (2743)       |
| NEC | uPD78F0472   | [LQFP80 12x12] | (2742)       |
| NEC | uPD78F0472   | [LQFP80 14x14] | (2743)       |
| NEC | uPD78F0473   | [LQFP80 12x12] | (2742)       |
| NEC | uPD78F0473   | [LQFP80 14x14] | (2743)       |
| NEC | uPD78F0474   | [LQFP80 12x12] | (2742)       |
| NEC | uPD78F0474   | [LQFP80 14x14] | (2743)       |
| NEC | uPD78F0475   | [LQFP80 12x12] | (2742)       |
| NEC | uPD78F0475   | [LQFP80 14x14] | (2743)       |
| NEC | uPD78F0481   | [LQFP80 12x12] | (2742)       |
| NEC | uPD78F0481   | [LQFP80 14x14] | (2743)       |
| NEC | uPD78F0482   | [LQFP80 12x12] | (2742)       |
| NEC | uPD78F0482   | [LQFP80 14x14] | (2743)       |
| NEC | uPD78F0483   | [LQFP80 12x12] | (2742)       |
| NEC | uPD78F0483   | [LQFP80 14x14] | (2743)       |
| NEC | uPD78F0484   | [LQFP80 12x12] | (2742)       |
| NEC | uPD78F0484   | [LQFP80 14x14] | (2743)       |
| NEC | uPD78F0485   | (ISP-UART)     | (138) (9997) |
| NEC | uPD78F0485   | [LQFP80 12x12] | (2742)       |
| NEC | uPD78F0485   | [LQFP80 14x14] | (2743)       |
| NEC | uPD78F0491   | [LQFP80 12x12] | (2742)       |
| NEC | uPD78F0491   | [LQFP80 14x14] | (2743)       |
| NEC | uPD78F0492   | [LQFP80 12x12] | (2742)       |
| NEC | uPD78F0492   | [LQFP80 14x14] | (2743)       |

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|-----|--------------|----------------|--------|
| NEC | uPD78F0493   | [LQFP80 12x12] | (2742) |
| NEC | uPD78F0493   | [LQFP80 14x14] | (2743) |
| NEC | uPD78F0494   | [LQFP80 12x12] | (2742) |
| NEC | uPD78F0494   | [LQFP80 14x14] | (2743) |
| NEC | uPD78F0495   | [LQFP80 12x12] | (2742) |
| NEC | uPD78F0495   | [LQFP80 14x14] | (2743) |
| NEC | uPD78F0500   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0500   | [SSOP30]       | (505)  |
| NEC | uPD78F0500A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0500A  | [SSOP30]       | (505)  |
| NEC | uPD78F0501   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0501   | [SSOP30]       | (505)  |
| NEC | uPD78F0501A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0501A  | [SSOP30]       | (505)  |
| NEC | uPD78F0502   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0502   | [SSOP30]       | (505)  |
| NEC | uPD78F0502A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0502A  | [SSOP30]       | (505)  |
| NEC | uPD78F0503   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0503   | [SSOP30]       | (505)  |
| NEC | uPD78F0503A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0503A  | [SSOP30]       | (505)  |
| NEC | uPD78F0503D  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0503D  | [SSOP30]       | (505)  |
| NEC | uPD78F0503DA | (ISP-SPI)      | (138)  |
| NEC | uPD78F0503DA | [SSOP30]       | (505)  |
| NEC | uPD78F0511   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0511   | [LQFP44]       | (94)   |
| NEC | uPD78F0511   | [LQFP48]       | (174)  |
| NEC | uPD78F0511A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0511A  | [LQFP44]       | (94)   |
| NEC | uPD78F0511A  | [LQFP48]       | (174)  |
| NEC | uPD78F0511A  | [SSOP38]       | (505)  |
| NEC | uPD78F0512   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0512   | [LQFP44]       | (94)   |
| NEC | uPD78F0512   | [LQFP48]       | (174)  |
| NEC | uPD78F0512A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0512A  | [LQFP44]       | (94)   |
| NEC | uPD78F0512A  | [LQFP48]       | (174)  |
| NEC | uPD78F0512A  | [SSOP38]       | (505)  |
| NEC | uPD78F0513   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0513   | (ISP-UART)     | (138)  |
| NEC | uPD78F0513   | [LQFP44]       | (94)   |
| NEC | uPD78F0513   | [LQFP48]       | (174)  |
| NEC | uPD78F0513A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0513A  | (ISP-UART)     | (138)  |
| NEC | uPD78F0513A  | [LQFP44]       | (94)   |
| NEC | uPD78F0513A  | [LQFP48]       | (174)  |
| NEC | uPD78F0513A  | [SSOP38]       | (505)  |
| NEC | uPD78F0513D  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0513D  | [LQFP44]       | (94)   |
| NEC | uPD78F0513D  | [LQFP48]       | (174)  |
| NEC | uPD78F0513DA | (ISP-SPI)      | (138)  |
| NEC | uPD78F0513DA | [LQFP44]       | (94)   |
| NEC | uPD78F0513DA | [SSOP38]       | (505)  |
| NEC | uPD78F0514   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0514   | (ISP-UART)     | (138)  |
| NEC | uPD78F0514   | [LQFP48]       | (174)  |
| NEC | uPD78F0514A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0514A  | (ISP-UART)     | (138)  |
| NEC | uPD78F0514A  | [LQFP48]       | (174)  |
| NEC | uPD78F0515   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0515   | (ISP-UART)     | (138)  |
| NEC | uPD78F0515   | [LQFP48]       | (174)  |
| NEC | uPD78F0515A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0515A  | (ISP-UART)     | (138)  |
| NEC | uPD78F0515A  | [LQFP48]       | (174)  |
| NEC | uPD78F0515D  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0515D  | [LQFP48]       | (174)  |
| NEC | uPD78F0515DA | (ISP-SPI)      | (138)  |
| NEC | uPD78F0515DA | [LQFP48]       | (174)  |
| NEC | uPD78F0521   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0521   | (ISP-UART)     | (138)  |
| NEC | uPD78F0521   | [LQFP52]       | (1106) |
| NEC | uPD78F0521A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0521A  | (ISP-UART)     | (138)  |
| NEC | uPD78F0521A  | [LQFP52]       | (1106) |
| NEC | uPD78F0522   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0522   | (ISP-UART)     | (138)  |
| NEC | uPD78F0522   | [LQFP52]       | (1106) |
| NEC | uPD78F0522A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0522A  | (ISP-UART)     | (138)  |
| NEC | uPD78F0522A  | [LQFP52]       | (1106) |
| NEC | uPD78F0523   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0523   | (ISP-UART)     | (138)  |
| NEC | uPD78F0523   | [LQFP52]       | (1106) |
| NEC | uPD78F0523A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0523A  | (ISP-UART)     | (138)  |
| NEC | uPD78F0523A  | [LQFP52]       | (1106) |
| NEC | uPD78F0524   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0524   | (ISP-UART)     | (138)  |
| NEC | uPD78F0524   | [LQFP52]       | (1106) |
| NEC | uPD78F0524A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0524A  | (ISP-UART)     | (138)  |
| NEC | uPD78F0524A  | [LQFP52]       | (1106) |
| NEC | uPD78F0525   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0525   | (ISP-UART)     | (138)  |
| NEC | uPD78F0525   | [LQFP52]       | (1106) |
| NEC | uPD78F0525A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0525A  | (ISP-UART)     | (138)  |
| NEC | uPD78F0525A  | [LQFP52]       | (1106) |
| NEC | uPD78F0526   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0526   | (ISP-UART)     | (138)  |
| NEC | uPD78F0526   | [LQFP52]       | (1106) |
| NEC | uPD78F0526A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0526A  | (ISP-UART)     | (138)  |
| NEC | uPD78F0526A  | [LQFP52]       | (1106) |
| NEC | uPD78F0527   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0527   | (ISP-UART)     | (138)  |
| NEC | uPD78F0527   | [LQFP52]       | (1106) |
| NEC | uPD78F0527A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0527A  | (ISP-UART)     | (138)  |
| NEC | uPD78F0527A  | [LQFP52]       | (1106) |
| NEC | uPD78F0527D  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0527D  | (ISP-UART)     | (138)  |
| NEC | uPD78F0527D  | [LQFP52]       | (1106) |
| NEC | uPD78F0527DA | (ISP-SPI)      | (138)  |
| NEC | uPD78F0527DA | (ISP-UART)     | (138)  |
| NEC | uPD78F0527DA | [LQFP52]       | (1106) |
| NEC | uPD78F0531   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0531   | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0531   | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0531   | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0531A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0531A  | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0531A  | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0531A  | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0532   | (ISP-SPI)      | (138)  |

|     |              |                |        |
|-----|--------------|----------------|--------|
| NEC | uPD78F0532   | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0532   | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0532   | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0532A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0532A  | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0532A  | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0532A  | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0533   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0533   | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0533   | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0533   | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0533A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0533A  | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0533A  | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0533A  | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0534   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0534   | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0534   | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0534   | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0534A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0534A  | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0534A  | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0534A  | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0535   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0535   | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0535   | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0535   | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0535A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0535A  | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0535A  | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0535A  | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0536   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0536   | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0536   | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0536A  | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0537   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0537   | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0537   | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0537   | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0537A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0537A  | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0537A  | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0537A  | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0537D  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0537D  | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0537D  | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0537D  | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0537DA | (ISP-SPI)      | (138)  |
| NEC | uPD78F0537DA | [LQFP64 10x10] | (736)  |
| NEC | uPD78F0537DA | [LQFP64 12x12] | (735)  |
| NEC | uPD78F0537DA | [LQFP64 14x14] | (732)  |
| NEC | uPD78F0544   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0544   | [LQFP80 12x12] | (1214) |
| NEC | uPD78F0544   | [LQFP80 14x14] | (1213) |
| NEC | uPD78F0544A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0544A  | [LQFP80 12x12] | (1214) |
| NEC | uPD78F0544A  | [LQFP80 14x14] | (1213) |
| NEC | uPD78F0545   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0545   | [LQFP80 12x12] | (1214) |
| NEC | uPD78F0545   | [LQFP80 14x14] | (1213) |
| NEC | uPD78F0545A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0545A  | [LQFP80 12x12] | (1214) |
| NEC | uPD78F0545A  | [LQFP80 14x14] | (1213) |
| NEC | uPD78F0546   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0546   | [LQFP80 12x12] | (1214) |
| NEC | uPD78F0546   | [LQFP80 14x14] | (1213) |
| NEC | uPD78F0546A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0546A  | [LQFP80 12x12] | (1214) |
| NEC | uPD78F0546A  | [LQFP80 14x14] | (1213) |
| NEC | uPD78F0547   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0547   | [LQFP80 12x12] | (1214) |
| NEC | uPD78F0547   | [LQFP80 14x14] | (1213) |
| NEC | uPD78F0547A  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0547A  | [LQFP80 12x12] | (1214) |
| NEC | uPD78F0547A  | [LQFP80 14x14] | (1213) |
| NEC | uPD78F0547D  | (ISP-SPI)      | (138)  |
| NEC | uPD78F0547D  | [LQFP80 12x12] | (1214) |
| NEC | uPD78F0547D  | [LQFP80 14x14] | (1213) |
| NEC | uPD78F0547DA | (ISP-SPI)      | (138)  |
| NEC | uPD78F0547DA | [LQFP80 12x12] | (1214) |
| NEC | uPD78F0547DA | [LQFP80 14x14] | (1213) |
| NEC | uPD78F0550   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0550   | [SSOP16]       | (1088) |
| NEC | uPD78F0551   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0551   | [SSOP16]       | (1088) |
| NEC | uPD78F0552   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0552   | [SSOP16]       | (1088) |
| NEC | uPD78F0555   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0555   | [SSOP16]       | (1088) |
| NEC | uPD78F0556   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0556   | [SSOP16]       | (1088) |
| NEC | uPD78F0557   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0557   | [SSOP16]       | (1088) |
| NEC | uPD78F0560   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0560   | [SSOP20]       | (2354) |
| NEC | uPD78F0561   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0561   | [SSOP20]       | (2354) |
| NEC | uPD78F0562   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0562   | [SSOP20]       | (2354) |
| NEC | uPD78F0565   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0565   | [SSOP20]       | (2354) |
| NEC | uPD78F0566   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0566   | [SSOP20]       | (2354) |
| NEC | uPD78F0567   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0567   | [SSOP20]       | (2354) |
| NEC | uPD78F0571   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0571   | [SSOP30]       | (2354) |
| NEC | uPD78F0572   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0572   | [SSOP30]       | (2354) |
| NEC | uPD78F0573   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0573   | [SSOP30]       | (2354) |
| NEC | uPD78F0576   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0576   | [SSOP30]       | (2354) |
| NEC | uPD78F0577   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0577   | [SSOP30]       | (2354) |
| NEC | uPD78F0578   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0578   | [SSOP30]       | (2354) |
| NEC | uPD78F0581   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0581   | [LQFP44]       | (94)   |
| NEC | uPD78F0581   | [LQFP48]       | (174)  |
| NEC | uPD78F0581   | [WQFN40]       | (885)  |
| NEC | uPD78F0582   | (ISP-SPI)      | (138)  |
| NEC | uPD78F0582   | [LQFP44]       | (94)   |
| NEC | uPD78F0582   | [LQFP48]       | (174)  |

|     |             |                 |              |
|-----|-------------|-----------------|--------------|
| NEC | uPD78F0582  | [WQFN40]        | (885)        |
| NEC | uPD78F0583  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0583  | [LQFP44]        | (94)         |
| NEC | uPD78F0583  | [LQFP48]        | (174)        |
| NEC | uPD78F0583  | [WQFN40]        | (885)        |
| NEC | uPD78F0586  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0586  | [LQFP44]        | (94)         |
| NEC | uPD78F0586  | [LQFP48]        | (174)        |
| NEC | uPD78F0586  | [WQFN40]        | (885)        |
| NEC | uPD78F0587  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0587  | [LQFP44]        | (94)         |
| NEC | uPD78F0587  | [LQFP48]        | (174)        |
| NEC | uPD78F0587  | [WQFN40]        | (885)        |
| NEC | uPD78F0588  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0588  | [LQFP44]        | (94)         |
| NEC | uPD78F0588  | [LQFP48]        | (174)        |
| NEC | uPD78F0588  | [WQFN40]        | (885)        |
| NEC | uPD78F0711  | (ISP-UART)      | (138)        |
| NEC | uPD78F0711  | [SSOP30]        | (2354)       |
| NEC | uPD78F0712  | (ISP-UART)      | (138)        |
| NEC | uPD78F0712  | [SSOP30]        | (2354)       |
| NEC | uPD78F0730  | [SSOP30]        | (2354)       |
| NEC | uPD78F0740  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0740  | [SSOP16]        | (1088)       |
| NEC | uPD78F0741  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0741  | [SSOP16]        | (1088)       |
| NEC | uPD78F0742  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0742  | [SSOP16]        | (1088)       |
| NEC | uPD78F0743  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0743  | [SOP20]         | (98)         |
| NEC | uPD78F0743  | [SSOP20]        | (2354)       |
| NEC | uPD78F0744  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0744  | [SOP20]         | (98)         |
| NEC | uPD78F0744  | [SSOP20]        | (2354)       |
| NEC | uPD78F0745  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0745  | [SSOP30]        | (2354)       |
| NEC | uPD78F0745  | [WQFN32]        | (1293)       |
| NEC | uPD78F0746  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0746  | [SSOP30]        | (2354)       |
| NEC | uPD78F0746  | [WQFN32]        | (1293)       |
| NEC | uPD78F0750  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0750  | [SSOP16]        | (1088)       |
| NEC | uPD78F0751  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0751  | [SSOP16]        | (1088)       |
| NEC | uPD78F0752  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0752  | [SSOP16]        | (1088)       |
| NEC | uPD78F0753  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0753  | [SOP20]         | (98)         |
| NEC | uPD78F0753  | [SSOP20]        | (2354)       |
| NEC | uPD78F0754  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0754  | [SOP20]         | (98)         |
| NEC | uPD78F0754  | [SSOP20]        | (2354)       |
| NEC | uPD78F0755  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0755  | [SSOP30]        | (2354)       |
| NEC | uPD78F0755  | [WQFN32]        | (1293)       |
| NEC | uPD78F0756  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0756  | [SSOP30]        | (2354)       |
| NEC | uPD78F0756  | [WQFN32]        | (1293)       |
| NEC | uPD78F0763  | [LQFP64 10x10]  | (3131)       |
| NEC | uPD78F0764  | [LQFP64 10x10]  | (3131)       |
| NEC | uPD78F0765  | [LQFP64 10x10]  | (3131)       |
| NEC | uPD78F0818  | (ISP-SPI)       | (138) (9997) |
| NEC | uPD78F0818  | [QFP64]         | (3326)       |
| NEC | uPD78F0818A | (ISP-SPI)       | (138) (9997) |
| NEC | uPD78F0818A | [QFP64]         | (3326)       |
| NEC | uPD78F0818B | (ISP-SPI)       | (138) (9997) |
| NEC | uPD78F0818B | [QFP64]         | (3326)       |
| NEC | uPD78F0822B | (ISP-SPI)       | (138)        |
| NEC | uPD78F0822B | [LQFP100 14x20] | (2414)       |
| NEC | uPD78F0822B | [LQFP100]       | (1051)       |
| NEC | uPD78F0822B | [QFP100]        | (1052)       |
| NEC | uPD78F0828B | (ISP-SPI)       | (138)        |
| NEC | uPD78F0828B | [QFP80]         | (1105)       |
| NEC | uPD78F0854  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0854  | [SSOP16]        | (1088)       |
| NEC | uPD78F0855  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0855  | [SSOP16]        | (1088)       |
| NEC | uPD78F0856  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0856  | [SSOP16]        | (1088)       |
| NEC | uPD78F0857  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0857  | [SSOP20]        | (2354)       |
| NEC | uPD78F0858  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0858  | [SSOP20]        | (2354)       |
| NEC | uPD78F0859  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0859  | [SSOP20]        | (2354)       |
| NEC | uPD78F0864  | [SSOP30]        | (2354)       |
| NEC | uPD78F0865  | [SSOP30]        | (2354)       |
| NEC | uPD78F0881  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0881  | [LQFP44]        | (94)         |
| NEC | uPD78F0881A | (ISP-SPI)       | (138)        |
| NEC | uPD78F0881A | [LQFP44]        | (94)         |
| NEC | uPD78F0882  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0882  | [LQFP44]        | (94)         |
| NEC | uPD78F0882A | (ISP-SPI)       | (138)        |
| NEC | uPD78F0882A | [LQFP44]        | (94)         |
| NEC | uPD78F0883  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0883  | [LQFP44]        | (94)         |
| NEC | uPD78F0883A | (ISP-SPI)       | (138)        |
| NEC | uPD78F0883A | [LQFP44]        | (94)         |
| NEC | uPD78F0884  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0884  | [LQFP48]        | (174)        |
| NEC | uPD78F0884A | (ISP-SPI)       | (138)        |
| NEC | uPD78F0884A | [LQFP48]        | (174)        |
| NEC | uPD78F0885  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0885  | [LQFP48]        | (174)        |
| NEC | uPD78F0885A | (ISP-SPI)       | (138)        |
| NEC | uPD78F0885A | [LQFP48]        | (174)        |
| NEC | uPD78F0886  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0886  | [LQFP48]        | (174)        |
| NEC | uPD78F0886A | (ISP-SPI)       | (138)        |
| NEC | uPD78F0886A | [LQFP48]        | (174)        |
| NEC | uPD78F0887  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0887  | [LQFP64 10x10]  | (736)        |
| NEC | uPD78F0887  | [LQFP64 12x12]  | (735)        |
| NEC | uPD78F0887A | (ISP-SPI)       | (138)        |
| NEC | uPD78F0887A | [LQFP64 10x10]  | (736)        |
| NEC | uPD78F0887A | [LQFP64 12x12]  | (735)        |
| NEC | uPD78F0888  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0888  | [LQFP64 10x10]  | (736)        |
| NEC | uPD78F0888  | [LQFP64 12x12]  | (735)        |
| NEC | uPD78F0888A | (ISP-SPI)       | (138)        |
| NEC | uPD78F0888A | [LQFP64 10x10]  | (736)        |
| NEC | uPD78F0888A | [LQFP64 12x12]  | (735)        |
| NEC | uPD78F0889  | (ISP-SPI)       | (138)        |
| NEC | uPD78F0889  | [LQFP64 10x10]  | (736)        |
| NEC | uPD78F0889  | [LQFP64 12x12]  | (735)        |
| NEC | uPD78F0889A | (ISP-SPI)       | (138)        |
| NEC | uPD78F0889A | [LQFP64 10x10]  | (736)        |

|     |             |                 |        |
|-----|-------------|-----------------|--------|
| NEC | uPD78F0889A | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F0890  | (ISP-SPI)       | (138)  |
| NEC | uPD78F0890  | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F0890  | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F0890A | (ISP-SPI)       | (138)  |
| NEC | uPD78F0890A | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F0890A | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F0891  | (ISP-SPI)       | (138)  |
| NEC | uPD78F0891  | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F0891  | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F0891A | (ISP-SPI)       | (138)  |
| NEC | uPD78F0891A | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F0891A | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F0892  | (ISP-SPI)       | (138)  |
| NEC | uPD78F0892  | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F0892  | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F0892A | (ISP-SPI)       | (138)  |
| NEC | uPD78F0892A | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F0892A | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F0893  | (ISP-SPI)       | (138)  |
| NEC | uPD78F0893  | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F0893  | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F0893A | (ISP-SPI)       | (138)  |
| NEC | uPD78F0893A | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F0893A | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F0894A | (ISP-SPI)       | (138)  |
| NEC | uPD78F0894A | [LQFP48]        | (174)  |
| NEC | uPD78F0895A | (ISP-SPI)       | (138)  |
| NEC | uPD78F0895A | [LQFP48]        | (174)  |
| NEC | uPD78F0948  | [QFP100]        | (4336) |
| NEC | uPD78F0988A | (ISP-SPI)       | (138)  |
| NEC | uPD78F0988A | [QFP64]         | (241)  |
| NEC | uPD78F1000  | [LQFP44]        | (94)   |
| NEC | uPD78F1001  | [LQFP44]        | (94)   |
| NEC | uPD78F1001  | [TQFP48]        | (174)  |
| NEC | uPD78F1002  | [LQFP44]        | (94)   |
| NEC | uPD78F1002  | [TQFP48]        | (174)  |
| NEC | uPD78F1003  | [LQFP44]        | (94)   |
| NEC | uPD78F1003  | [TQFP48]        | (174)  |
| NEC | uPD78F1007  | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F1007  | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F1007  | [TQFP64]        | (2616) |
| NEC | uPD78F1008  | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F1008  | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F1008  | [TQFP64]        | (2616) |
| NEC | uPD78F1009  | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F1009  | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F1009  | [TQFP64]        | (2616) |
| NEC | uPD78F1142  | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F1142  | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F1142A | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F1142A | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F1143  | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F1143  | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F1143A | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F1143A | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F1144  | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F1144  | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F1144A | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F1144A | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F1145  | (ISP-SPI)       | (138)  |
| NEC | uPD78F1145  | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F1145  | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F1145A | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F1145A | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F1146  | (ISP-SPI)       | (138)  |
| NEC | uPD78F1146  | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F1146  | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F1146A | [LQFP64 10x10]  | (736)  |
| NEC | uPD78F1146A | [LQFP64 12x12]  | (735)  |
| NEC | uPD78F1152  | (ISP-UART)      | (138)  |
| NEC | uPD78F1152  | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F1152  | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F1152A | (ISP-UART)      | (138)  |
| NEC | uPD78F1152A | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F1152A | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F1153  | (ISP-UART)      | (138)  |
| NEC | uPD78F1153  | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F1153  | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F1153A | (ISP-UART)      | (138)  |
| NEC | uPD78F1153A | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F1153A | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F1154  | (ISP-UART)      | (138)  |
| NEC | uPD78F1154  | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F1154  | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F1154A | (ISP-UART)      | (138)  |
| NEC | uPD78F1154A | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F1154A | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F1155  | (ISP-UART)      | (138)  |
| NEC | uPD78F1155  | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F1155  | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F1155A | (ISP-UART)      | (138)  |
| NEC | uPD78F1155A | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F1155A | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F1156  | (ISP-UART)      | (138)  |
| NEC | uPD78F1156  | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F1156  | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F1156A | (ISP-UART)      | (138)  |
| NEC | uPD78F1156A | [LQFP80 12x12]  | (1214) |
| NEC | uPD78F1156A | [LQFP80 14x14]  | (1213) |
| NEC | uPD78F1162  | (ISP-UART)      | (138)  |
| NEC | uPD78F1162  | [LQFP100 14x14] | (1435) |
| NEC | uPD78F1162  | [LQFP100 14x20] | (1436) |
| NEC | uPD78F1162A | (ISP-UART)      | (138)  |
| NEC | uPD78F1162A | [LQFP100 14x14] | (1435) |
| NEC | uPD78F1162A | [LQFP100 14x20] | (1436) |
| NEC | uPD78F1163  | (ISP-UART)      | (138)  |
| NEC | uPD78F1163  | [LQFP100 14x14] | (1435) |
| NEC | uPD78F1163  | [LQFP100 14x20] | (1436) |
| NEC | uPD78F1163A | (ISP-UART)      | (138)  |
| NEC | uPD78F1163A | [LQFP100 14x14] | (1435) |
| NEC | uPD78F1163A | [LQFP100 14x20] | (1436) |
| NEC | uPD78F1164  | (ISP-UART)      | (138)  |
| NEC | uPD78F1164  | [LQFP100 14x14] | (1435) |
| NEC | uPD78F1164  | [LQFP100 14x20] | (1436) |
| NEC | uPD78F1164A | (ISP-UART)      | (138)  |
| NEC | uPD78F1164A | [LQFP100 14x14] | (1435) |
| NEC | uPD78F1164A | [LQFP100 14x20] | (1436) |
| NEC | uPD78F1165  | (ISP-UART)      | (138)  |
| NEC | uPD78F1165  | [LQFP100 14x14] | (1435) |
| NEC | uPD78F1165  | [LQFP100 14x20] | (1436) |
| NEC | uPD78F1165A | (ISP-UART)      | (138)  |
| NEC | uPD78F1165A | [LQFP100 14x14] | (1435) |
| NEC | uPD78F1165A | [LQFP100 14x20] | (1436) |
| NEC | uPD78F1166  | (ISP-UART)      | (138)  |
| NEC | uPD78F1166  | [LQFP100 14x14] | (1435) |
| NEC | uPD78F1166  | [LQFP100 14x20] | (1436) |
| NEC | uPD78F1166A | (ISP-UART)      | (138)  |

|     |             |                 |              |
|-----|-------------|-----------------|--------------|
| NEC | uPD78F1166A | [LQFP100 14x14] | (1435)       |
| NEC | uPD78F1166A | [LQFP100 14x20] | (1436)       |
| NEC | uPD78F1167  | (ISP-UART)      | (138)        |
| NEC | uPD78F1167  | [LQFP100 14x14] | (1435)       |
| NEC | uPD78F1167  | [LQFP100 14x20] | (1436)       |
| NEC | uPD78F1167A | (ISP-UART)      | (138)        |
| NEC | uPD78F1167A | [LQFP100 14x14] | (1435)       |
| NEC | uPD78F1167A | [LQFP100 14x20] | (1436)       |
| NEC | uPD78F1168  | (ISP-UART)      | (138)        |
| NEC | uPD78F1168  | [LQFP100 14x14] | (1435)       |
| NEC | uPD78F1168  | [LQFP100 14x20] | (1436)       |
| NEC | uPD78F1168A | (ISP-UART)      | (138)        |
| NEC | uPD78F1168A | [LQFP100 14x14] | (1435)       |
| NEC | uPD78F1168A | [LQFP100 14x20] | (1436)       |
| NEC | uPD78F1174  | [LQFP128]       | (3060)       |
| NEC | uPD78F1174A | [LQFP128]       | (3060)       |
| NEC | uPD78F1175  | [LQFP128]       | (3060)       |
| NEC | uPD78F1175A | [LQFP128]       | (3060)       |
| NEC | uPD78F1176  | [LQFP128]       | (3060)       |
| NEC | uPD78F1176A | [LQFP128]       | (3060)       |
| NEC | uPD78F1177  | [LQFP128]       | (3060)       |
| NEC | uPD78F1177A | [LQFP128]       | (3060)       |
| NEC | uPD78F1178  | [LQFP128]       | (3060)       |
| NEC | uPD78F1178A | [LQFP128]       | (3060)       |
| NEC | uPD78F1201  | (ISP-UART)      | (138)        |
| NEC | uPD78F1201  | [SSOP30]        | (2354)       |
| NEC | uPD78F1203  | (ISP-UART)      | (138)        |
| NEC | uPD78F1203  | [SSOP30]        | (2354)       |
| NEC | uPD78F1211  | (ISP-UART)      | (138)        |
| NEC | uPD78F1211  | [LQFP44]        | (94)         |
| NEC | uPD78F1211  | [LQFP48]        | (174)        |
| NEC | uPD78F1211  | [SSOP38]        | (505)        |
| NEC | uPD78F1213  | (ISP-UART)      | (138)        |
| NEC | uPD78F1213  | [LQFP44]        | (94)         |
| NEC | uPD78F1213  | [LQFP48]        | (174)        |
| NEC | uPD78F1213  | [SSOP38]        | (505)        |
| NEC | uPD78F1214  | (ISP-UART)      | (138)        |
| NEC | uPD78F1214  | [LQFP48]        | (174)        |
| NEC | uPD78F1215  | (ISP-UART)      | (138)        |
| NEC | uPD78F1215  | [LQFP48]        | (174)        |
| NEC | uPD78F1500  | [LQFP80 12x12]  | (2874)       |
| NEC | uPD78F1500  | [LQFP80 14x14]  | (2875)       |
| NEC | uPD78F1500A | [LQFP80 12x12]  | (2874)       |
| NEC | uPD78F1500A | [LQFP80 14x14]  | (2875)       |
| NEC | uPD78F1501  | [LQFP80 12x12]  | (2874)       |
| NEC | uPD78F1501  | [LQFP80 14x14]  | (2875)       |
| NEC | uPD78F1501A | [LQFP80 12x12]  | (2874)       |
| NEC | uPD78F1501A | [LQFP80 14x14]  | (2875)       |
| NEC | uPD78F1502  | [LQFP80 12x12]  | (2874)       |
| NEC | uPD78F1502  | [LQFP80 14x14]  | (2875)       |
| NEC | uPD78F1502A | [LQFP80 12x12]  | (2874)       |
| NEC | uPD78F1502A | [LQFP80 14x14]  | (2875)       |
| NEC | uPD78F1503  | (ISP-UART)      | (138)        |
| NEC | uPD78F1503  | [LQFP100]       | (2305)       |
| NEC | uPD78F1504  | (ISP-UART)      | (138)        |
| NEC | uPD78F1504  | [LQFP100]       | (2305)       |
| NEC | uPD78F1505  | (ISP-UART)      | (138)        |
| NEC | uPD78F1505  | [LQFP100]       | (2305)       |
| NEC | uPD78F1510  | [LQFP80 12x12]  | (2874)       |
| NEC | uPD78F1510  | [LQFP80 14x14]  | (2875)       |
| NEC | uPD78F1510A | [LQFP80 12x12]  | (2874)       |
| NEC | uPD78F1510A | [LQFP80 14x14]  | (2875)       |
| NEC | uPD78F1512  | [LQFP80 12x12]  | (2874)       |
| NEC | uPD78F1512  | [LQFP80 14x14]  | (2875)       |
| NEC | uPD78F1512A | [LQFP80 12x12]  | (2874)       |
| NEC | uPD78F1512A | [LQFP80 14x14]  | (2875)       |
| NEC | uPD78F1804  | [SSOP30]        | (3634)       |
| NEC | uPD78F1812  | (ISP-UART)      | (138)        |
| NEC | uPD78F1812  | [LQFP48]        | (174)        |
| NEC | uPD78F1812  | [WQFN48]        | (567)        |
| NEC | uPD78F1812A | (ISP-UART)      | (138)        |
| NEC | uPD78F1812A | [LQFP48]        | (174)        |
| NEC | uPD78F1812A | [WQFN48]        | (567)        |
| NEC | uPD78F1813  | (ISP-UART)      | (138)        |
| NEC | uPD78F1813  | [LQFP48]        | (174)        |
| NEC | uPD78F1813  | [WQFN48]        | (567)        |
| NEC | uPD78F1813A | (ISP-UART)      | (138)        |
| NEC | uPD78F1813A | [LQFP48]        | (174)        |
| NEC | uPD78F1813A | [WQFN48]        | (567)        |
| NEC | uPD78F1814  | (ISP-UART)      | (138)        |
| NEC | uPD78F1814  | [LQFP48]        | (174)        |
| NEC | uPD78F1814  | [WQFN48]        | (567)        |
| NEC | uPD78F1814A | (ISP-UART)      | (138)        |
| NEC | uPD78F1814A | [LQFP48]        | (174)        |
| NEC | uPD78F1814A | [WQFN48]        | (567)        |
| NEC | uPD78F1815  | (ISP-UART)      | (138)        |
| NEC | uPD78F1815  | [LQFP48]        | (174)        |
| NEC | uPD78F1815  | [WQFN48]        | (567)        |
| NEC | uPD78F1815A | (ISP-UART)      | (138)        |
| NEC | uPD78F1815A | [LQFP48]        | (174)        |
| NEC | uPD78F1815A | [WQFN48]        | (567)        |
| NEC | uPD78F1816  | (ISP-UART)      | (138)        |
| NEC | uPD78F1816  | [LQFP48]        | (174)        |
| NEC | uPD78F1816  | [WQFN48]        | (567)        |
| NEC | uPD78F1816A | (ISP-UART)      | (138)        |
| NEC | uPD78F1816A | [LQFP48]        | (174)        |
| NEC | uPD78F1816A | [WQFN48]        | (567)        |
| NEC | uPD78F1817  | (ISP-UART)      | (138)        |
| NEC | uPD78F1817  | [LQFP48]        | (174)        |
| NEC | uPD78F1817  | [WQFN48]        | (567)        |
| NEC | uPD78F1817A | (ISP-UART)      | (138)        |
| NEC | uPD78F1817A | [LQFP48]        | (174)        |
| NEC | uPD78F1817A | [WQFN48]        | (567)        |
| NEC | uPD78F1826  | (ISP-UART)      | (138) (9997) |
| NEC | uPD78F1826  | [LQFP48]        | (174)        |
| NEC | uPD78F1826  | [WQFN48]        | (567)        |
| NEC | uPD78F1827  | (ISP-UART)      | (138) (9997) |
| NEC | uPD78F1827  | [LQFP48]        | (174)        |
| NEC | uPD78F1827  | [WQFN48]        | (567)        |
| NEC | uPD78F1828  | (ISP-UART)      | (138) (9997) |
| NEC | uPD78F1828  | [LQFP48]        | (174)        |
| NEC | uPD78F1828  | [WQFN48]        | (567)        |
| NEC | uPD78F1829  | (ISP-UART)      | (138) (9997) |
| NEC | uPD78F1829  | [LQFP48]        | (174)        |
| NEC | uPD78F1829  | [WQFN48]        | (567)        |
| NEC | uPD78F1830  | (ISP-UART)      | (138) (9997) |
| NEC | uPD78F1830  | [LQFP48]        | (174)        |
| NEC | uPD78F1830  | [WQFN48]        | (567)        |
| NEC | uPD78F1831  | [LQFP64]        | (2614)       |
| NEC | uPD78F1832  | [LQFP64]        | (2614)       |
| NEC | uPD78F1833  | [LQFP64]        | (2614)       |
| NEC | uPD78F1834  | [LQFP64]        | (2614)       |
| NEC | uPD78F1835  | [LQFP64]        | (2614)       |
| NEC | uPD78F1841  | (ISP-UART)      | (138)        |
| NEC | uPD78F1841  | [LQFP100 14x14] | (2305)       |
| NEC | uPD78F1842  | (ISP-UART)      | (138)        |
| NEC | uPD78F1842  | [LQFP100 14x14] | (2305)       |
| NEC | uPD78F1843  | (ISP-UART)      | (138)        |

|     |              |                 |              |
|-----|--------------|-----------------|--------------|
| NEC | uPD78F1843   | [LQFP100 14x14] | (2305)       |
| NEC | uPD78F1844   | (ISP-UART)      | (138)        |
| NEC | uPD78F1844   | [LQFP100 14x14] | (2305)       |
| NEC | uPD78F1845   | (ISP-UART)      | (138)        |
| NEC | uPD78F1845   | [LQFP100 14x14] | (2305)       |
| NEC | uPD78F4218A  | (ISP-SPI)       | (138)        |
| NEC | uPD78F4218A  | [LQFP100]       | (903)        |
| NEC | uPD78F4218AY | (ISP-SPI)       | (138)        |
| NEC | uPD78F4218AY | [LQFP100]       | (903)        |
| NEC | uPD78F4225   | [LQFP80 12x12]  | (2892)       |
| NEC | uPD78F4225   | [LQFP80 14x14]  | (2891)       |
| NEC | uPD78F4225Y  | [LQFP80 12x12]  | (2892)       |
| NEC | uPD78F4225Y  | [LQFP80 14x14]  | (2891)       |
| NEC | uPD78F4938A  | [QFP100]        | (3536)       |
| NEC | uPD78F8041   | (ISP-UART)      | (138)        |
| NEC | uPD78F8064   | (ISP-SPI)       | (138) (9997) |
| NEC | uPD78F8064   | [WQFN64]        | (3571)       |
| NEC | uPD78F8065   | (ISP-SPI)       | (138) (9997) |
| NEC | uPD78F8065   | [WQFN64]        | (3571)       |
| NEC | uPD78F8066   | (ISP-SPI)       | (138) (9997) |
| NEC | uPD78F8066   | [WQFN64]        | (3571)       |
| NEC | uPD78F8067   | (ISP-SPI)       | (138) (9997) |
| NEC | uPD78F8067   | [WQFN64]        | (3571)       |
| NEC | uPD78F8068   | (ISP-SPI)       | (138) (9997) |
| NEC | uPD78F8068   | [WQFN64]        | (3571)       |
| NEC | uPD78F8069   | (ISP-SPI)       | (138) (9997) |
| NEC | uPD78F8069   | [WQFN64]        | (3571)       |
| NEC | uPD78F9026A  | (ISP-SPI)       | (138)        |
| NEC | uPD78F9026A  | [LQFP44]        | (94)         |
| NEC | uPD78F9046   | [LQFP44]        | (94)         |
| NEC | uPD78F9076   | [SSOP30]        | (2354)       |
| NEC | uPD78F9088   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9088   | [SSOP30]        | (2354)       |
| NEC | uPD78F9116A  |                 |              |
| NEC | uPD78F9116A  | (ISP-SPI)       | (138)        |
| NEC | uPD78F9116A  | [SSOP30]        | (2354)       |
| NEC | uPD78F9116B  | (ISP-SPI)       | (138)        |
| NEC | uPD78F9116B  | [SSOP30]        | (2354)       |
| NEC | uPD78F9136A  | (ISP-SPI)       | (138)        |
| NEC | uPD78F9136A  | [SSOP30]        | (2354)       |
| NEC | uPD78F9136B  | (ISP-SPI)       | (138)        |
| NEC | uPD78F9136B  | [SSOP30]        | (2354)       |
| NEC | uPD78F9177   | [LQFP44]        | (94)         |
| NEC | uPD78F9177   | [SDIP42]        | (164)        |
| NEC | uPD78F9177A  | (ISP-SPI)       | (138)        |
| NEC | uPD78F9177A  | [QFP44]         | (94)         |
| NEC | uPD78F9177A  | [TQFP48]        | (174)        |
| NEC | uPD78F9177AY | (ISP-SPI)       | (138)        |
| NEC | uPD78F9177AY | [QFP44]         | (94)         |
| NEC | uPD78F9177AY | [TQFP48]        | (174)        |
| NEC | uPD78F9177Y  | [LQFP44]        | (94)         |
| NEC | uPD78F9177Y  | [SDIP42]        | (164)        |
| NEC | uPD78F9177Y  | [TQFP48]        | (174)        |
| NEC | uPD78F9189   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9189   | [SDIP32]        | (175)        |
| NEC | uPD78F9200   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9200   | [SSOP10]        | (1090)       |
| NEC | uPD78F9201   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9201   | [SSOP10]        | (1090)       |
| NEC | uPD78F9202   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9202   | [SSOP10]        | (1090)       |
| NEC | uPD78F9210   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9210   | [SSOP16]        | (1088)       |
| NEC | uPD78F9211   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9211   | [SSOP16]        | (1088)       |
| NEC | uPD78F9212   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9212   | [SSOP16]        | (1088)       |
| NEC | uPD78F9221   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9221   | [SSOP20]        | (2354)       |
| NEC | uPD78F9222   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9222   | [SSOP20]        | (2354)       |
| NEC | uPD78F9224   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9224   | [SSOP20]        | (2354)       |
| NEC | uPD78F9232   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9232   | [SDIP32]        | (175)        |
| NEC | uPD78F9232   | [SSOP30]        | (2354)       |
| NEC | uPD78F9234   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9234   | [SDIP32]        | (175)        |
| NEC | uPD78F9234   | [SSOP30]        | (2354)       |
| NEC | uPD78F9306   | [TQFP64]        | (2615)       |
| NEC | uPD78F9316   | [TQFP64]        | (2615)       |
| NEC | uPD78F9418A  | (ISP-SPI)       | (138)        |
| NEC | uPD78F9418A  | [QFP80]         | (1033)       |
| NEC | uPD78F9418A  | [TQFP80]        | (1032)       |
| NEC | uPD78F9436   | [LQFP64]        | (2614)       |
| NEC | uPD78F9436   | [TQFP64]        | (2615)       |
| NEC | uPD78F9456   | [LQFP64]        | (2614)       |
| NEC | uPD78F9456   | [TQFP64]        | (2615)       |
| NEC | uPD78F9500   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9500   | [SSOP10]        | (1088)       |
| NEC | uPD78F9501   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9501   | [SSOP10]        | (1088)       |
| NEC | uPD78F9502   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9502   | [SSOP10]        | (1088)       |
| NEC | uPD78F9852   | (ISP-SPI)       | (138)        |
| NEC | uPD78F9852   | [QFP44]         | (94)         |
| NEC | uPD78P014    |                 | (17)         |
| NEC | uPD78P014    | [QFP64]         | (648)        |
| NEC | uPD78P014FY  |                 | (17)         |
| NEC | uPD78P014FY  | [QFP64]         | (648)        |
| NEC | uPD78P014Y   |                 | (17)         |
| NEC | uPD78P014Y   | [QFP64]         | (648)        |
| NEC | uPD78P018FY  |                 | (17)         |
| NEC | uPD78P018FY  | [QFP64]         | (648)        |
| NEC | uPD78P018Y   |                 | (17)         |
| NEC | uPD78P018Y   | [QFP64]         | (648)        |
| NEC | uPD78P0308   | [LQFP100]       | (1004)       |
| NEC | uPD78P0308   | [QFP100 14x20]  | (751)        |
| NEC | uPD78P0308Y  | [LQFP100]       | (1004)       |
| NEC | uPD78P0308Y  | [QFP100 14x20]  | (751)        |
| NEC | uPD78P054    | [QFP80]         | (19)         |
| NEC | uPD78P054    | [TQFP80]        | (20)         |
| NEC | uPD78P058    | [QFP80]         | (19)         |
| NEC | uPD78P058F   | [QFP80]         | (19)         |
| NEC | uPD78P058FY  | [QFP80]         | (19)         |
| NEC | uPD78P058Y   | [QFP80]         | (19)         |
| NEC | uPD78P064    | [LQFP100]       | (1004)       |
| NEC | uPD78P064    | [QFP100 14x20]  | (751)        |
| NEC | uPD78P064B   | [LQFP100]       | (1004)       |
| NEC | uPD78P064B   | [QFP100 14x20]  | (751)        |
| NEC | uPD78P064Y   | [QFP100 14x20]  | (751)        |
| NEC | uPD78P078    | [LQFP100]       | (1329)       |
| NEC | uPD78P078    | [QFP100 14x14]  | (1329)       |
| NEC | uPD78P078    | [QFP100 14x20]  | (3674)       |
| NEC | uPD78P078Y   | [LQFP100]       | (1329)       |
| NEC | uPD78P078Y   | [QFP100 14x20]  | (3674)       |
| NEC | uPD78P083    | [QFP44-1]       | (108)        |
| NEC | uPD78P083    | [QFP44-2]       | (106)        |



|                  |                                |               |
|------------------|--------------------------------|---------------|
| NEC              | uPD78P083 [SDIP42]             | (164)         |
| NEC              | uPD78P312A [PLCC68]            | (3673)        |
| NEC              | uPD79F7024 (ISP-SPI)           | (138)         |
| NEC              | uPD79F7024 [SSOP20]            | (2354)        |
| NEC              | uPD79F7025 [LQFP32]            | (3062)        |
| NEC              | uPD79F7026 [LQFP32]            | (3062)        |
| NEC              | uPD79F8513A [LQFP44]           | (94)          |
| NEC              | uPD8048                        |               |
| NEC              | uPD8049                        |               |
| NEC              | uPD80C48                       |               |
| NEC              | uPD8748                        |               |
| NEC              | uPD8748H                       |               |
| NEC              | uPD8749H                       |               |
| Nexflash         | NX25B40 [SOIC8]                | (3095) (*1)   |
| Nexflash         | NX25P10 [SOIC8]                | (3095) (*1)   |
| Nexflash         | NX25P16 [MLP8]                 | (3053) (*1)   |
| Nexflash         | NX25P16 [SOIC16]               | (3101) (*1)   |
| Nexflash         | NX25P16 [SOIC8-200]            | (3088) (*1)   |
| Nexflash         | NX25P20 [SOIC8]                | (3095) (*1)   |
| Nexflash         | NX25P32 [MLP8]                 | (3053) (*1)   |
| Nexflash         | NX25P32 [SOIC16]               | (3101) (*1)   |
| Nexflash         | NX25P40 [SOIC8]                | (3095) (*1)   |
| Nexflash         | NX25P80 [MLP8]                 | (3097) (*1)   |
| Nexflash         | NX25P80 [SOIC8-200]            | (3088) (*1)   |
| Nexflash         | NX29F010                       |               |
| Nexflash         | NX29F010 [PLCC32]              | (1399)        |
| Nexflash         | NX29F010 [TSOP32]              | (1414)        |
| Nik Microelectr. | 24LC02                         |               |
| Nik Microelectr. | 24LC02 (ISP)                   | (138)         |
| Nik Microelectr. | 24LC02 [SOIC8]                 | (950)         |
| Nordic Semicond. | nRF24LE1 (ISP)                 | (138)         |
| Nordic Semicond. | nRF24LE1 [QFN24]               | (1249)        |
| Nordic Semicond. | nRF24LE1 [QFN32]               | (1250)        |
| Nordic Semicond. | nRF24LE1 [QFN48]               | (4671)        |
| Nordic Semicond. | nRF24LE1D (ISP)                | (138)         |
| Nordic Semicond. | nRF24LE1D [QFN24]              | (1249)        |
| Nordic Semicond. | nRF24LE1E (ISP)                | (138)         |
| Nordic Semicond. | nRF24LE1E [QFN32]              | (1250)        |
| Nordic Semicond. | nRF24LE1F (ISP)                | (138)         |
| Nordic Semicond. | nRF24LE1F [QFN48]              | (4671)        |
| Nordic Semicond. | nRF24LE1-F16 (ISP)             | (138)         |
| Nordic Semicond. | nRF24LE1-F16 [QFN24]           | (1249)        |
| Nordic Semicond. | nRF24LE1-F16 [QFN32]           | (1250)        |
| Nordic Semicond. | nRF24LE1-F16 [QFN48]           | (4671)        |
| Nordic Semicond. | nRF24LE1G (ISP)                | (138)         |
| Nordic Semicond. | nRF24LE1G [QFN32]              | (1250)        |
| Nordic Semicond. | nRF24LE1H (ISP)                | (138)         |
| Nordic Semicond. | nRF24LE1H [QFN48]              | (4671)        |
| Nordic Semicond. | nRF24LE1I (ISP)                | (138)         |
| Nordic Semicond. | nRF24LE1I [QFN24]              | (1249)        |
| Nordic Semicond. | nRF24LE1-017 (ISP)             | (138)         |
| Nordic Semicond. | nRF24LE1-017 [QFN24]           | (1249)        |
| Nordic Semicond. | nRF24LE1-017 [QFN32]           | (1250)        |
| Nordic Semicond. | nRF24LE1-017 [QFN48]           | (4671)        |
| Nordic Semicond. | nRF24LU1 (ISP)                 | (138)         |
| Nordic Semicond. | nRF24LU1 [QFN32]               | (4919)        |
| Nordic Semicond. | nRF24LU1-F16 (ISP)             | (138)         |
| Nordic Semicond. | nRF24LU1-F16 [QFN32]           | (4919)        |
| Nordic Semicond. | nRF24LU1P (ISP)                | (138)         |
| Nordic Semicond. | nRF24LU1P [QFN32]              | (4919)        |
| Nordic Semicond. | nRF24LU1P-F16 (ISP)            | (138)         |
| Nordic Semicond. | nRF24LU1P-F16 [QFN32]          | (4919)        |
| Nordic Semicond. | nRF24LU1P-F32 (ISP)            | (138)         |
| Nordic Semicond. | nRF24LU1P-F32 [QFN32]          | (4919)        |
| Nordic Semicond. | nRF24LU1P-017 (ISP)            | (138)         |
| Nordic Semicond. | nRF24LU1P-017 [QFN32]          | (4919)        |
| Nordic Semicond. | nRF31512 (ISP)                 | (138)         |
| Nordic Semicond. | nRF31512 [QFN28]               | (2816)        |
| Nordic Semicond. | nRF31512 [QFN32]               | (2837)        |
| Nordic Semicond. | nRF31562 (ISP)                 | (138)         |
| Nordic Semicond. | nRF31562 [QFN24]               | (2801)        |
| Nordic Semicond. | nRF51422-CEAA [WLCCSP62]       | (3207)        |
| Nordic Semicond. | nRF51422-QFAA [QFN48]          | (2924)        |
| Nordic Semicond. | nRF51422-QFAB [QFN48]          | (2924)        |
| Nordic Semicond. | nRF51422-QFAC [QFN48]          | (2924)        |
| Nordic Semicond. | nRF51422-xxAA (ISP)            | (138) (9997)  |
| Nordic Semicond. | nRF51422-xxAB (ISP)            | (138) (9997)  |
| Nordic Semicond. | nRF51422-xxAC (ISP)            | (138) (9997)  |
| Nordic Semicond. | nRF51802-QFAA [QFN48]          | (2924)        |
| Nordic Semicond. | nRF51802-xxAA (ISP)            | (138) (9997)  |
| Nordic Semicond. | nRF51822-CEAA [WLCCSP62]       | (3207)        |
| Nordic Semicond. | nRF51822-CEAB [WLCCSP62]       | (3207)        |
| Nordic Semicond. | nRF51822-CFAC [WLCCSP62]       | (3664)        |
| Nordic Semicond. | nRF51822-QFAA [QFN48]          | (2924)        |
| Nordic Semicond. | nRF51822-QFAA [QFN48] (HTV-01) | (2924) (9999) |
| Nordic Semicond. | nRF51822-QFAB [QFN48]          | (2924)        |
| Nordic Semicond. | nRF51822-QFAC [QFN48]          | (2924)        |
| Nordic Semicond. | nRF51822-xxAA (ISP)            | (138) (9997)  |
| Nordic Semicond. | nRF51822-xxAB (ISP)            | (138) (9997)  |
| Nordic Semicond. | nRF51822-xxAC (ISP)            | (138) (9997)  |
| Nordic Semicond. | nRF52810-QCAA [QFN32]          | (4810)        |
| Nordic Semicond. | nRF52810-QFAA [QFN48]          | (3639)        |
| Nordic Semicond. | nRF52810-xxAA (ISP)            | (138) (9997)  |
| Nordic Semicond. | nRF52832-QFAA [QFN48]          | (3639)        |
| Nordic Semicond. | nRF52832-QFAB [QFN48]          | (3639)        |
| Nordic Semicond. | nRF52832-xxAA (ISP)            | (138) (9997)  |
| Nordic Semicond. | nRF52832-xxAB (ISP)            | (138) (9997)  |
| Nordic Semicond. | nRF52840-QIAA [AQFN73]         | (4583)        |
| Nordic Semicond. | nRF52840-xxAA (ISP)            | (138) (9997)  |
| Nordic Semicond. | nRFLU1P16 (ISP)                | (138)         |
| Nordic Semicond. | nRFLU1P16 [QFN32]              | (4919)        |
| Nordic Semicond. | nRFLU1PA (ISP)                 | (138)         |
| Nordic Semicond. | nRFLU1PA [QFN32]               | (4919)        |
| Novatek          | AUO-L102.1V [QFN20]            | (3068)        |
| Novatek          | LGP168 [QFP100]                | (4604)        |
| Novatek          | NT50510A [QFP100]              | (4604)        |
| Novatek          | NT68621MEFG-64K [QFP128]       | (769)         |
| Novatek          | NT68623MEFG-128K [QFP128]      | (769)         |
| Novatek          | NT68623MEFG-64K [QFP128]       | (769)         |
| Novatek          | NT68624MFG-128K [QFP128]       | (769)         |
| Novatek          | NT68624MFG-64K [QFP128]        | (769)         |
| Novatek          | NT68625MFG-128K [QFP128]       | (810)         |
| Novatek          | NT68663MEFG-128K [QFP128]      | (769)         |
| Novatek          | NT68663MEFG-64K [QFP128]       | (769)         |
| Novatek          | NT68664MFG-128K [QFP128]       | (769)         |
| Novatek          | NT68664MFG-64K [QFP128]        | (769)         |
| Novatek          | NT68665HMF-128K [QFP128]       | (810)         |
| Novatek          | NT68670TFG-128K (ISP)          | (138)         |
| Novatek          | NT68670TFG-128K [QFP128]       | (810)         |
| Novatek          | NT68F631ALG [PLCC44]           | (67)          |
| Novatek          | NT68F631CL [PLCC44]            | (67)          |
| Novatek          | NT68F631L [PLCC44]             | (67)          |
| Novatek          | NT68F632ALG [PLCC44]           | (67)          |
| Novatek          | NT68F632L [PLCC44]             | (67)          |
| Novatek          | NT68F632U [SDIP42]             | (164)         |
| Novatek          | NT68F633L [PLCC44]             | (67)          |
| Novatek          | NT68F633LG [PLCC44]            | (67)          |
| Novatek          | NT68F633U [SDIP42]             | (164)         |

|         |                                        |        |
|---------|----------------------------------------|--------|
| Novatek | NT68F636L [PLCC44]                     | (67)   |
| Novatek | NT68F636U [SDIP42]                     | (164)  |
| Novatek | NT68F63LA [PLCC44]                     | (67)   |
| Novatek | NT68F63LG [PLCC44]                     | (67)   |
| Novatek | NT68F63LGG [PLCC44]                    | (67)   |
| Novatek | NT68F63UA [SDIP42]                     | (164)  |
| Novatek | NT68F63UG [SDIP42]                     | (164)  |
| Novatek | NT68F63UGG [SDIP42]                    | (164)  |
| Novatek | NT68F65UG [SDIP42]                     | (164)  |
| NTE     | NTE21128                               |        |
| NTE     | NTE2532                                |        |
| NTE     | NTE2708                                | (2)    |
| NTE     | NTE2716                                |        |
| NTE     | NTE2732A                               |        |
| NTE     | NTE2764                                |        |
| Numonyx | 36MY1EE [SCSP133]                      | (1555) |
| Numonyx | 36MY1EE [SCSP133] (BEFP)               | (1555) |
| Numonyx | 36MY1EF [SCSP133]                      | (1555) |
| Numonyx | 36MY1EF [SCSP133] (BEFP)               | (1555) |
| Numonyx | 36MY1EG [SCSP133]                      | (1555) |
| Numonyx | 36MY1EG [SCSP133] (BEFP)               | (1555) |
| Numonyx | 36MY1EH [SCSP133]                      | (1555) |
| Numonyx | 36MY1EH [SCSP133] (BEFP)               | (1555) |
| Numonyx | 37MY1EE [SCSP133]                      | (1555) |
| Numonyx | 37MY1EE [SCSP133] (BEFP)               | (1555) |
| Numonyx | 56MY1EE [SCSP133]                      | (1555) |
| Numonyx | 56MY1EE [SCSP133] (BEFP)               | (1555) |
| Numonyx | 57MY1EE [SCSP133]                      | (1555) |
| Numonyx | 57MY1EE [SCSP133] (BEFP)               | (1555) |
| Numonyx | BR28F320W18T [VFBGA40]                 | (822)  |
| Numonyx | BR28F640W18T [VFBGA40]                 | (822)  |
| Numonyx | GE28F128L18B [VFBGA56]                 | (729)  |
| Numonyx | GE28F128L18T [VFBGA56]                 | (729)  |
| Numonyx | GE28F128L30B [VFBGA56]                 | (729)  |
| Numonyx | GE28F128L30T [VFBGA56]                 | (729)  |
| Numonyx | GE28F128W18B [VFBGA56]                 | (776)  |
| Numonyx | GE28F128W18T [VFBGA56]                 | (776)  |
| Numonyx | GE28F128W30B [VFBGA56]                 | (776)  |
| Numonyx | GE28F128W30T [VFBGA56]                 | (776)  |
| Numonyx | GE28F256L18B [VFBGA79]                 | (1007) |
| Numonyx | GE28F256L18T [VFBGA79]                 | (1007) |
| Numonyx | GE28F256L30B [VFBGA79]                 | (1007) |
| Numonyx | GE28F256L30T [VFBGA79]                 | (1007) |
| Numonyx | GE28F320W18B [VFBGA56]                 | (729)  |
| Numonyx | GE28F320W18T [VFBGA56]                 | (729)  |
| Numonyx | GE28F320W30B [VFBGA56]                 | (729)  |
| Numonyx | GE28F320W30T [VFBGA56]                 | (729)  |
| Numonyx | GE28F640L18B [VFBGA56]                 | (729)  |
| Numonyx | GE28F640L18T [VFBGA56]                 | (729)  |
| Numonyx | GE28F640L30B [VFBGA56]                 | (729)  |
| Numonyx | GE28F640L30T [VFBGA56]                 | (729)  |
| Numonyx | GE28F640W18B [VFBGA56]                 | (729)  |
| Numonyx | GE28F640W18T [VFBGA56]                 | (729)  |
| Numonyx | GE28F640W30B [VFBGA56]                 | (729)  |
| Numonyx | GE28F640W30T [VFBGA56]                 | (729)  |
| Numonyx | GT28F640W18B [uBGA56]                  | (729)  |
| Numonyx | GT28F640W18T [uBGA56]                  | (729)  |
| Numonyx | GT28F640W30B [uBGA56]                  | (729)  |
| Numonyx | GT28F640W30T [uBGA56]                  | (729)  |
| Numonyx | HR28F320W18T [VFBGA40]                 | (822)  |
| Numonyx | HR28F640W18T [VFBGA40]                 | (822)  |
| Numonyx | JR28F032M29EWB [TSOP48]                | (1346) |
| Numonyx | JR28F032M29EWH [TSOP48]                | (1346) |
| Numonyx | JR28F032M29EWL [TSOP48]                | (1346) |
| Numonyx | JR28F032M29EWT [TSOP48]                | (1346) |
| Numonyx | JR28F064M29EWB [TSOP48]                | (1346) |
| Numonyx | JR28F064M29EWH [TSOP48]                | (1346) |
| Numonyx | JR28F064M29EWL [TSOP48]                | (1346) |
| Numonyx | JR28F064M29EWT [TSOP48]                | (1346) |
| Numonyx | JS28F00AM29AWH [TSOP56]                | (3161) |
| Numonyx | JS28F00AM29AWL [TSOP56]                | (3161) |
| Numonyx | JS28F00AM29EWH [TSOP56]                | (3161) |
| Numonyx | JS28F00AM29EWL [TSOP56]                | (3161) |
| Numonyx | JS28F00AP30BF [TSOP56]                 | (1437) |
| Numonyx | JS28F00AP30BF [TSOP56] (BEFP)          | (1437) |
| Numonyx | JS28F00AP30EF [TSOP56]                 | (1437) |
| Numonyx | JS28F00AP30EF [TSOP56] (BEFP)          | (1437) |
| Numonyx | JS28F00AP30TF [TSOP56]                 | (1437) |
| Numonyx | JS28F00AP30TF [TSOP56] (BEFP)          | (1437) |
| Numonyx | JS28F00AP33BF [TSOP56]                 | (1437) |
| Numonyx | JS28F00AP33BF [TSOP56] (BEFP)          | (1437) |
| Numonyx | JS28F00AP33EF [TSOP56]                 | (1437) |
| Numonyx | JS28F00AP33EF [TSOP56] (BEFP)          | (1437) |
| Numonyx | JS28F00AP33TF [TSOP56]                 | (1437) |
| Numonyx | JS28F00AP33TF [TSOP56] (BEFP)          | (1437) |
| Numonyx | JS28F064M29EWB [TSOP56]                | (3080) |
| Numonyx | JS28F064M29EWH [TSOP56]                | (3080) |
| Numonyx | JS28F064M29EWL [TSOP56]                | (3080) |
| Numonyx | JS28F064M29EWT [TSOP56]                | (3080) |
| Numonyx | JS28F128J3D [TSOP56]                   | (1400) |
| Numonyx | JS28F128J3F [TSOP56]                   | (1400) |
| Numonyx | JS28F128M29EWH [TSOP56]                | (3080) |
| Numonyx | JS28F128M29EWH [TSOP56]                | (3080) |
| Numonyx | JS28F128M29EWL [TSOP56]                | (3080) |
| Numonyx | JS28F128P30B [TSOP56]                  | (1404) |
| Numonyx | JS28F128P30B [TSOP56] (BEFP)           | (1404) |
| Numonyx | JS28F128P30BF [TSOP56]                 | (1408) |
| Numonyx | JS28F128P30BF [TSOP56] (BEFP)          | (1408) |
| Numonyx | JS28F128P30T [TSOP56]                  | (1404) |
| Numonyx | JS28F128P30T [TSOP56] (BEFP)           | (1404) |
| Numonyx | JS28F128P30TF [TSOP56]                 | (1408) |
| Numonyx | JS28F128P33B [TSOP56]                  | (1404) |
| Numonyx | JS28F128P33B [TSOP56] (BEFP)           | (1404) |
| Numonyx | JS28F128P33BF [TSOP56]                 | (1404) |
| Numonyx | JS28F128P33BF [TSOP56] (BEFP)          | (1404) |
| Numonyx | JS28F128P33T [TSOP56]                  | (1404) |
| Numonyx | JS28F128P33T [TSOP56] (BEFP)           | (1404) |
| Numonyx | JS28F128P33TF [TSOP56]                 | (1404) |
| Numonyx | JS28F128P33TF [TSOP56] (BEFP)          | (1404) |
| Numonyx | JS28F256J3D [TSOP56]                   | (1400) |
| Numonyx | JS28F256J3F [TSOP56]                   | (1400) |
| Numonyx | JS28F256M29EWH [TSOP56]                | (3080) |
| Numonyx | JS28F256M29EWL [TSOP56]                | (3080) |
| Numonyx | JS28F256P30B [TSOP56] (BEFP) (Flash-5) | (1404) |
| Numonyx | JS28F256P30B [TSOP56] (BEFP) (Flash-9) | (1408) |
| Numonyx | JS28F256P30B [TSOP56] (Flash-5)        | (1404) |
| Numonyx | JS28F256P30B [TSOP56] (Flash-9)        | (1408) |
| Numonyx | JS28F256P30BF [TSOP56]                 | (1408) |
| Numonyx | JS28F256P30BF [TSOP56] (BEFP)          | (1408) |
| Numonyx | JS28F256P30T [TSOP56]                  | (1404) |
| Numonyx | JS28F256P30T [TSOP56] (BEFP)           | (1404) |
| Numonyx | JS28F256P30TF [TSOP56]                 | (1408) |
| Numonyx | JS28F256P30TF [TSOP56] (BEFP)          | (1408) |
| Numonyx | JS28F256P33B [TSOP56]                  | (1404) |
| Numonyx | JS28F256P33B [TSOP56] (BEFP)           | (1404) |
| Numonyx | JS28F256P33BF [TSOP56]                 | (1404) |
| Numonyx | JS28F256P33BF [TSOP56] (BEFP)          | (1404) |
| Numonyx | JS28F256P33T [TSOP56]                  | (1404) |

|         |                |                |                |             |
|---------|----------------|----------------|----------------|-------------|
| Numonyx | JS28F256P33T   | [TSOP56]       | (BEFP)         | (1404)      |
| Numonyx | JS28F256P33TF  | [TSOP56]       |                | (1404)      |
| Numonyx | JS28F256P33TF  | [TSOP56]       | (BEFP)         | (1404)      |
| Numonyx | JS28F320J3D    | [TSOP56]       |                | (1400)      |
| Numonyx | JS28F320J3F    | [TSOP56]       |                | (1400)      |
| Numonyx | JS28F512M29AWH | [TSOP56]       |                | (3080)      |
| Numonyx | JS28F512M29AWL | [TSOP56]       |                | (3080)      |
| Numonyx | JS28F512M29EWH | [TSOP56]       |                | (3080)      |
| Numonyx | JS28F512M29EWL | [TSOP56]       |                | (3080)      |
| Numonyx | JS28F512P30BF  | [TSOP56]       |                | (1408)      |
| Numonyx | JS28F512P30BF  | [TSOP56]       | (BEFP)         | (1408)      |
| Numonyx | JS28F512P30EF  | [TSOP56]       |                | (1408)      |
| Numonyx | JS28F512P30EF  | [TSOP56]       | (BEFP)         | (1408)      |
| Numonyx | JS28F512P30TF  | [TSOP56]       |                | (1408)      |
| Numonyx | JS28F512P30TF  | [TSOP56]       | (BEFP)         | (1408)      |
| Numonyx | JS28F512P33BF  | [TSOP56]       |                | (1408)      |
| Numonyx | JS28F512P33BF  | [TSOP56]       | (BEFP)         | (1408)      |
| Numonyx | JS28F512P33EF  | [TSOP56]       |                | (1408)      |
| Numonyx | JS28F512P33EF  | [TSOP56]       | (BEFP)         | (1408)      |
| Numonyx | JS28F512P33TF  | [TSOP56]       |                | (1408)      |
| Numonyx | JS28F512P33TF  | [TSOP56]       | (BEFP)         | (1408)      |
| Numonyx | JS28F640J3D    | [TSOP56]       |                | (1400)      |
| Numonyx | JS28F640J3F    | [TSOP56]       |                | (1400)      |
| Numonyx | JS28F640P30B   | [TSOP56]       |                | (1404)      |
| Numonyx | JS28F640P30B   | [TSOP56]       | (BEFP)         | (1404)      |
| Numonyx | JS28F640P30BF  | [TSOP56]       |                | (1408)      |
| Numonyx | JS28F640P30BF  | [TSOP56]       | (BEFP)         | (1408)      |
| Numonyx | JS28F640P30T   | [TSOP56]       |                | (1404)      |
| Numonyx | JS28F640P30T   | [TSOP56]       | (BEFP)         | (1404)      |
| Numonyx | JS28F640P30TF  | [TSOP56]       |                | (1408)      |
| Numonyx | JS28F640P30TF  | [TSOP56]       | (BEFP)         | (1408)      |
| Numonyx | JS28F640P33B   | [TSOP56]       |                | (1404)      |
| Numonyx | JS28F640P33B   | [TSOP56]       | (BEFP)         | (1404)      |
| Numonyx | JS28F640P33BF  | [TSOP56]       |                | (1404)      |
| Numonyx | JS28F640P33BF  | [TSOP56]       | (BEFP)         | (1404)      |
| Numonyx | JS28F640P33T   | [TSOP56]       |                | (1404)      |
| Numonyx | JS28F640P33T   | [TSOP56]       | (BEFP)         | (1404)      |
| Numonyx | JS28F640P33TF  | [TSOP56]       |                | (1404)      |
| Numonyx | JS28F640P33TF  | [TSOP56]       | (BEFP)         | (1404)      |
| Numonyx | JS48F4000P0VB  | [TSOP56]       |                | (1404)      |
| Numonyx | JS48F4000P0VT  | [TSOP56]       |                | (1404)      |
| Numonyx | JS48F4400P0TB  | [TSOP56]       |                | (1408)      |
| Numonyx | JS48F4400P0TT  | [TSOP56]       |                | (1408)      |
| Numonyx | JS48F4400P0VB  | [TSOP56]       |                | (1408)      |
| Numonyx | JS48F4400P0VT  | [TSOP56]       |                | (1408)      |
| Numonyx | JZ48F3000L0YB  | [SCSP88]       |                | (637)       |
| Numonyx | JZ48F3000L0YT  | [SCSP88]       |                | (637)       |
| Numonyx | JZ48F3000L0ZB  | [SCSP88]       |                | (638)       |
| Numonyx | JZ48F3000L0ZT  | [SCSP88]       |                | (638)       |
| Numonyx | JZ48F4000L0YB  | [SCSP88]       |                | (804)       |
| Numonyx | JZ48F4000L0YT  | [SCSP88]       |                | (804)       |
| Numonyx | JZ48F4000L0ZB  | [SCSP88]       |                | (805)       |
| Numonyx | JZ48F4000L0ZT  | [SCSP88]       |                | (805)       |
| Numonyx | M25P05-AV      | [ISP]          |                | (138)       |
| Numonyx | M25P05-AV      | [S08]          |                | (3095) (*1) |
| Numonyx | M25P05-AV      | [TSSOP8]       |                | (1388)      |
| Numonyx | M25P05-AV      | [UFDFPN8]      |                | (3934) (*1) |
| Numonyx | M25P05-AV      | [VFQFPN8]      |                | (3097) (*1) |
| Numonyx | M25P10-AV      | [ISP]          |                | (138)       |
| Numonyx | M25P10-AV      | [S08]          |                | (3095) (*1) |
| Numonyx | M25P10-AV      | [UFDFPN8]      |                | (3934) (*1) |
| Numonyx | M25P10-AV      | [VFQFPN8]      |                | (3097) (*1) |
| Numonyx | M25P128-V      | [ISP]          |                | (138)       |
| Numonyx | M25P128-V      | [S016]         |                | (3101) (*1) |
| Numonyx | M25P128-V      | [VDFFPN8]      |                | (3053) (*1) |
| Numonyx | M25P16-V       |                |                |             |
| Numonyx | M25P16-V       | [ISP]          |                | (138)       |
| Numonyx | M25P16-V       | [S016]         |                | (3101) (*1) |
| Numonyx | M25P16-V       | [S08N]         |                | (3095) (*1) |
| Numonyx | M25P16-V       | [S08W]         |                | (3088) (*1) |
| Numonyx | M25P16-V       | [UFDFPN8 4x3]  |                | (2430)      |
| Numonyx | M25P16-V       | [VDFFPN8]      |                | (3053) (*1) |
| Numonyx | M25P16-V       | [VFQFPN8]      |                | (3097) (*1) |
| Numonyx | M25P20-V       | [ISP]          |                | (138)       |
| Numonyx | M25P20-V       | [QFN8L]        |                | (3097) (*1) |
| Numonyx | M25P20-V       | [S08]          |                | (3095) (*1) |
| Numonyx | M25P20-V       | [VFQFPN8]      |                | (3097) (*1) |
| Numonyx | M25P32-V       | [ISP]          |                | (138)       |
| Numonyx | M25P32-V       | [S016]         |                | (3101) (*1) |
| Numonyx | M25P32-V       | [S08W]         |                | (3088) (*1) |
| Numonyx | M25P32-V       | [VDFFPN8]      |                | (3053) (*1) |
| Numonyx | M25P32-V       | [VFQFPN8]      |                | (3097) (*1) |
| Numonyx | M25P40-V       | [ISP]          |                | (138)       |
| Numonyx | M25P40-V       | [DFN8]         |                | (3097) (*1) |
| Numonyx | M25P40-V       | [S08]          |                | (3095) (*1) |
| Numonyx | M25P40-V       | [S08W]         |                | (3088) (*1) |
| Numonyx | M25P40-V       | [UFDFPN8 2x3]  |                | (3934) (*1) |
| Numonyx | M25P40-V       | [UFDFPN8 4x3]  |                | (2430)      |
| Numonyx | M25P40-V       | [VFQFPN8]      |                | (3097) (*1) |
| Numonyx | M25P64-V       | [ISP]          |                | (138)       |
| Numonyx | M25P64-V       | [S016]         |                | (3101) (*1) |
| Numonyx | M25P64-V       | [SOIC16]       | (T9HX Process) | (3101) (*1) |
| Numonyx | M25P64-V       | [VDFFPN8]      |                | (3053) (*1) |
| Numonyx | M25P64-V       | [VDFFPN8]      | (T9HX Process) | (3053) (*1) |
| Numonyx | M25P80-V       |                |                |             |
| Numonyx | M25P80-V       | [ISP]          |                | (138)       |
| Numonyx | M25P80-V       | [S08N]         |                | (3095) (*1) |
| Numonyx | M25P80-V       | [S08W]         |                | (3088) (*1) |
| Numonyx | M25P80-V       | [UFDFPN8 4x3]  |                | (2430)      |
| Numonyx | M25P80-V       | [VFQFPN8]      |                | (3097) (*1) |
| Numonyx | M25PE10-V      | (T9HX Process) | [ISP]          | (138)       |
| Numonyx | M25PE10-V      | (T9HX Process) | [MLP8]         | (3097) (*1) |
| Numonyx | M25PE10-V      | (T9HX Process) | [S08N]         | (3095) (*1) |
| Numonyx | M25PE16-V      | [ISP]          |                | (138)       |
| Numonyx | M25PE16-V      | [S08W]         |                | (3088) (*1) |
| Numonyx | M25PE16-V      | [VFQFPN8]      |                | (3097) (*1) |
| Numonyx | M25PE20-V      | (T9HX Process) | [ISP]          | (138)       |
| Numonyx | M25PE20-V      | (T9HX Process) | [MLP8]         | (3097) (*1) |
| Numonyx | M25PE20-V      | (T9HX Process) | [S08N]         | (3095) (*1) |
| Numonyx | M25PE40-V      | (T9HX Process) | [ISP]          | (138)       |
| Numonyx | M25PE40-V      | (T9HX Process) | [MLP8]         | (3097) (*1) |
| Numonyx | M25PE40-V      | (T9HX Process) | [S08N]         | (3095) (*1) |
| Numonyx | M25PE40-V      | (T9HX Process) | [S08W]         | (3088) (*1) |
| Numonyx | M25PE80-V      | (T9HX Process) | [ISP]          | (138)       |
| Numonyx | M25PE80-V      | (T9HX Process) | [MLP8]         | (3097) (*1) |
| Numonyx | M25PE80-V      | (T9HX Process) | [QFN8L]        | (3097) (*1) |
| Numonyx | M25PE80-V      | (T9HX Process) | [S08N]         | (3095) (*1) |
| Numonyx | M25PE80-V      | (T9HX Process) | [S08W]         | (3088) (*1) |
| Numonyx | M25PX16SOV     | [TBGA24]       |                | (1343) (*1) |
| Numonyx | M25PX16SOV     | [TBGA24]       | (Dual I/O)     | (1343) (*1) |
| Numonyx | M25PX16-V      | [ISP]          |                | (138)       |
| Numonyx | M25PX16-V      | [S08N]         |                | (3095) (*1) |
| Numonyx | M25PX16-V      | [S08N]         | (DualSPI)      | (3095) (*1) |
| Numonyx | M25PX16-V      | [S08W]         |                | (3088) (*1) |
| Numonyx | M25PX16-V      | [S08W]         | (DualSPI)      | (3088) (*1) |
| Numonyx | M25PX16-V      | [TBGA24]       |                | (1343) (*1) |
| Numonyx | M25PX16-V      | [TBGA24]       | (Dual I/O)     | (1343) (*1) |
| Numonyx | M25PX16-V      | [VFQFPN8]      |                | (3097) (*1) |

|         |                |                     |             |
|---------|----------------|---------------------|-------------|
| Numonyx | M25PX16-V      | [VFQFPN8] (DualSPI) | (3097) (*1) |
| Numonyx | M25PX32-V      | (ISP)               | (138)       |
| Numonyx | M25PX32-V      | [S016]              | (3101) (*1) |
| Numonyx | M25PX32-V      | [S016] (DualSPI)    | (3101) (*1) |
| Numonyx | M25PX32-V      | [S08w]              | (3088) (*1) |
| Numonyx | M25PX32-V      | [S08w] (DualSPI)    | (3088) (*1) |
| Numonyx | M25PX32-V      | [TBGA24]            | (1343) (*1) |
| Numonyx | M25PX32-V      | [TBGA24] (Dual I/O) | (1343) (*1) |
| Numonyx | M25PX32-V      | [VFQFPN8]           | (3097) (*1) |
| Numonyx | M25PX32-V      | [VFQFPN8] (DualSPI) | (3097) (*1) |
| Numonyx | M25PX64SOV     | [S016]              | (3101) (*1) |
| Numonyx | M25PX64SOV     | [S016] (Dual I/O)   | (3101) (*1) |
| Numonyx | M25PX64SOV     | [TBGA24]            | (1343) (*1) |
| Numonyx | M25PX64SOV     | [TBGA24] (Dual I/O) | (1343) (*1) |
| Numonyx | M25PX64-V      | (ISP)               | (138)       |
| Numonyx | M25PX64-V      | [S016]              | (3101) (*1) |
| Numonyx | M25PX64-V      | [S016] (DualSPI)    | (3101) (*1) |
| Numonyx | M25PX64-V      | [TBGA24]            | (1343) (*1) |
| Numonyx | M25PX64-V      | [TBGA24] (DualSPI)  | (1343) (*1) |
| Numonyx | M25PX64-V      | [VDFPN8]            | (3053) (*1) |
| Numonyx | M25PX64-V      | [VDFPN8] (DualSPI)  | (3053) (*1) |
| Numonyx | M25PX80-V      |                     |             |
| Numonyx | M25PX80-V      | (ISP)               | (138)       |
| Numonyx | M25PX80-V      | [S08N]              | (3095) (*1) |
| Numonyx | M25PX80-V      | [S08N] (DualSPI)    | (3095) (*1) |
| Numonyx | M25PX80-V      | [S08w]              | (3088) (*1) |
| Numonyx | M25PX80-V      | [S08w] (DualSPI)    | (3088) (*1) |
| Numonyx | M25PX80-V      | [VFQFPN8]           | (3097) (*1) |
| Numonyx | M25PX80-V      | [VFQFPN8] (DualSPI) | (3097) (*1) |
| Numonyx | M28W160CB      | [TSOP48]            | (1346)      |
| Numonyx | M28W160CBxxZB  | [TFBGA46]           | (834)       |
| Numonyx | M28W160CT      | [TSOP48]            | (1346)      |
| Numonyx | M28W160CTxxZB  | [TFBGA46]           | (834)       |
| Numonyx | M28W160ECB     | [TSOP48]            | (1346)      |
| Numonyx | M28W160ECBxxZB | [TFBGA46]           | (834)       |
| Numonyx | M28W160ECT     | [TSOP48]            | (1346)      |
| Numonyx | M28W160ECTxxZB | [TFBGA46]           | (834)       |
| Numonyx | M28W160FSB     | [TBGA64]            | (589)       |
| Numonyx | M28W160FST     | [TBGA64]            | (589)       |
| Numonyx | M28W320FCB     | [TSOP48]            | (1346)      |
| Numonyx | M28W320FCBxxZB | [TFBGA47]           | (834)       |
| Numonyx | M28W320FCT     | [TSOP48]            | (1346)      |
| Numonyx | M28W320FCTxxZB | [TFBGA47]           | (834)       |
| Numonyx | M28W320HCB     | [TSOP48]            | (1346)      |
| Numonyx | M28W320HCBxxZB | [TFBGA47]           | (774)       |
| Numonyx | M28W320HCT     | [TSOP48]            | (1346)      |
| Numonyx | M28W320HCTxxZB | [TFBGA47]           | (774)       |
| Numonyx | M28W640FCB     | [TSOP48]            | (1346)      |
| Numonyx | M28W640FCBxxZB | [TFBGA48]           | (1017)      |
| Numonyx | M28W640FCT     | [TSOP48]            | (1346)      |
| Numonyx | M28W640FCTxxZB | [TFBGA48]           | (1017)      |
| Numonyx | M28W640HCB     | [TSOP48]            | (1346)      |
| Numonyx | M28W640HCBxxZB | [TBGA48]            | (1017)      |
| Numonyx | M28W640HCT     | [TSOP48]            | (1346)      |
| Numonyx | M28W640HCTxxZB | [TBGA48]            | (1017)      |
| Numonyx | M29Dw127G      | [TBGA64]            | (775)       |
| Numonyx | M29Dw127G      | [TSOP56]            | (3080)      |
| Numonyx | M29Dw128F      | [TBGA64]            | (775)       |
| Numonyx | M29Dw128F      | [TSOP56]            | (3080)      |
| Numonyx | M29Dw128G      | [TBGA64]            | (775)       |
| Numonyx | M29Dw128G      | [TSOP56]            | (3080)      |
| Numonyx | M29Dw256G      | [FBGA64]            | (1319)      |
| Numonyx | M29Dw256G      | [TBGA64]            | (775)       |
| Numonyx | M29Dw256G      | [TSOP56]            | (3080)      |
| Numonyx | M29Dw323DB     | [TSOP48]            | (1346)      |
| Numonyx | M29Dw323DBxxZE | [TFBGA48]           | (859)       |
| Numonyx | M29Dw323DT     | [TSOP48]            | (1346)      |
| Numonyx | M29Dw323DTxxZE | [TFBGA48]           | (859)       |
| Numonyx | M29Dw641F      | [TFBGA48]           | (859)       |
| Numonyx | M29Dw641F      | [TSOP48]            | (1346)      |
| Numonyx | M29F160FB      | [TSOP48]            | (1346)      |
| Numonyx | M29F160FT      | [TSOP48]            | (1346)      |
| Numonyx | M29F200FB      | [PSOP44]            | (1356)      |
| Numonyx | M29F200FB      | [TSOP48]            | (1346)      |
| Numonyx | M29F200FT      | [PSOP44]            | (1356)      |
| Numonyx | M29F200FT      | [TSOP48]            | (1346)      |
| Numonyx | M29F400FB      | [PSOP44]            | (1356)      |
| Numonyx | M29F400FB      | [TSOP48]            | (1346)      |
| Numonyx | M29F400FT      | [PSOP44]            | (1356)      |
| Numonyx | M29F400FT      | [TSOP48]            | (1346)      |
| Numonyx | M29F800FB      | [PSOP44]            | (1356)      |
| Numonyx | M29F800FB      | [TSOP48]            | (1346)      |
| Numonyx | M29F800FT      | [PSOP44]            | (1356)      |
| Numonyx | M29F800FT      | [TSOP48]            | (1346)      |
| Numonyx | M29W064FB      | [TSOP48]            | (1346)      |
| Numonyx | M29W064FBxxZA  | [TFBGA48]           | (859)       |
| Numonyx | M29W064FT      | [TSOP48]            | (1346)      |
| Numonyx | M29W064FTxxZA  | [TFBGA48]           | (859)       |
| Numonyx | M29W128FHxxN   | [TSOP56]            | (3080)      |
| Numonyx | M29W128FHxxZA  | [TBGA64]            | (775)       |
| Numonyx | M29W128FLxxN   | [TSOP56]            | (3080)      |
| Numonyx | M29W128FLxxZA  | [TBGA64]            | (775)       |
| Numonyx | M29W128GHxxN   | [TSOP56]            | (3080)      |
| Numonyx | M29W128GHxxZA  | [TBGA64]            | (775)       |
| Numonyx | M29W128GHxxZS  | [LBGA64]            | (1319)      |
| Numonyx | M29W128GLxxN   | [TSOP56]            | (3080)      |
| Numonyx | M29W128GLxxZA  | [TBGA64]            | (775)       |
| Numonyx | M29W128GLxxZS  | [LBGA64]            | (1319)      |
| Numonyx | M29W128GSHxxN  | [TSOP56]            | (3080)      |
| Numonyx | M29W128GSHxxZA | [TBGA64]            | (775)       |
| Numonyx | M29W128GSHxxZS | [LBGA64]            | (1319)      |
| Numonyx | M29W128GSLxxN  | [TSOP56]            | (3080)      |
| Numonyx | M29W128GSLxxZA | [TBGA64]            | (775)       |
| Numonyx | M29W128GSLxxZS | [LBGA64]            | (1319)      |
| Numonyx | M29W160EBxxN   | [TSOP48]            | (1346)      |
| Numonyx | M29W160EBxxZA  | [TFBGA48]           | (859)       |
| Numonyx | M29W160EBxxZS  | [TFBGA64]           | (922)       |
| Numonyx | M29W160ETxxN   | [TSOP48]            | (1346)      |
| Numonyx | M29W160ETxxZA  | [TFBGA48]           | (859)       |
| Numonyx | M29W160ETxxZS  | [TFBGA64]           | (922)       |
| Numonyx | M29W256GHxxN   | [TSOP56]            | (3080)      |
| Numonyx | M29W256GHxxZA  | [TBGA64]            | (1233)      |
| Numonyx | M29W256GHxxZS  | [LBGA64]            | (938)       |
| Numonyx | M29W256GLxxN   | [TSOP56]            | (3080)      |
| Numonyx | M29W256GLxxZA  | [TBGA64]            | (1233)      |
| Numonyx | M29W256GLxxZS  | [LBGA64]            | (938)       |
| Numonyx | M29W256GSHxxZS | [FBGA64]            | (1319)      |
| Numonyx | M29W256GSLxxZS | [FBGA64]            | (1319)      |
| Numonyx | M29W320DB      | [TSOP48]            | (1346)      |
| Numonyx | M29W320DBxxZE  | [TFBGA48]           | (859)       |
| Numonyx | M29W320DT      | [TSOP48]            | (1346)      |
| Numonyx | M29W320DTxxZE  | [TFBGA48]           | (859)       |
| Numonyx | M29W320EB      | [TSOP48]            | (1346)      |
| Numonyx | M29W320EBxxZE  | [TFBGA48]           | (859)       |
| Numonyx | M29W320EBxxZF  | [TFBGA64]           | (543)       |
| Numonyx | M29W320EBxxZS  | [FBGA64]            | (922)       |
| Numonyx | M29W320ET      | [TSOP48]            | (1346)      |
| Numonyx | M29W320ETxxZE  | [TFBGA48]           | (859)       |

|         |                               |        |
|---------|-------------------------------|--------|
| Numonyx | M29w320ETxxZF [TFBGA64]       | (543)  |
| Numonyx | M29w320ETxxZS [FBGA64]        | (922)  |
| Numonyx | M29w400DB [PSOP44]            | (1356) |
| Numonyx | M29w400DB [TSOP48]            | (1346) |
| Numonyx | M29w400DBxxZA [TFBGA48]       | (536)  |
| Numonyx | M29w400DBxxZE [TFBGA48]       | (859)  |
| Numonyx | M29w400DT [PSOP44]            | (1356) |
| Numonyx | M29w400DT [TSOP48]            | (1346) |
| Numonyx | M29w400DTxxZA [TFBGA48]       | (536)  |
| Numonyx | M29w400DTxxZE [TFBGA48]       | (859)  |
| Numonyx | M29w400FB [TSOP48]            | (1346) |
| Numonyx | M29w400FBxxZA [TFBGA48]       | (859)  |
| Numonyx | M29w400FT [TSOP48]            | (1346) |
| Numonyx | M29w400FTxxZA [TFBGA48]       | (859)  |
| Numonyx | M29w640FB [TSOP48]            | (1346) |
| Numonyx | M29w640FBxxZA [TFBGA48]       | (859)  |
| Numonyx | M29w640FT [TSOP48]            | (1346) |
| Numonyx | M29w640FTxxZA [TFBGA48]       | (859)  |
| Numonyx | M29w640GB [TSOP48]            | (1346) |
| Numonyx | M29w640GB [TSOP56]            | (3080) |
| Numonyx | M29w640GBxxZA [TFBGA48]       | (859)  |
| Numonyx | M29w640GBxxZF [TFBGA64]       | (543)  |
| Numonyx | M29w640GBxxZS [FBGA64]        | (922)  |
| Numonyx | M29w640GH [TSOP48]            | (1346) |
| Numonyx | M29w640GH [TSOP56]            | (3080) |
| Numonyx | M29w640GHxxZA [TFBGA48]       | (859)  |
| Numonyx | M29w640GHxxZF [TFBGA64]       | (543)  |
| Numonyx | M29w640GHxxZS [FBGA64]        | (922)  |
| Numonyx | M29w640GL [TSOP48]            | (1346) |
| Numonyx | M29w640GL [TSOP56]            | (3080) |
| Numonyx | M29w640GLxxZA [TFBGA48]       | (859)  |
| Numonyx | M29w640GLxxZF [TFBGA64]       | (543)  |
| Numonyx | M29w640GLxxZS [FBGA64]        | (922)  |
| Numonyx | M29w640GSBxxNA [TSOP48]       | (1346) |
| Numonyx | M29w640GSBxxNB [TSOP56]       | (3080) |
| Numonyx | M29w640GSBxxZA [TFBGA48]      | (859)  |
| Numonyx | M29w640GSBxxZF [TBGA64]       | (775)  |
| Numonyx | M29w640GSBxxZS [FBGA64]       | (1319) |
| Numonyx | M29w640GSHxxNA [TSOP48]       | (1346) |
| Numonyx | M29w640GSHxxNB [TSOP56]       | (3080) |
| Numonyx | M29w640GSHxxZA [TFBGA48]      | (859)  |
| Numonyx | M29w640GSHxxZF [TBGA64]       | (775)  |
| Numonyx | M29w640GSHxxZS [FBGA64]       | (1319) |
| Numonyx | M29w640GSLxxNA [TSOP48]       | (1346) |
| Numonyx | M29w640GSLxxNB [TSOP56]       | (3080) |
| Numonyx | M29w640GSLxxZA [TFBGA48]      | (859)  |
| Numonyx | M29w640GSLxxZF [TBGA64]       | (775)  |
| Numonyx | M29w640GSLxxZS [FBGA64]       | (1319) |
| Numonyx | M29w640GSTxxNA [TSOP48]       | (1346) |
| Numonyx | M29w640GSTxxNB [TSOP56]       | (3080) |
| Numonyx | M29w640GSTxxZA [TFBGA48]      | (859)  |
| Numonyx | M29w640GSTxxZF [TBGA64]       | (775)  |
| Numonyx | M29w640GSTxxZS [FBGA64]       | (1319) |
| Numonyx | M29w640GT [TSOP48]            | (1346) |
| Numonyx | M29w640GT [TSOP56]            | (3080) |
| Numonyx | M29w640GTxxZA [TFBGA48]       | (859)  |
| Numonyx | M29w640GTxxZF [TFBGA64]       | (543)  |
| Numonyx | M29w640GTxxZS [FBGA64]        | (922)  |
| Numonyx | M29w800DB [PSOP44]            | (1356) |
| Numonyx | M29w800DB [TSOP48]            | (1346) |
| Numonyx | M29w800DBxxZA [TFBGA48]       | (536)  |
| Numonyx | M29w800DBxxZE [TFBGA48]       | (859)  |
| Numonyx | M29w800DT [PSOP44]            | (1356) |
| Numonyx | M29w800DT [TSOP48]            | (1346) |
| Numonyx | M29w800DTxxZA [TFBGA48]       | (536)  |
| Numonyx | M29w800DTxxZE [TFBGA48]       | (859)  |
| Numonyx | M29w800FBxxZA [TFBGA48]       | (859)  |
| Numonyx | M29w800FTxxZA [TFBGA48]       | (859)  |
| Numonyx | M36A0w5030BxZAI [LFBGA66]     | (901)  |
| Numonyx | M36A0w5030TxZAI [LFBGA66]     | (901)  |
| Numonyx | M36C0w5030B0 [TFBGA56]        | (1274) |
| Numonyx | M36C0w5030T0 [TFBGA56]        | (1274) |
| Numonyx | M36C0w5040B0 [TFBGA56]        | (1274) |
| Numonyx | M36C0w5040T0 [TFBGA56]        | (1274) |
| Numonyx | M36C0w6040B0 [TFBGA56]        | (1274) |
| Numonyx | M36C0w6040T0 [TFBGA56]        | (1274) |
| Numonyx | M36C0w6050B0 [TFBGA56]        | (1274) |
| Numonyx | M36C0w6050T0 [TFBGA56]        | (1274) |
| Numonyx | M36L0R7050B4 [TFBGA88]        | (637)  |
| Numonyx | M36L0R7050B4 (BEFP) [TFBGA88] | (637)  |
| Numonyx | M36L0R7050T4 [TFBGA88]        | (637)  |
| Numonyx | M36L0R7050T4 (BEFP) [TFBGA88] | (637)  |
| Numonyx | M36L0R7060B1 [TFBGA88]        | (637)  |
| Numonyx | M36L0R7060B1 (BEFP) [TFBGA88] | (637)  |
| Numonyx | M36L0R7060T1 [TFBGA88]        | (637)  |
| Numonyx | M36L0R7060T1 (BEFP) [TFBGA88] | (637)  |
| Numonyx | M36L0R8060B9 [TFBGA88]        | (637)  |
| Numonyx | M36L0R8060B9 (BEFP) [TFBGA88] | (637)  |
| Numonyx | M36L0R8060T9 [TFBGA88]        | (637)  |
| Numonyx | M36L0R8060T9 (BEFP) [TFBGA88] | (637)  |
| Numonyx | M36L0T7050B2 [TFBGA88]        | (638)  |
| Numonyx | M36L0T7050B2 (BEFP) [TFBGA88] | (638)  |
| Numonyx | M36L0T7050T2 [TFBGA88]        | (638)  |
| Numonyx | M36L0T7050T2 (BEFP) [TFBGA88] | (638)  |
| Numonyx | M36L0T7060B2 [TFBGA88]        | (638)  |
| Numonyx | M36L0T7060B2 (BEFP) [TFBGA88] | (638)  |
| Numonyx | M36L0T7060B3 [TFBGA88]        | (638)  |
| Numonyx | M36L0T7060B3 (BEFP) [TFBGA88] | (638)  |
| Numonyx | M36L0T7060T2 [TFBGA88]        | (638)  |
| Numonyx | M36L0T7060T2 (BEFP) [TFBGA88] | (638)  |
| Numonyx | M36L0T7060T3 [TFBGA88]        | (638)  |
| Numonyx | M36L0T7060T3 (BEFP) [TFBGA88] | (638)  |
| Numonyx | M36P0R8060E0 [TFBGA107]       | (1140) |
| Numonyx | M36P0R8070E0 [TFBGA107]       | (1140) |
| Numonyx | M36P0R9060E0 [TFBGA107]       | (1140) |
| Numonyx | M36P0R9060N0 [TFBGA107]       | (1223) |
| Numonyx | M36P0R9070E0 [TFBGA107]       | (1140) |
| Numonyx | M36W0R5030B8 [TFBGA88]        | (802)  |
| Numonyx | M36W0R5030T8 [TFBGA88]        | (802)  |
| Numonyx | M36W0R5030U5 [TFBGA88]        | (910)  |
| Numonyx | M36W0R5040B3 [TFBGA88]        | (802)  |
| Numonyx | M36W0R5040B5 [TFBGA88]        | (802)  |
| Numonyx | M36W0R5040B7 [TFBGA88]        | (802)  |
| Numonyx | M36W0R5040B8 [TFBGA88]        | (802)  |
| Numonyx | M36W0R5040L4 [TFBGA56]        | (1054) |
| Numonyx | M36W0R5040L4 [TFBGA88]        | (910)  |
| Numonyx | M36W0R5040L6 [TFBGA52]        | (1282) |
| Numonyx | M36W0R5040T3 [TFBGA88]        | (802)  |
| Numonyx | M36W0R5040T5 [TFBGA88]        | (802)  |
| Numonyx | M36W0R5040T7 [TFBGA88]        | (802)  |
| Numonyx | M36W0R5040T8 [TFBGA88]        | (802)  |
| Numonyx | M36W0R5040U4 [TFBGA56]        | (1054) |
| Numonyx | M36W0R5040U4 [TFBGA88]        | (910)  |
| Numonyx | M36W0R5040U5 [TFBGA88]        | (910)  |
| Numonyx | M36W0R5040U6 [TFBGA52]        | (1282) |
| Numonyx | M36W0R6040B1 [TFBGA88]        | (802)  |
| Numonyx | M36W0R6040B3 [TFBGA88]        | (802)  |
| Numonyx | M36W0R6040B8 [TFBGA88]        | (802)  |

|         |                |                   |             |
|---------|----------------|-------------------|-------------|
| Numonyx | M36w0R6040L4   | [TFBGA56]         | (1054)      |
| Numonyx | M36w0R6040L4   | [TFBGA88]         | (910)       |
| Numonyx | M36w0R6040L6   | [TFBGA52]         | (1282)      |
| Numonyx | M36w0R6040T1   | [TFBGA88]         | (802)       |
| Numonyx | M36w0R6040T3   | [TFBGA88]         | (802)       |
| Numonyx | M36w0R6040T8   | [TFBGA88]         | (802)       |
| Numonyx | M36w0R6040U4   | [TFBGA56]         | (1054)      |
| Numonyx | M36w0R6040U4   | [TFBGA88]         | (910)       |
| Numonyx | M36w0R6040U5   | [TFBGA88]         | (910)       |
| Numonyx | M36w0R6040U6   | [TFBGA52]         | (1282)      |
| Numonyx | M36w0R6050B1   | [TFBGA88]         | (802)       |
| Numonyx | M36w0R6050B3   | [TFBGA88]         | (802)       |
| Numonyx | M36w0R6050L0   | [TFBGA88]         | (910)       |
| Numonyx | M36w0R6050L4   | [TFBGA56]         | (1054)      |
| Numonyx | M36w0R6050L4   | [TFBGA88]         | (910)       |
| Numonyx | M36w0R6050T1   | [TFBGA88]         | (802)       |
| Numonyx | M36w0R6050T3   | [TFBGA88]         | (802)       |
| Numonyx | M36w0R6050U0   | [TFBGA88]         | (910)       |
| Numonyx | M36w0R6050U4   | [TFBGA56]         | (1054)      |
| Numonyx | M36w0R6050U4   | [TFBGA88]         | (910)       |
| Numonyx | M36w0R6050U5   | [TFBGA88]         | (910)       |
| Numonyx | M36w0T5040B0   | [TFBGA88]         | (638)       |
| Numonyx | M36w0T5040B1   | [TFBGA88]         | (638)       |
| Numonyx | M36w0T5040T0   | [TFBGA88]         | (638)       |
| Numonyx | M36w0T5040T1   | [TFBGA88]         | (638)       |
| Numonyx | M36w0T6040B3   | [TFBGA88]         | (638)       |
| Numonyx | M36w0T6040T3   | [TFBGA88]         | (638)       |
| Numonyx | M36w0T6050B3   | [TFBGA88]         | (638)       |
| Numonyx | M36w0T6050T3   | [TFBGA88]         | (638)       |
| Numonyx | M39P0R1080E4   | [TFBGA165]        | (1471)      |
| Numonyx | M39P0R8070E    | [TFBGA105]        | (1182)      |
| Numonyx | M39P0R9070E    | [TFBGA105]        | (1182)      |
| Numonyx | M39P0R9080E4   | [TFBGA165]        | (1471)      |
| Numonyx | M45PE10-V      | [ISP]             | (138)       |
| Numonyx | M45PE10-V      | [S08N]            | (1396)      |
| Numonyx | M45PE10-V      | [VFQFPN8]         | (1391)      |
| Numonyx | M45PE16-V      | [ISP]             | (138)       |
| Numonyx | M45PE16-V      | [S08W]            | (3104) (*1) |
| Numonyx | M45PE16-V      | [VFQFPN8]         | (1391)      |
| Numonyx | M45PE20-V      | [ISP]             | (138)       |
| Numonyx | M45PE20-V      | [S0IC8]           | (1396)      |
| Numonyx | M45PE20-V      | [VFQFPN8]         | (1391)      |
| Numonyx | M45PE40-V      | [ISP]             | (138)       |
| Numonyx | M45PE40-V      | [S08N]            | (1396)      |
| Numonyx | M45PE40-V      | [S08W]            | (3104) (*1) |
| Numonyx | M45PE40-V      | [VFQFPN8]         | (1391)      |
| Numonyx | M45PE80-V      | [ISP]             | (138)       |
| Numonyx | M45PE80-V      | [S08N]            | (1396)      |
| Numonyx | M45PE80-V      | [S08W]            | (3104) (*1) |
| Numonyx | M45PE80-V      | [VFQFPN8]         | (1391)      |
| Numonyx | M58BW016DB     | [PQFP80]          | (471)       |
| Numonyx | M58BW016DT     | [PQFP80]          | (471)       |
| Numonyx | M58BW016FB     | [PQFP80]          | (471)       |
| Numonyx | M58BW016FT     | [PQFP80]          | (471)       |
| Numonyx | M58LR128HCxxZB | [VFBGA44]         | (1023)      |
| Numonyx | M58LR128HDxxZB | [VFBGA44]         | (1023)      |
| Numonyx | M58LR128KB     | [VFBGA56]         | (729)       |
| Numonyx | M58LR128KC     | [TFBGA44]         | (1022)      |
| Numonyx | M58LR128KD     | [TFBGA44]         | (1022)      |
| Numonyx | M58LR128KT     | [VFBGA56]         | (729)       |
| Numonyx | M58LR256KB     | [TFBGA88]         | (637)       |
| Numonyx | M58LR256KB     | [VFBGA79]         | (1007)      |
| Numonyx | M58LR256KC     | [TFBGA44]         | (1022)      |
| Numonyx | M58LR256KD     | [TFBGA44]         | (1022)      |
| Numonyx | M58LR256KT     | [TFBGA88]         | (637)       |
| Numonyx | M58LR256KT     | [VFBGA79]         | (1007)      |
| Numonyx | M58LT128HSBxZA | [TBGA64]          | (1260)      |
| Numonyx | M58LT128HSTxZA | [TBGA64]          | (1260)      |
| Numonyx | M58LT128KSBxZA | [TBGA64]          | (1260)      |
| Numonyx | M58LT128KSTxZA | [TBGA64]          | (1260)      |
| Numonyx | M58LT256GSBxZA | [TBGA64]          | (1262)      |
| Numonyx | M58LT256GSTxZA | [TBGA64]          | (1262)      |
| Numonyx | M58LT256JSBxZA | [TBGA64]          | (1262)      |
| Numonyx | M58LT256JSTxZA | [TBGA64]          | (1262)      |
| Numonyx | M58LT256KSBxZA | [TBGA64]          | (1262)      |
| Numonyx | M58LT256KSTxZA | [TBGA64]          | (1262)      |
| Numonyx | M58PR001LE     | [TFBGA105]        | (1192)      |
| Numonyx | M58PR001LE     | [TFBGA107]        | (1140)      |
| Numonyx | M58PR256LE     | [TFBGA105]        | (1192)      |
| Numonyx | M58PR256LE     | [TFBGA107]        | (1140)      |
| Numonyx | M58PR512LE     | [TFBGA105]        | (1192)      |
| Numonyx | M58PR512LE     | [TFBGA107]        | (1140)      |
| Numonyx | M58WR016KB     | [TFBGA88]         | (637)       |
| Numonyx | M58WR016KB     | [VFBGA56]         | (729)       |
| Numonyx | M58WR016KL     | [VFBGA44]         | (652)       |
| Numonyx | M58WR016KT     | [TFBGA88]         | (637)       |
| Numonyx | M58WR016KT     | [VFBGA56]         | (729)       |
| Numonyx | M58WR016KU     | [VFBGA44]         | (652)       |
| Numonyx | M58WR016QB     | [VFBGA56]         | (729)       |
| Numonyx | M58WR016QT     | [VFBGA56]         | (729)       |
| Numonyx | M58WR032KB     | [TFBGA88]         | (637)       |
| Numonyx | M58WR032KB     | [VFBGA56]         | (729)       |
| Numonyx | M58WR032KL     | [VFBGA44]         | (652)       |
| Numonyx | M58WR032KT     | [TFBGA88]         | (637)       |
| Numonyx | M58WR032KT     | [VFBGA56]         | (729)       |
| Numonyx | M58WR032KU     | [VFBGA44]         | (652)       |
| Numonyx | M58WR032QB     | [VFBGA56]         | (729)       |
| Numonyx | M58WR032QT     | [VFBGA56]         | (729)       |
| Numonyx | M58WR064HB     | [VFBGA56]         | (729)       |
| Numonyx | M58WR064HLxxZA | [VFBGA44]         | (652)       |
| Numonyx | M58WR064HLxxZB | [VFBGA44]         | (1023)      |
| Numonyx | M58WR064HT     | [VFBGA56]         | (729)       |
| Numonyx | M58WR064HUXxZA | [VFBGA44]         | (652)       |
| Numonyx | M58WR064HUXxZB | [VFBGA44]         | (1023)      |
| Numonyx | M58WR064KB     | [TFBGA88]         | (637)       |
| Numonyx | M58WR064KB     | [VFBGA56]         | (729)       |
| Numonyx | M58WR064KL     | [VFBGA44]         | (652)       |
| Numonyx | M58WR064KT     | [TFBGA88]         | (637)       |
| Numonyx | M58WR064KT     | [VFBGA56]         | (729)       |
| Numonyx | M58WR064KU     | [VFBGA44]         | (652)       |
| Numonyx | M58WT032KB     | [TFBGA88]         | (638)       |
| Numonyx | M58WT032KT     | [TFBGA88]         | (638)       |
| Numonyx | M58WT064KB     | [TFBGA88]         | (638)       |
| Numonyx | M58WT064KT     | [TFBGA88]         | (638)       |
| Numonyx | N25Q032Ax1E    | [ISP]             | (138)       |
| Numonyx | N25Q032Ax1E    | [S016]            | (3101) (*1) |
| Numonyx | N25Q032Ax1E    | [S08N]            | (3095) (*1) |
| Numonyx | N25Q032Ax1E    | [S08W]            | (3088) (*1) |
| Numonyx | N25Q032Ax1E    | [TBGA24]          | (1343) (*1) |
| Numonyx | N25Q032Ax1E    | [UFDFFN8 4x3]     | (2430)      |
| Numonyx | N25Q032Ax1E    | [VDFPN8 6x5]      | (3097) (*1) |
| Numonyx | N25Q032Ax1E    | [VDFPN8 8x6]      | (3053) (*1) |
| Numonyx | N25Q032Ax3E    | [ISP]             | (138)       |
| Numonyx | N25Q032Ax3E    | [S016]            | (3101) (*1) |
| Numonyx | N25Q032Ax3E    | [S016] (Quad I/O) | (3101) (*1) |
| Numonyx | N25Q032Ax3E    | [S08N]            | (3095) (*1) |
| Numonyx | N25Q032Ax3E    | [S08N] (Quad I/O) | (3095) (*1) |
| Numonyx | N25Q032Ax3E    | [S08W]            | (3088) (*1) |

|         |                 |                |            |        |      |
|---------|-----------------|----------------|------------|--------|------|
| Numonyx | N25Q032Ax3E     | [SO8w]         | (Quad I/O) | (3088) | (*1) |
| Numonyx | N25Q032Ax3E     | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q032Ax3E     | [TBGA24]       | (Quad I/O) | (1343) | (*1) |
| Numonyx | N25Q032Ax3E     | [UFDFFPN8 4x3] |            | (2430) |      |
| Numonyx | N25Q032Ax3E     | [UFDFFPN8 4x3] | (Quad I/O) | (2430) |      |
| Numonyx | N25Q032Ax3E     | [VDFPN8 6x5]   |            | (3097) | (*1) |
| Numonyx | N25Q032Ax3E     | [VDFPN8 6x5]   | (Quad I/O) | (3097) | (*1) |
| Numonyx | N25Q032Ax3E     | [VDFPN8 8x6]   |            | (3053) | (*1) |
| Numonyx | N25Q032Ax3E     | [VDFPN8 8x6]   | (Quad I/O) | (3053) | (*1) |
| Numonyx | N25Q064Ax1E     | [ISP]          |            | (138)  |      |
| Numonyx | N25Q064Ax1E     | [SO16]         |            | (3101) | (*1) |
| Numonyx | N25Q064Ax1E     | [SO8w]         |            | (3088) | (*1) |
| Numonyx | N25Q064Ax1E     | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q064Ax1E     | [VDFPN8 6x5]   |            | (3097) | (*1) |
| Numonyx | N25Q064Ax1E     | [VDFPN8 8x6]   |            | (3053) | (*1) |
| Numonyx | N25Q064Ax3E     | [ISP]          |            | (138)  |      |
| Numonyx | N25Q064Ax3E     | [SO16]         |            | (3101) | (*1) |
| Numonyx | N25Q064Ax3E     | [SO16]         | (Quad I/O) | (3101) | (*1) |
| Numonyx | N25Q064Ax3E     | [SO8N]         |            | (3095) | (*1) |
| Numonyx | N25Q064Ax3E     | [SO8N]         | (Quad I/O) | (3095) | (*1) |
| Numonyx | N25Q064Ax3E     | [SO8w]         |            | (3088) | (*1) |
| Numonyx | N25Q064Ax3E     | [SO8w]         | (Quad I/O) | (3088) | (*1) |
| Numonyx | N25Q064Ax3E     | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q064Ax3E     | [TBGA24]       | (Quad I/O) | (1343) | (*1) |
| Numonyx | N25Q064Ax3E     | [VDFPN8 6x5]   |            | (3097) | (*1) |
| Numonyx | N25Q064Ax3E     | [VDFPN8 6x5]   | (Quad I/O) | (3097) | (*1) |
| Numonyx | N25Q064Ax3E     | [VDFPN8 8x6]   |            | (3053) | (*1) |
| Numonyx | N25Q064Ax3E     | [VDFPN8 8x6]   | (Quad I/O) | (3053) | (*1) |
| Numonyx | N25Q128A11B     | [SO16]         |            | (3101) | (*1) |
| Numonyx | N25Q128A11B     | [SO16]         | (Quad I/O) | (3100) | (*1) |
| Numonyx | N25Q128A11B     | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q128A11B     | [TBGA24]       | (Quad I/O) | (3122) |      |
| Numonyx | N25Q128A11B     | [VDFPN8 8x6]   |            | (3053) | (*1) |
| Numonyx | N25Q128A11B     | [VDFPN8 8x6]   | (Quad I/O) | (3926) | (*1) |
| Numonyx | N25Q128A11E     | [SO16]         | (Quad I/O) | (3100) | (*1) |
| Numonyx | N25Q128A13B     | [SO16w]        |            | (3101) | (*1) |
| Numonyx | N25Q128A13B     | [SO16w]        | (Quad I/O) | (3101) | (*1) |
| Numonyx | N25Q128A13B     | [VDFPN8 8x6]   |            | (3053) | (*1) |
| Numonyx | N25Q128A13B     | [VDFPN8 8x6]   | (Quad I/O) | (3053) | (*1) |
| Numonyx | N25Q128A13B12   | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q128A13B12   | [TBGA24]       | (Quad I/O) | (1343) | (*1) |
| Numonyx | N25Q128A13ExxxF | [SO8w]         |            | (3087) | (*1) |
| Numonyx | N25Q128A13ExxxF | [SO8w]         | (Quad I/O) | (3087) | (*1) |
| Numonyx | N25Q128A21B     | [SO16]         |            | (3100) | (*1) |
| Numonyx | N25Q128A21B     | [SO16]         | (Quad I/O) | (3100) | (*1) |
| Numonyx | N25Q128A21B     | [TBGA24]       |            | (3122) |      |
| Numonyx | N25Q128A21B     | [TBGA24]       | (Quad I/O) | (3122) |      |
| Numonyx | N25Q128A21B     | [VDFPN8 8x6]   |            | (3926) | (*1) |
| Numonyx | N25Q128A21B     | [VDFPN8 8x6]   | (Quad I/O) | (3926) | (*1) |
| Numonyx | N25Q128A23B     | [SO16w]        |            | (3101) | (*1) |
| Numonyx | N25Q128A23B     | [SO16w]        | (Quad I/O) | (3101) | (*1) |
| Numonyx | N25Q128A23B     | [VDFPN8 8x6]   |            | (3053) | (*1) |
| Numonyx | N25Q128A23B     | [VDFPN8 8x6]   | (Quad I/O) | (3053) | (*1) |
| Numonyx | N25Q128A23B12   | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q128A23B12   | [TBGA24]       | (Quad I/O) | (1343) | (*1) |
| Numonyx | N25Q128A31B     | [SO16]         |            | (3100) | (*1) |
| Numonyx | N25Q128A31B     | [SO16]         | (Quad I/O) | (3100) | (*1) |
| Numonyx | N25Q128A31B     | [TBGA24]       |            | (3122) |      |
| Numonyx | N25Q128A31B     | [TBGA24]       | (Quad I/O) | (3122) |      |
| Numonyx | N25Q128A31B     | [VDFPN8 8x6]   |            | (3926) | (*1) |
| Numonyx | N25Q128A31B     | [VDFPN8 8x6]   | (Quad I/O) | (3926) | (*1) |
| Numonyx | N25Q128A33B     | [SO16w]        |            | (3101) | (*1) |
| Numonyx | N25Q128A33B     | [SO16w]        | (Quad I/O) | (3101) | (*1) |
| Numonyx | N25Q128A33B     | [VDFPN8 8x6]   |            | (3053) | (*1) |
| Numonyx | N25Q128A33B     | [VDFPN8 8x6]   | (Quad I/O) | (3053) | (*1) |
| Numonyx | N25Q128A33B12   | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q128A33B12   | [TBGA24]       | (Quad I/O) | (1343) | (*1) |
| Numonyx | N25Q128A41B     | [SO16]         |            | (3100) | (*1) |
| Numonyx | N25Q128A41B     | [SO16]         | (Quad I/O) | (3100) | (*1) |
| Numonyx | N25Q128A41B     | [TBGA24]       |            | (3122) |      |
| Numonyx | N25Q128A41B     | [TBGA24]       | (Quad I/O) | (3122) |      |
| Numonyx | N25Q128A41B     | [VDFPN8 8x6]   |            | (3926) | (*1) |
| Numonyx | N25Q128A41B     | [VDFPN8 8x6]   | (Quad I/O) | (3926) | (*1) |
| Numonyx | N25Q128A43B     | [SO16w]        |            | (3101) | (*1) |
| Numonyx | N25Q128A43B     | [SO16w]        | (Quad I/O) | (3101) | (*1) |
| Numonyx | N25Q128A43B     | [VDFPN8 8x6]   |            | (3053) | (*1) |
| Numonyx | N25Q128A43B     | [VDFPN8 8x6]   | (Quad I/O) | (3053) | (*1) |
| Numonyx | N25Q128A43B12   | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q128A43B12   | [TBGA24]       | (Quad I/O) | (1343) | (*1) |
| Numonyx | N25Q128Ax1B     | [ISP]          |            | (138)  |      |
| Numonyx | N25Q128Ax1E     | [ISP]          |            | (138)  |      |
| Numonyx | N25Q128Ax1E     | [SO16]         |            | (3101) | (*1) |
| Numonyx | N25Q128Ax1E     | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q128Ax1E     | [TBGA24]       | (Quad I/O) | (3122) |      |
| Numonyx | N25Q128Ax1E     | [VDFPN8]       |            | (3053) | (*1) |
| Numonyx | N25Q128Ax1E     | [VDFPN8]       | (Quad I/O) | (3926) | (*1) |
| Numonyx | N25Q128Ax1T     | [ISP]          |            | (138)  |      |
| Numonyx | N25Q128Ax1T     | [SO16]         |            | (3101) | (*1) |
| Numonyx | N25Q128Ax1T     | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q128Ax1T     | [VDFPN8]       |            | (3053) | (*1) |
| Numonyx | N25Q128Ax3B     | [ISP]          |            | (138)  |      |
| Numonyx | N25Q128Ax3E     | [ISP]          |            | (138)  |      |
| Numonyx | N25Q128Ax3E     | [SO16]         |            | (3101) | (*1) |
| Numonyx | N25Q128Ax3E     | [SO16]         | (Quad I/O) | (3101) | (*1) |
| Numonyx | N25Q128Ax3E     | [SO8w]         |            | (3088) | (*1) |
| Numonyx | N25Q128Ax3E     | [SO8w]         | (Quad I/O) | (3088) | (*1) |
| Numonyx | N25Q128Ax3E     | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q128Ax3E     | [TBGA24]       | (Quad I/O) | (1343) | (*1) |
| Numonyx | N25Q128Ax3E     | [VDFPN8]       |            | (3053) | (*1) |
| Numonyx | N25Q128Ax3E     | [VDFPN8]       | (Quad I/O) | (3053) | (*1) |
| Numonyx | N25Q128Ax3T     | [ISP]          |            | (138)  |      |
| Numonyx | N25Q128Ax3T     | [SO16]         |            | (3101) | (*1) |
| Numonyx | N25Q128Ax3T     | [SO16]         | (Quad I/O) | (3101) | (*1) |
| Numonyx | N25Q128Ax3T     | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q128Ax3T     | [TBGA24]       | (Quad I/O) | (1343) | (*1) |
| Numonyx | N25Q128Ax3T     | [VDFPN8]       |            | (3053) | (*1) |
| Numonyx | N25Q128Ax3T     | [VDFPN8]       | (Quad I/O) | (3053) | (*1) |
| Numonyx | N25Q256A13E     | [SO16]         |            | (3101) | (*1) |
| Numonyx | N25Q256A13E     | [SO16]         | (Quad I/O) | (3101) | (*1) |
| Numonyx | N25Q256A13E     | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q256A13E     | [TBGA24]       | (Quad I/O) | (1343) | (*1) |
| Numonyx | N25Q256A13E     | [VDFPN8]       |            | (3053) | (*1) |
| Numonyx | N25Q256A13E     | [VDFPN8]       | (Quad I/O) | (3053) | (*1) |
| Numonyx | N25Q256A23E     | [SO16]         |            | (3101) | (*1) |
| Numonyx | N25Q256A23E     | [SO16]         | (Quad I/O) | (3101) | (*1) |
| Numonyx | N25Q256A23E     | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q256A23E     | [TBGA24]       | (Quad I/O) | (1343) | (*1) |
| Numonyx | N25Q256A23E     | [VDFPN8]       |            | (3053) | (*1) |
| Numonyx | N25Q256A23E     | [VDFPN8]       | (Quad I/O) | (3053) | (*1) |
| Numonyx | N25Q256A33E     | [SO16]         |            | (3101) | (*1) |
| Numonyx | N25Q256A33E     | [SO16]         | (Quad I/O) | (3101) | (*1) |
| Numonyx | N25Q256A33E     | [TBGA24]       |            | (1343) | (*1) |
| Numonyx | N25Q256A33E     | [TBGA24]       | (Quad I/O) | (1343) | (*1) |
| Numonyx | N25Q256A33E     | [VDFPN8]       |            | (3053) | (*1) |
| Numonyx | N25Q256A33E     | [VDFPN8]       | (Quad I/O) | (3053) | (*1) |
| Numonyx | N25Q256A43E     | [SO16]         |            | (3101) | (*1) |
| Numonyx | N25Q256A43E     | [SO16]         | (Quad I/O) | (3101) | (*1) |
| Numonyx | N25Q256A43E     | [TBGA24]       |            | (1343) | (*1) |

|         |                 |            |               |        |             |
|---------|-----------------|------------|---------------|--------|-------------|
| Numonyx | N25Q256A43E     | [TBGA24]   | (Quad I/O)    | (1343) | (*1)        |
| Numonyx | N25Q256A43E     | [VDFPN8]   |               | (3053) | (*1)        |
| Numonyx | N25Q256A43E     | [VDFPN8]   | (Quad I/O)    | (3053) | (*1)        |
| Numonyx | N25Q256A73E     | [DFN8 8x6] |               | (3053) | (*1)        |
| Numonyx | N25Q256A73E     | [DFN8 8x6] | (Quad I/O)    | (3053) | (*1)        |
| Numonyx | N25Q256A73E     | [SO16w]    |               | (3101) | (*1)        |
| Numonyx | N25Q256A73E     | [SO16w]    | (Quad I/O)    | (3101) | (*1)        |
| Numonyx | N25Q256A73E     | [TBGA24]   |               | (1343) | (*1)        |
| Numonyx | N25Q256A73E     | [TBGA24]   | (Quad I/O)    | (1343) | (*1)        |
| Numonyx | N25Q256Ax3E     | (ISP)      |               | (138)  |             |
| Numonyx | N2M400EDA311A3B | [FBGA100]  |               | (2431) | (*1)        |
| Numonyx | N2M400FDA311A30 | [FBGA100]  |               | (2431) | (*1)        |
| Numonyx | N2M400FDA311A3B | [FBGA100]  |               | (2431) | (*1)        |
| Numonyx | N2M400GDA321A30 | [FBGA100]  |               | (2431) | (*1)        |
| Numonyx | N2M400GDA321A3B | [FBGA100]  |               | (2431) | (*1)        |
| Numonyx | N2M400HDA321A30 | [FBGA100]  |               | (2431) | (*1)        |
| Numonyx | N2M400HDA321A3B | [FBGA100]  |               | (2431) | (*1)        |
| Numonyx | N2M400JDA341A30 | [FBGA100]  |               | (2431) | (*1)        |
| Numonyx | N2M400JDA341A3B | [FBGA100]  |               | (2431) | (*1)        |
| Numonyx | NAND01GR3B2BZA  | [VFBGA63]  |               | (2690) | (*1)        |
| Numonyx | NAND01GR3B2CZA  | [VFBGA63]  |               | (2690) | (*1)        |
| Numonyx | NAND01GR3N6AZB  | [TFBGA107] |               | (687)  |             |
| Numonyx | NAND01GR4N5AZB  | [TFBGA149] |               | (1094) |             |
| Numonyx | NAND01GW3A0AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND01GW3A2BN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND01GW3A2BV   | [USOP48]   |               | (2829) |             |
| Numonyx | NAND01GW3B2AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND01GW3B2AZA  | [VFBGA63]  |               | (2690) | (*1)        |
| Numonyx | NAND01GW3B2BN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND01GW3B2BN   | [TSOP48]   | (FOX-02)      | (1266) | (*1)        |
| Numonyx | NAND01GW3B2BN   | [TSOP48]   | (LGE-03)      | (1266) | (*1)        |
| Numonyx | NAND01GW3B2BN   | [TSOP48]   | (LGE-09)      | (1266) | (*1)        |
| Numonyx | NAND01GW3B2BV   | [USOP48]   |               | (2829) |             |
| Numonyx | NAND01GW3B2BZA  | [VFBGA63]  |               | (2690) | (*1)        |
| Numonyx | NAND01GW3B2CN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND01GW3B2CN   | [TSOP48]   | (LGE-13)      | (1266) | (*1)        |
| Numonyx | NAND01GW3B2CN   | [TSOP48]   | (LGE-19)      | (1266) | (*1)        |
| Numonyx | NAND01GW3B2CN   | [TSOP48]   | (T&W-01)      | (1266) | (*1)        |
| Numonyx | NAND01GW3B2CZA  | [VFBGA63]  |               | (2690) | (*1)        |
| Numonyx | NAND01GW3B2CZA  | [VFBGA63]  | (KAON-01)     | (2690) | (*1)        |
| Numonyx | NAND01GW3B2CZA  | [VFBGA63]  | (Thomson-01)  | (2690) | (*1)        |
| Numonyx | NAND01GW3B2CZA  | [VFBGA63]  | (Thomson-PRT) | (2690) | (*1)        |
| Numonyx | NAND01GW3M2AZC  | [LFBGA137] |               | (3047) | (*1)        |
| Numonyx | NAND01GW3M2BZC  | [LFBGA137] |               | (3047) | (*1)        |
| Numonyx | NAND02GAH0I     | [LFBGA153] |               | (2578) | (*1)        |
| Numonyx | NAND02GAH0L     | [LFBGA153] |               | (2578) | (*1)        |
| Numonyx | NAND02GR3B2CZA  | [VFBGA63]  |               | (904)  |             |
| Numonyx | NAND02GR3B2DZA  | [VFBGA63]  |               | (2690) | (*1)        |
| Numonyx | NAND02GW3B2AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND02GW3B2BN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND02GW3B2CN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND02GW3B2CZA  | [VFBGA63]  |               | (904)  |             |
| Numonyx | NAND02GW3B2DN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND02GW3B2DN   | [TSOP48]   | (LEX-02)      | (1266) | (*1)        |
| Numonyx | NAND02GW3B2DN   | [TSOP48]   | (LGE-04)      | (1266) | (*1)        |
| Numonyx | NAND02GW3B2DN   | [TSOP48]   | (LGE-11)      | (1266) | (*1)        |
| Numonyx | NAND02GW3B2DN   | [TSOP48]   | (NAP-01)      | (1266) | (*1)        |
| Numonyx | NAND02GW3B2DZA  | [VFBGA63]  |               | (2690) | (*1)        |
| Numonyx | NAND02GW3B2DZA  | [VFBGA63]  | (SAM-01)      | (2690) | (9999) (*1) |
| Numonyx | NAND04GW3B2BN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND04GW3B2BN   | [TSOP48]   | (DC <812)     | (1266) | (*1)        |
| Numonyx | NAND04GW3B2DN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND04GW3B2DN   | [TSOP48]   | (EPS-5)       | (1266) | (9999) (*1) |
| Numonyx | NAND04GW3B2DN   | [TSOP48]   | (LGE-15)      | (1266) | (*1)        |
| Numonyx | NAND04GW3C2AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND04GW3C2BN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND08GAH0A     | [LFBGA169] |               | (2392) | (*1)        |
| Numonyx | NAND08GAH0B     | [LFBGA169] |               | (2392) | (*1)        |
| Numonyx | NAND08GAH0F     | [LFBGA153] |               | (2578) | (*1)        |
| Numonyx | NAND08GAH0J     | [LFBGA153] |               | (2578) | (*1)        |
| Numonyx | NAND08GAH0N     | [LFBGA169] |               | (2392) | (*1)        |
| Numonyx | NAND08GW3B2AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND08GW3B2CN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND08GW3B2CN   | [TSOP48]   | (LGE-17)      | (1266) | (*1)        |
| Numonyx | NAND08GW3C2AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND08GW3C2BN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND08GW3D2AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND08GW3F2AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND128AH0K     | [TFBGA169] |               | (2577) | (*1)        |
| Numonyx | NAND128W3A0AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND128W3A0BN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND128W3A2BN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND128W3A2BN   | [TSOP48]   | (ALT-01)      | (1266) | (*1)        |
| Numonyx | NAND128W3A2BN   | [TSOP48]   | (ALT-02)      | (1266) | (*1)        |
| Numonyx | NAND128W3A2BV   | [USOP48]   |               | (2829) |             |
| Numonyx | NAND16GAH0D     | [LFBGA169] |               | (2392) | (*1)        |
| Numonyx | NAND16GAH0H     | [LFBGA169] |               | (2392) | (*1)        |
| Numonyx | NAND16GAH0P     | [LFBGA169] |               | (2392) | (*1)        |
| Numonyx | NAND16GAHAP     | [LBGA100]  |               | (2431) | (*1)        |
| Numonyx | NAND16GW3B4DN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND16GW3C2AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND16GW3C4AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND16GW3C4BN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND16GW3D2AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND16GW3F2AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND16GW3F4AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND256AH0K     | [LFBGA169] |               | (2577) | (*1)        |
| Numonyx | NAND256R3A2AZA  | [VFBGA55]  |               | (1312) |             |
| Numonyx | NAND256R3A2BZA  | [VFBGA55]  |               | (1312) |             |
| Numonyx | NAND256W3A0AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND256W3A0AZA  | [VFBGA55]  |               | (1312) |             |
| Numonyx | NAND256W3A2AZA  | [VFBGA55]  |               | (1312) |             |
| Numonyx | NAND256W3A2BN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND256W3A2BN   | [TSOP48]   | (ASKEY-01)    | (1266) | (*1)        |
| Numonyx | NAND256W3A2BN   | [TSOP48]   | (ASKEY-02)    | (1266) | (*1)        |
| Numonyx | NAND256W3A2BN   | [TSOP48]   | (ASKEY-03)    | (1266) | (*1)        |
| Numonyx | NAND256W3A2BV   | [USOP48]   |               | (2829) |             |
| Numonyx | NAND256W3A2BZA  | [VFBGA55]  |               | (1312) |             |
| Numonyx | NAND256W3A2BZA  | [VFBGA55]  | (ASKEY-01)    | (1312) |             |
| Numonyx | NAND32GAH0H     | [LFBGA169] |               | (2392) | (*1)        |
| Numonyx | NAND32GAH0K     | [TFBGA169] |               | (2577) | (*1)        |
| Numonyx | NAND32GAH0P     | [LFBGA169] |               | (2392) | (*1)        |
| Numonyx | NAND32GAHAK     | [LBGA100]  |               | (2431) | (*1)        |
| Numonyx | NAND32GW3C2AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND32GW3D4AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND32GW3F4AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND512R3A2AZA  | [VFBGA63]  |               | (2690) | (*1)        |
| Numonyx | NAND512R3A2AZB  | [TFBGA55]  |               | (1312) |             |
| Numonyx | NAND512R3A2BZA  | [VFBGA63]  |               | (2690) | (*1)        |
| Numonyx | NAND512R3A2CZA  | [VFBGA63]  |               | (2690) | (*1)        |
| Numonyx | NAND512R3A2DZA  | [VFBGA63]  |               | (2690) | (*1)        |
| Numonyx | NAND512R3A2SZA  | [VFBGA63]  |               | (2690) | (*1)        |
| Numonyx | NAND512R3M0AZB  | [TFBGA107] |               | (687)  |             |
| Numonyx | NAND512R4M5AZB  | [TFBGA149] |               | (1094) |             |
| Numonyx | NAND512W3A0AN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND512W3A2BN   | [TSOP48]   |               | (1266) | (*1)        |
| Numonyx | NAND512W3A2BN   | [TSOP48]   | (ASKEY-02)    | (1266) | (*1)        |
| Numonyx | NAND512W3A2BN   | [TSOP48]   | (ASKEY-03)    | (1266) | (*1)        |



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|         |                                            |        |
|---------|--------------------------------------------|--------|
| Numonyx | PC28F128J3D [Easy BGA64]                   | (943)  |
| Numonyx | PC28F128J3F [Easy BGA64]                   | (943)  |
| Numonyx | PC28F128J3F [Easy BGA64] (AdvSer)          | (943)  |
| Numonyx | PC28F128M29EWH [BGA64]                     | (938)  |
| Numonyx | PC28F128M29EWHX [BGA64]                    | (938)  |
| Numonyx | PC28F128M29EWL [BGA64]                     | (938)  |
| Numonyx | PC28F128M29EWLX [BGA64]                    | (938)  |
| Numonyx | PC28F128P30B [Easy BGA64]                  | (701)  |
| Numonyx | PC28F128P30B [Easy BGA64] (BEFP)           | (701)  |
| Numonyx | PC28F128P30BF [EasyBGA64]                  | (701)  |
| Numonyx | PC28F128P30BF [EasyBGA64] (BEFP)           | (701)  |
| Numonyx | PC28F128P30BF [EasyBGA64] (device OTP)     | (701)  |
| Numonyx | PC28F128P30BF [EasyBGA64] (simple OTP)     | (701)  |
| Numonyx | PC28F128P30T [Easy BGA64]                  | (701)  |
| Numonyx | PC28F128P30T [Easy BGA64] (BEFP)           | (701)  |
| Numonyx | PC28F128P30TF [EasyBGA64]                  | (701)  |
| Numonyx | PC28F128P30TF [EasyBGA64] (device OTP)     | (701)  |
| Numonyx | PC28F128P30TF [EasyBGA64] (simple OTP)     | (701)  |
| Numonyx | PC28F128P33B [Easy BGA64]                  | (867)  |
| Numonyx | PC28F128P33B [Easy BGA64] (BEFP)           | (867)  |
| Numonyx | PC28F128P33BF [Easy BGA64]                 | (867)  |
| Numonyx | PC28F128P33T [Easy BGA64]                  | (867)  |
| Numonyx | PC28F128P33T [Easy BGA64] (BEFP)           | (867)  |
| Numonyx | PC28F128P33TF [Easy BGA64]                 | (867)  |
| Numonyx | PC28F256G18F [EasyBGA64]                   | (1307) |
| Numonyx | PC28F256G18F [EasyBGA64] (BEFP)            | (1307) |
| Numonyx | PC28F256J3D [Easy BGA64]                   | (1255) |
| Numonyx | PC28F256J3F [Easy BGA64]                   | (1255) |
| Numonyx | PC28F256M29EWH [BGA64]                     | (938)  |
| Numonyx | PC28F256M29EWHD [BGA64]                    | (938)  |
| Numonyx | PC28F256M29EWL [BGA64]                     | (938)  |
| Numonyx | PC28F256M29EWLD [BGA64]                    | (938)  |
| Numonyx | PC28F256P30B [Easy BGA64]                  | (701)  |
| Numonyx | PC28F256P30B [Easy BGA64] (BEFP)           | (701)  |
| Numonyx | PC28F256P30BF [EasyBGA64]                  | (701)  |
| Numonyx | PC28F256P30BF [EasyBGA64] (BEFP)           | (701)  |
| Numonyx | PC28F256P30BF [EasyBGA64] (device OTP)     | (701)  |
| Numonyx | PC28F256P30BF [EasyBGA64] (simple OTP)     | (701)  |
| Numonyx | PC28F256P30BFP [EasyBGA64]                 | (701)  |
| Numonyx | PC28F256P30BFR [EasyBGA64]                 | (701)  |
| Numonyx | PC28F256P30T [Easy BGA64]                  | (701)  |
| Numonyx | PC28F256P30T [Easy BGA64] (BEFP)           | (701)  |
| Numonyx | PC28F256P30TF [EasyBGA64]                  | (701)  |
| Numonyx | PC28F256P30TF [EasyBGA64] (BEFP)           | (701)  |
| Numonyx | PC28F256P30TF [EasyBGA64] (device OTP)     | (701)  |
| Numonyx | PC28F256P30TF [EasyBGA64] (simple OTP)     | (701)  |
| Numonyx | PC28F256P33B [Easy BGA64]                  | (701)  |
| Numonyx | PC28F256P33B [Easy BGA64] (BEFP)           | (701)  |
| Numonyx | PC28F256P33BF [Easy BGA64]                 | (701)  |
| Numonyx | PC28F256P33BF [Easy BGA64] (BEFP)          | (701)  |
| Numonyx | PC28F256P33T [Easy BGA64]                  | (701)  |
| Numonyx | PC28F256P33T [Easy BGA64] (BEFP)           | (701)  |
| Numonyx | PC28F256P33TF [Easy BGA64]                 | (701)  |
| Numonyx | PC28F256P33TF [Easy BGA64] (BEFP)          | (701)  |
| Numonyx | PC28F320J3D [Easy BGA64]                   | (943)  |
| Numonyx | PC28F320J3F [Easy BGA64]                   | (943)  |
| Numonyx | PC28F512G18F [EasyBGA64]                   | (1307) |
| Numonyx | PC28F512G18F [EasyBGA64] (BEFP)            | (1307) |
| Numonyx | PC28F512M29AWH [BGA64]                     | (938)  |
| Numonyx | PC28F512M29AWL [BGA64]                     | (938)  |
| Numonyx | PC28F512M29EWH [BGA64]                     | (938)  |
| Numonyx | PC28F512M29EWHHA [BGA64]                   | (938)  |
| Numonyx | PC28F512M29EWHHE [BGA64]                   | (938)  |
| Numonyx | PC28F512M29EWL [BGA64]                     | (938)  |
| Numonyx | PC28F512M29EWLE [BGA64]                    | (938)  |
| Numonyx | PC28F512P30BF [EasyBGA64]                  | (867)  |
| Numonyx | PC28F512P30BF [EasyBGA64] (BEFP)           | (867)  |
| Numonyx | PC28F512P30EF [EasyBGA64]                  | (867)  |
| Numonyx | PC28F512P30EF [EasyBGA64] (BEFP)           | (867)  |
| Numonyx | PC28F512P30TF [EasyBGA64]                  | (867)  |
| Numonyx | PC28F512P30TF [EasyBGA64] (BEFP)           | (867)  |
| Numonyx | PC28F512P33BF [Easy BGA64]                 | (867)  |
| Numonyx | PC28F512P33BF [Easy BGA64] (BEFP)          | (867)  |
| Numonyx | PC28F512P33EF [Easy BGA64]                 | (867)  |
| Numonyx | PC28F512P33EF [Easy BGA64] (BEFP)          | (867)  |
| Numonyx | PC28F512P33TF [Easy BGA64]                 | (867)  |
| Numonyx | PC28F512P33TF [Easy BGA64] (BEFP)          | (867)  |
| Numonyx | PC28F640J3D [Easy BGA64]                   | (943)  |
| Numonyx | PC28F640J3F [Easy BGA64]                   | (943)  |
| Numonyx | PC28F640P30B [Easy BGA64]                  | (701)  |
| Numonyx | PC28F640P30B [Easy BGA64] (BEFP)           | (701)  |
| Numonyx | PC28F640P30BF [EasyBGA64]                  | (701)  |
| Numonyx | PC28F640P30BF [EasyBGA64] (BEFP)           | (701)  |
| Numonyx | PC28F640P30BF [EasyBGA64] (device OTP)     | (701)  |
| Numonyx | PC28F640P30BF [EasyBGA64] (simple OTP)     | (701)  |
| Numonyx | PC28F640P30T [Easy BGA64]                  | (701)  |
| Numonyx | PC28F640P30T [Easy BGA64] (BEFP)           | (701)  |
| Numonyx | PC28F640P30TF [EasyBGA64]                  | (701)  |
| Numonyx | PC28F640P30TF [EasyBGA64] (BEFP)           | (701)  |
| Numonyx | PC28F640P30TF [EasyBGA64] (device OTP)     | (701)  |
| Numonyx | PC28F640P30TF [EasyBGA64] (simple OTP)     | (701)  |
| Numonyx | PC28F640P33B [Easy BGA64]                  | (867)  |
| Numonyx | PC28F640P33B [Easy BGA64] (BEFP)           | (867)  |
| Numonyx | PC28F640P33BF [Easy BGA64]                 | (867)  |
| Numonyx | PC28F640P33T [Easy BGA64]                  | (867)  |
| Numonyx | PC28F640P33T [Easy BGA64] (BEFP)           | (867)  |
| Numonyx | PC28F640P33TF [Easy BGA64]                 | (867)  |
| Numonyx | PC48F4400P0TB [Easy BGA64]                 | (701)  |
| Numonyx | PC48F4400P0TB0E [Easy BGA64]               | (701)  |
| Numonyx | PC48F4400P0TB0E [Easy BGA64] (BEFP)        | (701)  |
| Numonyx | PC48F4400P0TB0E [Easy BGA64] (BEFP) (NOR1) | (701)  |
| Numonyx | PC48F4400P0TB0E [Easy BGA64] (BEFP) (NOR2) | (701)  |
| Numonyx | PC48F4400P0TB0E [Easy BGA64] (NOR1)        | (701)  |
| Numonyx | PC48F4400P0TB0E [Easy BGA64] (NOR2)        | (701)  |
| Numonyx | PC48F4400P0TT [Easy BGA64]                 | (701)  |
| Numonyx | PC48F4400P0VB [Easy BGA64]                 | (701)  |
| Numonyx | PC48F4400P0VB0E [Easy BGA64]               | (701)  |
| Numonyx | PC48F4400P0VB0E [Easy BGA64] (BEFP)        | (701)  |
| Numonyx | PC48F4400P0VB0E [Easy BGA64] (BEFP) (NOR1) | (701)  |
| Numonyx | PC48F4400P0VB0E [Easy BGA64] (BEFP) (NOR2) | (701)  |
| Numonyx | PC48F4400P0VB0E [Easy BGA64] (NOR1)        | (701)  |
| Numonyx | PC48F4400P0VB0E [Easy BGA64] (NOR2)        | (701)  |
| Numonyx | PC48F4400P0VT [Easy BGA64]                 | (701)  |
| Numonyx | PF38F1020W0YB [SCSP88]                     | (802)  |
| Numonyx | PF38F1020W0YT [SCSP88]                     | (802)  |
| Numonyx | PF38F1030W0YB [SCSP88]                     | (802)  |
| Numonyx | PF38F1030W0YC [SCSP88]                     | (910)  |
| Numonyx | PF38F1030W0YT [SCSP88]                     | (802)  |
| Numonyx | PF38F1030W0YU [SCSP88]                     | (910)  |
| Numonyx | PF38F1030W0ZB [SCSP88]                     | (803)  |
| Numonyx | PF38F1030W0ZT [SCSP88]                     | (803)  |
| Numonyx | PF38F2030W0YB [SCSP88]                     | (802)  |
| Numonyx | PF38F2030W0YC [SCSP88]                     | (910)  |
| Numonyx | PF38F2030W0YT [SCSP88]                     | (802)  |
| Numonyx | PF38F2030W0YU [SCSP88]                     | (910)  |
| Numonyx | PF38F2030W0ZB [SCSP88]                     | (803)  |
| Numonyx | PF38F2030W0ZT [SCSP88]                     | (803)  |
| Numonyx | PF38F2040W0YB [SCSP88]                     | (802)  |

|         |                 |                  |        |
|---------|-----------------|------------------|--------|
| Numonyx | PF38F2040w0YC   | [SCSP88]         | (910)  |
| Numonyx | PF38F2040w0YT   | [SCSP88]         | (802)  |
| Numonyx | PF38F2040w0YU   | [SCSP88]         | (910)  |
| Numonyx | PF38F2040w0ZB   | [SCSP88]         | (803)  |
| Numonyx | PF38F2040w0ZT   | [SCSP88]         | (803)  |
| Numonyx | PF38F2230wwYD   | [SCSP88]         | (802)  |
| Numonyx | PF38F2230wwZD   | [SCSP88]         | (803)  |
| Numonyx | PF38F2240wwYD   | [SCSP88]         | (802)  |
| Numonyx | PF38F2240wwZD   | [SCSP88]         | (803)  |
| Numonyx | PF38F3040L0YB   | [SCSP88]         | (802)  |
| Numonyx | PF38F3040L0YC   | [SCSP88]         | (910)  |
| Numonyx | PF38F3040L0YT   | [SCSP88]         | (802)  |
| Numonyx | PF38F3040L0YU   | [SCSP88]         | (910)  |
| Numonyx | PF38F3040L0ZB   | [SCSP88]         | (638)  |
| Numonyx | PF38F3040L0ZT   | [SCSP88]         | (638)  |
| Numonyx | PF38F3040M0Y0   | [SCSP107]        | (1136) |
| Numonyx | PF38F3040M0Y0   | [SCSP107] (BEFP) | (1136) |
| Numonyx | PF38F3040M0Y0   | [SCSP88]         | (802)  |
| Numonyx | PF38F3040M0Y0   | [SCSP88] (BEFP)  | (802)  |
| Numonyx | PF38F3040M0Y1   | [SCSP88]         | (910)  |
| Numonyx | PF38F3040M0Y1   | [SCSP88] (BEFP)  | (910)  |
| Numonyx | PF38F3040M0Y3   | [SCSP88]         | (910)  |
| Numonyx | PF38F3040M0Y3   | [SCSP88] (BEFP)  | (910)  |
| Numonyx | PF38F3040M0Y3DE | [SCSP56]         | (1240) |
| Numonyx | PF38F3040M0Y3DE | [SCSP56] (BEFP)  | (1240) |
| Numonyx | PF38F3040M0Y3DF | [SCSP56]         | (1240) |
| Numonyx | PF38F3040M0Y3DF | [SCSP56] (BEFP)  | (1240) |
| Numonyx | PF38F3050L0YB   | [SCSP88]         | (802)  |
| Numonyx | PF38F3050L0YC   | [SCSP88]         | (910)  |
| Numonyx | PF38F3050L0YT   | [SCSP88]         | (802)  |
| Numonyx | PF38F3050L0YU   | [SCSP88]         | (910)  |
| Numonyx | PF38F3050L0ZB   | [SCSP88]         | (803)  |
| Numonyx | PF38F3050L0ZT   | [SCSP88]         | (803)  |
| Numonyx | PF38F3050M0Y0   | [SCSP107]        | (1136) |
| Numonyx | PF38F3050M0Y0   | [SCSP107] (BEFP) | (1136) |
| Numonyx | PF38F3050M0Y0   | [SCSP88]         | (802)  |
| Numonyx | PF38F3050M0Y0   | [SCSP88] (BEFP)  | (802)  |
| Numonyx | PF38F3050M0Y1   | [SCSP88]         | (910)  |
| Numonyx | PF38F3050M0Y1   | [SCSP88] (BEFP)  | (910)  |
| Numonyx | PF38F3050M0Y3   | [SCSP88]         | (910)  |
| Numonyx | PF38F3050M0Y3   | [SCSP88] (BEFP)  | (910)  |
| Numonyx | PF38F3050M0Y3DE | [SCSP56]         | (1240) |
| Numonyx | PF38F3050M0Y3DE | [SCSP56] (BEFP)  | (1240) |
| Numonyx | PF38F3050M0Y3DF | [SCSP56]         | (1240) |
| Numonyx | PF38F3050M0Y3DF | [SCSP56] (BEFP)  | (1240) |
| Numonyx | PF38F3050M0Y3DG | [SCSP56]         | (1240) |
| Numonyx | PF38F3050M0Y3DG | [SCSP56] (BEFP)  | (1240) |
| Numonyx | PF38F3050M0Y3DH | [SCSP56]         | (1240) |
| Numonyx | PF38F3050M0Y3DH | [SCSP56] (BEFP)  | (1240) |
| Numonyx | PF38F3060M0Y0   | [SCSP107]        | (1136) |
| Numonyx | PF38F3060M0Y0   | [SCSP107] (BEFP) | (1136) |
| Numonyx | PF38F3060M0Y1EE | [SCSP133]        | (1555) |
| Numonyx | PF38F3060M0Y1EE | [SCSP133] (BEFP) | (1555) |
| Numonyx | PF38F3060M0Y1EF | [SCSP133]        | (1555) |
| Numonyx | PF38F3060M0Y1EF | [SCSP133] (BEFP) | (1555) |
| Numonyx | PF38F3060M0Y1EG | [SCSP133]        | (1555) |
| Numonyx | PF38F3060M0Y1EG | [SCSP133] (BEFP) | (1555) |
| Numonyx | PF38F3060M0Y1EH | [SCSP133]        | (1555) |
| Numonyx | PF38F3060M0Y1EH | [SCSP133] (BEFP) | (1555) |
| Numonyx | PF38F3070M0Y1EE | [SCSP133]        | (1555) |
| Numonyx | PF38F3070M0Y1EE | [SCSP133] (BEFP) | (1555) |
| Numonyx | PF38F3350LLZD   | [SCSP88]         | (803)  |
| Numonyx | PF38F3350wwZD   | [SCSP88]         | (803)  |
| Numonyx | PF38F3352LLYD   | [SCSP88]         | (802)  |
| Numonyx | PF38F3352LLZB   | [SCSP88]         | (803)  |
| Numonyx | PF38F3352LLZD   | [SCSP88]         | (803)  |
| Numonyx | PF38F3352LLZT   | [SCSP88]         | (803)  |
| Numonyx | PF38F4040L0YC   | [SCSP88]         | (911)  |
| Numonyx | PF38F4040L0YU   | [SCSP88]         | (911)  |
| Numonyx | PF38F4050L0YB   | [SCSP88]         | (806)  |
| Numonyx | PF38F4050L0YC   | [SCSP88]         | (911)  |
| Numonyx | PF38F4050L0YT   | [SCSP88]         | (806)  |
| Numonyx | PF38F4050L0YU   | [SCSP88]         | (911)  |
| Numonyx | PF38F4050L0ZB   | [SCSP88]         | (805)  |
| Numonyx | PF38F4050L0ZT   | [SCSP88]         | (805)  |
| Numonyx | PF38F4050M0Y0   | [SCSP105]        | (1191) |
| Numonyx | PF38F4050M0Y0   | [SCSP105] (BEFP) | (1191) |
| Numonyx | PF38F4050M0Y0   | [SCSP107]        | (1136) |
| Numonyx | PF38F4050M0Y0   | [SCSP107] (BEFP) | (1136) |
| Numonyx | PF38F4050M0Y0   | [SCSP88]         | (802)  |
| Numonyx | PF38F4050M0Y0   | [SCSP88] (BEFP)  | (802)  |
| Numonyx | PF38F4050M0Y1   | [SCSP107]        | (1077) |
| Numonyx | PF38F4050M0Y1   | [SCSP107] (BEFP) | (1077) |
| Numonyx | PF38F4050M0Y1   | [SCSP88]         | (910)  |
| Numonyx | PF38F4050M0Y1   | [SCSP88] (BEFP)  | (910)  |
| Numonyx | PF38F4050M0Y3   | [SCSP107]        | (1077) |
| Numonyx | PF38F4050M0Y3   | [SCSP107] (BEFP) | (1077) |
| Numonyx | PF38F4050M0Y3DE | [SCSP56]         | (1225) |
| Numonyx | PF38F4050M0Y3DE | [SCSP56] (BEFP)  | (1225) |
| Numonyx | PF38F4050M0Y3DF | [SCSP56]         | (1240) |
| Numonyx | PF38F4050M0Y3DF | [SCSP56] (BEFP)  | (1240) |
| Numonyx | PF38F4050M0Y3DG | [SCSP56]         | (1225) |
| Numonyx | PF38F4050M0Y3DG | [SCSP56] (BEFP)  | (1225) |
| Numonyx | PF38F4055L0YB   | [SCSP88]         | (806)  |
| Numonyx | PF38F4055L0YT   | [SCSP88]         | (806)  |
| Numonyx | PF38F4055L0ZB   | [SCSP88]         | (807)  |
| Numonyx | PF38F4055L0ZT   | [SCSP88]         | (807)  |
| Numonyx | PF38F4060L0YB   | [SCSP103]        | (1191) |
| Numonyx | PF38F4060L0YT   | [SCSP103]        | (1191) |
| Numonyx | PF38F4060M0Y0   | [SCSP105]        | (1191) |
| Numonyx | PF38F4060M0Y0   | [SCSP105] (BEFP) | (1191) |
| Numonyx | PF38F4060M0Y0   | [SCSP107]        | (1136) |
| Numonyx | PF38F4060M0Y0   | [SCSP107] (BEFP) | (1136) |
| Numonyx | PF38F4060M0Y1   | [SCSP107]        | (1077) |
| Numonyx | PF38F4060M0Y1   | [SCSP107] (BEFP) | (1077) |
| Numonyx | PF38F4060M0Y3   | [SCSP107]        | (1077) |
| Numonyx | PF38F4060M0Y3   | [SCSP107] (BEFP) | (1077) |
| Numonyx | PF38F4060M0Y3DE | [SCSP56]         | (1225) |
| Numonyx | PF38F4060M0Y3DE | [SCSP56] (BEFP)  | (1225) |
| Numonyx | PF38F4060M0Y3DF | [SCSP56]         | (1225) |
| Numonyx | PF38F4060M0Y3DF | [SCSP56] (BEFP)  | (1225) |
| Numonyx | PF38F4060M0Y3DG | [SCSP56]         | (1225) |
| Numonyx | PF38F4060M0Y3DG | [SCSP56] (BEFP)  | (1225) |
| Numonyx | PF38F4060M0Y3DH | [SCSP56]         | (1225) |
| Numonyx | PF38F4060M0Y3DH | [SCSP56] (BEFP)  | (1225) |
| Numonyx | PF38F4455LLYB   | [SCSP88]         | (806)  |
| Numonyx | PF38F4455LLYT   | [SCSP88]         | (806)  |
| Numonyx | PF38F4455LLZB   | [SCSP88]         | (807)  |
| Numonyx | PF38F4455LLZT   | [SCSP88]         | (807)  |
| Numonyx | PF38F4460LLYB   | [SCSP103]        | (1191) |
| Numonyx | PF38F4470LLYB   | [SCSP103]        | (1191) |
| Numonyx | PF38F5050M0Y0   | [SCSP107]        | (1137) |
| Numonyx | PF38F5050M0Y0   | [SCSP107] (BEFP) | (1137) |
| Numonyx | PF38F5060M0Q3CE | [SCSP107]        | (1223) |
| Numonyx | PF38F5060M0Q3CE | [SCSP107] (BEFP) | (1223) |
| Numonyx | PF38F5060M0Y0   | [SCSP105]        | (1191) |
| Numonyx | PF38F5060M0Y0   | [SCSP105] (BEFP) | (1191) |
| Numonyx | PF38F5060M0Y0   | [SCSP107]        | (1137) |

|         |                 |           |               |        |
|---------|-----------------|-----------|---------------|--------|
| Numonyx | PF38F5060M0Y0   | [SCSP107] | (BEFP)        | (1137) |
| Numonyx | PF38F5060M0Y1EE | [SCSP133] |               | (1555) |
| Numonyx | PF38F5060M0Y1EE | [SCSP133] | (BEFP)        | (1555) |
| Numonyx | PF38F5060M0Y3   | [SCSP107] |               | (1223) |
| Numonyx | PF38F5060M0Y3   | [SCSP107] | (BEFP)        | (1223) |
| Numonyx | PF38F5060M0Y3DE | [SCSP56]  |               | (1241) |
| Numonyx | PF38F5060M0Y3DE | [SCSP56]  | (BEFP)        | (1241) |
| Numonyx | PF38F5060M0Y3DF | [SCSP56]  |               | (1225) |
| Numonyx | PF38F5060M0Y3DF | [SCSP56]  | (BEFP)        | (1225) |
| Numonyx | PF38F5066M0Y0CE | [SCSP107] |               | (1137) |
| Numonyx | PF38F5066M0Y0CE | [SCSP107] | (BEFP)        | (1137) |
| Numonyx | PF38F5066M0Y0CF | [SCSP107] |               | (1137) |
| Numonyx | PF38F5066M0Y0CF | [SCSP107] | (BEFP)        | (1137) |
| Numonyx | PF38F5070M0Q3CF | [SCSP107] |               | (1231) |
| Numonyx | PF38F5070M0Q3CF | [SCSP107] | (BEFP)        | (1231) |
| Numonyx | PF38F5070M0Y0   | [SCSP105] |               | (1191) |
| Numonyx | PF38F5070M0Y0   | [SCSP105] | (BEFP)        | (1191) |
| Numonyx | PF38F5070M0Y0   | [SCSP107] |               | (1229) |
| Numonyx | PF38F5070M0Y0   | [SCSP107] | (BEFP)        | (1229) |
| Numonyx | PF38F5070M0Y0   | [SCSP165] |               | (1304) |
| Numonyx | PF38F5070M0Y0   | [SCSP165] | (BEFP)        | (1304) |
| Numonyx | PF38F5070M0Y1   | [SCSP107] |               | (1231) |
| Numonyx | PF38F5070M0Y1   | [SCSP107] | (BEFP)        | (1231) |
| Numonyx | PF38F5070M0Y1   | [SCSP165] |               | (1306) |
| Numonyx | PF38F5070M0Y1   | [SCSP165] | (BEFP)        | (1306) |
| Numonyx | PF38F5070M0Y1EE | [SCSP133] |               | (1555) |
| Numonyx | PF38F5070M0Y1EE | [SCSP133] | (BEFP)        | (1555) |
| Numonyx | PF38F5070M0Y3   | [SCSP107] |               | (1231) |
| Numonyx | PF38F5070M0Y3   | [SCSP107] | (BEFP)        | (1231) |
| Numonyx | PF38F5070M0Y3DE | [SCSP56]  |               | (1241) |
| Numonyx | PF38F5070M0Y3DE | [SCSP56]  | (BEFP)        | (1241) |
| Numonyx | PF38F5080M0Y0   | [SCSP105] |               | (1191) |
| Numonyx | PF38F5080M0Y0   | [SCSP105] | (BEFP)        | (1191) |
| Numonyx | PF38F5566M0Y3DE | [SCSP56]  |               | (1225) |
| Numonyx | PF38F5566M0Y3DE | [SCSP56]  | (BEFP)        | (1225) |
| Numonyx | PF38F5566M0Y3DE | [SCSP56]  | (BEFP) (NOR1) | (1225) |
| Numonyx | PF38F5566M0Y3DE | [SCSP56]  | (BEFP) (NOR2) | (1225) |
| Numonyx | PF38F5566M0Y3DE | [SCSP56]  | (NOR1)        | (1225) |
| Numonyx | PF38F5566M0Y3DE | [SCSP56]  | (NOR2)        | (1225) |
| Numonyx | PF38F5566MMY0   | [SCSP107] |               | (1137) |
| Numonyx | PF38F5566MMY0   | [SCSP107] | (BEFP)        | (1137) |
| Numonyx | PF38F5566MMY0   | [SCSP107] | (BEFP) (NOR1) | (1137) |
| Numonyx | PF38F5566MMY0   | [SCSP107] | (BEFP) (NOR2) | (1137) |
| Numonyx | PF38F5566MMY0   | [SCSP107] | (NOR1)        | (1137) |
| Numonyx | PF38F5566MMY0   | [SCSP107] | (NOR2)        | (1137) |
| Numonyx | PF38F5570MMY0   | [SCSP165] |               | (1301) |
| Numonyx | PF38F5570MMY0   | [SCSP165] | (BEFP)        | (1301) |
| Numonyx | PF38F5570MMY0   | [SCSP165] | (BEFP) (NOR1) | (1301) |
| Numonyx | PF38F5570MMY0   | [SCSP165] | (BEFP) (NOR2) | (1301) |
| Numonyx | PF38F5570MMY0   | [SCSP165] | (NOR1)        | (1301) |
| Numonyx | PF38F5570MMY0   | [SCSP165] | (NOR2)        | (1301) |
| Numonyx | PF38F6070M0Q0CE | [SCSP107] |               | (1138) |
| Numonyx | PF38F6070M0Q0CE | [SCSP107] | (BEFP)        | (1138) |
| Numonyx | PF38F6070M0Q1CE | [SCSP107] |               | (1224) |
| Numonyx | PF38F6070M0Q1CE | [SCSP107] | (BEFP)        | (1224) |
| Numonyx | PF38F6070M0Y0   | [SCSP105] |               | (1192) |
| Numonyx | PF38F6070M0Y0   | [SCSP105] | (BEFP)        | (1192) |
| Numonyx | PF38F6070M0Y0   | [SCSP107] |               | (1141) |
| Numonyx | PF38F6070M0Y0   | [SCSP107] | (BEFP)        | (1141) |
| Numonyx | PF38F6070M0Y0   | [SCSP165] |               | (1238) |
| Numonyx | PF38F6070M0Y0   | [SCSP165] | (BEFP)        | (1238) |
| Numonyx | PF38F6070M0Y1   | [SCSP107] |               | (1224) |
| Numonyx | PF38F6070M0Y1   | [SCSP107] | (BEFP)        | (1224) |
| Numonyx | PF38F6070M0Y3   | [SCSP107] |               | (1224) |
| Numonyx | PF38F6070M0Y3   | [SCSP107] | (BEFP)        | (1224) |
| Numonyx | PF48F1000W0YB   | [SCSP88]  |               | (802)  |
| Numonyx | PF48F1000W0YC   | [SCSP88]  |               | (910)  |
| Numonyx | PF48F1000W0YT   | [SCSP88]  |               | (802)  |
| Numonyx | PF48F1000W0YU   | [SCSP88]  |               | (910)  |
| Numonyx | PF48F1000W0ZB   | [SCSP88]  |               | (638)  |
| Numonyx | PF48F1000W0ZT   | [SCSP88]  |               | (638)  |
| Numonyx | PF48F2000P0XB   | [SCSP88]  |               | (637)  |
| Numonyx | PF48F2000P0XB   | [SCSP88]  | (BEFP)        | (637)  |
| Numonyx | PF48F2000P0XT   | [SCSP88]  |               | (637)  |
| Numonyx | PF48F2000P0XT   | [SCSP88]  | (BEFP)        | (637)  |
| Numonyx | PF48F2000P0ZB   | [SCSP88]  |               | (637)  |
| Numonyx | PF48F2000P0ZT   | [SCSP88]  |               | (637)  |
| Numonyx | PF48F2000W0ZB   | [SCSP88]  |               | (638)  |
| Numonyx | PF48F2000W0ZT   | [SCSP88]  |               | (638)  |
| Numonyx | PF48F2100W0YD   | [SCSP88]  |               | (802)  |
| Numonyx | PF48F2200W0YD   | [SCSP88]  |               | (802)  |
| Numonyx | PF48F3000L0YB   | [SCSP88]  |               | (637)  |
| Numonyx | PF48F3000L0YT   | [SCSP88]  |               | (637)  |
| Numonyx | PF48F3000L0ZB   | [SCSP88]  |               | (638)  |
| Numonyx | PF48F3000L0ZT   | [SCSP88]  |               | (638)  |
| Numonyx | PF48F3000M0Y0   | [SCSP88]  |               | (802)  |
| Numonyx | PF48F3000M0Y0   | [SCSP88]  | (BEFP)        | (802)  |
| Numonyx | PF48F3000M0Y1   | [SCSP88]  |               | (910)  |
| Numonyx | PF48F3000M0Y1   | [SCSP88]  | (BEFP)        | (910)  |
| Numonyx | PF48F3000P0XB   | [SCSP88]  |               | (637)  |
| Numonyx | PF48F3000P0XB   | [SCSP88]  | (BEFP)        | (637)  |
| Numonyx | PF48F3000P0XT   | [SCSP88]  |               | (637)  |
| Numonyx | PF48F3000P0XT   | [SCSP88]  | (BEFP)        | (637)  |
| Numonyx | PF48F3000P0ZB   | [SCSP88]  |               | (637)  |
| Numonyx | PF48F3000P0ZBQE | [SCSP88]  |               | (637)  |
| Numonyx | PF48F3000P0ZT   | [SCSP88]  |               | (637)  |
| Numonyx | PF48F3000P0ZTQE | [SCSP88]  |               | (637)  |
| Numonyx | PF48F3000W0YB   | [SCSP88]  |               | (637)  |
| Numonyx | PF48F3000W0YT   | [SCSP88]  |               | (637)  |
| Numonyx | PF48F3300L0YD   | [SCSP88]  |               | (637)  |
| Numonyx | PF48F3300L0ZD   | [SCSP88]  |               | (638)  |
| Numonyx | PF48F3300W0YB   | [SCSP88]  |               | (802)  |
| Numonyx | PF48F3300W0YD   | [SCSP88]  |               | (802)  |
| Numonyx | PF48F4000L0YB   | [SCSP88]  |               | (804)  |
| Numonyx | PF48F4000L0YT   | [SCSP103] |               | (1191) |
| Numonyx | PF48F4000L0YT   | [SCSP88]  |               | (804)  |
| Numonyx | PF48F4000L0ZB   | [SCSP88]  |               | (805)  |
| Numonyx | PF48F4000L0ZT   | [SCSP88]  |               | (805)  |
| Numonyx | PF48F4000M0Y0   | [SCSP107] |               | (1136) |
| Numonyx | PF48F4000M0Y0   | [SCSP107] | (BEFP)        | (1136) |
| Numonyx | PF48F4000P0XB   | [SCSP88]  |               | (804)  |
| Numonyx | PF48F4000P0XB   | [SCSP88]  | (BEFP)        | (804)  |
| Numonyx | PF48F4000P0XT   | [SCSP88]  |               | (804)  |
| Numonyx | PF48F4000P0XT   | [SCSP88]  | (BEFP)        | (804)  |
| Numonyx | PF48F4000P0ZB   | [SCSP88]  |               | (804)  |
| Numonyx | PF48F4000P0ZBQE | [SCSP88]  |               | (804)  |
| Numonyx | PF48F4000P0ZT   | [SCSP88]  |               | (804)  |
| Numonyx | PF48F4000P0ZTQE | [SCSP88]  |               | (804)  |
| Numonyx | PF48F4400L0YD   | [SCSP88]  |               | (804)  |
| Numonyx | PF48F4400L0ZD   | [SCSP88]  |               | (805)  |
| Numonyx | PF48F4400P0TB   | [SCSP88]  |               | (875)  |
| Numonyx | PF48F4400P0TT   | [SCSP88]  |               | (875)  |
| Numonyx | PF48F4400P0VB   | [SCSP88]  |               | (875)  |
| Numonyx | PF48F4400P0VBQE | [SCSP88]  |               | (875)  |
| Numonyx | PF48F4400P0VBQE | [SCSP88]  | (BEFP)        | (875)  |
| Numonyx | PF48F4400P0VBQE | [SCSP88]  | (BEFP) (NOR1) | (875)  |
| Numonyx | PF48F4400P0VBQE | [SCSP88]  | (BEFP) (NOR2) | (875)  |
| Numonyx | PF48F4400P0VBQE | [SCSP88]  | (NOR1)        | (875)  |

|         |                            |               |             |
|---------|----------------------------|---------------|-------------|
| Numonyx | PF48F4400P0VBQE [SCSP88]   | (NOR2)        | (875)       |
| Numonyx | PF48F4400P0VT [SCSP88]     |               | (875)       |
| Numonyx | PF48F5000M0Y0 [SCSP105]    |               | (1189)      |
| Numonyx | PF48F5000M0Y0 [SCSP105]    | (BEFP)        | (1189)      |
| Numonyx | PF48F5000M0Y0 [SCSP107]    |               | (1136)      |
| Numonyx | PF48F5000M0Y0 [SCSP107]    | (BEFP)        | (1136)      |
| Numonyx | PF48F5000M0Y1 [SCSP105]    |               | (1226)      |
| Numonyx | PF48F5000M0Y1 [SCSP105]    | (BEFP)        | (1226)      |
| Numonyx | PF48F5500M0Y0 [SCSP105]    |               | (1189)      |
| Numonyx | PF48F5500M0Y0 [SCSP105]    | (BEFP)        | (1189)      |
| Numonyx | PF48F5500M0Y0 [SCSP105]    | (BEFP) (NOR1) | (1189)      |
| Numonyx | PF48F5500M0Y0 [SCSP105]    | (BEFP) (NOR2) | (1189)      |
| Numonyx | PF48F5500M0Y0 [SCSP105]    | (NOR1)        | (1189)      |
| Numonyx | PF48F5500M0Y0 [SCSP105]    | (NOR2)        | (1189)      |
| Numonyx | PF48F5500M0Y1 [SCSP105]    |               | (1226)      |
| Numonyx | PF48F5500M0Y1 [SCSP105]    | (BEFP)        | (1226)      |
| Numonyx | PF48F5500M0Y1 [SCSP105]    | (BEFP) (NOR1) | (1226)      |
| Numonyx | PF48F5500M0Y1 [SCSP105]    | (BEFP) (NOR2) | (1226)      |
| Numonyx | PF48F5500M0Y1 [SCSP105]    | (NOR1)        | (1226)      |
| Numonyx | PF48F5500M0Y1 [SCSP105]    | (NOR2)        | (1226)      |
| Numonyx | PF48F6000M0Y0 [SCSP105]    |               | (1190)      |
| Numonyx | PF48F6000M0Y0 [SCSP105]    | (BEFP)        | (1190)      |
| Numonyx | PH28F128L18B [VFBGA56]     |               | (729)       |
| Numonyx | PH28F128L18T [VFBGA56]     |               | (729)       |
| Numonyx | PH28F128L30B [VFBGA56]     |               | (729)       |
| Numonyx | PH28F128L30T [VFBGA56]     |               | (729)       |
| Numonyx | PH28F128W18B [VFBGA56]     |               | (776)       |
| Numonyx | PH28F128W18T [VFBGA56]     |               | (776)       |
| Numonyx | PH28F128W30B [VFBGA56]     |               | (776)       |
| Numonyx | PH28F128W30T [VFBGA56]     |               | (776)       |
| Numonyx | PH28F256L18B [VFBGA79]     |               | (1007)      |
| Numonyx | PH28F256L18T [VFBGA79]     |               | (1007)      |
| Numonyx | PH28F256L30B [VFBGA79]     |               | (1007)      |
| Numonyx | PH28F256L30T [VFBGA79]     |               | (1007)      |
| Numonyx | PH28F320W18B [VFBGA56]     |               | (729)       |
| Numonyx | PH28F320W18T [VFBGA56]     |               | (729)       |
| Numonyx | PH28F320W30B [VFBGA56]     |               | (729)       |
| Numonyx | PH28F320W30T [VFBGA56]     |               | (729)       |
| Numonyx | PH28F640L18B [VFBGA56]     |               | (729)       |
| Numonyx | PH28F640L18T [VFBGA56]     |               | (729)       |
| Numonyx | PH28F640L30B [VFBGA56]     |               | (729)       |
| Numonyx | PH28F640L30T [VFBGA56]     |               | (729)       |
| Numonyx | PH28F640W18B [VFBGA56]     |               | (729)       |
| Numonyx | PH28F640W18T [VFBGA56]     |               | (729)       |
| Numonyx | PH28F640W30B [VFBGA56]     |               | (729)       |
| Numonyx | PH28F640W30T [VFBGA56]     |               | (729)       |
| Numonyx | PN28F256M29EWH [VFBGA56]   |               | (2772)      |
| Numonyx | PN28F256M29EWL [VFBGA56]   |               | (2772)      |
| Numonyx | PZ28F032M29EWH [BGA48]     |               | (859)       |
| Numonyx | PZ28F032M29EWH [BGA48]     |               | (859)       |
| Numonyx | PZ28F032M29EWL [BGA48]     |               | (859)       |
| Numonyx | PZ28F032M29EWT [BGA48]     |               | (859)       |
| Numonyx | PZ28F064M29EWH [BGA48]     |               | (859)       |
| Numonyx | PZ28F064M29EWHX [BGA48]    |               | (859)       |
| Numonyx | PZ28F064M29EWL [BGA48]     |               | (859)       |
| Numonyx | PZ28F064M29EWLX [BGA48]    |               | (859)       |
| Numonyx | PZ28F064M29EWT [BGA48]     |               | (859)       |
| Numonyx | PZ28F064M29EWTX [BGA48]    |               | (859)       |
| Numonyx | QB25F016S33B [SOIC8]       |               | (3088) (*1) |
| Numonyx | QB25F016S33T [SOIC8]       |               | (3088) (*1) |
| Numonyx | QB25F160S33B [SOIC16]      |               | (3101) (*1) |
| Numonyx | QB25F160S33T [SOIC16]      |               | (3101) (*1) |
| Numonyx | QB25F320S33B [SOIC16]      |               | (3101) (*1) |
| Numonyx | QB25F320S33T [SOIC16]      |               | (3101) (*1) |
| Numonyx | QB25F640S33B [SOIC16]      |               | (3101) (*1) |
| Numonyx | QB25F640S33T [SOIC16]      |               | (3101) (*1) |
| Numonyx | QH25F016S33B [SOIC8]       |               | (3088) (*1) |
| Numonyx | QH25F016S33T [SOIC8]       |               | (3088) (*1) |
| Numonyx | QH25F160S33B [SOIC16]      |               | (3101) (*1) |
| Numonyx | QH25F160S33T [SOIC16]      |               | (3101) (*1) |
| Numonyx | QH25F320S33B [SOIC16]      |               | (3101) (*1) |
| Numonyx | QH25F320S33T [SOIC16]      |               | (3101) (*1) |
| Numonyx | QH25F640S33B [SOIC16]      |               | (3101) (*1) |
| Numonyx | QH25F640S33T [SOIC16]      |               | (3101) (*1) |
| Numonyx | RC28F00AM29EWH [BGA64]     |               | (1109)      |
| Numonyx | RC28F00AM29EWL [BGA64]     |               | (1109)      |
| Numonyx | RC28F00AP30BF [Easy BGA64] |               | (1307)      |
| Numonyx | RC28F00AP30BF [Easy BGA64] | (BEFP)        | (1307)      |
| Numonyx | RC28F00AP30TF [Easy BGA64] |               | (1307)      |
| Numonyx | RC28F00AP30TF [Easy BGA64] | (BEFP)        | (1307)      |
| Numonyx | RC28F00BM29EWH [BGA64]     |               | (2599)      |
| Numonyx | RC28F128J3D [Easy BGA64]   |               | (943)       |
| Numonyx | RC28F128J3F [Easy BGA64]   |               | (943)       |
| Numonyx | RC28F128M29EWH [BGA64]     |               | (938)       |
| Numonyx | RC28F128M29EWL [BGA64]     |               | (938)       |
| Numonyx | RC28F128P30B [Easy BGA64]  |               | (701)       |
| Numonyx | RC28F128P30B [Easy BGA64]  | (BEFP)        | (701)       |
| Numonyx | RC28F128P30BF [Easy BGA64] |               | (701)       |
| Numonyx | RC28F128P30BF [Easy BGA64] | (BEFP)        | (701)       |
| Numonyx | RC28F128P30T [Easy BGA64]  |               | (701)       |
| Numonyx | RC28F128P30T [Easy BGA64]  | (BEFP)        | (701)       |
| Numonyx | RC28F128P30TF [Easy BGA64] |               | (701)       |
| Numonyx | RC28F128P33B [Easy BGA64]  |               | (867)       |
| Numonyx | RC28F128P33B [Easy BGA64]  | (BEFP)        | (867)       |
| Numonyx | RC28F128P33BF [Easy BGA64] |               | (867)       |
| Numonyx | RC28F128P33T [Easy BGA64]  |               | (867)       |
| Numonyx | RC28F128P33T [Easy BGA64]  | (BEFP)        | (867)       |
| Numonyx | RC28F128P33TF [Easy BGA64] |               | (867)       |
| Numonyx | RC28F256J3D [Easy BGA64]   |               | (1255)      |
| Numonyx | RC28F256J3F [Easy BGA64]   |               | (1255)      |
| Numonyx | RC28F256M29EWH [BGA64]     |               | (938)       |
| Numonyx | RC28F256M29EWL [BGA64]     |               | (938)       |
| Numonyx | RC28F256P30B [Easy BGA64]  |               | (701)       |
| Numonyx | RC28F256P30B [Easy BGA64]  | (BEFP)        | (701)       |
| Numonyx | RC28F256P30BF [Easy BGA64] |               | (701)       |
| Numonyx | RC28F256P30BF [Easy BGA64] | (BEFP)        | (701)       |
| Numonyx | RC28F256P30T [Easy BGA64]  |               | (701)       |
| Numonyx | RC28F256P30T [Easy BGA64]  | (BEFP)        | (701)       |
| Numonyx | RC28F256P30TF [Easy BGA64] |               | (701)       |
| Numonyx | RC28F256P33B [Easy BGA64]  |               | (701)       |
| Numonyx | RC28F256P33B [Easy BGA64]  | (BEFP)        | (701)       |
| Numonyx | RC28F256P33BF [Easy BGA64] |               | (701)       |
| Numonyx | RC28F256P33BF [Easy BGA64] | (BEFP)        | (701)       |
| Numonyx | RC28F256P33T [Easy BGA64]  |               | (701)       |
| Numonyx | RC28F256P33T [Easy BGA64]  | (BEFP)        | (701)       |
| Numonyx | RC28F256P33TF [Easy BGA64] |               | (701)       |
| Numonyx | RC28F256P33TF [Easy BGA64] | (BEFP)        | (701)       |
| Numonyx | RC28F320J3D [Easy BGA64]   |               | (943)       |
| Numonyx | RC28F320J3F [Easy BGA64]   |               | (943)       |
| Numonyx | RC28F512M29EWH [BGA64]     |               | (938)       |
| Numonyx | RC28F512M29EWL [BGA64]     |               | (938)       |
| Numonyx | RC28F640J3D [Easy BGA64]   |               | (943)       |
| Numonyx | RC28F640J3F [Easy BGA64]   |               | (943)       |
| Numonyx | RC28F640P30B [Easy BGA64]  |               | (701)       |
| Numonyx | RC28F640P30B [Easy BGA64]  | (BEFP)        | (701)       |

|         |                 |              |               |        |
|---------|-----------------|--------------|---------------|--------|
| Numonyx | RC28F640P30BF   | [EasyBGA64]  |               | (701)  |
| Numonyx | RC28F640P30BF   | [EasyBGA64]  | (BEFP)        | (701)  |
| Numonyx | RC28F640P30T    | [Easy BGA64] |               | (701)  |
| Numonyx | RC28F640P30T    | [Easy BGA64] | (BEFP)        | (701)  |
| Numonyx | RC28F640P30TF   | [EasyBGA64]  |               | (701)  |
| Numonyx | RC28F640P30TF   | [EasyBGA64]  | (BEFP)        | (701)  |
| Numonyx | RC28F640P33B    | [Easy BGA64] |               | (867)  |
| Numonyx | RC28F640P33B    | [Easy BGA64] | (BEFP)        | (867)  |
| Numonyx | RC28F640P33BF   | [Easy BGA64] |               | (867)  |
| Numonyx | RC28F640P33T    | [Easy BGA64] |               | (867)  |
| Numonyx | RC28F640P33T    | [Easy BGA64] | (BEFP)        | (867)  |
| Numonyx | RC28F640P33TF   | [Easy BGA64] |               | (867)  |
| Numonyx | RC48F4400P0TB   | [Easy BGA64] |               | (701)  |
| Numonyx | RC48F4400P0TB0E | [Easy BGA64] |               | (701)  |
| Numonyx | RC48F4400P0TB0E | [Easy BGA64] | (BEFP)        | (701)  |
| Numonyx | RC48F4400P0TB0E | [Easy BGA64] | (BEFP) (NOR1) | (701)  |
| Numonyx | RC48F4400P0TB0E | [Easy BGA64] | (BEFP) (NOR2) | (701)  |
| Numonyx | RC48F4400P0TB0E | [Easy BGA64] | (NOR1)        | (701)  |
| Numonyx | RC48F4400P0TB0E | [Easy BGA64] | (NOR2)        | (701)  |
| Numonyx | RC48F4400P0TT   | [Easy BGA64] |               | (701)  |
| Numonyx | RC48F4400P0VB   | [Easy BGA64] |               | (701)  |
| Numonyx | RC48F4400P0VB0E | [Easy BGA64] |               | (701)  |
| Numonyx | RC48F4400P0VB0E | [Easy BGA64] | (BEFP)        | (701)  |
| Numonyx | RC48F4400P0VB0E | [Easy BGA64] | (BEFP) (NOR1) | (701)  |
| Numonyx | RC48F4400P0VB0E | [Easy BGA64] | (BEFP) (NOR2) | (701)  |
| Numonyx | RC48F4400P0VB0E | [Easy BGA64] | (NOR1)        | (701)  |
| Numonyx | RC48F4400P0VB0E | [Easy BGA64] | (NOR2)        | (701)  |
| Numonyx | RC48F4400P0VT   | [Easy BGA64] |               | (701)  |
| Numonyx | RD38F1020W0YB   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F1020W0YT   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F1030W0YB   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F1030W0YT   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F1030W0ZB   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F1030W0ZT   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F2010W0YB   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F2010W0YT   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F2020W0YB   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F2020W0YT   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F2020W0ZB   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F2020W0ZT   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F2030W0YB   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F2030W0YT   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F2030W0ZB   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F2030W0ZT   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F2040W0YB   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F2040W0YT   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F2040W0ZB   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F2040W0ZT   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F2230WWYD   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F2230WWZD   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F2240WWYD   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F2240WWZD   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F3040L0YB   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F3040L0YT   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F3040L0ZB   | [SCSP88]     |               | (638)  |
| Numonyx | RD38F3040L0ZT   | [SCSP88]     |               | (638)  |
| Numonyx | RD38F3050L0YB   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F3050L0YT   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F3050L0ZB   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F3050L0ZT   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F3340LLYD   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F3350LLZD   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F3350WWZD   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F3352LLYD   | [SCSP88]     |               | (802)  |
| Numonyx | RD38F3352LLZB   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F3352LLZD   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F3352LLZT   | [SCSP88]     |               | (803)  |
| Numonyx | RD38F4050L0YB   | [SCSP88]     |               | (806)  |
| Numonyx | RD38F4050L0YT   | [SCSP88]     |               | (806)  |
| Numonyx | RD38F4050L0ZB   | [SCSP88]     |               | (805)  |
| Numonyx | RD38F4050L0ZT   | [SCSP88]     |               | (805)  |
| Numonyx | RD38F4055L0YB   | [SCSP88]     |               | (806)  |
| Numonyx | RD38F4055L0YT   | [SCSP88]     |               | (806)  |
| Numonyx | RD38F4055L0ZB   | [SCSP88]     |               | (807)  |
| Numonyx | RD38F4055L0ZT   | [SCSP88]     |               | (807)  |
| Numonyx | RD38F4455LLYB   | [SCSP88]     |               | (806)  |
| Numonyx | RD38F4455LLYT   | [SCSP88]     |               | (806)  |
| Numonyx | RD38F4455LLZB   | [SCSP88]     |               | (807)  |
| Numonyx | RD38F4455LLZT   | [SCSP88]     |               | (807)  |
| Numonyx | RD48F1000W0YB   | [SCSP88]     |               | (802)  |
| Numonyx | RD48F1000W0YT   | [SCSP88]     |               | (802)  |
| Numonyx | RD48F2000P0XB   | [SCSP88]     | (BEFP)        | (637)  |
| Numonyx | RD48F2000P0XB   | [SCSP88]     |               | (637)  |
| Numonyx | RD48F2000P0XT   | [SCSP88]     |               | (637)  |
| Numonyx | RD48F2000P0XT   | [SCSP88]     | (BEFP)        | (637)  |
| Numonyx | RD48F2000P0ZB   | [SCSP88]     |               | (637)  |
| Numonyx | RD48F2000P0ZT   | [SCSP88]     |               | (637)  |
| Numonyx | RD48F2100W0YD   | [SCSP88]     |               | (802)  |
| Numonyx | RD48F2200W0YD   | [SCSP88]     |               | (802)  |
| Numonyx | RD48F3000L0YB   | [SCSP88]     |               | (637)  |
| Numonyx | RD48F3000L0YT   | [SCSP88]     |               | (637)  |
| Numonyx | RD48F3000L0ZB   | [SCSP88]     |               | (638)  |
| Numonyx | RD48F3000L0ZT   | [SCSP88]     |               | (638)  |
| Numonyx | RD48F3000P0XB   | [SCSP88]     |               | (637)  |
| Numonyx | RD48F3000P0XB   | [SCSP88]     | (BEFP)        | (637)  |
| Numonyx | RD48F3000P0XT   | [SCSP88]     |               | (637)  |
| Numonyx | RD48F3000P0XT   | [SCSP88]     | (BEFP)        | (637)  |
| Numonyx | RD48F3000P0ZB   | [SCSP88]     |               | (637)  |
| Numonyx | RD48F3000P0ZBQE | [SCSP88]     |               | (637)  |
| Numonyx | RD48F3000P0ZT   | [SCSP88]     |               | (637)  |
| Numonyx | RD48F3000P0ZTQE | [SCSP88]     |               | (637)  |
| Numonyx | RD48F3000W0YB   | [SCSP88]     |               | (637)  |
| Numonyx | RD48F3000W0YT   | [SCSP88]     |               | (637)  |
| Numonyx | RD48F3000W0ZB   | [SCSP88]     |               | (638)  |
| Numonyx | RD48F3000W0ZT   | [SCSP88]     |               | (638)  |
| Numonyx | RD48F3300L0YD   | [SCSP88]     |               | (637)  |
| Numonyx | RD48F3300L0ZD   | [SCSP88]     |               | (638)  |
| Numonyx | RD48F4000P0XB   | [SCSP88]     |               | (804)  |
| Numonyx | RD48F4000P0XB   | [SCSP88]     | (BEFP)        | (804)  |
| Numonyx | RD48F4000P0XT   | [SCSP88]     |               | (804)  |
| Numonyx | RD48F4000P0XT   | [SCSP88]     | (BEFP)        | (804)  |
| Numonyx | RD48F4000P0ZB   | [SCSP88]     |               | (804)  |
| Numonyx | RD48F4000P0ZT   | [SCSP88]     |               | (804)  |
| Numonyx | RD48F4400L0YD   | [SCSP88]     |               | (804)  |
| Numonyx | RD48F4400L0ZD   | [SCSP88]     |               | (805)  |
| Numonyx | RD48F4400P0TB   | [SCSP88]     |               | (875)  |
| Numonyx | RD48F4400P0TT   | [SCSP88]     |               | (875)  |
| Numonyx | RD48F4400P0VB   | [SCSP88]     |               | (875)  |
| Numonyx | RD48F4400P0VBQE | [SCSP88]     |               | (875)  |
| Numonyx | RD48F4400P0VBQE | [SCSP88]     | (BEFP)        | (875)  |
| Numonyx | RD48F4400P0VBQE | [SCSP88]     | (BEFP) (NOR1) | (875)  |
| Numonyx | RD48F4400P0VBQE | [SCSP88]     | (BEFP) (NOR2) | (875)  |
| Numonyx | RD48F4400P0VBQE | [SCSP88]     | (NOR1)        | (875)  |
| Numonyx | RD48F4400P0VBQE | [SCSP88]     | (NOR2)        | (875)  |
| Numonyx | RD48F4400P0VT   | [SCSP88]     |               | (875)  |
| Numonyx | TE28F128J3D     | [TSOP56]     |               | (1400) |
| Numonyx | TE28F128J3F     | [TSOP56]     |               | (1400) |
| Numonyx | TE28F128P30B    | [TSOP56]     |               | (1404) |

|         |               |           |            |        |
|---------|---------------|-----------|------------|--------|
| Numonyx | TE28F128P30B  | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE28F128P30T  | [TSOP56]  |            | (1404) |
| Numonyx | TE28F128P30T  | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE28F128P33B  | [TSOP56]  |            | (1404) |
| Numonyx | TE28F128P33B  | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE28F128P33T  | [TSOP56]  |            | (1404) |
| Numonyx | TE28F128P33T  | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE28F256J3D   | [TSOP56]  |            | (1400) |
| Numonyx | TE28F256J3F   | [TSOP56]  |            | (1400) |
| Numonyx | TE28F256P30B  | [TSOP56]  |            | (1404) |
| Numonyx | TE28F256P30B  | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE28F256P30BF | [TSOP56]  |            | (1408) |
| Numonyx | TE28F256P30BF | [TSOP56]  | (BEFP)     | (1408) |
| Numonyx | TE28F256P30T  | [TSOP56]  |            | (1404) |
| Numonyx | TE28F256P30T  | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE28F256P30TF | [TSOP56]  |            | (1408) |
| Numonyx | TE28F256P30TF | [TSOP56]  | (BEFP)     | (1408) |
| Numonyx | TE28F256P33B  | [TSOP56]  |            | (1404) |
| Numonyx | TE28F256P33B  | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE28F256P33BF | [TSOP56]  |            | (1404) |
| Numonyx | TE28F256P33BF | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE28F256P33T  | [TSOP56]  |            | (1404) |
| Numonyx | TE28F256P33T  | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE28F256P33TF | [TSOP56]  |            | (1404) |
| Numonyx | TE28F256P33TF | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE28F320J3D   | [TSOP56]  |            | (1400) |
| Numonyx | TE28F320J3F   | [TSOP56]  |            | (1400) |
| Numonyx | TE28F640J3D   | [TSOP56]  |            | (1400) |
| Numonyx | TE28F640J3F   | [TSOP56]  |            | (1400) |
| Numonyx | TE28F640P30B  | [TSOP56]  |            | (1404) |
| Numonyx | TE28F640P30B  | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE28F640P30T  | [TSOP56]  |            | (1404) |
| Numonyx | TE28F640P30T  | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE28F640P33B  | [TSOP56]  |            | (1404) |
| Numonyx | TE28F640P33B  | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE28F640P33T  | [TSOP56]  |            | (1404) |
| Numonyx | TE28F640P33T  | [TSOP56]  | (BEFP)     | (1404) |
| Numonyx | TE48F4000P0VB | [TSOP56]  |            | (1404) |
| Numonyx | TE48F4000P0VT | [TSOP56]  |            | (1404) |
| Numonyx | TE48F4400P0TB | [TSOP56]  |            | (1408) |
| Numonyx | TE48F4400P0TT | [TSOP56]  |            | (1408) |
| Numonyx | TE48F4400P0VB | [TSOP56]  |            | (1408) |
| Numonyx | TE48F4400P0VT | [TSOP56]  |            | (1408) |
| Nuvoton | C321PM52T     | [QFN33]   |            | (2700) |
| Nuvoton | ISD15102      | [LQFP48]  |            | (1494) |
| Nuvoton | ISD15104      | [LQFP48]  |            | (1494) |
| Nuvoton | ISD15108      | [LQFP48]  |            | (1494) |
| Nuvoton | ISD15116      | [LQFP48]  |            | (1494) |
| Nuvoton | ISD2110       | [QFN20]   |            | (2282) |
| Nuvoton | ISD2115A      | [QFN20]   |            | (2282) |
| Nuvoton | ISD2130       | [QFN20]   |            | (2282) |
| Nuvoton | M0516LAN      | [LQFP48]  |            | (2319) |
| Nuvoton | M0516LBN      | [LQFP48]  |            | (2319) |
| Nuvoton | M0516LCN      | [LQFP48]  |            | (2319) |
| Nuvoton | M0516LDE      | [LQFP48]  |            | (2319) |
| Nuvoton | M0516LDN      | [LQFP48]  |            | (2319) |
| Nuvoton | M0516ZAN      | [QFN33]   |            | (2329) |
| Nuvoton | M0516ZBN      | [QFN33]   |            | (2329) |
| Nuvoton | M0516ZCN      | [QFN33]   |            | (2329) |
| Nuvoton | M0516ZDE      | [QFN33]   |            | (2329) |
| Nuvoton | M0516ZDN      | [QFN33]   |            | (2329) |
| Nuvoton | M0518LC2AE    | [LQFP48]  | (DFVSEN=0) | (3158) |
| Nuvoton | M0518LC2AE    | [LQFP48]  | (DFVSEN=1) | (3158) |
| Nuvoton | M0518LD2AE    | [LQFP48]  | (DFVSEN=0) | (3158) |
| Nuvoton | M0518LD2AE    | [LQFP48]  | (DFVSEN=1) | (3158) |
| Nuvoton | M0518SC2AE    | [LQFP64]  | (DFVSEN=0) | (4630) |
| Nuvoton | M0518SC2AE    | [LQFP64]  | (DFVSEN=1) | (4630) |
| Nuvoton | M0518SD2AE    | [LQFP64]  | (DFVSEN=0) | (4630) |
| Nuvoton | M0518SD2AE    | [LQFP64]  | (DFVSEN=1) | (4630) |
| Nuvoton | M052LAN       | [LQFP48]  |            | (2319) |
| Nuvoton | M052LBN       | [LQFP48]  |            | (2319) |
| Nuvoton | M052LCN       | [LQFP48]  |            | (2319) |
| Nuvoton | M052LDE       | [LQFP48]  |            | (2319) |
| Nuvoton | M052LDN       | [LQFP48]  |            | (2319) |
| Nuvoton | M052ZAN       | [QFN33]   |            | (2329) |
| Nuvoton | M052ZBN       | [QFN33]   |            | (2329) |
| Nuvoton | M052ZCN       | [QFN33]   |            | (2329) |
| Nuvoton | M052ZDE       | [QFN33]   |            | (2329) |
| Nuvoton | M052ZDN       | [QFN33]   |            | (2329) |
| Nuvoton | M054LAN       | [LQFP48]  |            | (2319) |
| Nuvoton | M054LBN       | [LQFP48]  |            | (2319) |
| Nuvoton | M054LCN       | [LQFP48]  |            | (2319) |
| Nuvoton | M054LDE       | [LQFP48]  |            | (2319) |
| Nuvoton | M054LDN       | [LQFP48]  |            | (2319) |
| Nuvoton | M054ZAN       | [QFN33]   |            | (2329) |
| Nuvoton | M054ZBN       | [QFN33]   |            | (2329) |
| Nuvoton | M054ZCN       | [QFN33]   |            | (2329) |
| Nuvoton | M054ZDE       | [QFN33]   |            | (2329) |
| Nuvoton | M054ZDN       | [QFN33]   |            | (2329) |
| Nuvoton | M058LAN       | [LQFP48]  |            | (2319) |
| Nuvoton | M058LBN       | [LQFP48]  |            | (2319) |
| Nuvoton | M058LCN       | [LQFP48]  |            | (2319) |
| Nuvoton | M058LDE       | [LQFP48]  |            | (2319) |
| Nuvoton | M058LDN       | [LQFP48]  |            | (2319) |
| Nuvoton | M058SFAN      | [TSSOP20] |            | (3335) |
| Nuvoton | M058SLAN      | [LQFP48]  |            | (2319) |
| Nuvoton | M058SZAN      | [QFN33]   |            | (2329) |
| Nuvoton | M058ZAN       | [QFN33]   |            | (2329) |
| Nuvoton | M058ZBN       | [QFN33]   |            | (2329) |
| Nuvoton | M058ZCN       | [QFN33]   |            | (2329) |
| Nuvoton | M058ZDE       | [QFN33]   |            | (2329) |
| Nuvoton | M058ZDN       | [QFN33]   |            | (2329) |
| Nuvoton | MINI51FDE     | [TSSOP20] |            | (3311) |
| Nuvoton | MINI51LAN     | [LQFP48]  |            | (2696) |
| Nuvoton | MINI51LBN     | [LQFP48]  |            | (2696) |
| Nuvoton | MINI51LDE     | [LQFP48]  |            | (2696) |
| Nuvoton | MINI51TAN     | [QFN33]   |            | (2700) |
| Nuvoton | MINI51TBN     | [QFN33]   |            | (2700) |
| Nuvoton | MINI51TDE     | [QFN33]   |            | (2700) |
| Nuvoton | MINI51ZAN     | [QFN33]   |            | (2699) |
| Nuvoton | MINI51ZBN     | [QFN33]   |            | (2699) |
| Nuvoton | MINI51ZDE     | [QFN33]   |            | (2699) |
| Nuvoton | MINI52FDE     | [TSSOP20] |            | (3311) |
| Nuvoton | MINI52LAN     | [LQFP48]  |            | (2696) |
| Nuvoton | MINI52LBN     | [LQFP48]  |            | (2696) |
| Nuvoton | MINI52LDE     | [LQFP48]  |            | (2696) |
| Nuvoton | MINI52TAN     | [QFN33]   |            | (2700) |
| Nuvoton | MINI52TBN     | [QFN33]   |            | (2700) |
| Nuvoton | MINI52TDE     | [QFN33]   |            | (2700) |
| Nuvoton | MINI52ZAN     | [QFN33]   |            | (2699) |
| Nuvoton | MINI52ZBN     | [QFN33]   |            | (2699) |
| Nuvoton | MINI52ZDE     | [QFN33]   |            | (2699) |
| Nuvoton | MINI54FDE     | [TSSOP20] |            | (3311) |
| Nuvoton | MINI54LAN     | [LQFP48]  |            | (2696) |
| Nuvoton | MINI54LBN     | [LQFP48]  |            | (2696) |
| Nuvoton | MINI54LDE     | [LQFP48]  |            | (2696) |
| Nuvoton | MINI54TAN     | [QFN33]   |            | (2700) |
| Nuvoton | MINI54TBN     | [QFN33]   |            | (2700) |

|         |                               |        |
|---------|-------------------------------|--------|
| Nuvoton | MINI54TDE [QFN33]             | (2700) |
| Nuvoton | MINI54ZAN [QFN33]             | (2699) |
| Nuvoton | MINI54ZBN [QFN33]             | (2699) |
| Nuvoton | MINI54ZDE [QFN33]             | (2699) |
| Nuvoton | MINI57TDE [QFN33]             | (4662) |
| Nuvoton | MINI58FDE [TSSOP20]           | (3311) |
| Nuvoton | MINI58LDE [LQFP48]            | (2696) |
| Nuvoton | MINI58TDE [QFN33]             | (2700) |
| Nuvoton | MINI58ZDE [QFN33]             | (2699) |
| Nuvoton | N569S1K0 [LQFP48] (Cortex-M0) | (5031) |
| Nuvoton | N569S1K0 [LQFP48] (SPI-Flash) | (5031) |
| Nuvoton | N569S1K1 [LQFP48] (Cortex-M0) | (5031) |
| Nuvoton | N569S1K1 [LQFP48] (SPI-Flash) | (5031) |
| Nuvoton | N569S2K0 [LQFP48] (Cortex-M0) | (5031) |
| Nuvoton | N569S2K0 [LQFP48] (SPI-Flash) | (5031) |
| Nuvoton | N569S4K0 [LQFP48] (Cortex-M0) | (5031) |
| Nuvoton | N569S4K0 [LQFP48] (SPI-Flash) | (5031) |
| Nuvoton | N569S8K0 [LQFP48] (Cortex-M0) | (5031) |
| Nuvoton | N569S8K0 [LQFP48] (SPI-Flash) | (5031) |
| Nuvoton | N76E003 [QFN20]               | (3652) |
| Nuvoton | N76E003 [TSSOP20]             | (4179) |
| Nuvoton | N76E003A [QFN20]              | (3652) |
| Nuvoton | N76E003B [QFN20]              | (4839) |
| Nuvoton | N76E003C [QFN20]              | (4839) |
| Nuvoton | N76E885 [TSSOP20]             | (4179) |
| Nuvoton | N78E055A                      |        |
| Nuvoton | N78E055A [LQFP48]             | (174)  |
| Nuvoton | N78E055A [PLCC44]             | (67)   |
| Nuvoton | N78E055A [PQFP44]             | (108)  |
| Nuvoton | N78E059A                      |        |
| Nuvoton | N78E059A [LQFP48]             | (174)  |
| Nuvoton | N78E059A [PLCC44]             | (67)   |
| Nuvoton | N78E059A [PQFP44]             | (108)  |
| Nuvoton | N78E366A                      |        |
| Nuvoton | N78E366A [LQFP48]             | (174)  |
| Nuvoton | N78E366A [PLCC44]             | (67)   |
| Nuvoton | N78E366A [PQFP44]             | (108)  |
| Nuvoton | N78E517A                      |        |
| Nuvoton | N78E517A [LQFP48]             | (174)  |
| Nuvoton | N78E517A [PLCC44]             | (67)   |
| Nuvoton | N78E517A [PQFP44]             | (108)  |
| Nuvoton | N79E234A [LQFP48]             | (174)  |
| Nuvoton | N79E234RA [LQFP48]            | (174)  |
| Nuvoton | N79E235A [LQFP48]             | (174)  |
| Nuvoton | N79E235RA [LQFP48]            | (174)  |
| Nuvoton | N79E342                       |        |
| Nuvoton | N79E342 [SOP16]               | (1060) |
| Nuvoton | N79E342A                      |        |
| Nuvoton | N79E342A [SOP16]              | (1060) |
| Nuvoton | N79E342R                      |        |
| Nuvoton | N79E342R [SOP16]              | (1060) |
| Nuvoton | N79E342RA                     |        |
| Nuvoton | N79E342RA [SOP16]             | (1060) |
| Nuvoton | N79E352                       |        |
| Nuvoton | N79E352 [LQFP48]              | (174)  |
| Nuvoton | N79E352 [PLCC44]              | (67)   |
| Nuvoton | N79E352 [PQFP44]              | (108)  |
| Nuvoton | N79E352A                      |        |
| Nuvoton | N79E352A [LQFP48]             | (174)  |
| Nuvoton | N79E352A [PLCC44]             | (67)   |
| Nuvoton | N79E352A [PQFP44]             | (108)  |
| Nuvoton | N79E352R                      |        |
| Nuvoton | N79E352R [LQFP48]             | (174)  |
| Nuvoton | N79E352R [PLCC44]             | (67)   |
| Nuvoton | N79E352R [PQFP44]             | (108)  |
| Nuvoton | N79E352RA                     |        |
| Nuvoton | N79E352RA [LQFP48]            | (174)  |
| Nuvoton | N79E352RA [PLCC44]            | (67)   |
| Nuvoton | N79E352RA [PQFP44]            | (108)  |
| Nuvoton | N79E35J [LQFP64]              | (1298) |
| Nuvoton | N79E715A [SOP20]              | (3724) |
| Nuvoton | N79E715A [TSSOP20]            | (4179) |
| Nuvoton | N79E715A [TSSOP28]            | (4804) |
| Nuvoton | N79E8132A [SOP16]             | (44)   |
| Nuvoton | N79E813A [SOP20]              | (119)  |
| Nuvoton | N79E813A [SOP28]              | (51)   |
| Nuvoton | N79E813A [TSSOP20]            | (1089) |
| Nuvoton | N79E813A [TSSOP28]            | (172)  |
| Nuvoton | N79E814A [SOP20]              | (119)  |
| Nuvoton | N79E814A [SOP28]              | (51)   |
| Nuvoton | N79E814A [TSSOP20]            | (1089) |
| Nuvoton | N79E814A [TSSOP28]            | (172)  |
| Nuvoton | N79E815A [SOP20]              | (119)  |
| Nuvoton | N79E815A [SOP28]              | (51)   |
| Nuvoton | N79E815A [TSSOP20]            | (1089) |
| Nuvoton | N79E815A [TSSOP28]            | (172)  |
| Nuvoton | N79E822                       |        |
| Nuvoton | N79E822 [SOP20]               | (119)  |
| Nuvoton | N79E822 [SSOP20]              | (91)   |
| Nuvoton | N79E822A                      |        |
| Nuvoton | N79E822A [SOP20]              | (119)  |
| Nuvoton | N79E822A [SSOP20]             | (91)   |
| Nuvoton | N79E823                       |        |
| Nuvoton | N79E823 [SOP20]               | (119)  |
| Nuvoton | N79E823 [SSOP20]              | (91)   |
| Nuvoton | N79E823A                      |        |
| Nuvoton | N79E823A [SOP20]              | (119)  |
| Nuvoton | N79E823A [SSOP20]             | (91)   |
| Nuvoton | N79E824                       |        |
| Nuvoton | N79E824 [SOP20]               | (119)  |
| Nuvoton | N79E824 [SSOP20]              | (91)   |
| Nuvoton | N79E824A                      |        |
| Nuvoton | N79E824A [SOP20]              | (119)  |
| Nuvoton | N79E824A [SSOP20]             | (91)   |
| Nuvoton | N79E825                       |        |
| Nuvoton | N79E825 [SOP20]               | (119)  |
| Nuvoton | N79E825 [SSOP20]              | (91)   |
| Nuvoton | N79E825A                      |        |
| Nuvoton | N79E825A [SOP20]              | (119)  |
| Nuvoton | N79E825A [SSOP20]             | (91)   |
| Nuvoton | N79E8432A [SOP16]             | (44)   |
| Nuvoton | N79E843A                      |        |
| Nuvoton | N79E843A [SOP20]              | (119)  |
| Nuvoton | N79E843A [TSSOP20]            | (1089) |
| Nuvoton | N79E844A                      |        |
| Nuvoton | N79E844A [SOP20]              | (119)  |
| Nuvoton | N79E844A [TSSOP20]            | (1089) |
| Nuvoton | N79E845A                      |        |
| Nuvoton | N79E845A [SOP20]              | (119)  |
| Nuvoton | N79E845A [TSSOP20]            | (1089) |
| Nuvoton | N79E853A                      |        |
| Nuvoton | N79E853A [SOP28]              | (51)   |
| Nuvoton | N79E853A [TSSOP28]            | (172)  |
| Nuvoton | N79E854A                      |        |
| Nuvoton | N79E854A [SOP28]              | (51)   |
| Nuvoton | N79E854A [TSSOP28]            | (172)  |
| Nuvoton | N79E855A                      |        |
| Nuvoton | N79E855A [SOP28]              | (51)   |



|         |                        |        |
|---------|------------------------|--------|
| Nuvoton | N79E855A [TSSOP28]     | (172)  |
| Nuvoton | N79E875 [LQFP48]       | (174)  |
| Nuvoton | N79E875R [LQFP48]      | (174)  |
| Nuvoton | N79M875 [LQFP48]       | (174)  |
| Nuvoton | N79M875R [LQFP48]      | (174)  |
| Nuvoton | NANO100LC2AN [LQFP48]  | (3158) |
| Nuvoton | NANO100LC2BN [LQFP48]  | (3158) |
| Nuvoton | NANO100LD2AN [LQFP48]  | (3158) |
| Nuvoton | NANO100LD2BN [LQFP48]  | (3158) |
| Nuvoton | NANO100LD3AN [LQFP48]  | (3158) |
| Nuvoton | NANO100LD3BN [LQFP48]  | (3158) |
| Nuvoton | NANO100LE3AN [LQFP48]  | (3158) |
| Nuvoton | NANO100LE3BN [LQFP48]  | (3158) |
| Nuvoton | NANO100NC2AN [QFN48]   | (3409) |
| Nuvoton | NANO100NC2BN [QFN48]   | (3409) |
| Nuvoton | NANO100ND2AN [QFN48]   | (3409) |
| Nuvoton | NANO100ND2BN [QFN48]   | (3409) |
| Nuvoton | NANO100ND3AN [QFN48]   | (3409) |
| Nuvoton | NANO100ND3BN [QFN48]   | (3409) |
| Nuvoton | NANO100NE3AN [QFN48]   | (3409) |
| Nuvoton | NANO100NE3BN [QFN48]   | (3409) |
| Nuvoton | NANO100SC2AN [LQFP64]  | (4630) |
| Nuvoton | NANO100SC2BN [LQFP64]  | (4630) |
| Nuvoton | NANO100SD2AN [LQFP64]  | (4630) |
| Nuvoton | NANO100SD2BN [LQFP64]  | (4630) |
| Nuvoton | NANO100SD3AN [LQFP64]  | (4630) |
| Nuvoton | NANO100SD3BN [LQFP64]  | (4630) |
| Nuvoton | NANO100SE3AN [LQFP64]  | (4630) |
| Nuvoton | NANO100SE3BN [LQFP64]  | (4630) |
| Nuvoton | NANO110SC2AN [LQFP64]  | (4630) |
| Nuvoton | NANO110SC2BN [LQFP64]  | (4630) |
| Nuvoton | NANO110SD2AN [LQFP64]  | (4630) |
| Nuvoton | NANO110SD2BN [LQFP64]  | (4630) |
| Nuvoton | NANO110SD3AN [LQFP64]  | (4630) |
| Nuvoton | NANO110SD3BN [LQFP64]  | (4630) |
| Nuvoton | NANO110SE3AN [LQFP64]  | (4630) |
| Nuvoton | NANO110SE3BN [LQFP64]  | (4630) |
| Nuvoton | NANO120LC2AN [LQFP48]  | (3158) |
| Nuvoton | NANO120LC2BN [LQFP48]  | (3158) |
| Nuvoton | NANO120LD2AN [LQFP48]  | (3158) |
| Nuvoton | NANO120LD2BN [LQFP48]  | (3158) |
| Nuvoton | NANO120LD3AN [LQFP48]  | (3158) |
| Nuvoton | NANO120LD3BN [LQFP48]  | (3158) |
| Nuvoton | NANO120LE3AN [LQFP48]  | (3158) |
| Nuvoton | NANO120LE3BN [LQFP48]  | (3158) |
| Nuvoton | NANO120SC2AN [LQFP64]  | (4630) |
| Nuvoton | NANO120SC2BN [LQFP64]  | (4630) |
| Nuvoton | NANO120SD2AN [LQFP64]  | (4630) |
| Nuvoton | NANO120SD2BN [LQFP64]  | (4630) |
| Nuvoton | NANO120SD3AN [LQFP64]  | (4630) |
| Nuvoton | NANO120SD3BN [LQFP64]  | (4630) |
| Nuvoton | NANO120SE3AN [LQFP64]  | (4630) |
| Nuvoton | NANO120SE3BN [LQFP64]  | (4630) |
| Nuvoton | NANO130SC2AN [LQFP64]  | (4630) |
| Nuvoton | NANO130SC2BN [LQFP64]  | (4630) |
| Nuvoton | NANO130SD2AN [LQFP64]  | (4630) |
| Nuvoton | NANO130SD2BN [LQFP64]  | (4630) |
| Nuvoton | NANO130SD3AN [LQFP64]  | (4630) |
| Nuvoton | NANO130SD3BN [LQFP64]  | (4630) |
| Nuvoton | NANO130SE3AN [LQFP64]  | (4630) |
| Nuvoton | NANO130SE3BN [LQFP64]  | (4630) |
| Nuvoton | NM1200LBA [LQFP48]     | (2696) |
| Nuvoton | NM1200TBA [QFN33]      | (2700) |
| Nuvoton | NPCE988LA0DX [LQFP128] | (4033) |
| Nuvoton | NUC029FAE [TSSOP20]    | (3311) |
| Nuvoton | NUC029TAN [QFN33]      | (3248) |
| Nuvoton | NUC100LC1AN [LQFP48]   | (2317) |
| Nuvoton | NUC100LC1BN [LQFP48]   | (2317) |
| Nuvoton | NUC100LC1CN [LQFP48]   | (2317) |
| Nuvoton | NUC100LC1DN [LQFP48]   | (2317) |
| Nuvoton | NUC100LD1AN [LQFP48]   | (2317) |
| Nuvoton | NUC100LD1BN [LQFP48]   | (2317) |
| Nuvoton | NUC100LD1CN [LQFP48]   | (2317) |
| Nuvoton | NUC100LD1DN [LQFP48]   | (2317) |
| Nuvoton | NUC100LD2AN [LQFP48]   | (2317) |
| Nuvoton | NUC100LD2BN [LQFP48]   | (2317) |
| Nuvoton | NUC100LD2CN [LQFP48]   | (2317) |
| Nuvoton | NUC100LD2DN [LQFP48]   | (2317) |
| Nuvoton | NUC100LD3AN [LQFP48]   | (2317) |
| Nuvoton | NUC100LD3BN [LQFP48]   | (2317) |
| Nuvoton | NUC100LD3CN [LQFP48]   | (2317) |
| Nuvoton | NUC100LD3DN [LQFP48]   | (2317) |
| Nuvoton | NUC100LE3AN [LQFP48]   | (2317) |
| Nuvoton | NUC100LE3BN [LQFP48]   | (2317) |
| Nuvoton | NUC100LE3CN [LQFP48]   | (2317) |
| Nuvoton | NUC100LE3DN [LQFP48]   | (2317) |
| Nuvoton | NUC100RC1AN [LQFP64]   | (2316) |
| Nuvoton | NUC100RC1BN [LQFP64]   | (2316) |
| Nuvoton | NUC100RC1CN [LQFP64]   | (2316) |
| Nuvoton | NUC100RC1DN [LQFP64]   | (2316) |
| Nuvoton | NUC100RD1AN [LQFP64]   | (2316) |
| Nuvoton | NUC100RD1BN [LQFP64]   | (2316) |
| Nuvoton | NUC100RD1CN [LQFP64]   | (2316) |
| Nuvoton | NUC100RD1DN [LQFP64]   | (2316) |
| Nuvoton | NUC100RD2AN [LQFP64]   | (2316) |
| Nuvoton | NUC100RD2BN [LQFP64]   | (2316) |
| Nuvoton | NUC100RD2CN [LQFP64]   | (2316) |
| Nuvoton | NUC100RD2DN [LQFP64]   | (2316) |
| Nuvoton | NUC100RD3AN [LQFP64]   | (2316) |
| Nuvoton | NUC100RD3BN [LQFP64]   | (2316) |
| Nuvoton | NUC100RD3CN [LQFP64]   | (2316) |
| Nuvoton | NUC100RD3DN [LQFP64]   | (2316) |
| Nuvoton | NUC100RE3AN [LQFP64]   | (2316) |
| Nuvoton | NUC100RE3BN [LQFP64]   | (2316) |
| Nuvoton | NUC100RE3CN [LQFP64]   | (2316) |
| Nuvoton | NUC100RE3DN [LQFP64]   | (2316) |
| Nuvoton | NUC100VD2AN [LQFP100]  | (2315) |
| Nuvoton | NUC100VD2BN [LQFP100]  | (2315) |
| Nuvoton | NUC100VD2CN [LQFP100]  | (2315) |
| Nuvoton | NUC100VD2DN [LQFP100]  | (2315) |
| Nuvoton | NUC100VD3AN [LQFP100]  | (2315) |
| Nuvoton | NUC100VD3BN [LQFP100]  | (2315) |
| Nuvoton | NUC100VD3CN [LQFP100]  | (2315) |
| Nuvoton | NUC100VD3DN [LQFP100]  | (2315) |
| Nuvoton | NUC100VE3AN [LQFP100]  | (2315) |
| Nuvoton | NUC100VE3BN [LQFP100]  | (2315) |
| Nuvoton | NUC100VE3CN [LQFP100]  | (2315) |
| Nuvoton | NUC100VE3DN [LQFP100]  | (2315) |
| Nuvoton | NUC101LC1AN [LQFP48]   | (2317) |
| Nuvoton | NUC101LC1BN [LQFP48]   | (2317) |
| Nuvoton | NUC101LD2AN [LQFP48]   | (2317) |
| Nuvoton | NUC101LD2BN [LQFP48]   | (2317) |
| Nuvoton | NUC101YC1AN [QFN36]    | (2314) |
| Nuvoton | NUC101YC1BN [QFN36]    | (2314) |
| Nuvoton | NUC101YD2AN [QFN36]    | (2314) |
| Nuvoton | NUC101YD2BN [QFN36]    | (2314) |
| Nuvoton | NUC102LC1AN [LQFP48]   | (2317) |
| Nuvoton | NUC102LD2AN [LQFP48]   | (2317) |

|         |              |                     |        |
|---------|--------------|---------------------|--------|
| Nuvoton | NUC102YC1AN  | [QFN36]             | (2314) |
| Nuvoton | NUC102YD2AN  | [QFN36]             | (2314) |
| Nuvoton | NUC102ZC1AN  | [QFN33]             | (2318) |
| Nuvoton | NUC102ZC2AN  | [QFN33]             | (2318) |
| Nuvoton | NUC102ZD2AN  | [QFN33]             | (2318) |
| Nuvoton | NUC120LC1AN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LC1BN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LC1CN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LC1DN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LD1AN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LD1BN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LD1CN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LD1DN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LD2AN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LD2BN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LD2CN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LD2DN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LD3AN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LD3BN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LD3CN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LD3DN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LE3AN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LE3BN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LE3CN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120LE3DN  | [LQFP48]            | (2317) |
| Nuvoton | NUC120RC1AN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RC1BN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RC1CN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RC1DN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RD1AN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RD1BN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RD1CN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RD1DN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RD2AN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RD2BN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RD2CN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RD2DN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RD3AN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RD3BN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RD3CN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RD3DN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RE3AN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RE3BN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RE3CN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120RE3DN  | [LQFP64]            | (2316) |
| Nuvoton | NUC120VD2AN  | [LQFP100]           | (2315) |
| Nuvoton | NUC120VD2BN  | [LQFP100]           | (2315) |
| Nuvoton | NUC120VD2CN  | [LQFP100]           | (2315) |
| Nuvoton | NUC120VD2DN  | [LQFP100]           | (2315) |
| Nuvoton | NUC120VD3AN  | [LQFP100]           | (2315) |
| Nuvoton | NUC120VD3BN  | [LQFP100]           | (2315) |
| Nuvoton | NUC120VD3CN  | [LQFP100]           | (2315) |
| Nuvoton | NUC120VD3DN  | [LQFP100]           | (2315) |
| Nuvoton | NUC120VE3AN  | [LQFP100]           | (2315) |
| Nuvoton | NUC120VE3BN  | [LQFP100]           | (2315) |
| Nuvoton | NUC120VE3CN  | [LQFP100]           | (2315) |
| Nuvoton | NUC120VE3DN  | [LQFP100]           | (2315) |
| Nuvoton | NUC121LC2AE  | [LQFP48]            | (3158) |
| Nuvoton | NUC121SC2AE  | [LQFP64]            | (3570) |
| Nuvoton | NUC121ZC2AE  | [QFN33]             | (2318) |
| Nuvoton | NUC122LC1AN  | [LQFP48]            | (2317) |
| Nuvoton | NUC122LC1DN  | [LQFP48]            | (2317) |
| Nuvoton | NUC122LD2AN  | [LQFP48]            | (2317) |
| Nuvoton | NUC122LD2DN  | [LQFP48]            | (2317) |
| Nuvoton | NUC122RC1AN  | [LQFP64]            | (2316) |
| Nuvoton | NUC122RC1DN  | [LQFP64]            | (2316) |
| Nuvoton | NUC122RD2AN  | [LQFP64]            | (2316) |
| Nuvoton | NUC122RD2DN  | [LQFP64]            | (2316) |
| Nuvoton | NUC122SC1AN  | [LQFP64]            | (3570) |
| Nuvoton | NUC122SC1DN  | [LQFP64]            | (3570) |
| Nuvoton | NUC122SD2AN  | [LQFP64]            | (3570) |
| Nuvoton | NUC122SD2DN  | [LQFP64]            | (3570) |
| Nuvoton | NUC122ZC1AN  | [QFN33]             | (2318) |
| Nuvoton | NUC122ZC1DN  | [QFN33]             | (2318) |
| Nuvoton | NUC122ZD2AN  | [QFN33]             | (2318) |
| Nuvoton | NUC122ZD2DN  | [QFN33]             | (2318) |
| Nuvoton | NUC123LC2AE1 | [LQFP48] (DFVSEN=0) | (2317) |
| Nuvoton | NUC123LC2AE1 | [LQFP48] (DFVSEN=1) | (2317) |
| Nuvoton | NUC123LC2AN1 | [LQFP48] (DFVSEN=0) | (2317) |
| Nuvoton | NUC123LC2AN1 | [LQFP48] (DFVSEN=1) | (2317) |
| Nuvoton | NUC123LD4AE0 | [LQFP48] (DFVSEN=0) | (2317) |
| Nuvoton | NUC123LD4AE0 | [LQFP48] (DFVSEN=1) | (2317) |
| Nuvoton | NUC123LD4AN0 | [LQFP48] (DFVSEN=0) | (2317) |
| Nuvoton | NUC123LD4AN0 | [LQFP48] (DFVSEN=1) | (2317) |
| Nuvoton | NUC123SC2AE1 | [LQFP64] (DFVSEN=0) | (3570) |
| Nuvoton | NUC123SC2AE1 | [LQFP64] (DFVSEN=1) | (3570) |
| Nuvoton | NUC123SC2AN1 | [LQFP64] (DFVSEN=0) | (3570) |
| Nuvoton | NUC123SC2AN1 | [LQFP64] (DFVSEN=1) | (3570) |
| Nuvoton | NUC123SD4AE0 | [LQFP64] (DFVSEN=0) | (3570) |
| Nuvoton | NUC123SD4AE0 | [LQFP64] (DFVSEN=1) | (3570) |
| Nuvoton | NUC123SD4AN0 | [LQFP64] (DFVSEN=0) | (3570) |
| Nuvoton | NUC123SD4AN0 | [LQFP64] (DFVSEN=1) | (3570) |
| Nuvoton | NUC123ZC2AE1 | [QFN33] (DFVSEN=0)  | (2318) |
| Nuvoton | NUC123ZC2AE1 | [QFN33] (DFVSEN=1)  | (2318) |
| Nuvoton | NUC123ZC2AN1 | [QFN33] (DFVSEN=0)  | (2318) |
| Nuvoton | NUC123ZC2AN1 | [QFN33] (DFVSEN=1)  | (2318) |
| Nuvoton | NUC123ZD4AE0 | [QFN33] (DFVSEN=0)  | (2318) |
| Nuvoton | NUC123ZD4AE0 | [QFN33] (DFVSEN=1)  | (2318) |
| Nuvoton | NUC123ZD4AN0 | [QFN33] (DFVSEN=0)  | (2318) |
| Nuvoton | NUC123ZD4AN0 | [QFN33] (DFVSEN=1)  | (2318) |
| Nuvoton | NUC125ZC2AE  | [QFN33]             | (2318) |
| Nuvoton | NUC130LC1AN  | [LQFP48]            | (2317) |
| Nuvoton | NUC130LC1BN  | [LQFP48]            | (2317) |
| Nuvoton | NUC130LC1CN  | [LQFP48]            | (2317) |
| Nuvoton | NUC130LD2AN  | [LQFP48]            | (2317) |
| Nuvoton | NUC130LD2BN  | [LQFP48]            | (2317) |
| Nuvoton | NUC130LD2CN  | [LQFP48]            | (2317) |
| Nuvoton | NUC130LD3AN  | [LQFP48]            | (2317) |
| Nuvoton | NUC130LD3BN  | [LQFP48]            | (2317) |
| Nuvoton | NUC130LD3CN  | [LQFP48]            | (2317) |
| Nuvoton | NUC130LE3AN  | [LQFP48]            | (2317) |
| Nuvoton | NUC130LE3BN  | [LQFP48]            | (2317) |
| Nuvoton | NUC130LE3CN  | [LQFP48]            | (2317) |
| Nuvoton | NUC130RC1AN  | [LQFP64]            | (2316) |
| Nuvoton | NUC130RC1BN  | [LQFP64]            | (2316) |
| Nuvoton | NUC130RC1CN  | [LQFP64]            | (2316) |
| Nuvoton | NUC130RD2AN  | [LQFP64]            | (2316) |
| Nuvoton | NUC130RD2BN  | [LQFP64]            | (2316) |
| Nuvoton | NUC130RD2CN  | [LQFP64]            | (2316) |
| Nuvoton | NUC130RD3AN  | [LQFP64]            | (2316) |
| Nuvoton | NUC130RD3BN  | [LQFP64]            | (2316) |
| Nuvoton | NUC130RD3CN  | [LQFP64]            | (2316) |
| Nuvoton | NUC130RE3AN  | [LQFP64]            | (2316) |
| Nuvoton | NUC130RE3BN  | [LQFP64]            | (2316) |
| Nuvoton | NUC130RE3CN  | [LQFP64]            | (2316) |
| Nuvoton | NUC130VD2AN  | [LQFP100]           | (2315) |
| Nuvoton | NUC130VD2BN  | [LQFP100]           | (2315) |
| Nuvoton | NUC130VD2CN  | [LQFP100]           | (2315) |

|         |                   |                     |        |
|---------|-------------------|---------------------|--------|
| Nuvoton | NUC130VD3AN       | [LQFP100]           | (2315) |
| Nuvoton | NUC130VD3BN       | [LQFP100]           | (2315) |
| Nuvoton | NUC130VD3CN       | [LQFP100]           | (2315) |
| Nuvoton | NUC130VE3AN       | [LQFP100]           | (2315) |
| Nuvoton | NUC130VE3BN       | [LQFP100]           | (2315) |
| Nuvoton | NUC130VE3CN       | [LQFP100]           | (2315) |
| Nuvoton | NUC131LC2AE       | [LQFP48] (DFVSEN=0) | (3158) |
| Nuvoton | NUC131LC2AE       | [LQFP48] (DFVSEN=1) | (3158) |
| Nuvoton | NUC131LD2AE       | [LQFP48] (DFVSEN=0) | (3158) |
| Nuvoton | NUC131LD2AE       | [LQFP48] (DFVSEN=1) | (3158) |
| Nuvoton | NUC131SC2AE       | [LQFP64] (DFVSEN=0) | (4630) |
| Nuvoton | NUC131SC2AE       | [LQFP64] (DFVSEN=1) | (4630) |
| Nuvoton | NUC131SD2AE       | [LQFP64] (DFVSEN=0) | (4630) |
| Nuvoton | NUC131SD2AE       | [LQFP64] (DFVSEN=1) | (4630) |
| Nuvoton | NUC140LC1AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC140LC1BN       | [LQFP48]            | (2317) |
| Nuvoton | NUC140LC1CN       | [LQFP48]            | (2317) |
| Nuvoton | NUC140LD2AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC140LD2BN       | [LQFP48]            | (2317) |
| Nuvoton | NUC140LD2CN       | [LQFP48]            | (2317) |
| Nuvoton | NUC140LD3AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC140LD3BN       | [LQFP48]            | (2317) |
| Nuvoton | NUC140LD3CN       | [LQFP48]            | (2317) |
| Nuvoton | NUC140LE3AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC140LE3BN       | [LQFP48]            | (2317) |
| Nuvoton | NUC140LE3CN       | [LQFP48]            | (2317) |
| Nuvoton | NUC140RC1AN       | [LQFP64]            | (2316) |
| Nuvoton | NUC140RC1BN       | [LQFP64]            | (2316) |
| Nuvoton | NUC140RC1CN       | [LQFP64]            | (2316) |
| Nuvoton | NUC140RD2AN       | [LQFP64]            | (2316) |
| Nuvoton | NUC140RD2BN       | [LQFP64]            | (2316) |
| Nuvoton | NUC140RD2CN       | [LQFP64]            | (2316) |
| Nuvoton | NUC140RD3AN       | [LQFP64]            | (2316) |
| Nuvoton | NUC140RD3BN       | [LQFP64]            | (2316) |
| Nuvoton | NUC140RD3CN       | [LQFP64]            | (2316) |
| Nuvoton | NUC140RE3AN       | [LQFP64]            | (2316) |
| Nuvoton | NUC140RE3BN       | [LQFP64]            | (2316) |
| Nuvoton | NUC140RE3CN       | [LQFP64]            | (2316) |
| Nuvoton | NUC140VD2AN       | [LQFP100]           | (2315) |
| Nuvoton | NUC140VD2BN       | [LQFP100]           | (2315) |
| Nuvoton | NUC140VD2CN       | [LQFP100]           | (2315) |
| Nuvoton | NUC140VD3AN       | [LQFP100]           | (2315) |
| Nuvoton | NUC140VD3BN       | [LQFP100]           | (2315) |
| Nuvoton | NUC140VD3CN       | [LQFP100]           | (2315) |
| Nuvoton | NUC140VE3AN       | [LQFP100]           | (2315) |
| Nuvoton | NUC140VE3BN       | [LQFP100]           | (2315) |
| Nuvoton | NUC140VE3CN       | [LQFP100]           | (2315) |
| Nuvoton | NUC200LC2AE       | [LQFP48]            | (2317) |
| Nuvoton | NUC200LC2AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC200LD2AE       | [LQFP48]            | (2317) |
| Nuvoton | NUC200LD2AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC200LE3AE       | [LQFP48]            | (2317) |
| Nuvoton | NUC200LE3AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC200SC2AE       | [LQFP64]            | (4630) |
| Nuvoton | NUC200SC2AN       | [LQFP64]            | (4630) |
| Nuvoton | NUC200SD2AE       | [LQFP64]            | (4630) |
| Nuvoton | NUC200SD2AN       | [LQFP64]            | (4630) |
| Nuvoton | NUC200SE3AE       | [LQFP64]            | (4630) |
| Nuvoton | NUC200SE3AN       | [LQFP64]            | (4630) |
| Nuvoton | NUC200VE3AE       | [LQFP100]           | (4661) |
| Nuvoton | NUC200VE3AN       | [LQFP100]           | (4661) |
| Nuvoton | NUC220LC2AE       | [LQFP48]            | (2317) |
| Nuvoton | NUC220LC2AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC220LD2AE       | [LQFP48]            | (2317) |
| Nuvoton | NUC220LD2AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC220LE3AE       | [LQFP48]            | (2317) |
| Nuvoton | NUC220LE3AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC220SC2AE       | [LQFP64]            | (4630) |
| Nuvoton | NUC220SC2AN       | [LQFP64]            | (4630) |
| Nuvoton | NUC220SD2AE       | [LQFP64]            | (4630) |
| Nuvoton | NUC220SD2AN       | [LQFP64]            | (4630) |
| Nuvoton | NUC220SE3AE       | [LQFP64]            | (4630) |
| Nuvoton | NUC220SE3AN       | [LQFP64]            | (4630) |
| Nuvoton | NUC220VE3AE       | [LQFP100]           | (4661) |
| Nuvoton | NUC220VE3AN       | [LQFP100]           | (4661) |
| Nuvoton | NUC230LC2AE       | [LQFP48]            | (2317) |
| Nuvoton | NUC230LC2AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC230LD2AE       | [LQFP48]            | (2317) |
| Nuvoton | NUC230LD2AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC230LE3AE       | [LQFP48]            | (2317) |
| Nuvoton | NUC230LE3AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC230SC2AE       | [LQFP64]            | (4630) |
| Nuvoton | NUC230SC2AN       | [LQFP64]            | (4630) |
| Nuvoton | NUC230SD2AE       | [LQFP64]            | (4630) |
| Nuvoton | NUC230SD2AN       | [LQFP64]            | (4630) |
| Nuvoton | NUC230SE3AE       | [LQFP64]            | (4630) |
| Nuvoton | NUC230SE3AN       | [LQFP64]            | (4630) |
| Nuvoton | NUC230VE3AE       | [LQFP100]           | (4661) |
| Nuvoton | NUC230VE3AN       | [LQFP100]           | (4661) |
| Nuvoton | NUC240LC2AE       | [LQFP48]            | (2317) |
| Nuvoton | NUC240LC2AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC240LD2AE       | [LQFP48]            | (2317) |
| Nuvoton | NUC240LD2AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC240LE3AE       | [LQFP48]            | (2317) |
| Nuvoton | NUC240LE3AN       | [LQFP48]            | (2317) |
| Nuvoton | NUC240SC2AE       | [LQFP64]            | (4630) |
| Nuvoton | NUC240SC2AN       | [LQFP64]            | (4630) |
| Nuvoton | NUC240SD2AE       | [LQFP64]            | (4630) |
| Nuvoton | NUC240SD2AN       | [LQFP64]            | (4630) |
| Nuvoton | NUC240SE3AE       | [LQFP64]            | (4630) |
| Nuvoton | NUC240SE3AN       | [LQFP64]            | (4630) |
| Nuvoton | NUC240VE3AE       | [LQFP100]           | (4661) |
| Nuvoton | NUC240VE3AN       | [LQFP100]           | (4661) |
| Nuvoton | W55F01            |                     |        |
| Nuvoton | W55F05B           |                     |        |
| Nuvoton | W55F10A           |                     |        |
| Nuvoton | W55F10B           |                     |        |
| Nuvoton | W55F20            |                     |        |
| Nuvoton | W77E058A          |                     |        |
| Nuvoton | W77E058A [PLCC44] |                     | (67)   |
| Nuvoton | W77E058A [QFP44]  |                     | (108)  |
| Nuvoton | W77E516           |                     |        |
| Nuvoton | W77E516 [PLCC44]  |                     | (67)   |
| Nuvoton | W77E516 [QFP44]   |                     | (108)  |
| Nuvoton | W77E516A          |                     |        |
| Nuvoton | W77E516A [PLCC44] |                     | (67)   |
| Nuvoton | W77E516A [QFP44]  |                     | (108)  |
| Nuvoton | W77E532           |                     |        |
| Nuvoton | W77E532 [PLCC44]  |                     | (67)   |
| Nuvoton | W77E532 [QFP44]   |                     | (108)  |
| Nuvoton | W77E532A          |                     |        |
| Nuvoton | W77E532A [PLCC44] |                     | (67)   |
| Nuvoton | W77E532A [QFP44]  |                     | (108)  |
| Nuvoton | W77E58            |                     |        |
| Nuvoton | W77E58 [PLCC44]   |                     | (67)   |
| Nuvoton | W77E58 [QFP44]    |                     | (108)  |
| Nuvoton | W77I058A          |                     |        |
| Nuvoton | W77I058A [PLCC44] |                     | (67)   |

|         |          |          |       |
|---------|----------|----------|-------|
| Nuvoton | w77IE58  |          |       |
| Nuvoton | w77IE58  | [PLCC44] | (67)  |
| Nuvoton | w77L058A |          |       |
| Nuvoton | w77L058A | [PLCC44] | (67)  |
| Nuvoton | w77L058A | [QFP44]  | (108) |
| Nuvoton | w77L516A |          |       |
| Nuvoton | w77L516A | [PLCC44] | (67)  |
| Nuvoton | w77L516A | [QFP44]  | (108) |
| Nuvoton | w77L532A |          |       |
| Nuvoton | w77L532A | [PLCC44] | (67)  |
| Nuvoton | w77L532A | [QFP44]  | (108) |
| Nuvoton | w77LE516 |          |       |
| Nuvoton | w77LE516 | [PLCC44] | (67)  |
| Nuvoton | w77LE516 | [QFP44]  | (108) |
| Nuvoton | w77LE532 |          |       |
| Nuvoton | w77LE532 | [PLCC44] | (67)  |
| Nuvoton | w77LE532 | [QFP44]  | (108) |
| Nuvoton | w77LE58  |          |       |
| Nuvoton | w77LE58  | [PLCC44] | (67)  |
| Nuvoton | w77LE58  | [QFP44]  | (108) |
| Nuvoton | w78E051A |          |       |
| Nuvoton | w78E051A | [PLCC44] | (67)  |
| Nuvoton | w78E051A | [QFP44]  | (108) |
| Nuvoton | w78E051A | [TQFP44] | (94)  |
| Nuvoton | w78E051B |          |       |
| Nuvoton | w78E051B | [PLCC44] | (67)  |
| Nuvoton | w78E051B | [PQFP44] | (108) |
| Nuvoton | w78E051B | [TQFP44] | (94)  |
| Nuvoton | w78E051C |          |       |
| Nuvoton | w78E051C | [PLCC44] | (67)  |
| Nuvoton | w78E051C | [PQFP44] | (108) |
| Nuvoton | w78E051D |          |       |
| Nuvoton | w78E051D | [LQFP48] | (174) |
| Nuvoton | w78E051D | [PLCC44] | (67)  |
| Nuvoton | w78E051D | [PQFP44] | (108) |
| Nuvoton | w78E052A |          |       |
| Nuvoton | w78E052A | [PLCC44] | (67)  |
| Nuvoton | w78E052A | [QFP44]  | (108) |
| Nuvoton | w78E052A | [TQFP44] | (94)  |
| Nuvoton | w78E052B |          |       |
| Nuvoton | w78E052B | [PLCC44] | (67)  |
| Nuvoton | w78E052B | [PQFP44] | (108) |
| Nuvoton | w78E052C |          |       |
| Nuvoton | w78E052C | [PLCC44] | (67)  |
| Nuvoton | w78E052C | [PQFP44] | (108) |
| Nuvoton | w78E052D |          |       |
| Nuvoton | w78E052D | [LQFP48] | (174) |
| Nuvoton | w78E052D | [PLCC44] | (67)  |
| Nuvoton | w78E052D | [PQFP44] | (108) |
| Nuvoton | w78E054A |          |       |
| Nuvoton | w78E054A | [PLCC44] | (67)  |
| Nuvoton | w78E054A | [QFP44]  | (108) |
| Nuvoton | w78E054A | [TQFP44] | (94)  |
| Nuvoton | w78E054B |          |       |
| Nuvoton | w78E054B | [PLCC44] | (67)  |
| Nuvoton | w78E054B | [PQFP44] | (108) |
| Nuvoton | w78E054C |          |       |
| Nuvoton | w78E054C | [PLCC44] | (67)  |
| Nuvoton | w78E054C | [PQFP44] | (108) |
| Nuvoton | w78E054D |          |       |
| Nuvoton | w78E054D | [LQFP48] | (174) |
| Nuvoton | w78E054D | [PLCC44] | (67)  |
| Nuvoton | w78E054D | [PQFP44] | (108) |
| Nuvoton | w78E058A |          |       |
| Nuvoton | w78E058A | [PLCC44] | (67)  |
| Nuvoton | w78E058A | [QFP44]  | (108) |
| Nuvoton | w78E058A | [TQFP44] | (94)  |
| Nuvoton | w78E058B |          |       |
| Nuvoton | w78E058B | [PLCC44] | (67)  |
| Nuvoton | w78E058B | [PQFP44] | (108) |
| Nuvoton | w78E058D |          |       |
| Nuvoton | w78E058D | [LQFP48] | (174) |
| Nuvoton | w78E058D | [PLCC44] | (67)  |
| Nuvoton | w78E058D | [PQFP44] | (108) |
| Nuvoton | w78E065A |          |       |
| Nuvoton | w78E065A | [PLCC44] | (67)  |
| Nuvoton | w78E065A | [PQFP44] | (108) |
| Nuvoton | w78E365  |          |       |
| Nuvoton | w78E365  | [LQFP48] | (174) |
| Nuvoton | w78E365  | [PLCC44] | (67)  |
| Nuvoton | w78E365  | [PQFP44] | (108) |
| Nuvoton | w78E365A |          |       |
| Nuvoton | w78E365A | [LQFP48] | (174) |
| Nuvoton | w78E365A | [PLCC44] | (67)  |
| Nuvoton | w78E365A | [PQFP44] | (108) |
| Nuvoton | w78E378  |          |       |
| Nuvoton | w78E378  | [PLCC44] | (67)  |
| Nuvoton | w78E378E |          |       |
| Nuvoton | w78E51   |          |       |
| Nuvoton | w78E51   | [PLCC44] | (67)  |
| Nuvoton | w78E51   | [QFP44]  | (108) |
| Nuvoton | w78E51   | [TQFP44] | (94)  |
| Nuvoton | w78E516B |          |       |
| Nuvoton | w78E516B | [PLCC44] | (67)  |
| Nuvoton | w78E516B | [PQFP44] | (108) |
| Nuvoton | w78E516D |          |       |
| Nuvoton | w78E516D | [LQFP48] | (174) |
| Nuvoton | w78E516D | [PLCC44] | (67)  |
| Nuvoton | w78E516D | [PQFP44] | (108) |
| Nuvoton | w78E51B  |          |       |
| Nuvoton | w78E51B  | [PLCC44] | (67)  |
| Nuvoton | w78E51B  | [PQFP44] | (108) |
| Nuvoton | w78E51B  | [TQFP44] | (94)  |
| Nuvoton | w78E51C  |          |       |
| Nuvoton | w78E51C  | [PLCC44] | (67)  |
| Nuvoton | w78E51C  | [PQFP44] | (108) |
| Nuvoton | w78E52   |          |       |
| Nuvoton | w78E52   | [PLCC44] | (67)  |
| Nuvoton | w78E52   | [QFP44]  | (108) |
| Nuvoton | w78E52   | [TQFP44] | (94)  |
| Nuvoton | w78E52B  |          |       |
| Nuvoton | w78E52B  | [PLCC44] | (67)  |
| Nuvoton | w78E52B  | [PQFP44] | (108) |
| Nuvoton | w78E52C  |          |       |
| Nuvoton | w78E52C  | [PLCC44] | (67)  |
| Nuvoton | w78E52C  | [PQFP44] | (108) |
| Nuvoton | w78E54   |          |       |
| Nuvoton | w78E54   | [PLCC44] | (67)  |
| Nuvoton | w78E54   | [QFP44]  | (108) |
| Nuvoton | w78E54   | [TQFP44] | (94)  |
| Nuvoton | w78E54B  |          |       |
| Nuvoton | w78E54B  | [PLCC44] | (67)  |
| Nuvoton | w78E54B  | [PQFP44] | (108) |
| Nuvoton | w78E54C  |          |       |
| Nuvoton | w78E54C  | [PLCC44] | (67)  |
| Nuvoton | w78E54C  | [PQFP44] | (108) |
| Nuvoton | w78E58   |          |       |
| Nuvoton | w78E58   | [PLCC44] | (67)  |

|         |                    |       |
|---------|--------------------|-------|
| Nuvoton | w78E58 [QFP44]     | (108) |
| Nuvoton | w78E58 [TQFP44]    | (94)  |
| Nuvoton | w78E58B            |       |
| Nuvoton | w78E58B [PLCC44]   | (67)  |
| Nuvoton | w78E58B [PQFP44]   | (108) |
| Nuvoton | w78E62 [PLCC44]    | (67)  |
| Nuvoton | w78E62B [LQFP48]   | (174) |
| Nuvoton | w78E62B [PLCC44]   | (67)  |
| Nuvoton | w78E65             |       |
| Nuvoton | w78E65 [PLCC44]    | (67)  |
| Nuvoton | w78E65 [PQFP44]    | (108) |
| Nuvoton | w78E858            |       |
| Nuvoton | w78E858 [PLCC44]   | (67)  |
| Nuvoton | w78E858 [PQFP44]   | (108) |
| Nuvoton | w78E858A           |       |
| Nuvoton | w78E858A [PLCC44]  | (67)  |
| Nuvoton | w78E858A [PQFP44]  | (108) |
| Nuvoton | w78ERD2            |       |
| Nuvoton | w78ERD2 [PLCC44]   | (67)  |
| Nuvoton | w78ERD2 [PQFP44]   | (108) |
| Nuvoton | w78ERD2A           |       |
| Nuvoton | w78ERD2A [PLCC44]  | (67)  |
| Nuvoton | w78ERD2A [PQFP44]  | (108) |
| Nuvoton | w78I051D           |       |
| Nuvoton | w78I051D [LQFP48]  | (174) |
| Nuvoton | w78I051D [PLCC44]  | (67)  |
| Nuvoton | w78I051D [PQFP44]  | (108) |
| Nuvoton | w78I052D           |       |
| Nuvoton | w78I052D [LQFP48]  | (174) |
| Nuvoton | w78I052D [PLCC44]  | (67)  |
| Nuvoton | w78I052D [PQFP44]  | (108) |
| Nuvoton | w78I054D           |       |
| Nuvoton | w78I054D [LQFP48]  | (174) |
| Nuvoton | w78I054D [PLCC44]  | (67)  |
| Nuvoton | w78I054D [PQFP44]  | (108) |
| Nuvoton | w78I058D           |       |
| Nuvoton | w78I058D [LQFP48]  | (174) |
| Nuvoton | w78I058D [PLCC44]  | (67)  |
| Nuvoton | w78I058D [PQFP44]  | (108) |
| Nuvoton | w78I516D           |       |
| Nuvoton | w78I516D [LQFP48]  | (174) |
| Nuvoton | w78I516D [PLCC44]  | (67)  |
| Nuvoton | w78I516D [PQFP44]  | (108) |
| Nuvoton | w78IE52            |       |
| Nuvoton | w78IE52 [PLCC44]   | (67)  |
| Nuvoton | w78IE54            |       |
| Nuvoton | w78IE54 [PLCC44]   | (67)  |
| Nuvoton | w78IE58            |       |
| Nuvoton | w78IE58 [PLCC44]   | (67)  |
| Nuvoton | w78IRD2            |       |
| Nuvoton | w78IRD2 [PLCC44]   | (67)  |
| Nuvoton | w78IRD2 [PQFP44]   | (108) |
| Nuvoton | w78IRD2A           |       |
| Nuvoton | w78IRD2A [PLCC44]  | (67)  |
| Nuvoton | w78IRD2A [PQFP44]  | (108) |
| Nuvoton | w78L051A           |       |
| Nuvoton | w78L051A [PLCC44]  | (67)  |
| Nuvoton | w78L051A [QFP44]   | (108) |
| Nuvoton | w78L051A [TQFP44]  | (94)  |
| Nuvoton | w78L051C           |       |
| Nuvoton | w78L051C [PLCC44]  | (67)  |
| Nuvoton | w78L051C [PQFP44]  | (108) |
| Nuvoton | w78L052A           |       |
| Nuvoton | w78L052A [PLCC44]  | (67)  |
| Nuvoton | w78L052A [PQFP44]  | (108) |
| Nuvoton | w78L052C           |       |
| Nuvoton | w78L052C [PLCC44]  | (67)  |
| Nuvoton | w78L052C [PQFP44]  | (108) |
| Nuvoton | w78L054A           |       |
| Nuvoton | w78L054A [PLCC44]  | (67)  |
| Nuvoton | w78L054A [PQFP44]  | (108) |
| Nuvoton | w78L054A [TQFP44]  | (94)  |
| Nuvoton | w78L054C           |       |
| Nuvoton | w78L054C [PLCC44]  | (67)  |
| Nuvoton | w78L054C [PQFP44]  | (108) |
| Nuvoton | w78L058A           |       |
| Nuvoton | w78L058A [PLCC44]  | (67)  |
| Nuvoton | w78L058A [PQFP44]  | (108) |
| Nuvoton | w78L365A           |       |
| Nuvoton | w78L365A [LQFP48]  | (174) |
| Nuvoton | w78L365A [PLCC44]  | (67)  |
| Nuvoton | w78L365A [PQFP44]  | (108) |
| Nuvoton | w78L516A           |       |
| Nuvoton | w78L516A [LQFP48]  | (174) |
| Nuvoton | w78L516A [PLCC44]  | (67)  |
| Nuvoton | w78L516A [QFP44]   | (108) |
| Nuvoton | w78L812A           |       |
| Nuvoton | w78L812A [LQFP48]  | (174) |
| Nuvoton | w78L812A [PLCC44]  | (67)  |
| Nuvoton | w78L812A [PQFP44]  | (108) |
| Nuvoton | w78LE051A          |       |
| Nuvoton | w78LE051A [PLCC44] | (67)  |
| Nuvoton | w78LE051A [PQFP44] | (108) |
| Nuvoton | w78LE365           |       |
| Nuvoton | w78LE365 [LQFP48]  | (174) |
| Nuvoton | w78LE365 [PLCC44]  | (67)  |
| Nuvoton | w78LE365 [PQFP44]  | (108) |
| Nuvoton | w78LE51            |       |
| Nuvoton | w78LE51 [PLCC44]   | (67)  |
| Nuvoton | w78LE51 [PQFP44]   | (108) |
| Nuvoton | w78LE516           |       |
| Nuvoton | w78LE516 [LQFP48]  | (174) |
| Nuvoton | w78LE516 [PLCC44]  | (67)  |
| Nuvoton | w78LE516 [QFP44]   | (108) |
| Nuvoton | w78LE51C           |       |
| Nuvoton | w78LE51C [PLCC44]  | (67)  |
| Nuvoton | w78LE51C [PQFP44]  | (108) |
| Nuvoton | w78LE52            |       |
| Nuvoton | w78LE52 [PLCC44]   | (67)  |
| Nuvoton | w78LE52 [PQFP44]   | (108) |
| Nuvoton | w78LE52C           |       |
| Nuvoton | w78LE52C [PLCC44]  | (67)  |
| Nuvoton | w78LE52C [PQFP44]  | (108) |
| Nuvoton | w78LE54            |       |
| Nuvoton | w78LE54 [PLCC44]   | (67)  |
| Nuvoton | w78LE54 [PQFP44]   | (108) |
| Nuvoton | w78LE54 [TQFP44]   | (94)  |
| Nuvoton | w78LE54C           |       |
| Nuvoton | w78LE54C [PLCC44]  | (67)  |
| Nuvoton | w78LE54C [PQFP44]  | (108) |
| Nuvoton | w78LE58            |       |
| Nuvoton | w78LE58 [PLCC44]   | (67)  |
| Nuvoton | w78LE58 [PQFP44]   | (108) |
| Nuvoton | w78LE812           |       |
| Nuvoton | w78LE812 [LQFP48]  | (174) |
| Nuvoton | w78LE812 [PLCC44]  | (67)  |
| Nuvoton | w78LE812 [PQFP44]  | (108) |
| Nuvoton | w79A9311A [DIP20]  |       |

|         |                    |        |
|---------|--------------------|--------|
| Nuvoton | w79A9311A [SOP20]  | (119)  |
| Nuvoton | w79A9311A [SOP22]  | (1062) |
| Nuvoton | w79E201 [LQFP48]   | (174)  |
| Nuvoton | w79E201 [PLCC44]   | (67)   |
| Nuvoton | w79E201 [QFP44]    | (108)  |
| Nuvoton | w79E201A [LQFP48]  | (174)  |
| Nuvoton | w79E201A [PLCC44]  | (67)   |
| Nuvoton | w79E201A [QFP44]   | (108)  |
| Nuvoton | w79E2051A [DIP20]  |        |
| Nuvoton | w79E2051A [SOP20]  | (119)  |
| Nuvoton | w79E2051RA [DIP20] |        |
| Nuvoton | w79E2051RA [SOP20] | (119)  |
| Nuvoton | w79E216 [PQFP100]  | (1053) |
| Nuvoton | w79E216A [PQFP100] | (1053) |
| Nuvoton | w79E217 [PQFP100]  | (1053) |
| Nuvoton | w79E217A [PQFP100] | (1053) |
| Nuvoton | w79E218 [PQFP100]  | (1053) |
| Nuvoton | w79E218A [PQFP100] | (1053) |
| Nuvoton | w79E21J [PQFP100]  | (1053) |
| Nuvoton | w79E21JA [PQFP100] | (1053) |
| Nuvoton | w79E225 [LQFP48]   | (174)  |
| Nuvoton | w79E225 [PLCC44]   | (67)   |
| Nuvoton | w79E225A [LQFP48]  | (174)  |
| Nuvoton | w79E225A [PLCC44]  | (67)   |
| Nuvoton | w79E226 [LQFP48]   | (174)  |
| Nuvoton | w79E226 [PLCC44]   | (67)   |
| Nuvoton | w79E226A [LQFP48]  | (174)  |
| Nuvoton | w79E226A [PLCC44]  | (67)   |
| Nuvoton | w79E227 [LQFP48]   | (174)  |
| Nuvoton | w79E227 [PLCC44]   | (67)   |
| Nuvoton | w79E227A [LQFP48]  | (174)  |
| Nuvoton | w79E227A [PLCC44]  | (67)   |
| Nuvoton | w79E342 [DIP16]    |        |
| Nuvoton | w79E342 [SOP16]    | (1060) |
| Nuvoton | w79E4051A [DIP20]  |        |
| Nuvoton | w79E4051A [SOP20]  | (119)  |
| Nuvoton | w79E4051RA [DIP20] |        |
| Nuvoton | w79E4051RA [SOP20] | (119)  |
| Nuvoton | w79E532            |        |
| Nuvoton | w79E532 [PLCC44]   | (67)   |
| Nuvoton | w79E532 [QFP44]    | (108)  |
| Nuvoton | w79E532A           |        |
| Nuvoton | w79E532A [PLCC44]  | (67)   |
| Nuvoton | w79E532A [QFP44]   | (108)  |
| Nuvoton | w79E533A [PLCC44]  | (67)   |
| Nuvoton | w79E548 [PLCC68]   | (562)  |
| Nuvoton | w79E548A [PLCC68]  | (562)  |
| Nuvoton | w79E549 [PLCC68]   | (562)  |
| Nuvoton | w79E549A [PLCC68]  | (562)  |
| Nuvoton | w79E558A [QFP100]  | (917)  |
| Nuvoton | w79E559A [QFP100]  | (917)  |
| Nuvoton | w79E632            |        |
| Nuvoton | w79E632 [PLCC44]   | (67)   |
| Nuvoton | w79E632 [QFP44]    | (108)  |
| Nuvoton | w79E632A           |        |
| Nuvoton | w79E632A [PLCC44]  | (67)   |
| Nuvoton | w79E632A [QFP44]   | (108)  |
| Nuvoton | w79E633A [PLCC44]  | (67)   |
| Nuvoton | w79E648 [PLCC68]   | (562)  |
| Nuvoton | w79E648A [PLCC68]  | (562)  |
| Nuvoton | w79E649 [PLCC68]   | (562)  |
| Nuvoton | w79E649A [PLCC68]  | (562)  |
| Nuvoton | w79E658A [QFP100]  | (917)  |
| Nuvoton | w79E659A [QFP100]  | (917)  |
| Nuvoton | w79E801            |        |
| Nuvoton | w79E801 [SOP20]    | (119)  |
| Nuvoton | w79E801A           |        |
| Nuvoton | w79E801A [SOP20]   | (119)  |
| Nuvoton | w79E802            |        |
| Nuvoton | w79E802 [SOP20]    | (119)  |
| Nuvoton | w79E802A           |        |
| Nuvoton | w79E802A [SOP20]   | (119)  |
| Nuvoton | w79E803            |        |
| Nuvoton | w79E803 [SOP20]    | (119)  |
| Nuvoton | w79E803A           |        |
| Nuvoton | w79E803A [SOP20]   | (119)  |
| Nuvoton | w79E804            |        |
| Nuvoton | w79E804 [SOP20]    | (119)  |
| Nuvoton | w79E804A           |        |
| Nuvoton | w79E804A [SOP20]   | (119)  |
| Nuvoton | w79E821            |        |
| Nuvoton | w79E821 [SOP20]    | (119)  |
| Nuvoton | w79E8213 [DIP20]   |        |
| Nuvoton | w79E8213 [SOP20]   | (119)  |
| Nuvoton | w79E8213A [DIP20]  |        |
| Nuvoton | w79E8213A [SOP20]  | (119)  |
| Nuvoton | w79E8213R [DIP20]  |        |
| Nuvoton | w79E8213R [SOP20]  | (119)  |
| Nuvoton | w79E8213RA [DIP20] |        |
| Nuvoton | w79E8213RA [SOP20] | (119)  |
| Nuvoton | w79E821A           |        |
| Nuvoton | w79E821A [SOP20]   | (119)  |
| Nuvoton | w79E822            |        |
| Nuvoton | w79E822 [SOP20]    | (119)  |
| Nuvoton | w79E822A           |        |
| Nuvoton | w79E822A [SOP20]   | (119)  |
| Nuvoton | w79E822B           |        |
| Nuvoton | w79E822B [SOP20]   | (119)  |
| Nuvoton | w79E823            |        |
| Nuvoton | w79E823 [SOP20]    | (119)  |
| Nuvoton | w79E823A           |        |
| Nuvoton | w79E823A [SOP20]   | (119)  |
| Nuvoton | w79E823B           |        |
| Nuvoton | w79E823B [SOP20]   | (119)  |
| Nuvoton | w79E824            |        |
| Nuvoton | w79E824 [SOP20]    | (119)  |
| Nuvoton | w79E824A           |        |
| Nuvoton | w79E824A [SOP20]   | (119)  |
| Nuvoton | w79E825            |        |
| Nuvoton | w79E825 [SOP20]    | (119)  |
| Nuvoton | w79E825A           |        |
| Nuvoton | w79E825A [SOP20]   | (119)  |
| Nuvoton | w79E82J [SOP24]    | (1062) |
| Nuvoton | w79E82JA [SOP24]   | (1062) |
| Nuvoton | w79E831A           |        |
| Nuvoton | w79E831A [SOP20]   | (119)  |
| Nuvoton | w79E832            |        |
| Nuvoton | w79E832 [SOP20]    | (119)  |
| Nuvoton | w79E832 [SOP28]    | (51)   |
| Nuvoton | w79E832A           |        |
| Nuvoton | w79E832A [SOP20]   | (119)  |
| Nuvoton | w79E832A [SOP28]   | (51)   |
| Nuvoton | w79E833            |        |
| Nuvoton | w79E833 [SOP20]    | (119)  |
| Nuvoton | w79E833 [SOP28]    | (51)   |
| Nuvoton | w79E833A           |        |
| Nuvoton | w79E833A [SOP20]   | (119)  |
| Nuvoton | w79E833A [SOP28]   | (51)   |

|         |                  |                 |        |
|---------|------------------|-----------------|--------|
| Nuvoton | w79E834          | [LQFP48]        | (174)  |
| Nuvoton | w79E834          | [SOP28]         | (51)   |
| Nuvoton | w79E834A         | [LQFP48]        | (174)  |
| Nuvoton | w79E834A         | [SOP28]         | (51)   |
| Nuvoton | w79E83J          | [SOP28]         | (51)   |
| Nuvoton | w79L532          |                 |        |
| Nuvoton | w79L532          | [PLCC44]        | (67)   |
| Nuvoton | w79L532          | [QFP44]         | (108)  |
| Nuvoton | w79L532A         |                 |        |
| Nuvoton | w79L532A         | [PLCC44]        | (67)   |
| Nuvoton | w79L532A         | [QFP44]         | (108)  |
| Nuvoton | w79L548          | [PLCC68]        | (562)  |
| Nuvoton | w79L548A         | [PLCC68]        | (562)  |
| Nuvoton | w79L549          | [PLCC68]        | (562)  |
| Nuvoton | w79L549A         | [PLCC68]        | (562)  |
| Nuvoton | w79L558A         | [QFP100]        | (917)  |
| Nuvoton | w79L559A         | [QFP100]        | (917)  |
| Nuvoton | w79L632          |                 |        |
| Nuvoton | w79L632          | [PLCC44]        | (67)   |
| Nuvoton | w79L632          | [QFP44]         | (108)  |
| Nuvoton | w79L632A         |                 |        |
| Nuvoton | w79L632A         | [PLCC44]        | (67)   |
| Nuvoton | w79L632A         | [QFP44]         | (108)  |
| Nuvoton | w79L633A         | [PLCC44]        | (67)   |
| Nuvoton | w79L648          | [PLCC68]        | (562)  |
| Nuvoton | w79L648A         | [PLCC68]        | (562)  |
| Nuvoton | w79L649          | [PLCC68]        | (562)  |
| Nuvoton | w79L649A         | [PLCC68]        | (562)  |
| Nuvoton | w79L658A         | [QFP100]        | (917)  |
| Nuvoton | w79L659A         | [QFP100]        | (917)  |
| Nuvoton | w833960G         | [LQFP64]        | (1273) |
| Nuvoton | w83L950D         | [LQFP80]        | (582)  |
| Nuvoton | w83L950G         | [LQFP80]        | (582)  |
| Nuvoton | w83L951ADG       | [LQFP128]       | (581)  |
| Nuvoton | w83L951D         | [LQFP128]       | (581)  |
| Nuvoton | w83L951DG        | [LQFP128]       | (581)  |
| Nuvoton | w83L951F         | [QFP128]        | (861)  |
| Nuvoton | w83L951FG        | [QFP128]        | (861)  |
| Nuvoton | w99100DG         | [LQFP48]        | (174)  |
| NXP     | 9S12XEG128       | (ISP)           | (138)  |
| NXP     | 9S12XEG128       | [LQFP112]       | (699)  |
| NXP     | 9S12XEG128       | [QFP80]         | (698)  |
| NXP     | EM773            | (ISP-UART)      | (138)  |
| NXP     | EM773            | [HVQFN33]       | (1333) |
| NXP     | FS32K142HxxxxLHX | [LQFP64]        | (3212) |
| NXP     | FS32K142HxxxxLLx | [LQFP100]       | (4516) |
| NXP     | FS32K142UxxxxLHX | [LQFP64]        | (3212) |
| NXP     | FS32K142UxxxxLLx | [LQFP100]       | (4516) |
| NXP     | FS32K144H        | [LQFP100]       | (4516) |
| NXP     | FS32K144H        | [LQFP64]        | (3212) |
| NXP     | FS32K144M        | [LQFP100]       | (4516) |
| NXP     | FS32K144M        | [LQFP64]        | (3212) |
| NXP     | FS32K144U        | [LQFP100]       | (4516) |
| NXP     | FS32K144U        | [LQFP64]        | (3212) |
| NXP     | FS32K146HxxxxLLx | [LQFP100]       | (4516) |
| NXP     | FS32K146HxxxxLQx | [LQFP144]       | (4890) |
| NXP     | FS32K146UxxxxLLx | [LQFP100]       | (4516) |
| NXP     | FS32K146UxxxxLQx | [LQFP144]       | (4890) |
| NXP     | FS32K148HxxxxLQx | [LQFP144]       | (4890) |
| NXP     | FS32K148HxxxxLUX | [LQFP176]       | (4912) |
| NXP     | FS32K148UxxxxLQx | [LQFP144]       | (4890) |
| NXP     | FS32K148UxxxxLUX | [LQFP176]       | (4912) |
| NXP     | FXTH8709116T1    | [QFN24]         | (4677) |
| NXP     | FXTH8715116T1    | [QFN24]         | (4677) |
| NXP     | LPC1102UK        | (ISP-UART)      | (138)  |
| NXP     | LPC1102UK        | [WLCSP16]       | (2365) |
| NXP     | LPC1104UK        | (ISP-UART)      | (138)  |
| NXP     | LPC1104UK        | [WLCSP16]       | (2365) |
| NXP     | LPC1110          | (ISP-UART)      | (138)  |
| NXP     | LPC1110          | [SO20]          | (2839) |
| NXP     | LPC1110xxxx      | (ISP-UART)      | (138)  |
| NXP     | LPC1110xxxx      | [SO20]          | (2839) |
| NXP     | LPC1111/002      | (ISP-UART)      | (138)  |
| NXP     | LPC1111/002      | [TSSOP20]       | (2840) |
| NXP     | LPC1111/101      | (ISP-UART)      | (138)  |
| NXP     | LPC1111/101      | [HVQFN33]       | (1333) |
| NXP     | LPC1111/102      | (ISP-UART)      | (138)  |
| NXP     | LPC1111/102      | [HVQFN33]       | (1333) |
| NXP     | LPC1111/103      | (ISP-UART)      | (138)  |
| NXP     | LPC1111/103      | [HVQFN33]       | (1333) |
| NXP     | LPC1111/201      | (ISP-UART)      | (138)  |
| NXP     | LPC1111/201      | [HVQFN33]       | (1333) |
| NXP     | LPC1111/202      | (ISP-UART)      | (138)  |
| NXP     | LPC1111/202      | [HVQFN33]       | (1333) |
| NXP     | LPC1111/203      | (ISP-UART)      | (138)  |
| NXP     | LPC1111/203      | [HVQFN33]       | (1333) |
| NXP     | LPC1111/303      | (ISP-UART)      | (138)  |
| NXP     | LPC1111/303      | [HVQFN33]       | (1333) |
| NXP     | LPC1111xxxxx/002 | (ISP-UART)      | (138)  |
| NXP     | LPC1111xxxxx/002 | [TSSOP20]       | (2840) |
| NXP     | LPC1111xxxxx/101 | (ISP-UART)      | (138)  |
| NXP     | LPC1111xxxxx/101 | [HVQFN33]       | (1333) |
| NXP     | LPC1111xxxxx/102 | (ISP-UART)      | (138)  |
| NXP     | LPC1111xxxxx/102 | [HVQFN33]       | (1333) |
| NXP     | LPC1111xxxxx/103 | (ISP-UART)      | (138)  |
| NXP     | LPC1111xxxxx/103 | [HVQFN33]       | (1333) |
| NXP     | LPC1111xxxxx/201 | (ISP-UART)      | (138)  |
| NXP     | LPC1111xxxxx/201 | [HVQFN33]       | (1333) |
| NXP     | LPC1111xxxxx/202 | (ISP-UART)      | (138)  |
| NXP     | LPC1111xxxxx/202 | [HVQFN33]       | (1333) |
| NXP     | LPC1111xxxxx/203 | (ISP-UART)      | (138)  |
| NXP     | LPC1111xxxxx/203 | [HVQFN33]       | (1333) |
| NXP     | LPC1111xxxxx/303 | (ISP-UART)      | (138)  |
| NXP     | LPC1111xxxxx/303 | [HVQFN33]       | (1333) |
| NXP     | LPC1112/101      | (ISP-UART)      | (138)  |
| NXP     | LPC1112/101      | [HVQFN33]       | (1333) |
| NXP     | LPC1112/102      | (ISP-UART)      | (138)  |
| NXP     | LPC1112/102      | [HVQFN33 (5x5)] | (2698) |
| NXP     | LPC1112/102      | [HVQFN33]       | (1333) |
| NXP     | LPC1112/102      | [SO20]          | (2839) |
| NXP     | LPC1112/102      | [TSSOP20]       | (2840) |
| NXP     | LPC1112/102      | [TSSOP28]       | (2841) |
| NXP     | LPC1112/103      | (ISP-UART)      | (138)  |
| NXP     | LPC1112/103      | [HVQFN33]       | (1333) |
| NXP     | LPC1112/201      | (ISP-UART)      | (138)  |
| NXP     | LPC1112/201      | [HVQFN33]       | (1333) |
| NXP     | LPC1112/202      | (ISP-UART)      | (138)  |
| NXP     | LPC1112/202      | [HVQFN24]       | (2300) |
| NXP     | LPC1112/202      | [HVQFN33 (5x5)] | (2698) |
| NXP     | LPC1112/202      | [HVQFN33]       | (1333) |
| NXP     | LPC1112/203      | (ISP-UART)      | (138)  |
| NXP     | LPC1112/203      | [HVQFN33 (5x5)] | (2698) |
| NXP     | LPC1112/203      | [HVQFN33]       | (1333) |
| NXP     | LPC1112/303      | (ISP-UART)      | (138)  |
| NXP     | LPC1112/303      | [HVQFN33]       | (1333) |
| NXP     | LPC1112/CP3269   | (ISP-UART)      | (138)  |
| NXP     | LPC1112/CP3269   | [DIL28]         | (1503) |
| NXP     | LPC1112_A        | (ISP-UART)      | (138)  |

|     |                                 |              |
|-----|---------------------------------|--------------|
| NXP | LPC1112_A [HVQFN24]             | (2300)       |
| NXP | LPC1112LV/103 [HVQFN33]         | (2698)       |
| NXP | LPC1112LVxxxxx/103 [HVQFN33]    | (2698)       |
| NXP | LPC1112xxxx/102 [So20]          | (2839)       |
| NXP | LPC1112xxxx/CP3269 (ISP-UART)   | (138)        |
| NXP | LPC1112xxxx/CP3269 [DIL28]      | (1503)       |
| NXP | LPC1112xxxx/101 (ISP-UART)      | (138)        |
| NXP | LPC1112xxxx/101 [HVQFN33]       | (1333)       |
| NXP | LPC1112xxxx/102 (ISP-UART)      | (138)        |
| NXP | LPC1112xxxx/102 [HVQFN33 (5x5)] | (2698)       |
| NXP | LPC1112xxxx/102 [HVQFN33]       | (1333)       |
| NXP | LPC1112xxxx/102 [TSSOP20]       | (2840)       |
| NXP | LPC1112xxxx/102 [TSSOP28]       | (2841)       |
| NXP | LPC1112xxxx/103 (ISP-UART)      | (138)        |
| NXP | LPC1112xxxx/103 [HVQFN33]       | (1333)       |
| NXP | LPC1112xxxx/201 (ISP-UART)      | (138)        |
| NXP | LPC1112xxxx/201 [HVQFN33]       | (1333)       |
| NXP | LPC1112xxxx/202 (ISP-UART)      | (138)        |
| NXP | LPC1112xxxx/202 [HVQFN24]       | (2300)       |
| NXP | LPC1112xxxx/202 [HVQFN33 (5x5)] | (2698)       |
| NXP | LPC1112xxxx/202 [HVQFN33]       | (1333)       |
| NXP | LPC1112xxxx/203 (ISP-UART)      | (138)        |
| NXP | LPC1112xxxx/203 [HVQFN33 (5x5)] | (2698)       |
| NXP | LPC1112xxxx/203 [HVQFN33]       | (1333)       |
| NXP | LPC1112xxxx/303 (ISP-UART)      | (138)        |
| NXP | LPC1112xxxx/303 [HVQFN33]       | (1333)       |
| NXP | LPC1113/201 (ISP-UART)          | (138)        |
| NXP | LPC1113/201 [HVQFN33]           | (1333)       |
| NXP | LPC1113/202 (ISP-UART)          | (138)        |
| NXP | LPC1113/202 [HVQFN33]           | (1333)       |
| NXP | LPC1113/203 (ISP-UART)          | (138)        |
| NXP | LPC1113/203 [HVQFN33]           | (1333)       |
| NXP | LPC1113/301 (ISP-UART)          | (138)        |
| NXP | LPC1113/301 [HVQFN33]           | (1333)       |
| NXP | LPC1113/301 [LQFP48]            | (1332)       |
| NXP | LPC1113/302 (ISP-UART)          | (138)        |
| NXP | LPC1113/302 [HVQFN33]           | (1333)       |
| NXP | LPC1113/302 [LQFP48]            | (1332)       |
| NXP | LPC1113/303 (ISP-UART)          | (138)        |
| NXP | LPC1113/303 [HVQFN33]           | (1333)       |
| NXP | LPC1113/303 [LQFP48]            | (1332)       |
| NXP | LPC1113xxxx/201 (ISP-UART)      | (138)        |
| NXP | LPC1113xxxx/201 [HVQFN33]       | (1333)       |
| NXP | LPC1113xxxx/202 (ISP-UART)      | (138)        |
| NXP | LPC1113xxxx/202 [HVQFN33]       | (1333)       |
| NXP | LPC1113xxxx/203 (ISP-UART)      | (138)        |
| NXP | LPC1113xxxx/203 [HVQFN33]       | (1333)       |
| NXP | LPC1113xxxx/301 (ISP-UART)      | (138)        |
| NXP | LPC1113xxxx/301 [HVQFN33]       | (1333)       |
| NXP | LPC1113xxxx/301 [LQFP48]        | (1332)       |
| NXP | LPC1113xxxx/302 (ISP-UART)      | (138)        |
| NXP | LPC1113xxxx/302 [HVQFN33]       | (1333)       |
| NXP | LPC1113xxxx/302 [LQFP48]        | (1332)       |
| NXP | LPC1113xxxx/303 (ISP-UART)      | (138)        |
| NXP | LPC1113xxxx/303 [HVQFN33]       | (1333)       |
| NXP | LPC1113xxxx/303 [LQFP48]        | (1332)       |
| NXP | LPC1114/102 (ISP-UART)          | (138)        |
| NXP | LPC1114/102 [DIP28]             | (2838)       |
| NXP | LPC1114/102 [TSSOP28]           | (2841)       |
| NXP | LPC1114/201 (ISP-UART)          | (138)        |
| NXP | LPC1114/201 [HVQFN33]           | (1333)       |
| NXP | LPC1114/202 (ISP-UART)          | (138)        |
| NXP | LPC1114/202 [HVQFN33]           | (1333)       |
| NXP | LPC1114/203 (ISP-UART)          | (138)        |
| NXP | LPC1114/203 [HVQFN33]           | (1333)       |
| NXP | LPC1114/301 (ISP-UART)          | (138)        |
| NXP | LPC1114/301 [HVQFN33]           | (1333)       |
| NXP | LPC1114/301 [LQFP48]            | (1332)       |
| NXP | LPC1114/302 (ISP-UART)          | (138)        |
| NXP | LPC1114/302 [HVQFN33 (5x5)]     | (2698)       |
| NXP | LPC1114/302 [HVQFN33]           | (1333)       |
| NXP | LPC1114/302 [LQFP48]            | (1332)       |
| NXP | LPC1114/303 (ISP-UART)          | (138)        |
| NXP | LPC1114/303 [HVQFN33 (5x5)]     | (2698)       |
| NXP | LPC1114/303 [HVQFN33]           | (1333)       |
| NXP | LPC1114/303 [LQFP48]            | (1332)       |
| NXP | LPC1114/323 (ISP-UART)          | (138)        |
| NXP | LPC1114/323 [LQFP48]            | (1332)       |
| NXP | LPC1114/333 (ISP-UART)          | (138)        |
| NXP | LPC1114/333 [HVQFN33]           | (1333)       |
| NXP | LPC1114/333 [LQFP48]            | (1332)       |
| NXP | LPC1114LV/303 [HVQFN33]         | (2698)       |
| NXP | LPC1114LVxxxxx/303 [HVQFN33]    | (2698)       |
| NXP | LPC1114xxxx/102 [DIP28]         | (2838)       |
| NXP | LPC1114xxxx/102 (ISP-UART)      | (138)        |
| NXP | LPC1114xxxx/102 [TSSOP28]       | (2841)       |
| NXP | LPC1114xxxx/201 (ISP-UART)      | (138)        |
| NXP | LPC1114xxxx/201 [HVQFN33]       | (1333)       |
| NXP | LPC1114xxxx/202 (ISP-UART)      | (138)        |
| NXP | LPC1114xxxx/202 [HVQFN33]       | (1333)       |
| NXP | LPC1114xxxx/203 (ISP-UART)      | (138)        |
| NXP | LPC1114xxxx/203 [HVQFN33]       | (1333)       |
| NXP | LPC1114xxxx/301 (ISP-UART)      | (138)        |
| NXP | LPC1114xxxx/301 [HVQFN33]       | (1333)       |
| NXP | LPC1114xxxx/301 [LQFP48]        | (1332)       |
| NXP | LPC1114xxxx/302 (ISP-UART)      | (138)        |
| NXP | LPC1114xxxx/302 [HVQFN33 (5x5)] | (2698)       |
| NXP | LPC1114xxxx/302 [HVQFN33]       | (1333)       |
| NXP | LPC1114xxxx/302 [LQFP48]        | (1332)       |
| NXP | LPC1114xxxx/303 (ISP-UART)      | (138)        |
| NXP | LPC1114xxxx/303 [HVQFN33 (5x5)] | (2698)       |
| NXP | LPC1114xxxx/303 [HVQFN33]       | (1333)       |
| NXP | LPC1114xxxx/303 [LQFP48]        | (1332)       |
| NXP | LPC1114xxxx/323 (ISP-UART)      | (138)        |
| NXP | LPC1114xxxx/323 [LQFP48]        | (1332)       |
| NXP | LPC1114xxxx/333 (ISP-UART)      | (138)        |
| NXP | LPC1114xxxx/333 [HVQFN33]       | (1333)       |
| NXP | LPC1114xxxx/333 [LQFP48]        | (1332)       |
| NXP | LPC1115/303 (ISP-UART)          | (138)        |
| NXP | LPC1115/303 [LQFP48]            | (1332)       |
| NXP | LPC1115xxxx/303 (ISP-UART)      | (138)        |
| NXP | LPC1115xxxx/303 [LQFP48]        | (1332)       |
| NXP | LPC1124/303 (ISP-SWD)           | (138) (9997) |
| NXP | LPC1124/303 [LQFP48]            | (1332)       |
| NXP | LPC1124xxxx/303 (ISP-SWD)       | (138) (9997) |
| NXP | LPC1124xxxx/303 [LQFP48]        | (1332)       |
| NXP | LPC1125/303 (ISP-SWD)           | (138) (9997) |
| NXP | LPC1125/303 [LQFP48]            | (1332)       |
| NXP | LPC1125xxxx/303 (ISP-SWD)       | (138) (9997) |
| NXP | LPC1125xxxx/303 [LQFP48]        | (1332)       |
| NXP | LPC11A02UK (ISP-SWD)            | (138) (9997) |
| NXP | LPC11A04UK (ISP-SWD)            | (138) (9997) |
| NXP | LPC11A11/001 (ISP-SWD)          | (138) (9997) |
| NXP | LPC11A11/001 [HVQFN33]          | (1333)       |
| NXP | LPC11A11xxxx/001 (ISP-SWD)      | (138) (9997) |
| NXP | LPC11A11xxxx/001 [HVQFN33]      | (1333)       |
| NXP | LPC11A12/101 (ISP-SWD)          | (138) (9997) |
| NXP | LPC11A12/101 [HVQFN33]          | (1333)       |



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|-----|-----------------------------------|--------------|
| NXP | LPC11A12/101 [LQFP48]             | (3446)       |
| NXP | LPC11A12xxxxx/101 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11A12xxxxx/101 [HVQFN33]       | (1333)       |
| NXP | LPC11A12xxxxx/101 [LQFP48]        | (3446)       |
| NXP | LPC11A13/201 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11A13/201 [HVQFN33 (5x5)]      | (2698)       |
| NXP | LPC11A13xxxxx/201 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11A13xxxxx/201 [HVQFN33 (5x5)] | (2698)       |
| NXP | LPC11A14/301 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11A14/301 [HVQFN33]            | (1333)       |
| NXP | LPC11A14/301 [LQFP48]             | (3446)       |
| NXP | LPC11A14xxxxx/301 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11A14xxxxx/301 [HVQFN33]       | (1333)       |
| NXP | LPC11A14xxxxx/301 [LQFP48]        | (3446)       |
| NXP | LPC11C12/301 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11C12/301 (ISP-UART)           | (138)        |
| NXP | LPC11C12/301 [LQFP48]             | (1332)       |
| NXP | LPC11C12xxxxx/301 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11C12xxxxx/301 (ISP-UART)      | (138)        |
| NXP | LPC11C12xxxxx/301 [LQFP48]        | (1332)       |
| NXP | LPC11C14/301 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11C14/301 (ISP-UART)           | (138)        |
| NXP | LPC11C14/301 [LQFP48]             | (1332)       |
| NXP | LPC11C14xxxxx/301 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11C14xxxxx/301 (ISP-UART)      | (138)        |
| NXP | LPC11C14xxxxx/301 [LQFP48]        | (1332)       |
| NXP | LPC11C22/301 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11C22/301 (ISP-UART)           | (138)        |
| NXP | LPC11C22/301 [LQFP48]             | (1332)       |
| NXP | LPC11C22/301 [LQFP48] (UART)      | (1332)       |
| NXP | LPC11C22xxxxx/301 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11C22xxxxx/301 (ISP-UART)      | (138)        |
| NXP | LPC11C22xxxxx/301 [LQFP48]        | (1332)       |
| NXP | LPC11C22xxxxx/301 [LQFP48] (UART) | (1332)       |
| NXP | LPC11C24/301 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11C24/301 (ISP-UART)           | (138)        |
| NXP | LPC11C24/301 [LQFP48]             | (1332)       |
| NXP | LPC11C24/301 [LQFP48] (UART)      | (1332)       |
| NXP | LPC11C24xxxxx/301 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11C24xxxxx/301 (ISP-UART)      | (138)        |
| NXP | LPC11C24xxxxx/301 [LQFP48]        | (1332)       |
| NXP | LPC11C24xxxxx/301 [LQFP48] (UART) | (1332)       |
| NXP | LPC11D14/302 (ISP-UART)           | (138)        |
| NXP | LPC11D14/302 [LQFP100]            | (2651)       |
| NXP | LPC11D14xxxxxx/302 (ISP-UART)     | (138)        |
| NXP | LPC11D14xxxxxx/302 [LQFP100]      | (2651)       |
| NXP | LPC11E11/101 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11E11/101 [HVQFN33]            | (1333)       |
| NXP | LPC11E11xxxxx/101 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11E11xxxxx/101 [HVQFN33]       | (1333)       |
| NXP | LPC11E12/201 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11E12/201 [LQFP48]             | (1332)       |
| NXP | LPC11E12xxxxx/201 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11E12xxxxx/201 [LQFP48]        | (1332)       |
| NXP | LPC11E13/301 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11E13/301 [LQFP48]             | (1332)       |
| NXP | LPC11E13xxxxx/301 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11E13xxxxx/301 [LQFP48]        | (1332)       |
| NXP | LPC11E14/401 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11E14/401 [HVQFN33]            | (1333)       |
| NXP | LPC11E14/401 [LQFP48]             | (1332)       |
| NXP | LPC11E14/401 [LQFP64]             | (2697)       |
| NXP | LPC11E14xxxxx/401 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11E14xxxxx/401 [HVQFN33]       | (1333)       |
| NXP | LPC11E14xxxxx/401 [LQFP48]        | (1332)       |
| NXP | LPC11E14xxxxx/401 [LQFP64]        | (2697)       |
| NXP | LPC11E35/501 [HVQFN33 (5x5)]      | (2698)       |
| NXP | LPC11E35xxxxx/501 [HVQFN33 (5x5)] | (2698)       |
| NXP | LPC11E36/501 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11E36/501 [HVQFN33]            | (1333)       |
| NXP | LPC11E36/501 [LQFP64]             | (2697)       |
| NXP | LPC11E36xxxxx/501 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11E36xxxxx/501 [HVQFN33]       | (1333)       |
| NXP | LPC11E36xxxxx/501 [LQFP64]        | (2697)       |
| NXP | LPC11E37/401 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11E37/501 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11E37/501 [LQFP48]             | (1332)       |
| NXP | LPC11E37/501 [LQFP64]             | (2697)       |
| NXP | LPC11E37H/401 [LQFP64]            | (2697)       |
| NXP | LPC11E37Hxxxxx/401 [LQFP64]       | (2697)       |
| NXP | LPC11E37xxxxx/401 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11E37xxxxx/501 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11E37xxxxx/501 [LQFP48]        | (1332)       |
| NXP | LPC11E37xxxxx/501 [LQFP64]        | (2697)       |
| NXP | LPC11E66 (ISP-SWD)                | (138) (9997) |
| NXP | LPC11E66 [LQFP48]                 | (1332)       |
| NXP | LPC11E67 (ISP-SWD)                | (138) (9997) |
| NXP | LPC11E67 [LQFP100]                | (3211)       |
| NXP | LPC11E67 [LQFP48]                 | (1332)       |
| NXP | LPC11E67 [LQFP64]                 | (3445)       |
| NXP | LPC11E68 (ISP-SWD)                | (138) (9997) |
| NXP | LPC11E68 [LQFP100]                | (3211)       |
| NXP | LPC11E68 [LQFP48]                 | (1332)       |
| NXP | LPC11E68 [LQFP64]                 | (3445)       |
| NXP | LPC11U12/201 (ISP-UART)           | (138)        |
| NXP | LPC11U12/201 [HVQFN33]            | (1333)       |
| NXP | LPC11U12/201 [LQFP48]             | (1332)       |
| NXP | LPC11U12xxxxx/201 (ISP-UART)      | (138)        |
| NXP | LPC11U12xxxxx/201 [HVQFN33]       | (1333)       |
| NXP | LPC11U12xxxxx/201 [LQFP48]        | (1332)       |
| NXP | LPC11U13/201 (ISP-UART)           | (138)        |
| NXP | LPC11U13/201 [LQFP48]             | (1332)       |
| NXP | LPC11U13xxxxx/201 (ISP-UART)      | (138)        |
| NXP | LPC11U13xxxxx/201 [LQFP48]        | (1332)       |
| NXP | LPC11U14/201 (ISP-UART)           | (138)        |
| NXP | LPC11U14/201 [HVQFN33 (5x5)]      | (2698)       |
| NXP | LPC11U14/201 [HVQFN33]            | (1333)       |
| NXP | LPC11U14/201 [LQFP48]             | (1332)       |
| NXP | LPC11U14xxxxx/201 (ISP-UART)      | (138)        |
| NXP | LPC11U14xxxxx/201 [HVQFN33 (5x5)] | (2698)       |
| NXP | LPC11U14xxxxx/201 [HVQFN33]       | (1333)       |
| NXP | LPC11U14xxxxx/201 [LQFP48]        | (1332)       |
| NXP | LPC11U22/301 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11U22/301 (ISP-UART)           | (138)        |
| NXP | LPC11U22/301 [LQFP48]             | (1332)       |
| NXP | LPC11U22xxxxx/301 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U22xxxxx/301 (ISP-UART)      | (138)        |
| NXP | LPC11U22xxxxx/301 [LQFP48]        | (1332)       |
| NXP | LPC11U23/301 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11U23/301 (ISP-UART)           | (138)        |
| NXP | LPC11U23/301 [LQFP48]             | (1332)       |
| NXP | LPC11U23xxxxx/301 (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U23xxxxx/301 (ISP-UART)      | (138)        |
| NXP | LPC11U23xxxxx/301 [LQFP48]        | (1332)       |
| NXP | LPC11U24/301 (ISP-SWD)            | (138) (9997) |
| NXP | LPC11U24/301 (ISP-UART)           | (138)        |
| NXP | LPC11U24/301 [HVQFN33 (5x5)]      | (2698)       |
| NXP | LPC11U24/301 [LQFP48]             | (1332)       |

|     |                    |                 |              |
|-----|--------------------|-----------------|--------------|
| NXP | LPC11U24/401       | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U24/401       | (ISP-UART)      | (138)        |
| NXP | LPC11U24/401       | [HVQFN33]       | (1333)       |
| NXP | LPC11U24/401       | [LQFP48]        | (1332)       |
| NXP | LPC11U24/401       | [LQFP64]        | (2697)       |
| NXP | LPC11U24xxxxx/301  | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U24xxxxx/301  | (ISP-UART)      | (138)        |
| NXP | LPC11U24xxxxx/301  | [HVQFN33 (5x5)] | (2698)       |
| NXP | LPC11U24xxxxx/301  | [LQFP48]        | (1332)       |
| NXP | LPC11U24xxxxx/401  | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U24xxxxx/401  | (ISP-UART)      | (138)        |
| NXP | LPC11U24xxxxx/401  | [HVQFN33]       | (1333)       |
| NXP | LPC11U24xxxxx/401  | [LQFP48]        | (1332)       |
| NXP | LPC11U24xxxxx/401  | [LQFP64]        | (2697)       |
| NXP | LPC11U34/311       | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U34/311       | (ISP-UART)      | (138)        |
| NXP | LPC11U34/311       | [HVQFN33]       | (1333)       |
| NXP | LPC11U34/311       | [LQFP48]        | (1332)       |
| NXP | LPC11U34/421       | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U34/421       | (ISP-UART)      | (138)        |
| NXP | LPC11U34/421       | [HVQFN33]       | (1333)       |
| NXP | LPC11U34/421       | [LQFP48]        | (1332)       |
| NXP | LPC11U34xxxxx/311  | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U34xxxxx/311  | (ISP-UART)      | (138)        |
| NXP | LPC11U34xxxxx/311  | [HVQFN33]       | (1333)       |
| NXP | LPC11U34xxxxx/311  | [LQFP48]        | (1332)       |
| NXP | LPC11U34xxxxx/421  | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U34xxxxx/421  | (ISP-UART)      | (138)        |
| NXP | LPC11U34xxxxx/421  | [HVQFN33]       | (1333)       |
| NXP | LPC11U34xxxxx/421  | [LQFP48]        | (1332)       |
| NXP | LPC11U35/401       | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U35/401       | (ISP-UART)      | (138)        |
| NXP | LPC11U35/401       | [HVQFN33]       | (1333)       |
| NXP | LPC11U35/401       | [LQFP48]        | (1332)       |
| NXP | LPC11U35/401       | [LQFP64]        | (2697)       |
| NXP | LPC11U35/501       | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U35/501       | (ISP-UART)      | (138)        |
| NXP | LPC11U35/501       | [HVQFN33 (5x5)] | (2698)       |
| NXP | LPC11U35/501       | [LQFP48]        | (1332)       |
| NXP | LPC11U35xxxxx/401  | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U35xxxxx/401  | (ISP-UART)      | (138)        |
| NXP | LPC11U35xxxxx/401  | [HVQFN33]       | (1333)       |
| NXP | LPC11U35xxxxx/401  | [LQFP48]        | (1332)       |
| NXP | LPC11U35xxxxx/401  | [LQFP64]        | (2697)       |
| NXP | LPC11U35xxxxx/501  | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U35xxxxx/501  | (ISP-UART)      | (138)        |
| NXP | LPC11U35xxxxx/501  | [HVQFN33 (5x5)] | (2698)       |
| NXP | LPC11U35xxxxx/501  | [LQFP48]        | (1332)       |
| NXP | LPC11U36/401       | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U36/401       | (ISP-UART)      | (138)        |
| NXP | LPC11U36/401       | [LQFP48]        | (1332)       |
| NXP | LPC11U36/401       | [LQFP64]        | (2697)       |
| NXP | LPC11U36xxxxx/401  | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U36xxxxx/401  | (ISP-UART)      | (138)        |
| NXP | LPC11U36xxxxx/401  | [LQFP48]        | (1332)       |
| NXP | LPC11U36xxxxx/401  | [LQFP64]        | (2697)       |
| NXP | LPC11U37/401       | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U37/401       | (ISP-UART)      | (138)        |
| NXP | LPC11U37/401       | [LQFP48]        | (1332)       |
| NXP | LPC11U37/401       | [LQFP64]        | (2697)       |
| NXP | LPC11U37/501       | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U37/501       | (ISP-UART)      | (138)        |
| NXP | LPC11U37/501       | [LQFP64]        | (2697)       |
| NXP | LPC11U37H/401      | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U37H/401      | (ISP-UART)      | (138)        |
| NXP | LPC11U37H/401      | [LQFP64]        | (2697)       |
| NXP | LPC11U37Hxxxxx/401 | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U37Hxxxxx/401 | (ISP-UART)      | (138)        |
| NXP | LPC11U37Hxxxxx/401 | [LQFP64]        | (2697)       |
| NXP | LPC11U37xxxxx/401  | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U37xxxxx/401  | (ISP-UART)      | (138)        |
| NXP | LPC11U37xxxxx/401  | [LQFP48]        | (1332)       |
| NXP | LPC11U37xxxxx/401  | [LQFP64]        | (2697)       |
| NXP | LPC11U37xxxxx/501  | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U37xxxxx/501  | (ISP-UART)      | (138)        |
| NXP | LPC11U37xxxxx/501  | [LQFP64]        | (2697)       |
| NXP | LPC11U66           | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U66           | [LQFP48]        | (1332)       |
| NXP | LPC11U67           | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U67           | [LQFP100]       | (3211)       |
| NXP | LPC11U67           | [LQFP48]        | (1332)       |
| NXP | LPC11U67           | [LQFP64]        | (3445)       |
| NXP | LPC11U68           | (ISP-SWD)       | (138) (9997) |
| NXP | LPC11U68           | [LQFP100]       | (3211)       |
| NXP | LPC11U68           | [LQFP48]        | (1332)       |
| NXP | LPC11U68           | [LQFP64]        | (3445)       |
| NXP | LPC1224/101        | (ISP-SWD)       | (138) (9997) |
| NXP | LPC1224/101        | (ISP-UART)      | (138)        |
| NXP | LPC1224/101        | [LQFP48]        | (2366)       |
| NXP | LPC1224/101        | [LQFP48] (UART) | (2366)       |
| NXP | LPC1224/101        | [LQFP64]        | (2367)       |
| NXP | LPC1224/121        | (ISP-SWD)       | (138) (9997) |
| NXP | LPC1224/121        | (ISP-UART)      | (138)        |
| NXP | LPC1224/121        | [LQFP48]        | (2366)       |
| NXP | LPC1224/121        | [LQFP64]        | (2367)       |
| NXP | LPC1224/201        | (ISP-SWD)       | (138) (9997) |
| NXP | LPC1224/201        | (ISP-UART)      | (138)        |
| NXP | LPC1224/201        | [LQFP48]        | (2366)       |
| NXP | LPC1224/201        | [LQFP64]        | (2367)       |
| NXP | LPC1224/221        | (ISP-SWD)       | (138) (9997) |
| NXP | LPC1224/221        | (ISP-UART)      | (138)        |
| NXP | LPC1224/221        | [LQFP48]        | (2366)       |
| NXP | LPC1224/221        | [LQFP64]        | (2367)       |
| NXP | LPC1224xxxxx/101   | (ISP-SWD)       | (138) (9997) |
| NXP | LPC1224xxxxx/101   | (ISP-UART)      | (138)        |
| NXP | LPC1224xxxxx/101   | [LQFP48]        | (2366)       |
| NXP | LPC1224xxxxx/101   | [LQFP48] (UART) | (2366)       |
| NXP | LPC1224xxxxx/101   | [LQFP64]        | (2367)       |
| NXP | LPC1224xxxxx/121   | (ISP-SWD)       | (138) (9997) |
| NXP | LPC1224xxxxx/121   | (ISP-UART)      | (138)        |
| NXP | LPC1224xxxxx/121   | [LQFP48]        | (2366)       |
| NXP | LPC1224xxxxx/121   | [LQFP64]        | (2367)       |
| NXP | LPC1224xxxxx/201   | (ISP-SWD)       | (138) (9997) |
| NXP | LPC1224xxxxx/201   | (ISP-UART)      | (138)        |
| NXP | LPC1224xxxxx/201   | [LQFP48]        | (2366)       |
| NXP | LPC1224xxxxx/201   | [LQFP64]        | (2367)       |
| NXP | LPC1224xxxxx/221   | (ISP-SWD)       | (138) (9997) |
| NXP | LPC1224xxxxx/221   | (ISP-UART)      | (138)        |
| NXP | LPC1224xxxxx/221   | [LQFP48]        | (2366)       |
| NXP | LPC1224xxxxx/221   | [LQFP64]        | (2367)       |
| NXP | LPC1225/201        | (ISP-SWD)       | (138) (9997) |
| NXP | LPC1225/201        | (ISP-UART)      | (138)        |
| NXP | LPC1225/201        | [LQFP48]        | (2366)       |
| NXP | LPC1225/201        | [LQFP64]        | (2367)       |
| NXP | LPC1225/301        | (ISP-SWD)       | (138) (9997) |
| NXP | LPC1225/301        | (ISP-UART)      | (138)        |
| NXP | LPC1225/301        | [LQFP48]        | (2366)       |
| NXP | LPC1225/301        | [LQFP64]        | (2367)       |

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|-----|-------------------------------|--------------|
| NXP | LPC1225/321 (ISP-SWD)         | (138) (9997) |
| NXP | LPC1225/321 (ISP-UART)        | (138)        |
| NXP | LPC1225/321 [LQFP48]          | (2366)       |
| NXP | LPC1225/321 [LQFP64]          | (2367)       |
| NXP | LPC1225xxxxx/201 (ISP-SWD)    | (138) (9997) |
| NXP | LPC1225xxxxx/201 (ISP-UART)   | (138)        |
| NXP | LPC1225xxxxx/201 [LQFP48]     | (2366)       |
| NXP | LPC1225xxxxx/201 [LQFP64]     | (2367)       |
| NXP | LPC1225xxxxx/301 (ISP-SWD)    | (138) (9997) |
| NXP | LPC1225xxxxx/301 (ISP-UART)   | (138)        |
| NXP | LPC1225xxxxx/301 [LQFP48]     | (2366)       |
| NXP | LPC1225xxxxx/301 [LQFP64]     | (2367)       |
| NXP | LPC1225xxxxx/321 (ISP-SWD)    | (138) (9997) |
| NXP | LPC1225xxxxx/321 (ISP-UART)   | (138)        |
| NXP | LPC1225xxxxx/321 [LQFP48]     | (2366)       |
| NXP | LPC1225xxxxx/321 [LQFP64]     | (2367)       |
| NXP | LPC1226/301 (ISP-SWD)         | (138) (9997) |
| NXP | LPC1226/301 (ISP-UART)        | (138)        |
| NXP | LPC1226/301 [LQFP48]          | (2366)       |
| NXP | LPC1226/301 [LQFP64]          | (2367)       |
| NXP | LPC1226xxxxx/301 (ISP-SWD)    | (138) (9997) |
| NXP | LPC1226xxxxx/301 (ISP-UART)   | (138)        |
| NXP | LPC1226xxxxx/301 [LQFP48]     | (2366)       |
| NXP | LPC1226xxxxx/301 [LQFP64]     | (2367)       |
| NXP | LPC1227/301 (ISP-SWD)         | (138) (9997) |
| NXP | LPC1227/301 (ISP-UART)        | (138)        |
| NXP | LPC1227/301 [LQFP48]          | (2366)       |
| NXP | LPC1227/301 [LQFP64]          | (2367)       |
| NXP | LPC1227xxxxx/301 (ISP-SWD)    | (138) (9997) |
| NXP | LPC1227xxxxx/301 (ISP-UART)   | (138)        |
| NXP | LPC1227xxxxx/301 [LQFP48]     | (2366)       |
| NXP | LPC1227xxxxx/301 [LQFP64]     | (2367)       |
| NXP | LPC12D27/301 (ISP-SWD)        | (138) (9997) |
| NXP | LPC12D27/301 (ISP-UART)       | (138)        |
| NXP | LPC12D27/301 [LQFP100]        | (2652)       |
| NXP | LPC12D27xxxxxx/301 (ISP-SWD)  | (138) (9997) |
| NXP | LPC12D27xxxxxx/301 (ISP-UART) | (138)        |
| NXP | LPC12D27xxxxxx/301 [LQFP100]  | (2652)       |
| NXP | LPC1311 (ISP-UART)            | (138)        |
| NXP | LPC1311 [HVQFN33]             | (1333)       |
| NXP | LPC1311/01 (ISP-UART)         | (138)        |
| NXP | LPC1311/01 [HVQFN33]          | (1333)       |
| NXP | LPC1311xxxxx/01 (ISP-UART)    | (138)        |
| NXP | LPC1311xxxxx/01 [HVQFN33]     | (1333)       |
| NXP | LPC1313 (ISP-UART)            | (138)        |
| NXP | LPC1313 [HVQFN33]             | (1333)       |
| NXP | LPC1313 [LQFP48]              | (1332)       |
| NXP | LPC1313/01 (ISP-UART)         | (138)        |
| NXP | LPC1313/01 [HVQFN33]          | (1333)       |
| NXP | LPC1313/01 [LQFP48]           | (1332)       |
| NXP | LPC1313xxxxx/01 (ISP-UART)    | (138)        |
| NXP | LPC1313xxxxx/01 [HVQFN33]     | (1333)       |
| NXP | LPC1313xxxxx/01 [LQFP48]      | (1332)       |
| NXP | LPC1315 (ISP-UART)            | (138)        |
| NXP | LPC1315 [HVQFN33]             | (1333)       |
| NXP | LPC1315 [LQFP48]              | (1332)       |
| NXP | LPC1316 (ISP-UART)            | (138)        |
| NXP | LPC1316 [HVQFN33]             | (1333)       |
| NXP | LPC1316 [LQFP48]              | (1332)       |
| NXP | LPC1317 (ISP-UART)            | (138)        |
| NXP | LPC1317 [HVQFN33]             | (1333)       |
| NXP | LPC1317 [LQFP48]              | (1332)       |
| NXP | LPC1317 [LQFP64]              | (2697)       |
| NXP | LPC1342 (ISP-UART)            | (138)        |
| NXP | LPC1342 [HVQFN33]             | (1333)       |
| NXP | LPC1342 [LQFP48]              | (1332)       |
| NXP | LPC1343 (ISP-UART)            | (138)        |
| NXP | LPC1343 [HVQFN33]             | (1333)       |
| NXP | LPC1343 [LQFP48]              | (1332)       |
| NXP | LPC1345 (ISP-UART)            | (138)        |
| NXP | LPC1345 [HVQFN33]             | (1333)       |
| NXP | LPC1345 [LQFP48]              | (1332)       |
| NXP | LPC1346 (ISP-UART)            | (138)        |
| NXP | LPC1346 [HVQFN33]             | (1333)       |
| NXP | LPC1346 [LQFP48]              | (1332)       |
| NXP | LPC1347 (ISP-UART)            | (138)        |
| NXP | LPC1347 [HVQFN33]             | (1333)       |
| NXP | LPC1347 [LQFP48]              | (1332)       |
| NXP | LPC1347 [LQFP64]              | (2697)       |
| NXP | LPC1517 [LQFP48]              | (3895)       |
| NXP | LPC1517 [LQFP64]              | (3878)       |
| NXP | LPC1518 [LQFP100]             | (3896)       |
| NXP | LPC1518 [LQFP64]              | (3878)       |
| NXP | LPC1519 [LQFP100]             | (3896)       |
| NXP | LPC1519 [LQFP64]              | (3878)       |
| NXP | LPC1547 [LQFP48]              | (3895)       |
| NXP | LPC1547 [LQFP64]              | (3878)       |
| NXP | LPC1548 [LQFP100]             | (3896)       |
| NXP | LPC1548 [LQFP64]              | (3878)       |
| NXP | LPC1549 [LQFP100]             | (3896)       |
| NXP | LPC1549 [LQFP48]              | (3895)       |
| NXP | LPC1549 [LQFP64]              | (3878)       |
| NXP | LPC1751 (ISP-SWD)             | (138) (9997) |
| NXP | LPC1751 (ISP-UART)            | (138)        |
| NXP | LPC1751 [LQFP80]              | (1330)       |
| NXP | LPC1752 (ISP-SWD)             | (138) (9997) |
| NXP | LPC1752 (ISP-UART)            | (138)        |
| NXP | LPC1752 [LQFP80]              | (1330)       |
| NXP | LPC1754 (ISP-SWD)             | (138) (9997) |
| NXP | LPC1754 (ISP-UART)            | (138)        |
| NXP | LPC1754 [LQFP80]              | (1330)       |
| NXP | LPC1756 (ISP-SWD)             | (138) (9997) |
| NXP | LPC1756 (ISP-UART)            | (138)        |
| NXP | LPC1756 [LQFP80]              | (1330)       |
| NXP | LPC1758 (ISP-SWD)             | (138) (9997) |
| NXP | LPC1758 (ISP-UART)            | (138)        |
| NXP | LPC1758 [LQFP80]              | (1330)       |
| NXP | LPC1759 (ISP-SWD)             | (138) (9997) |
| NXP | LPC1759 (ISP-UART)            | (138)        |
| NXP | LPC1759 [LQFP80]              | (1330)       |
| NXP | LPC1763 (ISP-SWD)             | (138) (9997) |
| NXP | LPC1763 (ISP-UART)            | (138)        |
| NXP | LPC1763 [LQFP100]             | (1331)       |
| NXP | LPC1764 (ISP-SWD)             | (138) (9997) |
| NXP | LPC1764 (ISP-UART)            | (138)        |
| NXP | LPC1764 [LQFP100]             | (1331)       |
| NXP | LPC1765 (ISP-SWD)             | (138) (9997) |
| NXP | LPC1765 (ISP-UART)            | (138)        |
| NXP | LPC1765 [LQFP100]             | (1331)       |
| NXP | LPC1765 [TFBGA100]            | (1511)       |
| NXP | LPC1766 (ISP-SWD)             | (138) (9997) |
| NXP | LPC1766 (ISP-UART)            | (138)        |
| NXP | LPC1766 [LQFP100]             | (1331)       |
| NXP | LPC1767 (ISP-SWD)             | (138) (9997) |
| NXP | LPC1767 (ISP-UART)            | (138)        |
| NXP | LPC1767 [LQFP100]             | (1331)       |
| NXP | LPC1768 (ISP-SWD)             | (138) (9997) |
| NXP | LPC1768 (ISP-UART)            | (138)        |

|     |                 |                   |              |
|-----|-----------------|-------------------|--------------|
| NXP | LPC1768         | [LQFP100]         | (1331)       |
| NXP | LPC1768         | [TFBGA100]        | (1511)       |
| NXP | LPC1769         | (ISP-SWD)         | (138) (9997) |
| NXP | LPC1769         | (ISP-UART)        | (138)        |
| NXP | LPC1769         | [LQFP100]         | (1331)       |
| NXP | LPC1774         | (ISP-SWD)         | (138) (9997) |
| NXP | LPC1774         | (ISP-UART)        | (138)        |
| NXP | LPC1774         | [LQFP144]         | (2650)       |
| NXP | LPC1774         | [LQFP208]         | (1217)       |
| NXP | LPC1776         | (ISP-SWD)         | (138) (9997) |
| NXP | LPC1776         | (ISP-UART)        | (138)        |
| NXP | LPC1776         | [LQFP208]         | (1217)       |
| NXP | LPC1776         | [TFBGA180]        | (1512)       |
| NXP | LPC1777         | (ISP-SWD)         | (138) (9997) |
| NXP | LPC1777         | (ISP-UART)        | (138)        |
| NXP | LPC1777         | [LQFP208]         | (1217)       |
| NXP | LPC1778         | (ISP-SWD)         | (138) (9997) |
| NXP | LPC1778         | (ISP-UART)        | (138)        |
| NXP | LPC1778         | [LQFP144]         | (2650)       |
| NXP | LPC1778         | [LQFP208]         | (1217)       |
| NXP | LPC1778         | [TFBGA180]        | (1512)       |
| NXP | LPC1778         | [TFBGA208]        | (1439)       |
| NXP | LPC1785         | (ISP-SWD)         | (138) (9997) |
| NXP | LPC1785         | (ISP-UART)        | (138)        |
| NXP | LPC1785         | [LQFP208]         | (1217)       |
| NXP | LPC1786         | (ISP-SWD)         | (138) (9997) |
| NXP | LPC1786         | (ISP-UART)        | (138)        |
| NXP | LPC1786         | [LQFP208]         | (1217)       |
| NXP | LPC1787         | (ISP-SWD)         | (138) (9997) |
| NXP | LPC1787         | (ISP-UART)        | (138)        |
| NXP | LPC1787         | [LQFP208]         | (1217)       |
| NXP | LPC1788         | (ISP-SWD)         | (138) (9997) |
| NXP | LPC1788         | (ISP-UART)        | (138)        |
| NXP | LPC1788         | [LQFP144]         | (2650)       |
| NXP | LPC1788         | [LQFP208]         | (1217)       |
| NXP | LPC1788         | [TFBGA180]        | (1512)       |
| NXP | LPC1788         | [TFBGA208]        | (1439)       |
| NXP | LPC1812         | [LQFP144]         | (3317)       |
| NXP | LPC1812         | [TFBGA100]        | (3112)       |
| NXP | LPC1813         | [LQFP144]         | (3317)       |
| NXP | LPC1813         | [TFBGA100]        | (3112)       |
| NXP | LPC1815         | [LQFP144]         | (3317)       |
| NXP | LPC1815         | [TFBGA100]        | (3112)       |
| NXP | LPC1817         | [LQFP144]         | (3317)       |
| NXP | LPC1817         | [TFBGA100]        | (3112)       |
| NXP | LPC1822         | [LQFP144]         | (3317)       |
| NXP | LPC1822         | [TFBGA100]        | (3112)       |
| NXP | LPC1823         | [LQFP144]         | (3317)       |
| NXP | LPC1823         | [TFBGA100]        | (3112)       |
| NXP | LPC1825         | [LQFP144]         | (3317)       |
| NXP | LPC1825         | [TFBGA100]        | (3112)       |
| NXP | LPC1827         | [LQFP144]         | (3317)       |
| NXP | LPC1827         | [TFBGA100]        | (3112)       |
| NXP | LPC1833         | [LBGA256]         | (2982)       |
| NXP | LPC1833         | [LQFP144]         | (3317)       |
| NXP | LPC1833         | [TFBGA100]        | (3112)       |
| NXP | LPC1837         | [LBGA256]         | (2982)       |
| NXP | LPC1837         | [LQFP144]         | (3317)       |
| NXP | LPC1837         | [TFBGA100]        | (3112)       |
| NXP | LPC1853         | [LBGA256]         | (2982)       |
| NXP | LPC1853         | [LQFP208]         | (3460)       |
| NXP | LPC1853         | [TFBGA100]        | (3112)       |
| NXP | LPC1857         | [LBGA256]         | (2982)       |
| NXP | LPC1857         | [LQFP208]         | (3460)       |
| NXP | LPC1857         | [TFBGA100]        | (3112)       |
| NXP | LPC18537        | [LQFP144]         | (3317)       |
| NXP | LPC18537        | [TFBGA100]        | (3112)       |
| NXP | LPC18557        | [LBGA256]         | (2982)       |
| NXP | LPC18557        | [LQFP208]         | (3460)       |
| NXP | LPC2101         | (ISP-UART)        | (138)        |
| NXP | LPC2101         | [LQFP48]          | (174)        |
| NXP | LPC2102         | (ISP-UART)        | (138)        |
| NXP | LPC2102         | [HVQFN48]         | (567)        |
| NXP | LPC2102         | [LQFP48]          | (174)        |
| NXP | LPC2102         | CV9623 (ISP-UART) | (138)        |
| NXP | LPC2102         | CV9623 [HVQFN48]  | (567)        |
| NXP | LPC2102         | CV9623 [LQFP48]   | (174)        |
| NXP | LPC2103         | (ISP-UART)        | (138)        |
| NXP | LPC2103         | [HVQFN48]         | (567)        |
| NXP | LPC2103         | [LQFP48]          | (174)        |
| NXP | LPC2103         | [PLCC44]          | (67)         |
| NXP | LPC2103H        | [HVQFN48]         | (2312)       |
| NXP | LPC2104         | (ISP-UART)        | (138)        |
| NXP | LPC2104         | [LQFP48]          | (174)        |
| NXP | LPC2104xxxxx/00 | (ISP-UART)        | (138)        |
| NXP | LPC2104xxxxx/00 | [LQFP48]          | (174)        |
| NXP | LPC2104xxxxx/01 | (ISP-UART)        | (138)        |
| NXP | LPC2104xxxxx/01 | [LQFP48]          | (174)        |
| NXP | LPC2105         | (ISP-UART)        | (138)        |
| NXP | LPC2105         | [LQFP48]          | (174)        |
| NXP | LPC2105xxxxx/00 | (ISP-UART)        | (138)        |
| NXP | LPC2105xxxxx/00 | [LQFP48]          | (174)        |
| NXP | LPC2105xxxxx/01 | (ISP-UART)        | (138)        |
| NXP | LPC2105xxxxx/01 | [LQFP48]          | (174)        |
| NXP | LPC2106         | (ISP-UART)        | (138)        |
| NXP | LPC2106         | [HVQFN48]         | (567)        |
| NXP | LPC2106         | [LQFP48]          | (174)        |
| NXP | LPC2106xxxxx/00 | (ISP-UART)        | (138)        |
| NXP | LPC2106xxxxx/00 | [HVQFN48]         | (567)        |
| NXP | LPC2106xxxxx/00 | [LQFP48]          | (174)        |
| NXP | LPC2106xxxxx/01 | (ISP-UART)        | (138)        |
| NXP | LPC2106xxxxx/01 | [HVQFN48]         | (567)        |
| NXP | LPC2106xxxxx/01 | [LQFP48]          | (174)        |
| NXP | LPC2109xxxxx/00 | (ISP-UART)        | (138)        |
| NXP | LPC2109xxxxx/00 | [LQFP64]          | (565)        |
| NXP | LPC2109xxxxx/01 | (ISP-UART)        | (138)        |
| NXP | LPC2109xxxxx/01 | [LQFP64]          | (565)        |
| NXP | LPC2114         | (ISP-UART)        | (138)        |
| NXP | LPC2114         | [HVQFN64]         | (594)        |
| NXP | LPC2114         | [LQFP64]          | (565)        |
| NXP | LPC2114xxxxx/00 | (ISP-UART)        | (138)        |
| NXP | LPC2114xxxxx/00 | [LQFP64]          | (565)        |
| NXP | LPC2114xxxxx/01 | (ISP-UART)        | (138)        |
| NXP | LPC2114xxxxx/01 | [LQFP64]          | (565)        |
| NXP | LPC2119         | (ISP-UART)        | (138)        |
| NXP | LPC2119         | [HVQFN64]         | (594)        |
| NXP | LPC2119         | [LQFP64]          | (565)        |
| NXP | LPC2119xxxxx/00 | (ISP-UART)        | (138)        |
| NXP | LPC2119xxxxx/00 | [LQFP64]          | (565)        |
| NXP | LPC2119xxxxx/01 | (ISP-UART)        | (138)        |
| NXP | LPC2119xxxxx/01 | [LQFP64]          | (565)        |
| NXP | LPC2124         | (ISP-UART)        | (138)        |
| NXP | LPC2124         | [HVQFN64]         | (594)        |
| NXP | LPC2124         | [LQFP64]          | (565)        |
| NXP | LPC2124xxxxx/00 | (ISP-UART)        | (138)        |
| NXP | LPC2124xxxxx/00 | [LQFP64]          | (565)        |
| NXP | LPC2124xxxxx/01 | (ISP-UART)        | (138)        |
| NXP | LPC2124xxxxx/01 | [LQFP64]          | (565)        |

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| NXP | LPC2129 (ISP-UART)         | (138)        |
| NXP | LPC2129 [HVQFN64]          | (594)        |
| NXP | LPC2129 [LQFP64]           | (565)        |
| NXP | LPC2129xxxxx/00 (ISP-UART) | (138)        |
| NXP | LPC2129xxxxx/00 [LQFP64]   | (565)        |
| NXP | LPC2129xxxxx/01 (ISP-UART) | (138)        |
| NXP | LPC2129xxxxx/01 [LQFP64]   | (565)        |
| NXP | LPC2131 (ISP-UART)         | (138)        |
| NXP | LPC2131 [LQFP64]           | (565)        |
| NXP | LPC2131xxxxx/01 (ISP-UART) | (138)        |
| NXP | LPC2131xxxxx/01 [LQFP64]   | (565)        |
| NXP | LPC2132 (ISP-UART)         | (138)        |
| NXP | LPC2132 [HVQFN64]          | (594)        |
| NXP | LPC2132 [LQFP64]           | (565)        |
| NXP | LPC2132xxxxx/01 (ISP-UART) | (138)        |
| NXP | LPC2132xxxxx/01 [HVQFN64]  | (594)        |
| NXP | LPC2132xxxxx/01 [LQFP64]   | (565)        |
| NXP | LPC2134 (ISP-UART)         | (138)        |
| NXP | LPC2134 [LQFP64]           | (565)        |
| NXP | LPC2134xxxxx/01 (ISP-UART) | (138)        |
| NXP | LPC2134xxxxx/01 [LQFP64]   | (565)        |
| NXP | LPC2136 (ISP-UART)         | (138)        |
| NXP | LPC2136 [LQFP64]           | (565)        |
| NXP | LPC2136xxxxx/01 (ISP-UART) | (138)        |
| NXP | LPC2136xxxxx/01 [LQFP64]   | (565)        |
| NXP | LPC2138 (ISP-UART)         | (138)        |
| NXP | LPC2138 [HVQFN64]          | (594)        |
| NXP | LPC2138 [LQFP64]           | (565)        |
| NXP | LPC2138xxxxx/01 (ISP-UART) | (138)        |
| NXP | LPC2138xxxxx/01 [HVQFN64]  | (594)        |
| NXP | LPC2138xxxxx/01 [LQFP64]   | (565)        |
| NXP | LPC2141 (ISP-UART)         | (138)        |
| NXP | LPC2141 [LQFP64]           | (565)        |
| NXP | LPC2142 (ISP-UART)         | (138)        |
| NXP | LPC2142 [LQFP64]           | (565)        |
| NXP | LPC2144 (ISP-UART)         | (138)        |
| NXP | LPC2144 [LQFP64]           | (565)        |
| NXP | LPC2146 (ISP-UART)         | (138)        |
| NXP | LPC2146 [LQFP64]           | (565)        |
| NXP | LPC2148 (ISP-UART)         | (138)        |
| NXP | LPC2148 [LQFP64]           | (565)        |
| NXP | LPC2157 (ISP-UART)         | (138)        |
| NXP | LPC2157 [LQFP100]          | (1315)       |
| NXP | LPC2158 (ISP-UART)         | (138)        |
| NXP | LPC2158 [LQFP100]          | (1315)       |
| NXP | LPC2194 (ISP-UART)         | (138)        |
| NXP | LPC2194 [LQFP64]           | (565)        |
| NXP | LPC2194xxxxx/00 (ISP-UART) | (138)        |
| NXP | LPC2194xxxxx/00 [LQFP64]   | (565)        |
| NXP | LPC2194xxxxx/01 (ISP-UART) | (138)        |
| NXP | LPC2194xxxxx/01 [LQFP64]   | (565)        |
| NXP | LPC2212 (ISP-UART)         | (138)        |
| NXP | LPC2212 [LQFP144]          | (566)        |
| NXP | LPC2212xxxxx/00 (ISP-UART) | (138)        |
| NXP | LPC2212xxxxx/00 [LQFP144]  | (566)        |
| NXP | LPC2212xxxxx/01 (ISP-UART) | (138)        |
| NXP | LPC2212xxxxx/01 [LQFP144]  | (566)        |
| NXP | LPC2214 (ISP-UART)         | (138)        |
| NXP | LPC2214 [LQFP144]          | (566)        |
| NXP | LPC2214xxxxx/00 (ISP-UART) | (138)        |
| NXP | LPC2214xxxxx/00 [LQFP144]  | (566)        |
| NXP | LPC2214xxxxx/01 (ISP-UART) | (138)        |
| NXP | LPC2214xxxxx/01 [LQFP144]  | (566)        |
| NXP | LPC2292 (ISP-UART)         | (138)        |
| NXP | LPC2292 [LQFP144]          | (566)        |
| NXP | LPC2292 [TFBGA144]         | (1513)       |
| NXP | LPC2292xxxxx/00 (ISP-UART) | (138)        |
| NXP | LPC2292xxxxx/00 [LQFP144]  | (566)        |
| NXP | LPC2292xxxxx/00 [TFBGA144] | (1513)       |
| NXP | LPC2292xxxxx/01 (ISP-UART) | (138)        |
| NXP | LPC2292xxxxx/01 [LQFP144]  | (566)        |
| NXP | LPC2292xxxxx/01 [TFBGA144] | (1513)       |
| NXP | LPC2294 (ISP-UART)         | (138)        |
| NXP | LPC2294 [LQFP144]          | (566)        |
| NXP | LPC2294xxxxx/00 (ISP-UART) | (138)        |
| NXP | LPC2294xxxxx/00 [LQFP144]  | (566)        |
| NXP | LPC2294xxxxx/01 (ISP-UART) | (138)        |
| NXP | LPC2294xxxxx/01 [LQFP144]  | (566)        |
| NXP | LPC2361 (ISP-UART)         | (138)        |
| NXP | LPC2361 [LQFP100]          | (914)        |
| NXP | LPC2362 (ISP-UART)         | (138)        |
| NXP | LPC2362 [LQFP100]          | (914)        |
| NXP | LPC2364 (ISP-UART)         | (138)        |
| NXP | LPC2364 [LQFP100]          | (914)        |
| NXP | LPC2364 [TFBGA100]         | (1511)       |
| NXP | LPC2365 (ISP-UART)         | (138)        |
| NXP | LPC2365 [LQFP100]          | (914)        |
| NXP | LPC2366 (ISP-UART)         | (138)        |
| NXP | LPC2366 [LQFP100]          | (914)        |
| NXP | LPC2367 (ISP-UART)         | (138)        |
| NXP | LPC2367 [LQFP100]          | (914)        |
| NXP | LPC2368 (ISP-UART)         | (138)        |
| NXP | LPC2368 [LQFP100]          | (914)        |
| NXP | LPC2368 [TFBGA100]         | (1511)       |
| NXP | LPC2368 CP3267 [LQFP100]   | (914)        |
| NXP | LPC2377 (ISP-UART)         | (138)        |
| NXP | LPC2377 [LQFP144]          | (915)        |
| NXP | LPC2378 (ISP-UART)         | (138)        |
| NXP | LPC2378 [LQFP144]          | (915)        |
| NXP | LPC2387 (ISP-UART)         | (138)        |
| NXP | LPC2387 [LQFP100]          | (914)        |
| NXP | LPC2388 (ISP-UART)         | (138)        |
| NXP | LPC2388 [LQFP144]          | (915)        |
| NXP | LPC2458 (ISP-UART)         | (138)        |
| NXP | LPC2458 [TFBGA180]         | (1512)       |
| NXP | LPC2468 (ISP-UART)         | (138)        |
| NXP | LPC2468 [LQFP208]          | (1217)       |
| NXP | LPC2468 [TFBGA208]         | (1439)       |
| NXP | LPC2478 (ISP-UART)         | (138)        |
| NXP | LPC2478 [LQFP208]          | (1217)       |
| NXP | LPC2478 [TFBGA208]         | (1439)       |
| NXP | LPC3141 [TFBGA180]         | (2730)       |
| NXP | LPC3143 [TFBGA180]         | (2730)       |
| NXP | LPC4072 (ISP-SWD)          | (138) (9997) |
| NXP | LPC4072 (ISP-UART)         | (138)        |
| NXP | LPC4072 [LQFP80]           | (1330)       |
| NXP | LPC4074 (ISP-SWD)          | (138) (9997) |
| NXP | LPC4074 (ISP-UART)         | (138)        |
| NXP | LPC4074 [LQFP144]          | (2650)       |
| NXP | LPC4074 [LQFP80]           | (1330)       |
| NXP | LPC4076 (ISP-SWD)          | (138) (9997) |
| NXP | LPC4076 (ISP-UART)         | (138)        |
| NXP | LPC4076 [LQFP144]          | (2650)       |
| NXP | LPC4076 [TFBGA180]         | (1512)       |
| NXP | LPC4078 (ISP-SWD)          | (138) (9997) |
| NXP | LPC4078 (ISP-UART)         | (138)        |
| NXP | LPC4078 [LQFP100]          | (3320)       |
| NXP | LPC4078 [LQFP144]          | (2650)       |

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| NXP | LPC4078      | [LQFP208]          | (1217)       |
| NXP | LPC4078      | [LQFP80]           | (1330)       |
| NXP | LPC4078      | [TFBGA180]         | (1512)       |
| NXP | LPC4078      | [TFBGA208]         | (1439)       |
| NXP | LPC4088      | (ISP-SWD)          | (138) (9997) |
| NXP | LPC4088      | (ISP-UART)         | (138)        |
| NXP | LPC4088      | [LQFP144]          | (2650)       |
| NXP | LPC4088      | [LQFP208]          | (1217)       |
| NXP | LPC4088      | [TFBGA180]         | (1512)       |
| NXP | LPC4088      | [TFBGA208]         | (1439)       |
| NXP | LPC4312      | [LQFP144]          | (3317)       |
| NXP | LPC4312      | [TFBGA100]         | (3112)       |
| NXP | LPC4313      | [LQFP144]          | (3317)       |
| NXP | LPC4313      | [TFBGA100]         | (3112)       |
| NXP | LPC4315      | [LQFP144]          | (3317)       |
| NXP | LPC4315      | [TFBGA100]         | (3112)       |
| NXP | LPC4317      | [LQFP144]          | (3317)       |
| NXP | LPC4317      | [TFBGA100]         | (3112)       |
| NXP | LPC4322      | [LQFP144]          | (3317)       |
| NXP | LPC4322      | [TFBGA100]         | (3112)       |
| NXP | LPC4323      | [LQFP144]          | (3317)       |
| NXP | LPC4323      | [TFBGA100]         | (3112)       |
| NXP | LPC4325      | [LQFP144]          | (3317)       |
| NXP | LPC4325      | [TFBGA100]         | (3112)       |
| NXP | LPC4327      | [LQFP144]          | (3317)       |
| NXP | LPC4327      | [TFBGA100]         | (3112)       |
| NXP | LPC4333      | [LBGA256]          | (2982)       |
| NXP | LPC4333      | [LQFP144]          | (3317)       |
| NXP | LPC4333      | [TFBGA100]         | (3112)       |
| NXP | LPC4337      | [LBGA256]          | (2982)       |
| NXP | LPC4337      | [LQFP144]          | (3317)       |
| NXP | LPC4337      | [TFBGA100]         | (3112)       |
| NXP | LPC4353      | [LBGA256]          | (2982)       |
| NXP | LPC4353      | [LQFP208]          | (3460)       |
| NXP | LPC4353      | [TFBGA100]         | (3112)       |
| NXP | LPC4357      | [LBGA256]          | (2982)       |
| NXP | LPC4357      | [LQFP208]          | (3460)       |
| NXP | LPC4357      | [TFBGA100]         | (3112)       |
| NXP | LPC4357      | [LQFP144]          | (3317)       |
| NXP | LPC4357      | [TFBGA100]         | (3112)       |
| NXP | LPC4357      | [LBGA256]          | (2982)       |
| NXP | LPC4357      | [LQFP208]          | (3460)       |
| NXP | LPC54101J256 | [LQFP64]           | (4916)       |
| NXP | LPC54101J512 | [LQFP64]           | (4916)       |
| NXP | LPC54102J256 | [LQFP64]           | (4916)       |
| NXP | LPC54102J512 | [LQFP64]           | (4916)       |
| NXP | LPC54113J128 | [LQFP64]           | (4916)       |
| NXP | LPC54113J256 | [LQFP64]           | (4916)       |
| NXP | LPC54114J256 | [LQFP64]           | (4916)       |
| NXP | LPC54605J256 | [LQFP100]          | (4786)       |
| NXP | LPC54605J512 | [LQFP100]          | (4786)       |
| NXP | LPC54606J256 | [LQFP100]          | (4786)       |
| NXP | LPC54606J512 | [LQFP100]          | (4786)       |
| NXP | LPC54606J512 | [LQFP208]          | (4840)       |
| NXP | LPC54607J256 | [LQFP208]          | (4840)       |
| NXP | LPC54608J512 | [LQFP208]          | (4840)       |
| NXP | LPC54616J512 | [LQFP100]          | (4786)       |
| NXP | LPC54616J512 | [LQFP208]          | (4840)       |
| NXP | LPC54618J512 | [LQFP208]          | (4840)       |
| NXP | LPC802M001   | (ISP-UART)         | (138) (9997) |
| NXP | LPC802M001   | [HVQFN33]          | (1294)       |
| NXP | LPC802M001   | [TSSOP16]          | (1088)       |
| NXP | LPC802M001   | [TSSOP20]          | (1089)       |
| NXP | LPC802M011   | (ISP-UART)         | (138) (9997) |
| NXP | LPC802M011   | [TSSOP20]          | (1089)       |
| NXP | LPC804M101   | (ISP-UART)         | (138) (9997) |
| NXP | LPC804M101   | [HVQFN33]          | (1294)       |
| NXP | LPC804M101   | [TSSOP20]          | (1089)       |
| NXP | LPC804M101   | [TSSOP24]          | (1090)       |
| NXP | LPC804M111   | (ISP-UART)         | (138) (9997) |
| NXP | LPC804M111   | [TSSOP24]          | (1090)       |
| NXP | LPC810M021   |                    |              |
| NXP | LPC810M021   | new rev (ISP-UART) | (138) (9997) |
| NXP | LPC810M021   | old rev (ISP-UART) | (138) (9997) |
| NXP | LPC811M001   | [TSSOP16]          | (1088)       |
| NXP | LPC811M001   | new rev (ISP-UART) | (138) (9997) |
| NXP | LPC811M001   | old rev (ISP-UART) | (138) (9997) |
| NXP | LPC812M101   | [SO20]             | (119)        |
| NXP | LPC812M101   | [TSSOP16]          | (1088)       |
| NXP | LPC812M101   | [TSSOP20]          | (1089)       |
| NXP | LPC812M101   | new rev (ISP-UART) | (138) (9997) |
| NXP | LPC812M101   | old rev (ISP-UART) | (138) (9997) |
| NXP | LPC822M101   | (ISP-UART)         | (138) (9997) |
| NXP | LPC822M101   | [HVQFN33]          | (1294)       |
| NXP | LPC822M101   | [TSSOP20]          | (1089)       |
| NXP | LPC824M201   | (ISP-UART)         | (138) (9997) |
| NXP | LPC824M201   | [HVQFN33]          | (1294)       |
| NXP | LPC824M201   | [TSSOP20]          | (1089)       |
| NXP | LPC832M101   | (ISP-UART)         | (138) (9997) |
| NXP | LPC832M101   | [TSSOP20]          | (1089)       |
| NXP | LPC834M101   | (ISP-UART)         | (138) (9997) |
| NXP | LPC834M101   | [HVQFN33]          | (1294)       |
| NXP | LPC844M201   | (ISP-UART)         | (138) (9997) |
| NXP | LPC844M201   | [HVQFN33]          | (1294)       |
| NXP | LPC844M201   | [HVQFN48]          | (567)        |
| NXP | LPC844M201   | [LQFP48]           | (174)        |
| NXP | LPC845M301   | (ISP-UART)         | (138) (9997) |
| NXP | LPC845M301   | [HVQFN33]          | (1294)       |
| NXP | LPC845M301   | [HVQFN48]          | (567)        |
| NXP | LPC845M301   | [LQFP48]           | (174)        |
| NXP | LPC8N04      | [HVQFN24]          | (731)        |
| NXP | MC13211      | (ISP)              | (138)        |
| NXP | MC13212      | (ISP)              | (138)        |
| NXP | MC13213      | (ISP)              | (138)        |
| NXP | MC56F8002    | (ISP)              | (138) (9997) |
| NXP | MC56F8002    | [SOIC28]           | (51)         |
| NXP | MC56F8006    | (ISP)              | (138)        |
| NXP | MC56F8006    | [LQFP32]           | (159)        |
| NXP | MC56F8006    | [LQFP48]           | (174)        |
| NXP | MC56F8006    | [SOIC28]           | (51)         |
| NXP | MC56F8011    | (ISP)              | (138) (9997) |
| NXP | MC56F8011    | [LQFP32]           | (159)        |
| NXP | MC56F8013    | (ISP)              | (138)        |
| NXP | MC56F8013    | [LQFP32]           | (159)        |
| NXP | MC56F8014    | (ISP)              | (138)        |
| NXP | MC56F8014    | [LQFP32]           | (159)        |
| NXP | MC56F8023    | (ISP)              | (138)        |
| NXP | MC56F8023    | [LQFP32]           | (159)        |
| NXP | MC56F8025    | (ISP)              | (138)        |
| NXP | MC56F8025    | [LQFP44]           | (94)         |
| NXP | MC56F8027    | (ISP)              | (138) (9997) |
| NXP | MC56F8027    | [LQFP64]           | (3452)       |
| NXP | MC56F8035    | (ISP)              | (138) (9997) |
| NXP | MC56F8035    | [LQFP44]           | (94)         |
| NXP | MC56F8036    | (ISP)              | (138) (9997) |
| NXP | MC56F8036    | [LQFP48]           | (174)        |
| NXP | MC56F8037    | (ISP)              | (138) (9997) |
| NXP | MC56F8037    | [LQFP64]           | (3452)       |

|     |                          |           |              |
|-----|--------------------------|-----------|--------------|
| NXP | MC56F8122                | (ISP)     | (138) (9997) |
| NXP | MC56F8122                | [LQFP48]  | (174)        |
| NXP | MC56F8135                | (ISP)     | (138) (9997) |
| NXP | MC56F8135                | [LQFP128] | (1029)       |
| NXP | MC56F8145                | (ISP)     | (138) (9997) |
| NXP | MC56F8145                | [LQFP128] | (1029)       |
| NXP | MC56F8146                | (ISP)     | (138) (9997) |
| NXP | MC56F8146                | [LQFP144] | (1045)       |
| NXP | MC56F8147                | (ISP)     | (138) (9997) |
| NXP | MC56F8147                | [LQFP160] | (1046)       |
| NXP | MC56F8155                | (ISP)     | (138) (9997) |
| NXP | MC56F8155                | [LQFP128] | (1029)       |
| NXP | MC56F8156                | (ISP)     | (138) (9997) |
| NXP | MC56F8156                | [LQFP144] | (1045)       |
| NXP | MC56F8157                | (ISP)     | (138) (9997) |
| NXP | MC56F8157                | [LQFP160] | (1046)       |
| NXP | MC56F8165                | (ISP)     | (138) (9997) |
| NXP | MC56F8165                | [LQFP128] | (1029)       |
| NXP | MC56F8166                | (ISP)     | (138) (9997) |
| NXP | MC56F8166                | [LQFP144] | (1045)       |
| NXP | MC56F8167                | (ISP)     | (138) (9997) |
| NXP | MC56F8167                | [LQFP160] | (1046)       |
| NXP | MC56F8245                | (ISP)     | (138) (9997) |
| NXP | MC56F8245                | [LQFP44]  | (94)         |
| NXP | MC56F8246                | (ISP)     | (138) (9997) |
| NXP | MC56F8246                | [LQFP48]  | (174)        |
| NXP | MC56F8247                | [LQFP64]  | (3494)       |
| NXP | MC56F8255                | (ISP)     | (138) (9997) |
| NXP | MC56F8255                | [LQFP44]  | (94)         |
| NXP | MC56F8256                | (ISP)     | (138) (9997) |
| NXP | MC56F8256                | [LQFP48]  | (174)        |
| NXP | MC56F8257                | [LQFP64]  | (3494)       |
| NXP | MC56F82723               | [LQFP32]  | (3567)       |
| NXP | MC56F82723               | [QFN32]   | (4236)       |
| NXP | MC56F82726               | [LQFP48]  | (4314)       |
| NXP | MC56F82733               | [LQFP32]  | (3567)       |
| NXP | MC56F82733               | [QFN32]   | (4236)       |
| NXP | MC56F82736               | [LQFP48]  | (4314)       |
| NXP | MC56F82743               | [LQFP32]  | (3567)       |
| NXP | MC56F82743               | [QFN32]   | (4236)       |
| NXP | MC56F82746               | [LQFP48]  | (4314)       |
| NXP | MC56F82748               | [LQFP64]  | (3722)       |
| NXP | MC56F8322                | (ISP)     | (138) (9997) |
| NXP | MC56F8322                | [LQFP48]  | (174)        |
| NXP | MC56F8335                | (ISP)     | (138) (9997) |
| NXP | MC56F8335                | [LQFP128] | (1029)       |
| NXP | MC56F8345                | (ISP)     | (138) (9997) |
| NXP | MC56F8345                | [LQFP128] | (1029)       |
| NXP | MC56F8346                | (ISP)     | (138) (9997) |
| NXP | MC56F8346                | [LQFP144] | (1045)       |
| NXP | MC56F8347                | (ISP)     | (138) (9997) |
| NXP | MC56F8347                | [LQFP160] | (1046)       |
| NXP | MC56F8355                | (ISP)     | (138) (9997) |
| NXP | MC56F8355                | [LQFP128] | (1029)       |
| NXP | MC56F8356                | (ISP)     | (138) (9997) |
| NXP | MC56F8356                | [LQFP144] | (1045)       |
| NXP | MC56F8357                | (ISP)     | (138) (9997) |
| NXP | MC56F8357                | [LQFP160] | (1046)       |
| NXP | MC56F8365                | (ISP)     | (138) (9997) |
| NXP | MC56F8365                | [LQFP128] | (1029)       |
| NXP | MC56F8366                | (ISP)     | (138) (9997) |
| NXP | MC56F8366                | [LQFP144] | (1045)       |
| NXP | MC56F8367                | (ISP)     | (138) (9997) |
| NXP | MC56F8367                | [LQFP160] | (1046)       |
| NXP | MC56F84442               | [LQFP64]  | (3722)       |
| NXP | MC56F84565               | [LQFP80]  | (3723)       |
| NXP | MC56F84567               | [LQFP100] | (3417)       |
| NXP | MC56F84587               | [LQFP100] | (3417)       |
| NXP | MC56F84763               | [LQFP64]  | (3722)       |
| NXP | MC56F84766               | [LQFP80]  | (3723)       |
| NXP | MC56F84769               | [LQFP100] | (3417)       |
| NXP | MC56F84786               | [LQFP80]  | (3723)       |
| NXP | MC56F84789               | [LQFP100] | (3417)       |
| NXP | MC68HC11PH8xxx4 [PLCC84] |           | (1116)       |
| NXP | MC9S08RN32               | [LQFP32]  | (4239)       |
| NXP | MC9S12A128               | (ISP)     | (138)        |
| NXP | MC9S12A128               | [LQFP112] | (699)        |
| NXP | MC9S12A128               | [QFP80]   | (698)        |
| NXP | MC9S12A128B              | (ISP)     | (138)        |
| NXP | MC9S12A128B              | [LQFP112] | (699)        |
| NXP | MC9S12A128B              | [QFP80]   | (698)        |
| NXP | MC9S12A128C              | (ISP)     | (138)        |
| NXP | MC9S12A128C              | [LQFP112] | (699)        |
| NXP | MC9S12A128C              | [QFP80]   | (698)        |
| NXP | MC9S12A256               | (ISP)     | (138)        |
| NXP | MC9S12A256               | [LQFP112] | (699)        |
| NXP | MC9S12A256               | [QFP80]   | (698)        |
| NXP | MC9S12A256B              | (ISP)     | (138)        |
| NXP | MC9S12A256B              | [LQFP112] | (699)        |
| NXP | MC9S12A256B              | [QFP80]   | (698)        |
| NXP | MC9S12A256C              | (ISP)     | (138) (9997) |
| NXP | MC9S12A256C              | [LQFP112] | (699)        |
| NXP | MC9S12A256C              | [QFP80]   | (698)        |
| NXP | MC9S12A32                | (ISP)     | (138)        |
| NXP | MC9S12A32                | [QFP80]   | (698)        |
| NXP | MC9S12A512               | (ISP)     | (138)        |
| NXP | MC9S12A512               | [LQFP112] | (699)        |
| NXP | MC9S12A64                | (ISP)     | (138)        |
| NXP | MC9S12A64                | [LQFP112] | (699)        |
| NXP | MC9S12A64                | [QFP80]   | (698)        |
| NXP | MC9S12B128               | (ISP)     | (138)        |
| NXP | MC9S12B128               | [LQFP112] | (699)        |
| NXP | MC9S12B128               | [QFP80]   | (698)        |
| NXP | MC9S12B64                | (ISP)     | (138)        |
| NXP | MC9S12B64                | [LQFP112] | (699)        |
| NXP | MC9S12B64                | [QFP80]   | (698)        |
| NXP | MC9S12B96                | (ISP)     | (138)        |
| NXP | MC9S12B96                | [QFP80]   | (698)        |
| NXP | MC9S12C128               | (ISP)     | (138)        |
| NXP | MC9S12C128               | [LQFP48]  | (174)        |
| NXP | MC9S12C128               | [LQFP52]  | (801)        |
| NXP | MC9S12C128               | [QFP80]   | (698)        |
| NXP | MC9S12C128C              | (ISP)     | (138) (9997) |
| NXP | MC9S12C128C              | [LQFP48]  | (174)        |
| NXP | MC9S12C128C              | [QFP80]   | (698)        |
| NXP | MC9S12C32                | (ISP)     | (138)        |
| NXP | MC9S12C32                | [LQFP48]  | (174)        |
| NXP | MC9S12C32                | [LQFP52]  | (801)        |
| NXP | MC9S12C32                | [QFP80]   | (698)        |
| NXP | MC9S12C32C               | (ISP)     | (138)        |
| NXP | MC9S12C32C               | [LQFP48]  | (174)        |
| NXP | MC9S12C32C               | [QFP80]   | (698)        |
| NXP | MC9S12C64                | (ISP)     | (138)        |
| NXP | MC9S12C64                | [LQFP48]  | (174)        |
| NXP | MC9S12C64                | [LQFP52]  | (801)        |
| NXP | MC9S12C64                | [QFP80]   | (698)        |
| NXP | MC9S12C96                | (ISP)     | (138)        |
| NXP | MC9S12C96                | [LQFP48]  | (174)        |

|     |              |           |              |
|-----|--------------|-----------|--------------|
| NXP | MC9S12C96    | [LQFP52]  | (801)        |
| NXP | MC9S12C96    | [QFP80]   | (698)        |
| NXP | MC9S12D32    | (ISP)     | (138)        |
| NXP | MC9S12D32    | [QFP80]   | (698)        |
| NXP | MC9S12D64    | (ISP)     | (138)        |
| NXP | MC9S12D64    | [LQFP112] | (699)        |
| NXP | MC9S12D64    | [QFP80]   | (698)        |
| NXP | MC9S12DB128  | (ISP)     | (138) (9997) |
| NXP | MC9S12DB128  | [LQFP112] | (699)        |
| NXP | MC9S12DB128  | [QFP80]   | (1081)       |
| NXP | MC9S12DB128B | (ISP)     | (138) (9997) |
| NXP | MC9S12DB128B | [LQFP112] | (699)        |
| NXP | MC9S12DB128B | [QFP80]   | (1081)       |
| NXP | MC9S12DG128  | (ISP)     | (138)        |
| NXP | MC9S12DG128  | [LQFP112] | (699)        |
| NXP | MC9S12DG128  | [QFP80]   | (698)        |
| NXP | MC9S12DG128A | [LQFP112] | (699)        |
| NXP | MC9S12DG128A | [QFP80]   | (698)        |
| NXP | MC9S12DG128B | (ISP)     | (138)        |
| NXP | MC9S12DG128B | [LQFP112] | (699)        |
| NXP | MC9S12DG128B | [QFP80]   | (698)        |
| NXP | MC9S12DG128C | (ISP)     | (138) (9997) |
| NXP | MC9S12DG128C | [LQFP112] | (699)        |
| NXP | MC9S12DG128C | [QFP80]   | (698)        |
| NXP | MC9S12DG128E | (ISP)     | (138)        |
| NXP | MC9S12DG128E | [LQFP112] | (699)        |
| NXP | MC9S12DG128E | [QFP80]   | (698)        |
| NXP | MC9S12DG256  | (ISP)     | (138)        |
| NXP | MC9S12DG256  | [LQFP112] | (699)        |
| NXP | MC9S12DG256  | [QFP80]   | (698)        |
| NXP | MC9S12DG256B | (ISP)     | (138)        |
| NXP | MC9S12DG256B | [LQFP112] | (699)        |
| NXP | MC9S12DG256B | [QFP80]   | (698)        |
| NXP | MC9S12DG256C | [LQFP112] | (699)        |
| NXP | MC9S12DG256C | [QFP80]   | (698)        |
| NXP | MC9S12DJ128  | (ISP)     | (138)        |
| NXP | MC9S12DJ128  | [LQFP112] | (699)        |
| NXP | MC9S12DJ128  | [QFP80]   | (698)        |
| NXP | MC9S12DJ128B | (ISP)     | (138)        |
| NXP | MC9S12DJ128B | [LQFP112] | (699)        |
| NXP | MC9S12DJ128B | [QFP80]   | (698)        |
| NXP | MC9S12DJ128E | (ISP)     | (138) (9997) |
| NXP | MC9S12DJ128E | [LQFP112] | (699)        |
| NXP | MC9S12DJ128E | [QFP80]   | (698)        |
| NXP | MC9S12DJ256  | (ISP)     | (138)        |
| NXP | MC9S12DJ256  | [LQFP112] | (699)        |
| NXP | MC9S12DJ256  | [QFP80]   | (698)        |
| NXP | MC9S12DJ256B | (ISP)     | (138)        |
| NXP | MC9S12DJ256B | [LQFP112] | (699)        |
| NXP | MC9S12DJ256B | [QFP80]   | (698)        |
| NXP | MC9S12DJ256C | (ISP)     | (138) (9997) |
| NXP | MC9S12DJ256C | [LQFP112] | (699)        |
| NXP | MC9S12DJ256C | [QFP80]   | (698)        |
| NXP | MC9S12DJ64   | (ISP)     | (138)        |
| NXP | MC9S12DJ64   | [LQFP112] | (699)        |
| NXP | MC9S12DJ64   | [QFP80]   | (698)        |
| NXP | MC9S12DP256B | (ISP)     | (138)        |
| NXP | MC9S12DP256B | [LQFP112] | (699)        |
| NXP | MC9S12DP256C | (ISP)     | (138)        |
| NXP | MC9S12DP256C | [LQFP112] | (699)        |
| NXP | MC9S12DP512  | (ISP)     | (138)        |
| NXP | MC9S12DP512  | [LQFP112] | (699)        |
| NXP | MC9S12DT128  | (ISP)     | (138) (9997) |
| NXP | MC9S12DT128  | [LQFP112] | (699)        |
| NXP | MC9S12DT128  | [QFP80]   | (698)        |
| NXP | MC9S12DT128B | (ISP)     | (138) (9997) |
| NXP | MC9S12DT128B | [LQFP112] | (699)        |
| NXP | MC9S12DT128C | (ISP)     | (138) (9997) |
| NXP | MC9S12DT128C | [LQFP112] | (699)        |
| NXP | MC9S12DT128E | (ISP)     | (138) (9997) |
| NXP | MC9S12DT128E | [LQFP112] | (699)        |
| NXP | MC9S12DT256  | (ISP)     | (138)        |
| NXP | MC9S12DT256  | [LQFP112] | (699)        |
| NXP | MC9S12DT256  | [QFP80]   | (698)        |
| NXP | MC9S12DT256B | (ISP)     | (138) (9997) |
| NXP | MC9S12DT256B | [LQFP112] | (699)        |
| NXP | MC9S12DT256C | (ISP)     | (138) (9997) |
| NXP | MC9S12DT256C | [LQFP112] | (699)        |
| NXP | MC9S12DT512  | (ISP)     | (138)        |
| NXP | MC9S12DT512  | [LQFP112] | (699)        |
| NXP | MC9S12E128   | (ISP)     | (138)        |
| NXP | MC9S12E128   | [LQFP112] | (678)        |
| NXP | MC9S12E128   | [QFP80]   | (677)        |
| NXP | MC9S12E256   | (ISP)     | (138)        |
| NXP | MC9S12E256   | [LQFP112] | (678)        |
| NXP | MC9S12E256   | [QFP80]   | (677)        |
| NXP | MC9S12E64    | (ISP)     | (138)        |
| NXP | MC9S12E64    | [LQFP112] | (678)        |
| NXP | MC9S12E64    | [QFP80]   | (677)        |
| NXP | MC9S12G128   | (ISP)     | (138)        |
| NXP | MC9S12G128   | [LQFP100] | (2945)       |
| NXP | MC9S12G128   | [LQFP48]  | (174)        |
| NXP | MC9S12G128   | [LQFP64]  | (2689)       |
| NXP | MC9S12G192   | (ISP)     | (138) (9997) |
| NXP | MC9S12G192   | [LQFP100] | (2945)       |
| NXP | MC9S12G192   | [LQFP48]  | (174)        |
| NXP | MC9S12G192   | [LQFP64]  | (2689)       |
| NXP | MC9S12G240   | (ISP)     | (138) (9997) |
| NXP | MC9S12G240   | [LQFP100] | (2945)       |
| NXP | MC9S12G240   | [LQFP48]  | (174)        |
| NXP | MC9S12G240   | [LQFP64]  | (2689)       |
| NXP | MC9S12G48    | (ISP)     | (138) (9997) |
| NXP | MC9S12G48    | [LQFP32]  | (159)        |
| NXP | MC9S12G48    | [LQFP48]  | (174)        |
| NXP | MC9S12G48    | [LQFP64]  | (2689)       |
| NXP | MC9S12G64    | (ISP)     | (138) (9997) |
| NXP | MC9S12G64    | [LQFP32]  | (159)        |
| NXP | MC9S12G64    | [LQFP48]  | (174)        |
| NXP | MC9S12G64    | [LQFP64]  | (2689)       |
| NXP | MC9S12G96    | (ISP)     | (138)        |
| NXP | MC9S12G96    | [LQFP100] | (2945)       |
| NXP | MC9S12G96    | [LQFP48]  | (174)        |
| NXP | MC9S12G96    | [LQFP64]  | (2689)       |
| NXP | MC9S12GA128  | (ISP)     | (138) (9997) |
| NXP | MC9S12GA128  | [LQFP48]  | (174)        |
| NXP | MC9S12GA192  | (ISP)     | (138) (9997) |
| NXP | MC9S12GA192  | [LQFP100] | (2945)       |
| NXP | MC9S12GA192  | [LQFP48]  | (174)        |
| NXP | MC9S12GA192  | [LQFP64]  | (2689)       |
| NXP | MC9S12GA240  | (ISP)     | (138) (9997) |
| NXP | MC9S12GA240  | [LQFP100] | (2945)       |
| NXP | MC9S12GA240  | [LQFP48]  | (174)        |
| NXP | MC9S12GA240  | [LQFP64]  | (2689)       |
| NXP | MC9S12GA48   | (ISP)     | (138) (9997) |
| NXP | MC9S12GA48   | [LQFP48]  | (174)        |
| NXP | MC9S12GA48   | [LQFP64]  | (2689)       |
| NXP | MC9S12GA64   | (ISP)     | (138) (9997) |
| NXP | MC9S12GA64   | [LQFP64]  | (2689)       |



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| NXP | MC9S12GC128  | (ISP)     | (138)        |
| NXP | MC9S12GC128  | [LQFP48]  | (174)        |
| NXP | MC9S12GC128  | [LQFP52]  | (801)        |
| NXP | MC9S12GC128  | [QFP80]   | (698)        |
| NXP | MC9S12GC128C | (ISP)     | (138) (9997) |
| NXP | MC9S12GC128C | [LQFP48]  | (174)        |
| NXP | MC9S12GC128C | [LQFP52]  | (801)        |
| NXP | MC9S12GC128C | [QFP80]   | (698)        |
| NXP | MC9S12GC16   | (ISP)     | (138)        |
| NXP | MC9S12GC16   | [LQFP48]  | (174)        |
| NXP | MC9S12GC16   | [LQFP52]  | (801)        |
| NXP | MC9S12GC16   | [QFP80]   | (698)        |
| NXP | MC9S12GC32   | (ISP)     | (138)        |
| NXP | MC9S12GC32   | [LQFP48]  | (174)        |
| NXP | MC9S12GC32   | [LQFP52]  | (801)        |
| NXP | MC9S12GC32   | [QFP80]   | (698)        |
| NXP | MC9S12GC32C  | (ISP)     | (138) (9997) |
| NXP | MC9S12GC32C  | [LQFP48]  | (174)        |
| NXP | MC9S12GC32C  | [LQFP52]  | (801)        |
| NXP | MC9S12GC32C  | [QFP80]   | (698)        |
| NXP | MC9S12GC64   | (ISP)     | (138)        |
| NXP | MC9S12GC64   | [LQFP48]  | (174)        |
| NXP | MC9S12GC64   | [LQFP52]  | (801)        |
| NXP | MC9S12GC64   | [QFP80]   | (698)        |
| NXP | MC9S12GC96   | (ISP)     | (138)        |
| NXP | MC9S12GC96   | [LQFP48]  | (174)        |
| NXP | MC9S12GC96   | [LQFP52]  | (801)        |
| NXP | MC9S12GC96   | [QFP80]   | (698)        |
| NXP | MC9S12GN16   | [LQFP32]  | (159)        |
| NXP | MC9S12GN16   | [LQFP48]  | (174)        |
| NXP | MC9S12GN16   | [TSSOP20] | (1089)       |
| NXP | MC9S12GN32   | (ISP)     | (138) (9997) |
| NXP | MC9S12GN32   | [LQFP32]  | (159)        |
| NXP | MC9S12GN32   | [LQFP48]  | (174)        |
| NXP | MC9S12GN32   | [TSSOP20] | (1089)       |
| NXP | MC9S12GN48   | (ISP)     | (138) (9997) |
| NXP | MC9S12GN48   | [LQFP32]  | (159)        |
| NXP | MC9S12GN48   | [LQFP48]  | (174)        |
| NXP | MC9S12GN48   | [LQFP64]  | (2689)       |
| NXP | MC9S12GNA16  | [LQFP48]  | (174)        |
| NXP | MC9S12GNA32  | [LQFP48]  | (174)        |
| NXP | MC9S12H128   | (ISP)     | (138)        |
| NXP | MC9S12H128   | [LQFP112] | (932)        |
| NXP | MC9S12H128   | [LQFP144] | (1327)       |
| NXP | MC9S12H256   | (ISP)     | (138)        |
| NXP | MC9S12H256   | [LQFP112] | (932)        |
| NXP | MC9S12H256   | [LQFP144] | (1327)       |
| NXP | MC9S12HA32   | [LQFP100] | (2618)       |
| NXP | MC9S12HA32   | [LQFP64]  | (2689)       |
| NXP | MC9S12HA48   | [LQFP100] | (2618)       |
| NXP | MC9S12HY32   | [LQFP100] | (2618)       |
| NXP | MC9S12HY32   | [LQFP64]  | (2689)       |
| NXP | MC9S12HY48   | [LQFP100] | (2618)       |
| NXP | MC9S12HY64   | (ISP)     | (138) (9997) |
| NXP | MC9S12HY64   | [LQFP100] | (2618)       |
| NXP | MC9S12HY64   | [LQFP64]  | (2689)       |
| NXP | MC9S12HZ128  | (ISP)     | (138)        |
| NXP | MC9S12HZ128  | [LQFP112] | (932)        |
| NXP | MC9S12HZ256  | (ISP)     | (138)        |
| NXP | MC9S12HZ256  | [LQFP112] | (932)        |
| NXP | MC9S12KG128  | [LQFP112] | (699)        |
| NXP | MC9S12KG128  | [QFP80]   | (698)        |
| NXP | MC9S12KG256  | [LQFP112] | (699)        |
| NXP | MC9S12KG256  | [QFP80]   | (698)        |
| NXP | MC9S12KT256  | [LQFP112] | (699)        |
| NXP | MC9S12KT256  | [QFP80]   | (698)        |
| NXP | MC9S12NE64   | (ISP)     | (138)        |
| NXP | MC9S12NE64   | [LQFP112] | (750)        |
| NXP | MC9S12NE64   | [TQFP80]  | (749)        |
| NXP | MC9S12P128   | [LQFP64]  | (2309)       |
| NXP | MC9S12P128   | [LQFP80]  | (698)        |
| NXP | MC9S12P128   | [QFN48]   | (567)        |
| NXP | MC9S12P32    | [LQFP64]  | (2309)       |
| NXP | MC9S12P32    | [LQFP80]  | (698)        |
| NXP | MC9S12P32    | [QFN48]   | (567)        |
| NXP | MC9S12P64    | [LQFP64]  | (2309)       |
| NXP | MC9S12P64    | [LQFP80]  | (698)        |
| NXP | MC9S12P64    | [QFN48]   | (567)        |
| NXP | MC9S12P96    | [LQFP64]  | (2309)       |
| NXP | MC9S12P96    | [LQFP80]  | (698)        |
| NXP | MC9S12P96    | [QFN48]   | (567)        |
| NXP | MC9S12Q128   | (ISP)     | (138)        |
| NXP | MC9S12Q128   | [LQFP48]  | (174)        |
| NXP | MC9S12Q128   | [LQFP52]  | (801)        |
| NXP | MC9S12Q128   | [QFP80]   | (698)        |
| NXP | MC9S12Q32    | (ISP)     | (138)        |
| NXP | MC9S12Q32    | [LQFP48]  | (174)        |
| NXP | MC9S12Q32    | [LQFP52]  | (801)        |
| NXP | MC9S12Q64    | (ISP)     | (138)        |
| NXP | MC9S12Q64    | [LQFP48]  | (174)        |
| NXP | MC9S12Q64    | [LQFP52]  | (801)        |
| NXP | MC9S12Q96    | (ISP)     | (138)        |
| NXP | MC9S12Q96    | [LQFP48]  | (174)        |
| NXP | MC9S12Q96    | [LQFP52]  | (801)        |
| NXP | MC9S12Q96    | [QFP80]   | (698)        |
| NXP | MC9S12UF32   | (ISP)     | (138)        |
| NXP | MC9S12UF32   | [LQFP100] | (954)        |
| NXP | MC9S12XA128  | (ISP)     | (138) (9997) |
| NXP | MC9S12XA128  | [LQFP112] | (699)        |
| NXP | MC9S12XA128  | [QFP80]   | (698)        |
| NXP | MC9S12XA256  | (ISP)     | (138)        |
| NXP | MC9S12XA256  | [LQFP112] | (699)        |
| NXP | MC9S12XA256  | [LQFP144] | (827)        |
| NXP | MC9S12XA256  | [QFP80]   | (698)        |
| NXP | MC9S12XA512  | (ISP)     | (138)        |
| NXP | MC9S12XA512  | [LQFP112] | (699)        |
| NXP | MC9S12XA512  | [LQFP144] | (827)        |
| NXP | MC9S12XA512  | [QFP80]   | (698)        |
| NXP | MC9S12XB128  | [LQFP112] | (699)        |
| NXP | MC9S12XB128  | [QFP80]   | (698)        |
| NXP | MC9S12XB256  | [LQFP112] | (699)        |
| NXP | MC9S12XB256  | [QFP80]   | (698)        |
| NXP | MC9S12XD128  | (ISP)     | (138) (9997) |
| NXP | MC9S12XD128  | [LQFP112] | (699)        |
| NXP | MC9S12XD128  | [QFP80]   | (698)        |
| NXP | MC9S12XD256  | (ISP)     | (138) (9997) |
| NXP | MC9S12XD256  | [LQFP112] | (699)        |
| NXP | MC9S12XD256  | [LQFP144] | (827)        |
| NXP | MC9S12XD256  | [QFP80]   | (698)        |
| NXP | MC9S12XD64   | [QFP80]   | (698)        |
| NXP | MC9S12XDG128 | (ISP)     | (138)        |
| NXP | MC9S12XDG128 | [LQFP112] | (699)        |
| NXP | MC9S12XDG128 | [QFP80]   | (698)        |
| NXP | MC9S12XDP512 | (ISP)     | (138)        |
| NXP | MC9S12XDP512 | [LQFP112] | (699)        |
| NXP | MC9S12XDP512 | [LQFP144] | (827)        |
| NXP | MC9S12XDP512 | [QFP80]   | (698)        |
| NXP | MC9S12XDQ256 | (ISP)     | (138)        |

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| NXP | MC9S12XDQ256 | [LQFP112] | (699)        |
| NXP | MC9S12XDQ256 | [LQFP144] | (827)        |
| NXP | MC9S12XDQ256 | [QFP80]   | (698)        |
| NXP | MC9S12XDT256 | (ISP)     | (138)        |
| NXP | MC9S12XDT256 | [LQFP112] | (699)        |
| NXP | MC9S12XDT256 | [LQFP144] | (827)        |
| NXP | MC9S12XDT256 | [QFP80]   | (698)        |
| NXP | MC9S12XDT384 | (ISP)     | (138)        |
| NXP | MC9S12XDT384 | [LQFP112] | (699)        |
| NXP | MC9S12XDT384 | [LQFP144] | (827)        |
| NXP | MC9S12XDT384 | [QFP80]   | (698)        |
| NXP | MC9S12XDT512 | (ISP)     | (138)        |
| NXP | MC9S12XDT512 | [LQFP112] | (699)        |
| NXP | MC9S12XDT512 | [LQFP144] | (827)        |
| NXP | MC9S12XDT512 | [QFP80]   | (698)        |
| NXP | MC9S12XEG128 | (ISP)     | (138)        |
| NXP | MC9S12XEG128 | [LQFP112] | (699)        |
| NXP | MC9S12XEG128 | [QFP80]   | (698)        |
| NXP | MC9S12XEG384 | [LQFP144] | (827)        |
| NXP | MC9S12XEG384 | [QFP80]   | (698)        |
| NXP | MC9S12XEP100 | (ISP)     | (138) (9997) |
| NXP | MC9S12XEP100 | [LQFP112] | (699)        |
| NXP | MC9S12XEP100 | [LQFP144] | (827)        |
| NXP | MC9S12XEP768 | [LQFP112] | (699)        |
| NXP | MC9S12XEP768 | [LQFP144] | (827)        |
| NXP | MC9S12XEQ384 | (ISP)     | (138)        |
| NXP | MC9S12XEQ384 | [LQFP112] | (699)        |
| NXP | MC9S12XEQ384 | [LQFP144] | (827)        |
| NXP | MC9S12XEQ384 | [QFP80]   | (698)        |
| NXP | MC9S12XEQ512 | (ISP)     | (138) (9997) |
| NXP | MC9S12XEQ512 | [LQFP112] | (699)        |
| NXP | MC9S12XEQ512 | [LQFP144] | (827)        |
| NXP | MC9S12XEQ512 | [QFP80]   | (698)        |
| NXP | MC9S12XET256 | (ISP)     | (138)        |
| NXP | MC9S12XET256 | [LQFP112] | (699)        |
| NXP | MC9S12XET256 | [LQFP144] | (827)        |
| NXP | MC9S12XET256 | [QFP80]   | (698)        |
| NXP | MC9S12XHY128 | (ISP)     | (138) (9997) |
| NXP | MC9S12XHY128 | [LQFP112] | (2879)       |
| NXP | MC9S12XHY256 | (ISP)     | (138) (9997) |
| NXP | MC9S12XHY256 | [LQFP112] | (2879)       |
| NXP | MC9S12XHZ256 | [LQFP112] | (932)        |
| NXP | MC9S12XHZ256 | [LQFP144] | (1327)       |
| NXP | MC9S12XHZ384 | (ISP)     | (138)        |
| NXP | MC9S12XHZ384 | [LQFP112] | (932)        |
| NXP | MC9S12XHZ384 | [LQFP144] | (1327)       |
| NXP | MC9S12XHZ512 | (ISP)     | (138)        |
| NXP | MC9S12XHZ512 | [LQFP112] | (932)        |
| NXP | MC9S12XHZ512 | [LQFP144] | (1327)       |
| NXP | MC9S12XS128  | (ISP)     | (138) (9997) |
| NXP | MC9S12XS128  | [LQFP112] | (699)        |
| NXP | MC9S12XS128  | [LQFP64]  | (2309)       |
| NXP | MC9S12XS128  | [QFP80]   | (698)        |
| NXP | MC9S12XS256  | (ISP)     | (138) (9997) |
| NXP | MC9S12XS256  | [LQFP112] | (699)        |
| NXP | MC9S12XS256  | [LQFP64]  | (2309)       |
| NXP | MC9S12XS256  | [QFP80]   | (698)        |
| NXP | MC9S12XS64   | (ISP)     | (138) (9997) |
| NXP | MC9S12XS64   | [LQFP112] | (699)        |
| NXP | MC9S12XS64   | [LQFP64]  | (2309)       |
| NXP | MC9S12XS64   | [QFP80]   | (698)        |
| NXP | MC9S12ZVL12  | [LQFP32]  | (4041)       |
| NXP | MC9S12ZVL12  | [LQFP48]  | (4016)       |
| NXP | MC9S12ZVL16  | [LQFP32]  | (4041)       |
| NXP | MC9S12ZVL16  | [LQFP48]  | (4016)       |
| NXP | MC9S12ZVL32  | (ISP)     | (138) (9997) |
| NXP | MC9S12ZVL32  | [LQFP32]  | (4041)       |
| NXP | MC9S12ZVL32  | [LQFP48]  | (4016)       |
| NXP | MC9S12ZVL64  | [LQFP32]  | (4041)       |
| NXP | MC9S12ZVL64  | [LQFP48]  | (4016)       |
| NXP | MC9S12ZVL8   | [LQFP32]  | (4041)       |
| NXP | MC9S12ZVL8   | [LQFP48]  | (4016)       |
| NXP | MC9S12ZVL96  | [LQFP32]  | (4041)       |
| NXP | MC9S12ZVL96  | [LQFP48]  | (4016)       |
| NXP | MC9S12ZVLA12 | [LQFP32]  | (4041)       |
| NXP | MC9S12ZVLA12 | [LQFP48]  | (4016)       |
| NXP | MC9S12ZVLA64 | [LQFP48]  | (4016)       |
| NXP | MC9S12ZVLA96 | [LQFP32]  | (4041)       |
| NXP | MC9S12ZVLA96 | [LQFP48]  | (4016)       |
| NXP | MC9S12ZVLS16 | [QFN32]   | (4089)       |
| NXP | MC9S12ZVLS32 | [QFN32]   | (4089)       |
| NXP | MC9S12ZVMC12 | [LQFP64]  | (3102)       |
| NXP | MC9S12ZVMC64 | [LQFP64]  | (3102)       |
| NXP | MC9S12ZVML12 | [LQFP64]  | (3102)       |
| NXP | MC9S12ZVML32 | [LQFP64]  | (3102)       |
| NXP | MC9S12ZVML64 | [LQFP64]  | (3102)       |
| NXP | MCF51AC128A  | [LQFP64]  | (799)        |
| NXP | MCF51AC128A  | [LQFP80]  | (1101)       |
| NXP | MCF51AC128A  | [QFP64]   | (800)        |
| NXP | MCF51AC128C  | [LQFP64]  | (799)        |
| NXP | MCF51AC128C  | [LQFP80]  | (1101)       |
| NXP | MCF51AC128C  | [QFP64]   | (800)        |
| NXP | MCF51AC256A  | [LQFP64]  | (799)        |
| NXP | MCF51AC256A  | [LQFP80]  | (1101)       |
| NXP | MCF51AC256A  | [QFP64]   | (800)        |
| NXP | MCF51AC256B  | [LQFP64]  | (799)        |
| NXP | MCF51AC256B  | [LQFP80]  | (1101)       |
| NXP | MCF51AC256B  | [QFP64]   | (800)        |
| NXP | MCF51AG128   | [LQFP48]  | (174)        |
| NXP | MCF51AG128   | [LQFP64]  | (799)        |
| NXP | MCF51AG128   | [LQFP80]  | (1528)       |
| NXP | MCF51AG128   | [QFP64]   | (800)        |
| NXP | MCF51AG96    | [LQFP48]  | (174)        |
| NXP | MCF51AG96    | [LQFP64]  | (799)        |
| NXP | MCF51AG96    | [QFP64]   | (800)        |
| NXP | MCF51CN128   | [LQFP80]  | (1101)       |
| NXP | MCF51CN128   | [QFN48]   | (567)        |
| NXP | MCF51EM128   | [LQFP100] | (2280)       |
| NXP | MCF51EM256   | [LQFP100] | (2280)       |
| NXP | MCF51JE256   | (ISP)     | (138) (9997) |
| NXP | MCF51JE256   | [LQFP100] | (2280)       |
| NXP | MCF51JM128   | (ISP)     | (138) (9997) |
| NXP | MCF51JM128   | [LQFP44]  | (94)         |
| NXP | MCF51JM128   | [LQFP64]  | (799)        |
| NXP | MCF51JM128   | [LQFP80]  | (1101)       |
| NXP | MCF51JM128   | [QFP64]   | (800)        |
| NXP | MCF51JM128E  | (ISP)     | (138) (9997) |
| NXP | MCF51JM128E  | [LQFP44]  | (94)         |
| NXP | MCF51JM128E  | [LQFP64]  | (799)        |
| NXP | MCF51JM128E  | [LQFP80]  | (1101)       |
| NXP | MCF51JM128E  | [QFP64]   | (800)        |
| NXP | MCF51JM32    | [LQFP44]  | (94)         |
| NXP | MCF51JM32    | [LQFP64]  | (799)        |
| NXP | MCF51JM32    | [LQFP80]  | (1101)       |
| NXP | MCF51JM32    | [QFP64]   | (800)        |
| NXP | MCF51JM32E   | [LQFP44]  | (94)         |
| NXP | MCF51JM32E   | [LQFP64]  | (799)        |
| NXP | MCF51JM32E   | [LQFP80]  | (1101)       |

|     |                              |              |
|-----|------------------------------|--------------|
| NXP | MCF51JM32E [QFP64]           | (800)        |
| NXP | MCF51JM64 (ISP)              | (138) (9997) |
| NXP | MCF51JM64 [LQFP44]           | (94)         |
| NXP | MCF51JM64 [LQFP64]           | (799)        |
| NXP | MCF51JM64 [LQFP80]           | (1101)       |
| NXP | MCF51JM64 [QFP64]            | (800)        |
| NXP | MCF51JM64E (ISP)             | (138) (9997) |
| NXP | MCF51JM64E [LQFP44]          | (94)         |
| NXP | MCF51JM64E [LQFP64]          | (799)        |
| NXP | MCF51JM64E [LQFP80]          | (1101)       |
| NXP | MCF51JM64E [QFP64]           | (800)        |
| NXP | MCF51JU128 [LQFP64]          | (4135)       |
| NXP | MCF51MM256 [LQFP100]         | (2280)       |
| NXP | MCF51QE128 [LQFP64]          | (1100)       |
| NXP | MCF51QE128 [LQFP80]          | (1101)       |
| NXP | MCF51QE32 [LQFP64]           | (1100)       |
| NXP | MCF51QE32 [LQFP80]           | (1101)       |
| NXP | MCF51QE64 [LQFP64]           | (1100)       |
| NXP | MCF51QE64 [LQFP80]           | (1101)       |
| NXP | MCF51QE96 [LQFP64]           | (1100)       |
| NXP | MCF51QE96 [LQFP80]           | (1101)       |
| NXP | MCF51QM128 [LQFP64]          | (4135)       |
| NXP | MCF51QU128 [LQFP64]          | (4135)       |
| NXP | MCH5C705C8A [QFP44]          | (108)        |
| NXP | MK10DN128 [LQFP48]           | (2921)       |
| NXP | MK10DN128 [QFN32]            | (2919)       |
| NXP | MK10DN128 [QFN48]            | (2920)       |
| NXP | MK10DN128xxx5 (ISP-EZP)      | (138) (9997) |
| NXP | MK10DN128xxx5 [LQFP64]       | (2901)       |
| NXP | MK10DN128xxx5 [MAPBGA64]     | (3107)       |
| NXP | MK10DN32 [LQFP48]            | (2921)       |
| NXP | MK10DN32 [QFN32]             | (2919)       |
| NXP | MK10DN32 [QFN48]             | (2920)       |
| NXP | MK10DN32xxx5 (ISP-EZP)       | (138) (9997) |
| NXP | MK10DN32xxx5 [LQFP64]        | (2901)       |
| NXP | MK10DN32xxx5 [MAPBGA64]      | (3107)       |
| NXP | MK10DN512 [LQFP144]          | (2803)       |
| NXP | MK10DN512xxx10 (ISP-EZP)     | (138) (9997) |
| NXP | MK10DN512xxx10 [LQFP100]     | (2878)       |
| NXP | MK10DN512xxx10 [LQFP144]     | (2803)       |
| NXP | MK10DN512xxx10 [LQFP80]      | (2902)       |
| NXP | MK10DN512xxx10 [MAPBGA121]   | (3111)       |
| NXP | MK10DN512xxx10 [MAPBGA144]   | (2947)       |
| NXP | MK10DN512Zxxx10 (ISP-EZP)    | (138) (9997) |
| NXP | MK10DN512Zxxx10 [LQFP144]    | (2803)       |
| NXP | MK10DN512Zxxx10 [LQFP80]     | (2902)       |
| NXP | MK10DN512Zxxx10 [MAPBGA121]  | (3111)       |
| NXP | MK10DN512Zxxx10 [MAPBGA144]  | (2947)       |
| NXP | MK10DN64 [LQFP48]            | (2921)       |
| NXP | MK10DN64 [QFN32]             | (2919)       |
| NXP | MK10DN64 [QFN48]             | (2920)       |
| NXP | MK10DN64xxx5 (ISP-EZP)       | (138) (9997) |
| NXP | MK10DN64xxx5 [LQFP64]        | (2901)       |
| NXP | MK10DN64xxx5 [MAPBGA64]      | (3107)       |
| NXP | MK10DX128 [LQFP48]           | (2921)       |
| NXP | MK10DX128 [QFN32]            | (2919)       |
| NXP | MK10DX128 [QFN48]            | (2920)       |
| NXP | MK10DX128xxx10 (ISP-EZP)     | (138) (9997) |
| NXP | MK10DX128xxx10 [LQFP144]     | (2803)       |
| NXP | MK10DX128xxx10 [MAPBGA144]   | (2947)       |
| NXP | MK10DX128xxx5 (ISP-EZP)      | (138) (9997) |
| NXP | MK10DX128xxx5 [LQFP48]       | (2921)       |
| NXP | MK10DX128xxx5 [LQFP64]       | (2901)       |
| NXP | MK10DX128xxx5 [MAPBGA64]     | (3107)       |
| NXP | MK10DX128xxx7 (ISP-EZP)      | (138) (9997) |
| NXP | MK10DX128xxx7 [LQFP100]      | (2878)       |
| NXP | MK10DX128xxx7 [LQFP64]       | (2901)       |
| NXP | MK10DX128xxx7 [LQFP80]       | (2902)       |
| NXP | MK10DX128xxx7 [MAPBGA121]    | (3111)       |
| NXP | MK10DX256 [LQFP144]          | (2803)       |
| NXP | MK10DX256xxx10 (ISP-EZP)     | (138) (9997) |
| NXP | MK10DX256xxx10 [LQFP144]     | (2803)       |
| NXP | MK10DX256xxx10 [MAPBGA144]   | (2947)       |
| NXP | MK10DX256xxx7 (ISP-EZP)      | (138) (9997) |
| NXP | MK10DX256xxx7 (ISP-SWD)      | (138) (9997) |
| NXP | MK10DX256xxx7 [LQFP100]      | (2878)       |
| NXP | MK10DX256xxx7 [LQFP64]       | (2901)       |
| NXP | MK10DX256xxx7 [LQFP80]       | (2902)       |
| NXP | MK10DX256xxx7 [LQFP80] (SWD) | (2902)       |
| NXP | MK10DX256xxx7 [MAPBGA121]    | (3111)       |
| NXP | MK10DX256Zxxx10 (ISP-EZP)    | (138) (9997) |
| NXP | MK10DX256Zxxx10 [LQFP144]    | (2803)       |
| NXP | MK10DX256Zxxx10 [MAPBGA144]  | (2947)       |
| NXP | MK10DX32 [QFN32]             | (2919)       |
| NXP | MK10DX32xxx5 (ISP-EZP)       | (138) (9997) |
| NXP | MK10DX32xxx5 [LQFP48]        | (2921)       |
| NXP | MK10DX32xxx5 [LQFP64]        | (2901)       |
| NXP | MK10DX32xxx5 [MAPBGA64]      | (3107)       |
| NXP | MK10DX64 [QFN32]             | (2919)       |
| NXP | MK10DX64 [QFN48]             | (2920)       |
| NXP | MK10DX64xxx5 (ISP-EZP)       | (138) (9997) |
| NXP | MK10DX64xxx5 [LQFP48]        | (2921)       |
| NXP | MK10DX64xxx5 [LQFP64]        | (2901)       |
| NXP | MK10DX64xxx5 [MAPBGA64]      | (3107)       |
| NXP | MK10DX64xxx7 (ISP-EZP)       | (138) (9997) |
| NXP | MK10DX64xxx7 [LQFP64]        | (2901)       |
| NXP | MK10DX64xxx7 [LQFP80]        | (2902)       |
| NXP | MK10DX64xxx7 [MAPBGA121]     | (3111)       |
| NXP | MK10FN1M0 [LQFP144]          | (2803)       |
| NXP | MK10FN1M0xxx12 (ISP-EZP)     | (138) (9997) |
| NXP | MK10FN1M0xxx12 [LQFP144]     | (2803)       |
| NXP | MK10FN1M0xxx12 [MAPBGA144]   | (2947)       |
| NXP | MK10FX512xxx12 (ISP-EZP)     | (138) (9997) |
| NXP | MK10FX512xxx12 [LQFP144]     | (2803)       |
| NXP | MK10FX512xxx12 [MAPBGA144]   | (2947)       |
| NXP | MK11DN512Axxx5 [LQFP80]      | (2902)       |
| NXP | MK11DN512Axxx5 [MAPBGA121]   | (3210)       |
| NXP | MK11DN512xxx5 (ISP-EZP)      | (138) (9997) |
| NXP | MK11DN512xxx5 [LQFP80]       | (2902)       |
| NXP | MK11DN512xxx5 [MAPBGA121]    | (3210)       |
| NXP | MK11DX128xxx5 (ISP-EZP)      | (138) (9997) |
| NXP | MK11DX128xxx5 [LQFP80]       | (2902)       |
| NXP | MK11DX128xxx5 [MAPBGA121]    | (3210)       |
| NXP | MK11DX256Axxx5 [LQFP80]      | (2902)       |
| NXP | MK11DX256Axxx5 [MAPBGA121]   | (3210)       |
| NXP | MK11DX256xxx5 (ISP-EZP)      | (138) (9997) |
| NXP | MK11DX256xxx5 [LQFP80]       | (2902)       |
| NXP | MK11DX256xxx5 [MAPBGA121]    | (3210)       |
| NXP | MK12DN512xxx5 (ISP-EZP)      | (138) (9997) |
| NXP | MK12DN512xxx5 [LQFP64]       | (2901)       |
| NXP | MK12DN512xxx5 [LQFP80]       | (2902)       |
| NXP | MK12DN512xxx5 [MAPBGA121]    | (3210)       |
| NXP | MK12DX128xxx5 (ISP-EZP)      | (138) (9997) |
| NXP | MK12DX128xxx5 [LQFP48]       | (2921)       |
| NXP | MK12DX128xxx5 [LQFP64]       | (2901)       |
| NXP | MK12DX128xxx5 [LQFP80]       | (2902)       |
| NXP | MK12DX128xxx5 [MAPBGA121]    | (3210)       |
| NXP | MK12DX256xxx5 (ISP-EZP)      | (138) (9997) |

|     |                                 |              |
|-----|---------------------------------|--------------|
| NXP | MK12DX256xxx5 [LQFP48]          | (2921)       |
| NXP | MK12DX256xxx5 [LQFP64]          | (2901)       |
| NXP | MK12DX256xxx5 [LQFP80]          | (2902)       |
| NXP | MK12DX256xxx5 [MAPBGA121]       | (3210)       |
| NXP | MK20DN128 [LQFP48]              | (2921)       |
| NXP | MK20DN128 [LQFP64]              | (2901)       |
| NXP | MK20DN128 [QFN32]               | (2919)       |
| NXP | MK20DN128 [QFN48]               | (2920)       |
| NXP | MK20DN128xxx5 (ISP-EZP)         | (138) (9997) |
| NXP | MK20DN128xxx5 [LQFP64]          | (2901)       |
| NXP | MK20DN128xxx5 [MAPBGA64]        | (3107)       |
| NXP | MK20DN32 [LQFP48]               | (2921)       |
| NXP | MK20DN32 [QFN32]                | (2919)       |
| NXP | MK20DN32 [QFN48]                | (2920)       |
| NXP | MK20DN32xxx5 (ISP-EZP)          | (138) (9997) |
| NXP | MK20DN32xxx5 [LQFP64]           | (2901)       |
| NXP | MK20DN32xxx5 [MAPBGA64]         | (3107)       |
| NXP | MK20DN512 [LQFP144]             | (2803)       |
| NXP | MK20DN512xxx10 (ISP-EZP)        | (138) (9997) |
| NXP | MK20DN512xxx10 [LQFP100]        | (2878)       |
| NXP | MK20DN512xxx10 [LQFP144]        | (2803)       |
| NXP | MK20DN512xxx10 [LQFP80]         | (2902)       |
| NXP | MK20DN512xxx10 [MAPBGA121]      | (3111)       |
| NXP | MK20DN512xxx10 [MAPBGA144]      | (2947)       |
| NXP | MK20DN512Zxxx10 [LQFP100]       | (2878)       |
| NXP | MK20DN512Zxxx10 [LQFP144]       | (2803)       |
| NXP | MK20DN512Zxxx10 [LQFP80]        | (2902)       |
| NXP | MK20DN512Zxxx10 [MAPBGA121]     | (3111)       |
| NXP | MK20DN512Zxxx10 [MAPBGA144]     | (2947)       |
| NXP | MK20DN64 [LQFP48]               | (2921)       |
| NXP | MK20DN64 [QFN32]                | (2919)       |
| NXP | MK20DN64 [QFN48]                | (2920)       |
| NXP | MK20DN64xxx5 (ISP-EZP)          | (138) (9997) |
| NXP | MK20DN64xxx5 [LQFP64]           | (2901)       |
| NXP | MK20DN64xxx5 [MAPBGA64]         | (3107)       |
| NXP | MK20DX128 [LQFP100]             | (2878)       |
| NXP | MK20DX128 [LQFP48]              | (2921)       |
| NXP | MK20DX128 [LQFP64]              | (2901)       |
| NXP | MK20DX128 [QFN32]               | (2919)       |
| NXP | MK20DX128 [QFN48]               | (2920)       |
| NXP | MK20DX128xxx10 (ISP-EZP)        | (138) (9997) |
| NXP | MK20DX128xxx10 [LQFP144]        | (2803)       |
| NXP | MK20DX128xxx5 (ISP-EZP)         | (138) (9997) |
| NXP | MK20DX128xxx5 [LQFP64]          | (2901)       |
| NXP | MK20DX128xxx5 [MAPBGA64]        | (3107)       |
| NXP | MK20DX128xxx7 (ISP-EZP)         | (138) (9997) |
| NXP | MK20DX128xxx7 [LQFP100]         | (2878)       |
| NXP | MK20DX128xxx7 [LQFP64]          | (2901)       |
| NXP | MK20DX128xxx7 [LQFP80]          | (2902)       |
| NXP | MK20DX128Zxxx10 [LQFP144]       | (2803)       |
| NXP | MK20DX256 [LQFP144]             | (2803)       |
| NXP | MK20DX256 [LQFP80]              | (2902)       |
| NXP | MK20DX256xxx10 (ISP-EZP)        | (138) (9997) |
| NXP | MK20DX256xxx10 [LQFP100]        | (2878)       |
| NXP | MK20DX256xxx10 [LQFP144]        | (2803)       |
| NXP | MK20DX256xxx10 [LQFP80]         | (2902)       |
| NXP | MK20DX256xxx10 [MAPBGA144]      | (2947)       |
| NXP | MK20DX256xxx7 (ISP-EZP)         | (138) (9997) |
| NXP | MK20DX256xxx7 (ISP-SWD)         | (138) (9997) |
| NXP | MK20DX256xxx7 [LQFP100]         | (2878)       |
| NXP | MK20DX256xxx7 [LQFP64]          | (2901)       |
| NXP | MK20DX256xxx7 [LQFP80]          | (2902)       |
| NXP | MK20DX256xxx7 [LQFP80] (SWD)    | (2902)       |
| NXP | MK20DX256Zxxx10 [LQFP100]       | (2878)       |
| NXP | MK20DX256Zxxx10 [LQFP144]       | (2803)       |
| NXP | MK20DX256Zxxx10 [LQFP80]        | (2902)       |
| NXP | MK20DX32 [QFN32]                | (2919)       |
| NXP | MK20DX32xxx5 (ISP-EZP)          | (138) (9997) |
| NXP | MK20DX32xxx5 [LQFP64]           | (2901)       |
| NXP | MK20DX64 [QFN32]                | (2919)       |
| NXP | MK20DX64xxx5 [LQFP64]           | (2901)       |
| NXP | MK20DX64xxx7 (ISP-EZP)          | (138) (9997) |
| NXP | MK20DX64xxx7 [LQFP64]           | (2901)       |
| NXP | MK20DX64xxx7 [LQFP80]           | (2902)       |
| NXP | MK20FN1M0 [LQFP144]             | (2803)       |
| NXP | MK20FN1M0xxx12 (ISP-EZP)        | (138) (9997) |
| NXP | MK20FN1M0xxx12 [LQFP144]        | (2803)       |
| NXP | MK20FN1M0xxx12 [MAPBGA144]      | (2947)       |
| NXP | MK20FX512xxx12 (ISP-EZP)        | (138) (9997) |
| NXP | MK20FX512xxx12 [LQFP144]        | (2803)       |
| NXP | MK21DN512Axxx5 [LQFP80]         | (2902)       |
| NXP | MK21DN512Axxx5 [MAPBGA121]      | (3210)       |
| NXP | MK21DN512xxx5 (ISP-EZP)         | (138) (9997) |
| NXP | MK21DN512xxx5 [LQFP80]          | (2902)       |
| NXP | MK21DN512xxx5 [MAPBGA121]       | (3210)       |
| NXP | MK21DX128xxx5 (ISP-EZP)         | (138) (9997) |
| NXP | MK21DX256Axxx5 [LQFP80]         | (2902)       |
| NXP | MK21DX256Axxx5 [MAPBGA121]      | (3210)       |
| NXP | MK21DX256xxx5 (ISP-EZP)         | (138) (9997) |
| NXP | MK21DX256xxx5 [LQFP80]          | (2902)       |
| NXP | MK21DX256xxx5 [MAPBGA121]       | (3210)       |
| NXP | MK21FN1M0Axxx12 [LQFP144]       | (2803)       |
| NXP | MK21FN1M0Axxx12 [MAPBGA121]     | (3111)       |
| NXP | MK21FN1M0Axxx12 [MAPBGA144]     | (2947)       |
| NXP | MK21FN1M0xxx12 [LQFP144]        | (2803)       |
| NXP | MK21FN1M0xxx12 [MAPBGA121]      | (3111)       |
| NXP | MK21FN1M0xxx12 [MAPBGA144]      | (2947)       |
| NXP | MK21FX512Axxx12 [LQFP144]       | (2803)       |
| NXP | MK21FX512Axxx12 [MAPBGA121]     | (3111)       |
| NXP | MK21FX512xxx12 [LQFP144]        | (2803)       |
| NXP | MK21FX512xxx12 [MAPBGA121]      | (3111)       |
| NXP | MK22DN512xxx5 (ISP-EZP)         | (138) (9997) |
| NXP | MK22DN512xxx5 [LQFP64]          | (2901)       |
| NXP | MK22DN512xxx5 [LQFP80]          | (2902)       |
| NXP | MK22DN512xxx5 [MAPBGA121]       | (3210)       |
| NXP | MK22DX128xxx5 (ISP-EZP)         | (138) (9997) |
| NXP | MK22DX128xxx5 [LQFP48]          | (2921)       |
| NXP | MK22DX128xxx5 [LQFP64]          | (2901)       |
| NXP | MK22DX256xxx5 (ISP-EZP)         | (138) (9997) |
| NXP | MK22DX256xxx5 [LQFP48]          | (2921)       |
| NXP | MK22DX256xxx5 [MAPBGA121]       | (3210)       |
| NXP | MK22FN128xxx10 [LQFP100]        | (2878)       |
| NXP | MK22FN128xxx10 [LQFP64]         | (2901)       |
| NXP | MK22FN128xxx10 [MAPBGA64]       | (3107)       |
| NXP | MK22FN128xxx10 [XFBGA121]       | (3240)       |
| NXP | MK22FN1M0Axxx12 (ISP-SWD)       | (138) (9997) |
| NXP | MK22FN1M0Axxx12 [LQFP100]       | (2878)       |
| NXP | MK22FN1M0Axxx12 [LQFP144]       | (2803)       |
| NXP | MK22FN1M0Axxx12 [LQFP144] (SWD) | (2803)       |
| NXP | MK22FN1M0Axxx12 [MAPBGA121]     | (3111)       |
| NXP | MK22FN1M0xxx12 (ISP-SWD)        | (138) (9997) |
| NXP | MK22FN1M0xxx12 [LQFP100]        | (2878)       |
| NXP | MK22FN1M0xxx12 [LQFP144]        | (2803)       |
| NXP | MK22FN1M0xxx12 [LQFP144] (SWD)  | (2803)       |
| NXP | MK22FN1M0xxx12 [LQFP64]         | (2901)       |
| NXP | MK22FN1M0xxx12 [LQFP80]         | (2902)       |
| NXP | MK22FN1M0xxx12 [MAPBGA121]      | (3111)       |
| NXP | MK22FN1M0xxx12 [MAPBGA144]      | (2947)       |

|     |                 |                |              |
|-----|-----------------|----------------|--------------|
| NXP | MK22FN256xxx12  | [LQFP100]      | (2878)       |
| NXP | MK22FN256xxx12  | [LQFP64]       | (2901)       |
| NXP | MK22FN256xxx12  | [XFBGA121]     | (3240)       |
| NXP | MK22FN256xxx12  | [XFBGA64]      | (3107)       |
| NXP | MK22FN512xxx12  | [LQFP100]      | (2878)       |
| NXP | MK22FN512xxx12  | [LQFP64]       | (2901)       |
| NXP | MK22FN512xxx12  | [MAPBGA64]     | (3107)       |
| NXP | MK22FN512xxx12  | [XFBGA121]     | (3240)       |
| NXP | MK22FX512AxMC12 | [LFBGA121]     | (3111)       |
| NXP | MK22FX512Axxx12 | [LQFP100]      | (2878)       |
| NXP | MK22FX512Axxx12 | [LQFP80]       | (2902)       |
| NXP | MK22FX512xxx12  | [LQFP100]      | (2878)       |
| NXP | MK22FX512xxx12  | [LQFP80]       | (2902)       |
| NXP | MK22FX512xxx12  | [MAPBGA121]    | (3111)       |
| NXP | MK22FX512xxx12  | [MAPBGA144]    | (2947)       |
| NXP | MK24FN1M0xxx12  | [LQFP100]      | (2878)       |
| NXP | MK24FN1M0xxx12  | [LQFP144]      | (2803)       |
| NXP | MK24FN1M0xxx12  | [XFBGA121]     | (3240)       |
| NXP | MK24FN256xxx12  | [XFBGA121]     | (3240)       |
| NXP | MK26FN2M0xxx18  | [LQFP144]      | (2803)       |
| NXP | MK26FN2M0xxx18  | [MAPBGA144]    | (2947)       |
| NXP | MK26FN2M0xxx18  | [MAPBGA169]    | (4058)       |
| NXP | MK30DN512xxx10  | (ISP-EZP)      | (138) (9997) |
| NXP | MK30DN512xxx10  | [LQFP100]      | (2878)       |
| NXP | MK30DN512xxx10  | [LQFP144]      | (2803)       |
| NXP | MK30DN512xxx10  | [LQFP80]       | (2902)       |
| NXP | MK30DN512Zxxx10 | [LQFP144]      | (2803)       |
| NXP | MK30DN512Zxxx10 | [LQFP80]       | (2902)       |
| NXP | MK30DX128xxx10  | (ISP-EZP)      | (138) (9997) |
| NXP | MK30DX128xxx10  | [LQFP144]      | (2803)       |
| NXP | MK30DX128xxx7   | (ISP-EZP)      | (138) (9997) |
| NXP | MK30DX128xxx7   | [LQFP100]      | (2878)       |
| NXP | MK30DX128xxx7   | [LQFP64]       | (2901)       |
| NXP | MK30DX128xxx7   | [LQFP80]       | (2902)       |
| NXP | MK30DX256xxx10  | (ISP-EZP)      | (138) (9997) |
| NXP | MK30DX256xxx10  | [LQFP144]      | (2803)       |
| NXP | MK30DX256xxx7   | (ISP-EZP)      | (138) (9997) |
| NXP | MK30DX256xxx7   | (ISP-SWD)      | (138) (9997) |
| NXP | MK30DX256xxx7   | [LQFP100]      | (2878)       |
| NXP | MK30DX256xxx7   | [LQFP64]       | (2901)       |
| NXP | MK30DX256xxx7   | [LQFP80]       | (2902)       |
| NXP | MK30DX256xxx7   | [LQFP80] (SWD) | (2902)       |
| NXP | MK30DX256xxx7   | [MAPBGA121]    | (3111)       |
| NXP | MK30DX256Zxxx10 | [LQFP144]      | (2803)       |
| NXP | MK30DX64xxx7    | (ISP-EZP)      | (138) (9997) |
| NXP | MK30DX64xxx7    | [LQFP64]       | (2901)       |
| NXP | MK30DX64xxx7    | [LQFP80]       | (2902)       |
| NXP | MK65FX1M0xxx18  | [MAPBGA169]    | (4058)       |
| NXP | MKE02Z16xxx4    | [QFN32]        | (4161)       |
| NXP | MKE02Z32xxx4    | [QFN32]        | (4161)       |
| NXP | MKE02Z64xxx2    | [LQFP64]       | (3212)       |
| NXP | MKE02Z64xxx4    | (ISP-SWD)      | (138) (9997) |
| NXP | MKE02Z64xxx4    | [QFN32]        | (4161)       |
| NXP | MKE06Z128xxx4   | [LQFP80]       | (3823)       |
| NXP | MKE14F512xxx16  | [LQFP100]      | (4516)       |
| NXP | MKE14F512xxx16  | [LQFP64]       | (3212)       |
| NXP | MKE18F512xxx16  | [LQFP100]      | (4516)       |
| NXP | MKL03Z32        | [QFN16]        | (3287)       |
| NXP | MKL03Z32        | [QFN24]        | (3306)       |
| NXP | MKL03Z32        | [WLCSP20]      | (4779)       |
| NXP | MKL27Z32        | [LQFP64]       | (2901)       |
| NXP | MKL27Z32        | [QFN32]        | (3354)       |
| NXP | MKL27Z64        | [LQFP64]       | (2901)       |
| NXP | MKL27Z64        | [QFN32]        | (3354)       |
| NXP | MKS20FN128xxx12 | [LQFP100]      | (4682)       |
| NXP | MKS20FN256xxx12 | [LQFP100]      | (4682)       |
| NXP | MKS20FN256xxx12 | [QFN48]        | (4601)       |
| NXP | MKS22FN128xxx12 | [LQFP100]      | (4682)       |
| NXP | MKS22FN256xxx12 | [LQFP100]      | (4682)       |
| NXP | MKS22FN256xxx12 | [QFN48]        | (4601)       |
| NXP | MKV10Z128xxx7   | [LQFP48]       | (2921)       |
| NXP | MKV10Z128xxx7   | [LQFP64]       | (2901)       |
| NXP | MKV10Z128xxx7   | [QFN32]        | (2919)       |
| NXP | MKV10Z64xxx7    | [LQFP48]       | (2921)       |
| NXP | MKV10Z64xxx7    | [LQFP64]       | (2901)       |
| NXP | MKV10Z64xxx7    | [QFN32]        | (2919)       |
| NXP | MKV11Z128xxx7   | [LQFP48]       | (2921)       |
| NXP | MKV11Z128xxx7   | [LQFP64]       | (2901)       |
| NXP | MKV11Z128xxx7   | [QFN32]        | (2919)       |
| NXP | MKV11Z64xxx7    | [LQFP48]       | (2921)       |
| NXP | MKV11Z64xxx7    | [LQFP64]       | (2901)       |
| NXP | MKV11Z64xxx7    | [QFN32]        | (2919)       |
| NXP | MKV46F128xxx16  | [LQFP100]      | (4683)       |
| NXP | MKV46F256xxx16  | [LQFP100]      | (4683)       |
| NXP | MKV56F512xLQ16  | [LQFP144]      | (4885)       |
| NXP | MKV58F1M0xLL24  | [LQFP100]      | (4992)       |
| NXP | MKW20Z160       | [QFN48]        | (4312)       |
| NXP | MKW31Z512       | [QFN48]        | (4312)       |
| NXP | MKW40Z160       | [QFN48]        | (4312)       |
| NXP | MKW41Z512       | [QFN48]        | (4312)       |
| NXP | MM912F634       | [LQFP48]       | (174)        |
| NXP | MM921I638BM2EP  | [QFN48]        | (567)        |
| NXP | MM921I638BM2EP  | [QFN48]        | (567)        |
| NXP | MPC5603P        | [LQFP100]      | (4501)       |
| NXP | MPC5604P        | [LQFP100]      | (4501)       |
| NXP | MPC5777C        | [MAPBGA416]    | (4261)       |
| NXP | MPT612          | (ISP-UART)     | (138)        |
| NXP | MPT612          | [LQFP48]       | (174)        |
| NXP | MPT613          | (ISP-UART)     | (138)        |
| NXP | MPT613          | [LQFP80]       | (1330)       |
| NXP | MwCT1001A       | [LQFP64]       | (3722)       |
| NXP | MwCT1011        | [LQFP64]       | (3722)       |
| NXP | MwCT1011A       | [LQFP64]       | (3722)       |
| NXP | MwCT1012        | [QFN32]        | (4236)       |
| NXP | MwCT1013        | [LQFP64]       | (3722)       |
| NXP | MwCT1013A       | [LQFP64]       | (3722)       |
| NXP | MwCT1101        | [LQFP64]       | (3722)       |
| NXP | MwCT1111        | [LQFP64]       | (3722)       |
| NXP | MwPR1516        | [QFN32]        | (4325)       |
| NXP | P3Z22V10        |                |              |
| NXP | P3Z22V10        | [PLCC28]       | (48)         |
| NXP | P3Z22V10        | [SOIC24]       | (1062)       |
| NXP | P3Z22V10        | [TSSOP24]      | (1090)       |
| NXP | P5Z22V10        |                |              |
| NXP | P5Z22V10        | [PLCC28]       | (48)         |
| NXP | P5Z22V10        | [SOIC24]       | (1062)       |
| NXP | P5Z22V10        | [TSSOP24]      | (1090)       |
| NXP | P85LPC768       | [PLCC44]       | (67)         |
| NXP | P85LPC769       | [PLCC44]       | (67)         |
| NXP | P87C51          |                |              |
| NXP | P87C51          | [PLCC44]       | (67)         |
| NXP | P87C51          | [PQFP44]       | (592)        |
| NXP | P87C51FA        |                |              |
| NXP | P87C51FA        | [PLCC44]       | (67)         |
| NXP | P87C51FA        | [PQFP44]       | (592)        |
| NXP | P87C51FB        | [PLCC44]       | (67)         |
| NXP | P87C51FB        | [PQFP44]       | (592)        |
| NXP | P87C51FC        |                |              |

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| NXP | P87C51FC  | [PLCC44]  | (67)   |
| NXP | P87C51FC  | [PQFP44]  | (592)  |
| NXP | P87C51MB2 | [PLCC44]  | (67)   |
| NXP | P87C51MC2 | [PLCC44]  | (67)   |
| NXP | P87C51RA+ |           |        |
| NXP | P87C51RA+ | [PLCC44]  | (67)   |
| NXP | P87C51RA+ | [PQFP44]  | (592)  |
| NXP | P87C51RA2 |           |        |
| NXP | P87C51RA2 | [LQFP44]  | (94)   |
| NXP | P87C51RA2 | [PLCC44]  | (67)   |
| NXP | P87C51RB+ |           |        |
| NXP | P87C51RB+ | [PLCC44]  | (67)   |
| NXP | P87C51RB+ | [PQFP44]  | (592)  |
| NXP | P87C51RB2 |           |        |
| NXP | P87C51RB2 | [LQFP44]  | (94)   |
| NXP | P87C51RB2 | [PLCC44]  | (67)   |
| NXP | P87C51RC+ |           |        |
| NXP | P87C51RC+ | [PLCC44]  | (67)   |
| NXP | P87C51RC+ | [PQFP44]  | (592)  |
| NXP | P87C51RC2 |           |        |
| NXP | P87C51RC2 | [LQFP44]  | (94)   |
| NXP | P87C51RC2 | [PLCC44]  | (67)   |
| NXP | P87C51RD+ |           |        |
| NXP | P87C51RD+ | [PLCC44]  | (67)   |
| NXP | P87C51RD+ | [PQFP44]  | (592)  |
| NXP | P87C51RD2 |           |        |
| NXP | P87C51RD2 | [LQFP44]  | (94)   |
| NXP | P87C51RD2 | [PLCC44]  | (67)   |
| NXP | P87C51X2  |           |        |
| NXP | P87C51X2  | [LQFP44]  | (94)   |
| NXP | P87C51X2  | [PLCC44]  | (67)   |
| NXP | P87C52    |           |        |
| NXP | P87C52    | [PLCC44]  | (67)   |
| NXP | P87C52    | [PQFP44]  | (592)  |
| NXP | P87C52X2  |           |        |
| NXP | P87C52X2  | [LQFP44]  | (94)   |
| NXP | P87C52X2  | [PLCC44]  | (67)   |
| NXP | P87C54    |           |        |
| NXP | P87C54    | [PLCC44]  | (67)   |
| NXP | P87C54    | [PQFP44]  | (592)  |
| NXP | P87C54X2  |           |        |
| NXP | P87C54X2  | [LQFP44]  | (94)   |
| NXP | P87C54X2  | [PLCC44]  | (67)   |
| NXP | P87C552   | [PLCC68]  | (83)   |
| NXP | P87C554   | [PLCC68]  | (83)   |
| NXP | P87C557E8 | [QFP80]   | (752)  |
| NXP | P87C58    |           |        |
| NXP | P87C58    | [PLCC44]  | (67)   |
| NXP | P87C58    | [PQFP44]  | (592)  |
| NXP | P87C58X2  |           |        |
| NXP | P87C58X2  | [LQFP44]  | (94)   |
| NXP | P87C58X2  | [PLCC44]  | (67)   |
| NXP | P87C591   | [PLCC44]  | (67)   |
| NXP | P87C591   | [QFP44]   | (108)  |
| NXP | P87C654X2 | [LQFP44]  | (94)   |
| NXP | P87C654X2 | [PLCC44]  | (67)   |
| NXP | P87C660X2 | [LQFP44]  | (94)   |
| NXP | P87C660X2 | [PLCC44]  | (67)   |
| NXP | P87C661X2 | [LQFP44]  | (94)   |
| NXP | P87C661X2 | [PLCC44]  | (67)   |
| NXP | P87LPC760 |           |        |
| NXP | P87LPC760 | (ISP)     | (138)  |
| NXP | P87LPC760 | [TSSOP14] | (1087) |
| NXP | P87LPC761 |           |        |
| NXP | P87LPC761 | (ISP)     | (138)  |
| NXP | P87LPC761 | [TSSOP16] | (1088) |
| NXP | P87LPC762 |           |        |
| NXP | P87LPC762 | (ISP)     | (138)  |
| NXP | P87LPC762 | [SO20]    | (119)  |
| NXP | P87LPC762 | [TSSOP20] | (1089) |
| NXP | P87LPC764 |           |        |
| NXP | P87LPC764 | (ISP)     | (138)  |
| NXP | P87LPC764 | [SO20]    | (119)  |
| NXP | P87LPC764 | [TSSOP20] | (1089) |
| NXP | P87LPC767 |           |        |
| NXP | P87LPC767 | (ISP)     | (138)  |
| NXP | P87LPC767 | [SO20]    | (119)  |
| NXP | P87LPC768 |           |        |
| NXP | P87LPC768 | (ISP)     | (138)  |
| NXP | P87LPC768 | [SO20]    | (119)  |
| NXP | P87LPC769 | (ISP)     | (138)  |
| NXP | P87LPC769 | [SO20]    | (119)  |
| NXP | P87LPC778 |           |        |
| NXP | P87LPC778 | (ISP)     | (138)  |
| NXP | P87LPC778 | [SO20]    | (119)  |
| NXP | P87LPC778 | [TSSOP20] | (1089) |
| NXP | P89C51RA+ |           |        |
| NXP | P89C51RA+ | [PLCC44]  | (67)   |
| NXP | P89C51RA+ | [QFP44]   | (592)  |
| NXP | P89C51RA2 |           |        |
| NXP | P89C51RA2 | (ISP)     | (138)  |
| NXP | P89C51RA2 | [LQFP44]  | (94)   |
| NXP | P89C51RA2 | [PLCC44]  | (67)   |
| NXP | P89C51RB+ |           |        |
| NXP | P89C51RB+ | [PLCC44]  | (67)   |
| NXP | P89C51RB+ | [QFP44]   | (592)  |
| NXP | P89C51RB2 |           |        |
| NXP | P89C51RB2 | (ISP)     | (138)  |
| NXP | P89C51RB2 | [LQFP44]  | (94)   |
| NXP | P89C51RB2 | [PLCC44]  | (67)   |
| NXP | P89C51RC+ |           |        |
| NXP | P89C51RC+ | [PLCC44]  | (67)   |
| NXP | P89C51RC+ | [QFP44]   | (592)  |
| NXP | P89C51RC2 |           |        |
| NXP | P89C51RC2 | (ISP)     | (138)  |
| NXP | P89C51RC2 | [LQFP44]  | (94)   |
| NXP | P89C51RC2 | [PLCC44]  | (67)   |
| NXP | P89C51RD+ |           |        |
| NXP | P89C51RD+ | [PLCC44]  | (67)   |
| NXP | P89C51RD+ | [QFP44]   | (592)  |
| NXP | P89C51RD2 |           |        |
| NXP | P89C51RD2 | (ISP)     | (138)  |
| NXP | P89C51RD2 | [LQFP44]  | (94)   |
| NXP | P89C51RD2 | [PLCC44]  | (67)   |
| NXP | P89C51U   |           |        |
| NXP | P89C51U   | [PLCC44]  | (67)   |
| NXP | P89C51U   | [PQFP44]  | (592)  |
| NXP | P89C51X2  |           |        |
| NXP | P89C51X2  | [LQFP44]  | (94)   |
| NXP | P89C51X2  | [PLCC44]  | (67)   |
| NXP | P89C52U   |           |        |
| NXP | P89C52U   | [PLCC44]  | (67)   |
| NXP | P89C52U   | [PQFP44]  | (592)  |
| NXP | P89C52X2  |           |        |
| NXP | P89C52X2  | [LQFP44]  | (94)   |
| NXP | P89C52X2  | [PLCC44]  | (67)   |
| NXP | P89C54U   |           |        |
| NXP | P89C54U   | [PLCC44]  | (67)   |

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|-----|-----------------------|--------|
| NXP | P89C54U [PQFP44]      | (592)  |
| NXP | P89C54x2              |        |
| NXP | P89C54x2 [LQFP44]     | (94)   |
| NXP | P89C54x2 [PLCC44]     | (67)   |
| NXP | P89C58x2              |        |
| NXP | P89C58x2 [LQFP44]     | (94)   |
| NXP | P89C58x2 [PLCC44]     | (67)   |
| NXP | P89C60x2              |        |
| NXP | P89C60x2 (ISP)        | (138)  |
| NXP | P89C60x2 [LQFP44]     | (94)   |
| NXP | P89C60x2 [PLCC44]     | (67)   |
| NXP | P89C61x2              |        |
| NXP | P89C61x2 (ISP)        | (138)  |
| NXP | P89C61x2 [LQFP44]     | (94)   |
| NXP | P89C61x2 [PLCC44]     | (67)   |
| NXP | P89C660H (ISP)        | (138)  |
| NXP | P89C660H [LQFP44]     | (94)   |
| NXP | P89C660H [PLCC44]     | (67)   |
| NXP | P89C662H (ISP)        | (138)  |
| NXP | P89C662H [LQFP44]     | (94)   |
| NXP | P89C662H [PLCC44]     | (67)   |
| NXP | P89C664H (ISP)        | (138)  |
| NXP | P89C664H [LQFP44]     | (94)   |
| NXP | P89C664H [PLCC44]     | (67)   |
| NXP | P89C668H (ISP)        | (138)  |
| NXP | P89C668H [LQFP44]     | (94)   |
| NXP | P89C668H [PLCC44]     | (67)   |
| NXP | P89C669 [LQFP44]      | (94)   |
| NXP | P89C669 [PLCC44]      | (67)   |
| NXP | P89CV51RB2 (ISP)      | (138)  |
| NXP | P89CV51RB2 [PLCC44]   | (67)   |
| NXP | P89CV51RB2 [TQFP44]   | (94)   |
| NXP | P89CV51RC2 (ISP)      | (138)  |
| NXP | P89CV51RC2 [PLCC44]   | (67)   |
| NXP | P89CV51RC2 [TQFP44]   | (94)   |
| NXP | P89CV51RD2 (ISP)      | (138)  |
| NXP | P89CV51RD2 [PLCC44]   | (67)   |
| NXP | P89CV51RD2 [TQFP44]   | (94)   |
| NXP | P89LPC901             |        |
| NXP | P89LPC901 (ISP-ICP)   | (138)  |
| NXP | P89LPC901 [SOIC8]     | (950)  |
| NXP | P89LPC902             |        |
| NXP | P89LPC902 (ISP-ICP)   | (138)  |
| NXP | P89LPC902 [SOIC8]     | (950)  |
| NXP | P89LPC903 (ISP-ICP)   | (138)  |
| NXP | P89LPC903 [SOIC8]     | (950)  |
| NXP | P89LPC904             |        |
| NXP | P89LPC904 (ISP-ICP)   | (138)  |
| NXP | P89LPC904 [SOIC8]     | (950)  |
| NXP | P89LPC906 (ISP-ICP)   | (138)  |
| NXP | P89LPC906 [SOIC8]     | (950)  |
| NXP | P89LPC907 (ISP-ICP)   | (138)  |
| NXP | P89LPC907 [SOIC8]     | (950)  |
| NXP | P89LPC908 (ISP-ICP)   | (138)  |
| NXP | P89LPC908 [SOIC8]     | (950)  |
| NXP | P89LPC9102 (ISP-ICP)  | (138)  |
| NXP | P89LPC9102 [HVSON10]  | (730)  |
| NXP | P89LPC9103 (ISP-ICP)  | (138)  |
| NXP | P89LPC9103 [HVSON10]  | (730)  |
| NXP | P89LPC9107            |        |
| NXP | P89LPC9107 (ISP-ICP)  | (138)  |
| NXP | P89LPC9107 [TSSOP14]  | (1087) |
| NXP | P89LPC912 (ISP-ICP)   | (138)  |
| NXP | P89LPC912 [TSSOP14]   | (1087) |
| NXP | P89LPC913 (ISP-ICP)   | (138)  |
| NXP | P89LPC913 [TSSOP14]   | (1087) |
| NXP | P89LPC914 (ISP-ICP)   | (138)  |
| NXP | P89LPC914 [TSSOP14]   | (1087) |
| NXP | P89LPC915             |        |
| NXP | P89LPC915 (ISP-ICP)   | (138)  |
| NXP | P89LPC915 [TSSOP14]   | (1087) |
| NXP | P89LPC9151            |        |
| NXP | P89LPC9151 (ISP-ICP)  | (138)  |
| NXP | P89LPC9151 [TSSOP14]  | (1087) |
| NXP | P89LPC916 (ISP-ICP)   | (138)  |
| NXP | P89LPC916 [TSSOP16]   | (1088) |
| NXP | P89LPC9161 (ISP-ICP)  | (138)  |
| NXP | P89LPC9161 [TSSOP16]  | (1088) |
| NXP | P89LPC917 (ISP-ICP)   | (138)  |
| NXP | P89LPC917 [TSSOP16]   | (1088) |
| NXP | P89LPC9171 (ISP-ICP)  | (138)  |
| NXP | P89LPC9171 [TSSOP16]  | (1088) |
| NXP | P89LPC920             |        |
| NXP | P89LPC920 (ISP-ICP)   | (138)  |
| NXP | P89LPC920 [TSSOP20]   | (1089) |
| NXP | P89LPC9201 (ISP-ICP)  | (138)  |
| NXP | P89LPC9201 [TSSOP20]  | (1089) |
| NXP | P89LPC921             |        |
| NXP | P89LPC921 (ISP-ICP)   | (138)  |
| NXP | P89LPC921 [TSSOP20]   | (1089) |
| NXP | P89LPC9211 (ISP-ICP)  | (138)  |
| NXP | P89LPC9211 [TSSOP20]  | (1089) |
| NXP | P89LPC922             |        |
| NXP | P89LPC922 (ISP-ICP)   | (138)  |
| NXP | P89LPC922 [TSSOP20]   | (1089) |
| NXP | P89LPC9221            |        |
| NXP | P89LPC9221 (ISP-ICP)  | (138)  |
| NXP | P89LPC9221 [TSSOP20]  | (1089) |
| NXP | P89LPC922A1           |        |
| NXP | P89LPC922A1 (ISP-ICP) | (138)  |
| NXP | P89LPC922A1 [TSSOP20] | (1089) |
| NXP | P89LPC924             |        |
| NXP | P89LPC924 (ISP-ICP)   | (138)  |
| NXP | P89LPC924 [TSSOP20]   | (1089) |
| NXP | P89LPC9241 (ISP-ICP)  | (138)  |
| NXP | P89LPC9241 [TSSOP20]  | (1089) |
| NXP | P89LPC925             |        |
| NXP | P89LPC925 (ISP-ICP)   | (138)  |
| NXP | P89LPC925 [TSSOP20]   | (1089) |
| NXP | P89LPC9251 (ISP-ICP)  | (138)  |
| NXP | P89LPC9251 [TSSOP20]  | (1089) |
| NXP | P89LPC930 (ISP-ICP)   | (138)  |
| NXP | P89LPC930 [TSSOP28]   | (172)  |
| NXP | P89LPC9301 (ISP-ICP)  | (138)  |
| NXP | P89LPC9301 [TSSOP28]  | (172)  |
| NXP | P89LPC931 (ISP-ICP)   | (138)  |
| NXP | P89LPC931 [TSSOP28]   | (172)  |
| NXP | P89LPC9311 (ISP-ICP)  | (138)  |
| NXP | P89LPC9311 [TSSOP28]  | (172)  |
| NXP | P89LPC931A1 (ISP-ICP) | (138)  |
| NXP | P89LPC931A1 [TSSOP28] | (172)  |
| NXP | P89LPC932 [HVQFN28]   | (635)  |
| NXP | P89LPC932 [PLCC28]    | (48)   |
| NXP | P89LPC932 [TSSOP28]   | (172)  |
| NXP | P89LPC9321            |        |
| NXP | P89LPC9321 (ISP-ICP)  | (138)  |
| NXP | P89LPC9321 [PLCC28]   | (48)   |
| NXP | P89LPC9321 [TSSOP28]  | (172)  |

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| NXP | P89LPC932A1 (ISP-ICP)         | (138)  |
| NXP | P89LPC932A1 [HVQFN28]         | (635)  |
| NXP | P89LPC932A1 [PLCC28]          | (48)   |
| NXP | P89LPC932A1 [TSSOP28]         | (172)  |
| NXP | P89LPC933 (ISP-ICP)           | (138)  |
| NXP | P89LPC933 [TSSOP28]           | (172)  |
| NXP | P89LPC9331 (ISP-ICP)          | (138)  |
| NXP | P89LPC9331 [TSSOP28]          | (172)  |
| NXP | P89LPC934 (ISP-ICP)           | (138)  |
| NXP | P89LPC934 [TSSOP28]           | (172)  |
| NXP | P89LPC9341 (ISP-ICP)          | (138)  |
| NXP | P89LPC9341 [TSSOP28]          | (172)  |
| NXP | P89LPC935 (ISP-ICP)           | (138)  |
| NXP | P89LPC935 [HVQFN28]           | (635)  |
| NXP | P89LPC935 [PLCC28]            | (48)   |
| NXP | P89LPC935 [TSSOP28]           | (172)  |
| NXP | P89LPC9351 (ISP-ICP)          | (138)  |
| NXP | P89LPC9351 [PLCC28]           | (48)   |
| NXP | P89LPC9351 [TSSOP28]          | (172)  |
| NXP | P89LPC936 (ISP-ICP)           | (138)  |
| NXP | P89LPC936 [HVQFN28]           | (635)  |
| NXP | P89LPC936 [PLCC28]            | (48)   |
| NXP | P89LPC936 [TSSOP28]           | (172)  |
| NXP | P89LPC9361 (ISP-ICP)          | (138)  |
| NXP | P89LPC9361 [TSSOP28]          | (172)  |
| NXP | P89LPC938 (ISP-ICP)           | (138)  |
| NXP | P89LPC938 [HVQFN28]           | (635)  |
| NXP | P89LPC938 [PLCC28]            | (48)   |
| NXP | P89LPC938 [TSSOP28]           | (172)  |
| NXP | P89LPC9381 (ISP-ICP)          | (138)  |
| NXP | P89LPC9381 [TSSOP28]          | (172)  |
| NXP | P89LPC9401 (ISP-ICP)          | (138)  |
| NXP | P89LPC9401 [LQFP64]           | (768)  |
| NXP | P89LPC9402 (ISP-ICP)          | (138)  |
| NXP | P89LPC9402 [LQFP64]           | (768)  |
| NXP | P89LPC9408 (ISP-ICP)          | (138)  |
| NXP | P89LPC9408 [LQFP64]           | (768)  |
| NXP | P89LPC952 (ISP-ICP)           | (138)  |
| NXP | P89LPC952 [LQFP44]            | (94)   |
| NXP | P89LPC952 [PLCC44]            | (67)   |
| NXP | P89LPC954 (ISP-ICP)           | (138)  |
| NXP | P89LPC954 [LQFP44]            | (94)   |
| NXP | P89LPC954 [PLCC44]            | (67)   |
| NXP | P89LPC970 [TSSOP20]           | (1089) |
| NXP | P89LPC971 [TSSOP20]           | (1089) |
| NXP | P89LPC972 [TSSOP20]           | (1089) |
| NXP | P89LPC980 [TSSOP28]           | (172)  |
| NXP | P89LPC982 [PLCC28]            | (48)   |
| NXP | P89LPC982 [TSSOP28]           | (172)  |
| NXP | P89LPC983 [TSSOP28]           | (172)  |
| NXP | P89LPC985 [PLCC28]            | (48)   |
| NXP | P89LPC985 [TSSOP28]           | (172)  |
| NXP | P89LV51RB2 (ISP)              | (138)  |
| NXP | P89LV51RB2 [PLCC44]           | (67)   |
| NXP | P89LV51RB2 [TQFP44]           | (94)   |
| NXP | P89LV51RC2 (ISP)              | (138)  |
| NXP | P89LV51RC2 [PLCC44]           | (67)   |
| NXP | P89LV51RC2 [TQFP44]           | (94)   |
| NXP | P89LV51RD2 (ISP)              | (138)  |
| NXP | P89LV51RD2 [PLCC44]           | (67)   |
| NXP | P89LV51RD2 [PLCC44] (vfyse1)  | (67)   |
| NXP | P89LV51RD2 [TQFP44]           | (94)   |
| NXP | P89V51RB2 (ISP)               | (138)  |
| NXP | P89V51RB2 [PLCC44]            | (67)   |
| NXP | P89V51RB2 [PLCC44] (vfyse1)   | (67)   |
| NXP | P89V51RB2 [TQFP44]            | (94)   |
| NXP | P89V51RC2 (ISP)               | (138)  |
| NXP | P89V51RC2 [PLCC44]            | (67)   |
| NXP | P89V51RC2 [TQFP44]            | (94)   |
| NXP | P89V51RD2 (ISP)               | (138)  |
| NXP | P89V51RD2 [PLCC44]            | (67)   |
| NXP | P89V51RD2 [TQFP44]            | (94)   |
| NXP | P89V52X2 (ISP)                | (138)  |
| NXP | P89V52X2 [LQFP44]             | (94)   |
| NXP | P89V52X2 [PLCC44]             | (67)   |
| NXP | P89V660 (ISP)                 | (138)  |
| NXP | P89V660 [PLCC44]              | (67)   |
| NXP | P89V660 [TQFP44]              | (94)   |
| NXP | P89V662 (ISP)                 | (138)  |
| NXP | P89V662 [PLCC44]              | (67)   |
| NXP | P89V662 [TQFP44]              | (94)   |
| NXP | P89V664 (ISP)                 | (138)  |
| NXP | P89V664 [PLCC44]              | (67)   |
| NXP | P89V664 [TQFP44]              | (94)   |
| NXP | PCA24S08 (ISP)                | (138)  |
| NXP | PCA24S08 [S08]                | (950)  |
| NXP | PCA24S08 [TSSOP8]             | (605)  |
| NXP | PCA24S08A [S08]               | (950)  |
| NXP | PCA24S08A [TSSOP8]            | (605)  |
| NXP | PCA8581/C (ISP)               | (138)  |
| NXP | PCA8581/C [SOIC8]             | (950)  |
| NXP | PCA8582C-2 (ISP)              | (138)  |
| NXP | PCA8582C-2 [SOIC8]            | (950)  |
| NXP | PCA9500 (ISP)                 | (138)  |
| NXP | PCA9500 [HVQFN16]             | (883)  |
| NXP | PCA9500 [SO16]                | (44)   |
| NXP | PCA9500 [TSSOP16]             | (1088) |
| NXP | PCA9501 [SO20]                | (119)  |
| NXP | PCA9501 [TSSOP20]             | (1089) |
| NXP | PCB2421 [SOIC8]               | (950)  |
| NXP | PCD80703HL [LQFP64]           | (866)  |
| NXP | PCD80705HL [LQFP100]          | (753)  |
| NXP | PCD80708HL [LQFP80]           | (865)  |
| NXP | PCD80715HL [LQFP100]          | (753)  |
| NXP | PCD80716HL [LQFP100]          | (753)  |
| NXP | PCD80718HL [LQFP64]           | (866)  |
| NXP | PCD80721HL [LQFP80]           | (865)  |
| NXP | PCD80725HL [LQFP100]          | (753)  |
| NXP | PCD80727HL [LQFP100]          | (753)  |
| NXP | PCD80728HL [LQFP80]           | (865)  |
| NXP | PCF7922ATT/M1AE0700 [TSSOP20] | (2845) |
| NXP | PCF7945FTT/L1AC1900 [TSSOP28] | (4317) |
| NXP | PCF7953ATT/M1AC1500 [TSSOP28] | (4317) |
| NXP | PCF7961ATT/M1AC0700 [TSSOP20] | (2845) |
| NXP | PCF7961ATT/M1AE0700 [TSSOP20] | (2845) |
| NXP | PCF7961MTT/D1AE1300 [TSSOP20] | (2845) |
| NXP | PCF85102C-2                   |        |



|     |                      |              |
|-----|----------------------|--------------|
| NXP | PCF85102C-2 [SOIC8]  | (950)        |
| NXP | PCF85103C-2          |              |
| NXP | PCF85103C-2 [SOIC8]  | (950)        |
| NXP | PCF85116-3           |              |
| NXP | PCF85116-3 [SOIC8]   | (950)        |
| NXP | PCF8582C-2           |              |
| NXP | PCF8582C-2 [SOIC8]   | (950)        |
| NXP | PCF8594C-2           |              |
| NXP | PCF8594C-2 [SOIC8]   | (950)        |
| NXP | PCF8598C-2           |              |
| NXP | PCF8598C-2 [SOIC8]   | (950)        |
| NXP | PL22V10              |              |
| NXP | PL22V10 [PLCC28]     | (48)         |
| NXP | PN7360AU [HVQFN64]   | (3791)       |
| NXP | PN7360AUXx [HVQFN64] | (3791)       |
| NXP | PN7362AU [HVQFN64]   | (3791)       |
| NXP | PN7362AUXx [HVQFN64] | (3791)       |
| NXP | PN7462AU [HVQFN64]   | (3791)       |
| NXP | PN7462AUXx [HVQFN64] | (3791)       |
| NXP | PR601HL/C1 [LQFP100] | (3427)       |
| NXP | PXAC37KBA [PLCC44]   | (67)         |
| NXP | PXAC37KBBD [LQFP44]  | (94)         |
| NXP | PXAC37KFA [PLCC44]   | (67)         |
| NXP | PXAC37KFBD [LQFP44]  | (94)         |
| NXP | PXAG37KBA [PLCC44]   | (67)         |
| NXP | PXAG37KBBD [LQFP44]  | (94)         |
| NXP | PXAG37KFA [PLCC44]   | (67)         |
| NXP | PXAG37KFBD [LQFP44]  | (94)         |
| NXP | PXAS37KBA [PLCC68]   | (96)         |
| NXP | PXAS37KBBD [LQFP44]  | (94)         |
| NXP | PXAS37KBBD [QFP80]   | (97)         |
| NXP | PZ3032 [PLCC44]      | (67)         |
| NXP | PZ3032 [TQFP44]      | (94)         |
| NXP | PZ3064 [PLCC44]      | (67)         |
| NXP | PZ3064 [PLCC68]      | (77)         |
| NXP | PZ3064 [PLCC84]      | (88)         |
| NXP | PZ3064 [TQFP44]      | (94)         |
| NXP | PZ3128 [PLCC84]      | (88)         |
| NXP | PZ3128 [TQFP100]     | (162)        |
| NXP | PZ5032 [PLCC44]      | (67)         |
| NXP | PZ5032 [TQFP44]      | (94)         |
| NXP | PZ5064 [PLCC44]      | (67)         |
| NXP | PZ5064 [PLCC68]      | (77)         |
| NXP | PZ5064 [PLCC84]      | (88)         |
| NXP | PZ5064 [TQFP44]      | (94)         |
| NXP | PZ5064C [PLCC44]     | (67)         |
| NXP | PZ5064C [TQFP44]     | (94)         |
| NXP | PZ5064N [PLCC44]     | (67)         |
| NXP | PZ5128 [PLCC84]      | (88)         |
| NXP | PZ5128 [TQFP100]     | (162)        |
| NXP | S912DG128 (ISP)      | (138)        |
| NXP | S912DG128 [LQFP112]  | (699)        |
| NXP | S912XB128 [LQFP112]  | (699)        |
| NXP | S912XB128 [QFP80]    | (698)        |
| NXP | S912XB256 [LQFP112]  | (699)        |
| NXP | S912XB256 [QFP80]    | (698)        |
| NXP | S912XD128 (ISP)      | (138) (9997) |
| NXP | S912XD128 [LQFP112]  | (699)        |
| NXP | S912XD128 [QFP80]    | (698)        |
| NXP | S912XD256 (ISP)      | (138) (9997) |
| NXP | S912XD256 [LQFP112]  | (699)        |
| NXP | S912XD256 [LQFP144]  | (827)        |
| NXP | S912XD256 [QFP80]    | (698)        |
| NXP | S912XD64 [QFP80]     | (698)        |
| NXP | S912XDG128 (ISP)     | (138)        |
| NXP | S912XDG128 [LQFP112] | (699)        |
| NXP | S912XDG128 [QFP80]   | (698)        |
| NXP | S912XDP512 (ISP)     | (138)        |
| NXP | S912XDP512 [LQFP112] | (699)        |
| NXP | S912XDP512 [LQFP144] | (827)        |
| NXP | S912XDP512 [QFP80]   | (698)        |
| NXP | S912XDQ256 [LQFP112] | (699)        |
| NXP | S912XDQ256 [LQFP144] | (827)        |
| NXP | S912XDQ256 [QFP80]   | (698)        |
| NXP | S912XDT256 (ISP)     | (138)        |
| NXP | S912XDT256 [LQFP112] | (699)        |
| NXP | S912XDT256 [LQFP144] | (827)        |
| NXP | S912XDT256 [QFP80]   | (698)        |
| NXP | S912XDT384 (ISP)     | (138)        |
| NXP | S912XDT384 [LQFP112] | (699)        |
| NXP | S912XDT384 [LQFP144] | (827)        |
| NXP | S912XDT384 [QFP80]   | (698)        |
| NXP | S912XDT512 (ISP)     | (138)        |
| NXP | S912XDT512 [LQFP112] | (699)        |
| NXP | S912XDT512 [LQFP144] | (827)        |
| NXP | S912XDT512 [QFP80]   | (698)        |
| NXP | S912XEG128 (ISP)     | (138)        |
| NXP | S912XEG128 [LQFP112] | (699)        |
| NXP | S912XEG128 [QFP80]   | (698)        |
| NXP | S912XEG384 [LQFP144] | (827)        |
| NXP | S912XEG384 [QFP80]   | (698)        |
| NXP | S912XEP100 (ISP)     | (138) (9997) |
| NXP | S912XEP100 [LQFP112] | (699)        |
| NXP | S912XEP100 [LQFP144] | (827)        |
| NXP | S912XEP768 [LQFP112] | (699)        |
| NXP | S912XEP768 [LQFP144] | (827)        |
| NXP | S912XEQ384 (ISP)     | (138)        |
| NXP | S912XEQ384 [LQFP112] | (699)        |
| NXP | S912XEQ384 [LQFP144] | (827)        |
| NXP | S912XEQ384 [QFP80]   | (698)        |
| NXP | S912XEQ512 (ISP)     | (138) (9997) |
| NXP | S912XEQ512 [LQFP112] | (699)        |
| NXP | S912XEQ512 [LQFP144] | (827)        |
| NXP | S912XEQ512 [QFP80]   | (698)        |
| NXP | S912XET256 (ISP)     | (138)        |
| NXP | S912XET256 [LQFP112] | (699)        |
| NXP | S912XET256 [LQFP144] | (827)        |
| NXP | S912XET256 [QFP80]   | (698)        |
| NXP | S912XHY128 (ISP)     | (138) (9997) |
| NXP | S912XHY128 [LQFP112] | (2879)       |
| NXP | S912XHY256 (ISP)     | (138) (9997) |
| NXP | S912XHY256 [LQFP112] | (2879)       |
| NXP | S912XHZ256 [LQFP112] | (932)        |
| NXP | S912XHZ256 [LQFP144] | (1327)       |
| NXP | S912XHZ384 (ISP)     | (138)        |
| NXP | S912XHZ384 [LQFP112] | (932)        |
| NXP | S912XHZ384 [LQFP144] | (1327)       |
| NXP | S912XHZ512 (ISP)     | (138)        |
| NXP | S912XHZ512 [LQFP112] | (932)        |
| NXP | S912XHZ512 [LQFP144] | (1327)       |
| NXP | S912ZVC19 [LQFP48]   | (4638)       |
| NXP | S912ZVL12 [LQFP32]   | (4041)       |
| NXP | S912ZVL12 [LQFP48]   | (4016)       |
| NXP | S912ZVL64 [LQFP32]   | (4041)       |
| NXP | S912ZVL64 [LQFP48]   | (4016)       |
| NXP | S912ZVL96 [LQFP32]   | (4041)       |
| NXP | S912ZVL96 [LQFP48]   | (4016)       |
| NXP | S912ZVLA12 [LQFP32]  | (4041)       |
| NXP | S912ZVLA12 [LQFP48]  | (4016)       |

|     |            |           |              |
|-----|------------|-----------|--------------|
| NXP | S912ZVLA64 | [LQFP48]  | (4016)       |
| NXP | S912ZVLA96 | [LQFP32]  | (4041)       |
| NXP | S912ZVLA96 | [LQFP48]  | (4016)       |
| NXP | S912ZVMC12 | [LQFP64]  | (3102)       |
| NXP | S912ZVMC64 | [LQFP64]  | (3102)       |
| NXP | S912ZVML12 | [LQFP64]  | (3102)       |
| NXP | S912ZVML32 | [LQFP64]  | (3102)       |
| NXP | S912ZVML64 | [LQFP64]  | (3102)       |
| NXP | S9KEAZ128A | (ISP-SWD) | (138) (9997) |
| NXP | S9S08RN32  | [LQFP32]  | (4239)       |
| NXP | S9S12B128  | (ISP)     | (138)        |
| NXP | S9S12B128  | [LQFP112] | (699)        |
| NXP | S9S12B128  | [QFP80]   | (698)        |
| NXP | S9S12B64   | (ISP)     | (138)        |
| NXP | S9S12B64   | [LQFP112] | (699)        |
| NXP | S9S12B64   | [QFP80]   | (698)        |
| NXP | S9S12B96   | (ISP)     | (138)        |
| NXP | S9S12B96   | [QFP80]   | (698)        |
| NXP | S9S12C128  | (ISP)     | (138)        |
| NXP | S9S12C128  | [LQFP48]  | (174)        |
| NXP | S9S12C128  | [LQFP52]  | (801)        |
| NXP | S9S12C128  | [QFP80]   | (698)        |
| NXP | S9S12C32   | (ISP)     | (138)        |
| NXP | S9S12C32   | [LQFP48]  | (174)        |
| NXP | S9S12C32   | [LQFP52]  | (801)        |
| NXP | S9S12C32   | [QFP80]   | (698)        |
| NXP | S9S12C64   | (ISP)     | (138)        |
| NXP | S9S12C64   | [LQFP48]  | (174)        |
| NXP | S9S12C64   | [LQFP52]  | (801)        |
| NXP | S9S12C64   | [QFP80]   | (698)        |
| NXP | S9S12C96   | (ISP)     | (138)        |
| NXP | S9S12C96   | [LQFP48]  | (174)        |
| NXP | S9S12C96   | [LQFP52]  | (801)        |
| NXP | S9S12C96   | [QFP80]   | (698)        |
| NXP | S9S12D32   | (ISP)     | (138)        |
| NXP | S9S12D32   | [QFP80]   | (698)        |
| NXP | S9S12D64   | (ISP)     | (138)        |
| NXP | S9S12D64   | [LQFP112] | (699)        |
| NXP | S9S12D64   | [QFP80]   | (698)        |
| NXP | S9S12DB12  | (ISP)     | (138)        |
| NXP | S9S12DB12  | [LQFP112] | (699)        |
| NXP | S9S12DB12  | [QFP80]   | (1081)       |
| NXP | S9S12DG12  | (ISP)     | (138)        |
| NXP | S9S12DG12  | [LQFP112] | (699)        |
| NXP | S9S12DG12  | [QFP80]   | (698)        |
| NXP | S9S12DG25  | (ISP)     | (138)        |
| NXP | S9S12DG25  | [LQFP112] | (699)        |
| NXP | S9S12DG25  | [QFP80]   | (698)        |
| NXP | S9S12DJ12  | (ISP)     | (138)        |
| NXP | S9S12DJ12  | [LQFP112] | (699)        |
| NXP | S9S12DJ12  | [QFP80]   | (698)        |
| NXP | S9S12DJ25  | (ISP)     | (138)        |
| NXP | S9S12DJ25  | [LQFP112] | (699)        |
| NXP | S9S12DJ25  | [QFP80]   | (698)        |
| NXP | S9S12DJ64  | (ISP)     | (138)        |
| NXP | S9S12DJ64  | [QFP80]   | (698)        |
| NXP | S9S12DP51  | (ISP)     | (138)        |
| NXP | S9S12DP51  | [LQFP112] | (699)        |
| NXP | S9S12DT12  | (ISP)     | (138) (9997) |
| NXP | S9S12DT12  | [LQFP112] | (699)        |
| NXP | S9S12DT25  | (ISP)     | (138)        |
| NXP | S9S12DT25  | [LQFP112] | (699)        |
| NXP | S9S12DT25  | [QFP80]   | (698)        |
| NXP | S9S12G128  | (ISP)     | (138)        |
| NXP | S9S12G128  | [LQFP100] | (2945)       |
| NXP | S9S12G128  | [LQFP48]  | (174)        |
| NXP | S9S12G128  | [LQFP64]  | (2689)       |
| NXP | S9S12G192  | (ISP)     | (138) (9997) |
| NXP | S9S12G192  | [LQFP100] | (2945)       |
| NXP | S9S12G192  | [LQFP48]  | (174)        |
| NXP | S9S12G192  | [LQFP64]  | (2689)       |
| NXP | S9S12G240  | (ISP)     | (138) (9997) |
| NXP | S9S12G240  | [LQFP100] | (2945)       |
| NXP | S9S12G240  | [LQFP48]  | (174)        |
| NXP | S9S12G240  | [LQFP64]  | (2689)       |
| NXP | S9S12G48   | (ISP)     | (138) (9997) |
| NXP | S9S12G48   | [LQFP32]  | (159)        |
| NXP | S9S12G48   | [LQFP48]  | (174)        |
| NXP | S9S12G48   | [LQFP64]  | (2689)       |
| NXP | S9S12G64   | (ISP)     | (138) (9997) |
| NXP | S9S12G64   | [LQFP32]  | (159)        |
| NXP | S9S12G64   | [LQFP48]  | (174)        |
| NXP | S9S12G64   | [LQFP64]  | (2689)       |
| NXP | S9S12G96   | (ISP)     | (138)        |
| NXP | S9S12G96   | [LQFP100] | (2945)       |
| NXP | S9S12G96   | [LQFP48]  | (174)        |
| NXP | S9S12G96   | [LQFP64]  | (2689)       |
| NXP | S9S12GA128 | (ISP)     | (138) (9997) |
| NXP | S9S12GA128 | [LQFP48]  | (174)        |
| NXP | S9S12GA192 | (ISP)     | (138) (9997) |
| NXP | S9S12GA192 | [LQFP100] | (2945)       |
| NXP | S9S12GA192 | [LQFP48]  | (174)        |
| NXP | S9S12GA192 | [LQFP64]  | (2689)       |
| NXP | S9S12GA240 | (ISP)     | (138) (9997) |
| NXP | S9S12GA240 | [LQFP100] | (2945)       |
| NXP | S9S12GA240 | [LQFP48]  | (174)        |
| NXP | S9S12GA240 | [LQFP64]  | (2689)       |
| NXP | S9S12GA48  | (ISP)     | (138) (9997) |
| NXP | S9S12GA48  | [LQFP48]  | (174)        |
| NXP | S9S12GA48  | [LQFP64]  | (2689)       |
| NXP | S9S12GA64  | (ISP)     | (138) (9997) |
| NXP | S9S12GA64  | [LQFP64]  | (2689)       |
| NXP | S9S12GC32  | (ISP)     | (138)        |
| NXP | S9S12GC32  | [QFP80]   | (698)        |
| NXP | S9S12GN16  | [LQFP32]  | (159)        |
| NXP | S9S12GN16  | [LQFP48]  | (174)        |
| NXP | S9S12GN16  | [TSSOP20] | (1089)       |
| NXP | S9S12GN32  | (ISP)     | (138) (9997) |
| NXP | S9S12GN32  | [LQFP32]  | (159)        |
| NXP | S9S12GN32  | [LQFP48]  | (174)        |
| NXP | S9S12GN32  | [TSSOP20] | (1089)       |
| NXP | S9S12GN48  | (ISP)     | (138) (9997) |
| NXP | S9S12GN48  | [LQFP32]  | (159)        |
| NXP | S9S12GN48  | [LQFP48]  | (174)        |
| NXP | S9S12GN48  | [LQFP64]  | (2689)       |
| NXP | S9S12GNA16 | [LQFP48]  | (174)        |
| NXP | S9S12GNA32 | [LQFP48]  | (174)        |
| NXP | S9S12H128  | (ISP)     | (138)        |
| NXP | S9S12H128  | [LQFP112] | (932)        |
| NXP | S9S12H128  | [LQFP144] | (1327)       |
| NXP | S9S12H256  | (ISP)     | (138)        |
| NXP | S9S12H256  | [LQFP112] | (932)        |
| NXP | S9S12H256  | [LQFP144] | (1327)       |
| NXP | S9S12HA32  | [LQFP100] | (2618)       |
| NXP | S9S12HA32  | [LQFP64]  | (2689)       |
| NXP | S9S12HA48  | [LQFP100] | (2618)       |
| NXP | S9S12HY32  | [LQFP100] | (2618)       |
| NXP | S9S12HY32  | [LQFP64]  | (2689)       |

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| NXP | S9S12HY48              | [LQFP100]        | (2618)       |
| NXP | S9S12HY64              | (ISP)            | (138) (9997) |
| NXP | S9S12HY64              | [LQFP100]        | (2618)       |
| NXP | S9S12HY64              | [LQFP64]         | (2689)       |
| NXP | S9S12HZ128             | (ISP)            | (138)        |
| NXP | S9S12HZ128             | [LQFP112]        | (932)        |
| NXP | S9S12HZ256             | (ISP)            | (138)        |
| NXP | S9S12HZ256             | [LQFP112]        | (932)        |
| NXP | S9S12KG12              | [LQFP112]        | (699)        |
| NXP | S9S12KG12              | [QFP80]          | (698)        |
| NXP | S9S12P128              | [LQFP64]         | (2309)       |
| NXP | S9S12P128              | [LQFP80]         | (698)        |
| NXP | S9S12P128              | [QFN48]          | (567)        |
| NXP | S9S12P32               | [LQFP64]         | (2309)       |
| NXP | S9S12P32               | [LQFP80]         | (698)        |
| NXP | S9S12P32               | [QFN48]          | (567)        |
| NXP | S9S12P64               | [LQFP64]         | (2309)       |
| NXP | S9S12P64               | [LQFP80]         | (698)        |
| NXP | S9S12P64               | [QFN48]          | (567)        |
| NXP | S9S12P96               | [LQFP64]         | (2309)       |
| NXP | S9S12P96               | [LQFP80]         | (698)        |
| NXP | S9S12P96               | [QFN48]          | (567)        |
| NXP | S9S12Q12               | (ISP)            | (138)        |
| NXP | S9S12Q12               | [LQFP48]         | (174)        |
| NXP | S9S12Q12               | [LQFP52]         | (801)        |
| NXP | S9S12Q12               | [QFP80]          | (698)        |
| NXP | S9S12Q128              | (ISP)            | (138)        |
| NXP | S9S12Q128              | [QFP80]          | (698)        |
| NXP | S9S12Q32               | (ISP)            | (138)        |
| NXP | S9S12Q32               | [LQFP48]         | (174)        |
| NXP | S9S12Q64               | (ISP)            | (138)        |
| NXP | S9S12Q64               | [LQFP48]         | (174)        |
| NXP | S9S12Q96               | (ISP)            | (138)        |
| NXP | S9S12Q96               | [LQFP52]         | (801)        |
| NXP | S9S12Q96               | [QFP80]          | (698)        |
| NXP | S9S12VR48              | [LQFP32]         | (2922)       |
| NXP | S9S12VR64              | [LQFP32]         | (2922)       |
| NXP | S9S12XA256             | (ISP)            | (138)        |
| NXP | S9S12XA256             | [LQFP112]        | (699)        |
| NXP | S9S12XA256             | [LQFP144]        | (827)        |
| NXP | S9S12XA256             | [QFP80]          | (698)        |
| NXP | S9S12XA512             | (ISP)            | (138)        |
| NXP | S9S12XA512             | [LQFP112]        | (699)        |
| NXP | S9S12XA512             | [LQFP144]        | (827)        |
| NXP | S9S12XA512             | [QFP80]          | (698)        |
| NXP | S9S12XDG128            | [LQFP112]        | (699)        |
| NXP | S9S12XDQ256            | (ISP)            | (138)        |
| NXP | S9S12XDT256            | [LQFP112]        | (699)        |
| NXP | S9S12XDT512            | [LQFP112]        | (699)        |
| NXP | S9S12XDT512            | [QFP80]          | (698)        |
| NXP | S9S12XS128             | (ISP)            | (138) (9997) |
| NXP | S9S12XS128             | [LQFP112]        | (699)        |
| NXP | S9S12XS128             | [LQFP64]         | (2309)       |
| NXP | S9S12XS128             | [QFP80]          | (698)        |
| NXP | S9S12XS256             | (ISP)            | (138) (9997) |
| NXP | S9S12XS256             | [LQFP112]        | (699)        |
| NXP | S9S12XS256             | [LQFP64]         | (2309)       |
| NXP | S9S12XS256             | [QFP80]          | (698)        |
| NXP | S9S12XS64              | (ISP)            | (138) (9997) |
| NXP | S9S12XS64              | [LQFP112]        | (699)        |
| NXP | S9S12XS64              | [LQFP64]         | (2309)       |
| NXP | S9S12XS64              | [QFP80]          | (698)        |
| NXP | S9S12ZVL16             | [LQFP32]         | (4041)       |
| NXP | S9S12ZVL16             | [LQFP48]         | (4016)       |
| NXP | S9S12ZVL32             | (ISP)            | (138) (9997) |
| NXP | S9S12ZVL32             | [LQFP32]         | (4041)       |
| NXP | S9S12ZVL32             | [LQFP48]         | (4016)       |
| NXP | S9S12ZVL8              | [LQFP32]         | (4041)       |
| NXP | S9S12ZVL8              | [LQFP48]         | (4016)       |
| NXP | S9S12ZVLS1             | [QFN32]          | (4089)       |
| NXP | S9S12ZVLS3             | [QFN32]          | (4089)       |
| NXP | SAF7780HL/10010        | [LQFP176]        | (974)        |
| NXP | SAF7780HL/10011        | (0611) [LQFP176] | (974)        |
| NXP | SAF7780HL/10011        | [LQFP176]        | (974)        |
| NXP | SAF7780HL/107C         | [LQFP176]        | (974)        |
| NXP | SE97                   | (ISP)            | (138)        |
| NXP | SE97                   | [HVSON8]         | (1420)       |
| NXP | SE97                   | [HWSON8]         | (2995)       |
| NXP | SE97                   | [HXSON8]         | (4538)       |
| NXP | SE97                   | [TSSOP8]         | (121)        |
| NXP | SE97B                  | (ISP)            | (138)        |
| NXP | SE97B                  | [HWSON8]         | (2995)       |
| NXP | SPC5601D               | (ISP)            | (138) (9997) |
| NXP | SPC5602D               | (ISP)            | (138) (9997) |
| NXP | SPC5603P               | [LQFP100]        | (4501)       |
| NXP | SPC5604P               | [LQFP100]        | (4501)       |
| NXP | SPC5777C               | [MAPBGA416]      | (4261)       |
| NXP | TDA11000-128kB         | [QIP90]          | (795)        |
| NXP | TDA11000H/N1-128kB     | [QFP128]         | (797)        |
| NXP | TDA11000H1-128kB       | [QFP128]         | (798)        |
| NXP | TDA11000H-128kB        | [QFP128]         | (797)        |
| NXP | TDA11001-128kB         | [QIP90]          | (795)        |
| NXP | TDA11001H/N1-128kB     | [QFP128]         | (797)        |
| NXP | TDA11001H/N1E00-128kB  | [QFP128]         | (797)        |
| NXP | TDA11001H1-128kB       | [QFP128]         | (798)        |
| NXP | TDA11001H-128kB        | [QFP128]         | (797)        |
| NXP | TDA11004PQ-128kB       | [QIP90]          | (796)        |
| NXP | TDA11005PQ-128kB       | [QIP90]          | (796)        |
| NXP | TDA11010-128kB         | [QIP90]          | (795)        |
| NXP | TDA11010H/N1-128kB     | [QFP128]         | (797)        |
| NXP | TDA11010H/N1D00-128kB  | [QFP128]         | (797)        |
| NXP | TDA11010H/N1E00-128kB  | [QFP128]         | (797)        |
| NXP | TDA11010H/N1F00-128kB  | [QFP128]         | (797)        |
| NXP | TDA11010H1/N1-128kB    | [QFP128]         | (798)        |
| NXP | TDA11010H1/N1E00-128kB | [QFP128]         | (798)        |
| NXP | TDA11010H1/N1F00-128kB | [QFP128]         | (798)        |
| NXP | TDA11010H1-128kB       | [QFP128]         | (798)        |
| NXP | TDA11010H-128kB        | [QFP128]         | (797)        |
| NXP | TDA11010PQ/N1-128kB    | [QIP90]          | (796)        |
| NXP | TDA11010PQ/N1F00-128kB | [QIP90]          | (796)        |
| NXP | TDA11010PQ-128kB       | [QIP90]          | (796)        |
| NXP | TDA11011-128kB         | [QIP90]          | (795)        |
| NXP | TDA11011H1-128kB       | [QFP128]         | (798)        |
| NXP | TDA11011H-128kB        | [QFP128]         | (797)        |
| NXP | TDA11014PQ-128kB       | [QIP90]          | (796)        |
| NXP | TDA11015PQ-128kB       | [QIP90]          | (796)        |
| NXP | TDA11020-128kB         | [QIP90]          | (795)        |
| NXP | TDA11020H/N1-128kB     | [QFP128]         | (797)        |
| NXP | TDA11020H/N1E00-128kB  | [QFP128]         | (797)        |
| NXP | TDA11020H/N1F00-128kB  | [QFP128]         | (797)        |
| NXP | TDA11020H1/N1-128kB    | [QFP128]         | (798)        |
| NXP | TDA11020H1/N1F00-128kB | [QFP128]         | (798)        |
| NXP | TDA11020H1-128kB       | [QFP128]         | (798)        |
| NXP | TDA11020H-128kB        | [QFP128]         | (797)        |
| NXP | TDA11020PQ/N1-128kB    | [QIP90]          | (796)        |
| NXP | TDA11020PQ/N1F00-128kB | [QIP90]          | (796)        |
| NXP | TDA11020PQ-128kB       | [QIP90]          | (796)        |
| NXP | TDA11021-128kB         | [QIP90]          | (795)        |

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| NXP | TDA11021H1-128kB [QFP128]    | (798)  |
| NXP | TDA11021H-128kB [QFP128]     | (797)  |
| NXP | TDA11024PQ-128kB [QIP90]     | (796)  |
| NXP | TDA11025PQ-128kB [QIP90]     | (796)  |
| NXP | TDA11105H/N1 [QFP80]         | (1037) |
| NXP | TDA11105H/N2 [QFP80]         | (1037) |
| NXP | TDA11105H/N2/3/AC8 [QFP80]   | (1037) |
| NXP | TDA11105H/N3 [QFP80]         | (1037) |
| NXP | TDA11105H1/N1 [QFP80]        | (1038) |
| NXP | TDA11105H1/N2 [QFP80]        | (1038) |
| NXP | TDA11105H1/N2/3/AA1 [QFP80]  | (1038) |
| NXP | TDA11105H1/N3 [QFP80]        | (1038) |
| NXP | TDA11105PS/N1/3 [SDIP64]     | (916)  |
| NXP | TDA11105PS/N2/3 [SDIP64]     | (916)  |
| NXP | TDA11105PS/N2/3/AA4 [SDIP64] | (916)  |
| NXP | TDA11105PS/N2/3/AA6 [SDIP64] | (916)  |
| NXP | TDA11105PS/N2/3/AB4 [SDIP64] | (916)  |
| NXP | TDA11105PS/N2/3/AB6 [SDIP64] | (916)  |
| NXP | TDA11105PS/N2/3/AC7 [SDIP64] | (916)  |
| NXP | TDA11105PS/N2/3/AC9 [SDIP64] | (916)  |
| NXP | TDA11105PS/N2/3/AE7 [SDIP64] | (916)  |
| NXP | TDA11105PS/N2/3/AG2 [SDIP64] | (916)  |
| NXP | TDA11105PS/N2/3S [SDIP64]    | (916)  |
| NXP | TDA11105PS/N3/3 [SDIP64]     | (916)  |
| NXP | TDA11105PS/V3/3 [SDIP64]     | (916)  |
| NXP | TDA11106H/N1 [QFP80]         | (1037) |
| NXP | TDA11106H/N2 [QFP80]         | (1037) |
| NXP | TDA11106H/N3 [QFP80]         | (1037) |
| NXP | TDA11106H1/N1 [QFP80]        | (1038) |
| NXP | TDA11106H1/N2 [QFP80]        | (1038) |
| NXP | TDA11106H1/N2/3/AA7 [QFP80]  | (1038) |
| NXP | TDA11106H1/N2/3/AA8 [QFP80]  | (1038) |
| NXP | TDA11106H1/N2/3/AG4 [QFP80]  | (1038) |
| NXP | TDA11106H1/N3 [QFP80]        | (1038) |
| NXP | TDA11106PS/N1/3 [SDIP64]     | (916)  |
| NXP | TDA11106PS/N2/3 [SDIP64]     | (916)  |
| NXP | TDA11106PS/N2/3/AB5 [SDIP64] | (916)  |
| NXP | TDA11106PS/N3/3 [SDIP64]     | (916)  |
| NXP | TDA11106PS/V3/3 [SDIP64]     | (916)  |
| NXP | TDA11112H/N1 [QFP80]         | (1037) |
| NXP | TDA11112H/N2 [QFP80]         | (1037) |
| NXP | TDA11112H/N3 [QFP80]         | (1037) |
| NXP | TDA11112H1/N1 [QFP80]        | (1038) |
| NXP | TDA11112H1/N2 [QFP80]        | (1038) |
| NXP | TDA11112H1/N3 [QFP80]        | (1038) |
| NXP | TDA11112PS/N1/3 [SDIP64]     | (916)  |
| NXP | TDA11112PS/N2/3 [SDIP64]     | (916)  |
| NXP | TDA11112PS/N3/3 [SDIP64]     | (916)  |
| NXP | TDA11112PS/V3/3 [SDIP64]     | (916)  |
| NXP | TDA11115H/N1 [QFP80]         | (1037) |
| NXP | TDA11115H/N2 [QFP80]         | (1037) |
| NXP | TDA11115H/N3 [QFP80]         | (1037) |
| NXP | TDA11115H1/N1 [QFP80]        | (1038) |
| NXP | TDA11115H1/N1/3/AB2 [QFP80]  | (1038) |
| NXP | TDA11115H1/N2 [QFP80]        | (1038) |
| NXP | TDA11115H1/N2/3/AD2 [QFP80]  | (1038) |
| NXP | TDA11115H1/N3 [QFP80]        | (1038) |
| NXP | TDA11115PS/N1/3 [SDIP64]     | (916)  |
| NXP | TDA11115PS/N2/3 [SDIP64]     | (916)  |
| NXP | TDA11115PS/N3/3 [SDIP64]     | (916)  |
| NXP | TDA11115PS/V3/3 [SDIP64]     | (916)  |
| NXP | TDA11116H/N1 [QFP80]         | (1037) |
| NXP | TDA11116H/N2 [QFP80]         | (1037) |
| NXP | TDA11116H/N3 [QFP80]         | (1037) |
| NXP | TDA11116H1/N1 [QFP80]        | (1038) |
| NXP | TDA11116H1/N1/3/AB1 [QFP80]  | (1038) |
| NXP | TDA11116H1/N2 [QFP80]        | (1038) |
| NXP | TDA11116H1/N2/3/AD7 [QFP80]  | (1038) |
| NXP | TDA11116H1/N3 [QFP80]        | (1038) |
| NXP | TDA11116PS/N1/3 [SDIP64]     | (916)  |
| NXP | TDA11116PS/N2/3 [SDIP64]     | (916)  |
| NXP | TDA11116PS/N3/3 [SDIP64]     | (916)  |
| NXP | TDA11116PS/V3/3 [SDIP64]     | (916)  |
| NXP | TDA11125H/N1 [QFP80]         | (1037) |
| NXP | TDA11125H/N2 [QFP80]         | (1037) |
| NXP | TDA11125H/N3 [QFP80]         | (1037) |
| NXP | TDA11125H1/N1 [QFP80]        | (1038) |
| NXP | TDA11125H1/N2 [QFP80]        | (1038) |
| NXP | TDA11125H1/N3 [QFP80]        | (1038) |
| NXP | TDA11125PS/N1/3 [SDIP64]     | (916)  |
| NXP | TDA11125PS/N2/3 [SDIP64]     | (916)  |
| NXP | TDA11125PS/N3/3 [SDIP64]     | (916)  |
| NXP | TDA11125PS/V3/3 [SDIP64]     | (916)  |
| NXP | TDA11126H/N1 [QFP80]         | (1037) |
| NXP | TDA11126H/N2 [QFP80]         | (1037) |
| NXP | TDA11126H/N3 [QFP80]         | (1037) |
| NXP | TDA11126H1/N1 [QFP80]        | (1038) |
| NXP | TDA11126H1/N2 [QFP80]        | (1038) |
| NXP | TDA11126H1/N3 [QFP80]        | (1038) |
| NXP | TDA11126PS/N1/3 [SDIP64]     | (916)  |
| NXP | TDA11126PS/N2/3 [SDIP64]     | (916)  |
| NXP | TDA11126PS/N2/3/AA3 [SDIP64] | (916)  |
| NXP | TDA11126PS/N3/3 [SDIP64]     | (916)  |
| NXP | TDA11126PS/V3/3 [SDIP64]     | (916)  |
| NXP | TDA11135H/N1 [QFP80]         | (1037) |
| NXP | TDA11135H/N2 [QFP80]         | (1037) |
| NXP | TDA11135H/N3 [QFP80]         | (1037) |
| NXP | TDA11135H1/N1 [QFP80]        | (1038) |
| NXP | TDA11135H1/N2 [QFP80]        | (1038) |
| NXP | TDA11135H1/N3 [QFP80]        | (1038) |
| NXP | TDA11135PS/N1/3 [SDIP64]     | (916)  |
| NXP | TDA11135PS/N2/3 [SDIP64]     | (916)  |
| NXP | TDA11135PS/N2/3/AA9 [SDIP64] | (916)  |
| NXP | TDA11135PS/N2/3/AC4 [SDIP64] | (916)  |
| NXP | TDA11135PS/N2/3S [SDIP64]    | (916)  |
| NXP | TDA11135PS/N3/3 [SDIP64]     | (916)  |
| NXP | TDA11135PS/V3/3 [SDIP64]     | (916)  |
| NXP | TDA11136H/N1 [QFP80]         | (1037) |
| NXP | TDA11136H/N2 [QFP80]         | (1037) |
| NXP | TDA11136H/N3 [QFP80]         | (1037) |
| NXP | TDA11136H1/N1 [QFP80]        | (1038) |
| NXP | TDA11136H1/N2 [QFP80]        | (1038) |
| NXP | TDA11136H1/N3 [QFP80]        | (1038) |
| NXP | TDA11136PS/N1/3 [SDIP64]     | (916)  |
| NXP | TDA11136PS/N2/3 [SDIP64]     | (916)  |
| NXP | TDA11136PS/N3/3 [SDIP64]     | (916)  |
| NXP | TDA11136PS/V3/3 [SDIP64]     | (916)  |
| NXP | TDA11142H/N1 [QFP80]         | (1037) |
| NXP | TDA11142H/N2 [QFP80]         | (1037) |
| NXP | TDA11142H/N3 [QFP80]         | (1037) |
| NXP | TDA11142H1/N1 [QFP80]        | (1038) |
| NXP | TDA11142H1/N2 [QFP80]        | (1038) |
| NXP | TDA11142H1/N3 [QFP80]        | (1038) |
| NXP | TDA11142PS/N1/3 [SDIP64]     | (916)  |
| NXP | TDA11142PS/N2/3 [SDIP64]     | (916)  |
| NXP | TDA11142PS/N3/3 [SDIP64]     | (916)  |
| NXP | TDA11142PS/V3/3 [SDIP64]     | (916)  |
| NXP | TDA11145H/N1 [QFP80]         | (1037) |

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| NXP | TDA11145H/N2              | [QFP80]  | (1037) |
| NXP | TDA11145H/N3              | [QFP80]  | (1037) |
| NXP | TDA11145H1/N1             | [QFP80]  | (1038) |
| NXP | TDA11145H1/N2             | [QFP80]  | (1038) |
| NXP | TDA11145H1/N3             | [QFP80]  | (1038) |
| NXP | TDA11145PS/N1/3           | [SDIP64] | (916)  |
| NXP | TDA11145PS/N2/3           | [SDIP64] | (916)  |
| NXP | TDA11145PS/N3/3           | [SDIP64] | (916)  |
| NXP | TDA11145PS/V3/3           | [SDIP64] | (916)  |
| NXP | TDA11146H/N1              | [QFP80]  | (1037) |
| NXP | TDA11146H/N2              | [QFP80]  | (1037) |
| NXP | TDA11146H/N3              | [QFP80]  | (1037) |
| NXP | TDA11146H1/N1             | [QFP80]  | (1038) |
| NXP | TDA11146H1/N2             | [QFP80]  | (1038) |
| NXP | TDA11146H1/N3             | [QFP80]  | (1038) |
| NXP | TDA11146PS/N1/3           | [SDIP64] | (916)  |
| NXP | TDA11146PS/N2/3           | [SDIP64] | (916)  |
| NXP | TDA11146PS/N3/3           | [SDIP64] | (916)  |
| NXP | TDA11146PS/V3/3           | [SDIP64] | (916)  |
| NXP | TDA11155H/N1              | [QFP80]  | (1037) |
| NXP | TDA11155H/N2              | [QFP80]  | (1037) |
| NXP | TDA11155H/N3              | [QFP80]  | (1037) |
| NXP | TDA11155H1/N1             | [QFP80]  | (1038) |
| NXP | TDA11155H1/N2             | [QFP80]  | (1038) |
| NXP | TDA11155H1/N3             | [QFP80]  | (1038) |
| NXP | TDA11155PS/N1/3           | [SDIP64] | (916)  |
| NXP | TDA11155PS/N2/3           | [SDIP64] | (916)  |
| NXP | TDA11155PS/N3/3           | [SDIP64] | (916)  |
| NXP | TDA11155PS/V3/3           | [SDIP64] | (916)  |
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| NXP | TDA11156H/N3              | [QFP80]  | (1037) |
| NXP | TDA11156H1/N1             | [QFP80]  | (1038) |
| NXP | TDA11156H1/N2             | [QFP80]  | (1038) |
| NXP | TDA11156H1/N3             | [QFP80]  | (1038) |
| NXP | TDA11156PS/N1/3           | [SDIP64] | (916)  |
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| NXP | TDA11156PS/N3/3           | [SDIP64] | (916)  |
| NXP | TDA11156PS/V3/3           | [SDIP64] | (916)  |
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| NXP | TDA12000-256kB            | [QIP90]  | (795)  |
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| NXP | TDA12000H/N1-256kB        | [QFP128] | (797)  |
| NXP | TDA12000H/N1F00-128kB     | [QFP128] | (797)  |
| NXP | TDA12000H/N1F00-256kB     | [QFP128] | (797)  |
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| NXP | TDA15021H/N1A11-128kB    | [QFP128] | (797) |
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| NXP | TDA15041H1/N1-128kB      | [QFP128] | (798) |
| NXP | TDA15041H1/N1-256kB      | [QFP128] | (798) |
| NXP | TDA15041H1-128kB         | [QFP128] | (798) |
| NXP | TDA15041H1-256kB         | [QFP128] | (798) |
| NXP | TDA15041H-128kB          | [QFP128] | (797) |
| NXP | TDA15041H-256kB          | [QFP128] | (797) |
| NXP | TDA15050PQ/N1-128kB      | [QIP90]  | (796) |
| NXP | TDA15050PQ-128kB         | [QIP90]  | (796) |
| NXP | TDA15052PQ/N1-128kB      | [QIP90]  | (796) |
| NXP | TDA15052PQ-128kB         | [QIP90]  | (796) |
| NXP | TDA15060-128kB           | [QIP90]  | (795) |
| NXP | TDA15060H/N1-128kB       | [QFP128] | (797) |
| NXP | TDA15060H1/N1-128kB      | [QFP128] | (798) |
| NXP | TDA15060H1-128kB         | [QFP128] | (798) |
| NXP | TDA15060H-128kB          | [QFP128] | (797) |
| NXP | TDA15062-128kB           | [QIP90]  | (795) |
| NXP | TDA15062-256kB           | [QIP90]  | (795) |
| NXP | TDA15062H/N1-128kB       | [QFP128] | (797) |
| NXP | TDA15062H/N1-256kB       | [QFP128] | (797) |
| NXP | TDA15062H/N1C00-128kB    | [QFP128] | (797) |
| NXP | TDA15062H/N1C00-256kB    | [QFP128] | (797) |
| NXP | TDA15062H1/N1-128kB      | [QFP128] | (798) |
| NXP | TDA15062H1/N1-256kB      | [QFP128] | (798) |
| NXP | TDA15062H1/N1C00-128kB   | [QFP128] | (798) |
| NXP | TDA15062H1/N1C00-256kB   | [QFP128] | (798) |
| NXP | TDA15062H1/N1C81-128kB   | [QFP128] | (798) |
| NXP | TDA15062H1/N1C81-256kB   | [QFP128] | (798) |
| NXP | TDA15062H1-128kB         | [QFP128] | (798) |
| NXP | TDA15062H1-256kB         | [QFP128] | (798) |
| NXP | TDA15062H-128kB          | [QFP128] | (797) |
| NXP | TDA15062H-256kB          | [QFP128] | (797) |
| NXP | TDA15063-128kB           | [QIP90]  | (795) |
| NXP | TDA15063-256kB           | [QIP90]  | (795) |
| NXP | TDA15063H/N1-128kB       | [QFP128] | (797) |

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| NXP | TDA15063H/N1-256kB [QFP128]     | (797) |
| NXP | TDA15063H/N1A00-128kB [QFP128]  | (797) |
| NXP | TDA15063H/N1A00-256kB [QFP128]  | (797) |
| NXP | TDA15063H/N1B00-128kB [QFP128]  | (797) |
| NXP | TDA15063H/N1B00-256kB [QFP128]  | (797) |
| NXP | TDA15063H/N1B06-128kB [QFP128]  | (797) |
| NXP | TDA15063H/N1B06-256kB [QFP128]  | (797) |
| NXP | TDA15063H/N1C00-128kB [QFP128]  | (797) |
| NXP | TDA15063H/N1C00-256kB [QFP128]  | (797) |
| NXP | TDA15063H/N1C02-128kB [QFP128]  | (797) |
| NXP | TDA15063H/N1C02-256kB [QFP128]  | (797) |
| NXP | TDA15063H/N1C06-128kB [QFP128]  | (797) |
| NXP | TDA15063H/N1C06-256kB [QFP128]  | (797) |
| NXP | TDA15063H1/N1-128kB [QFP128]    | (798) |
| NXP | TDA15063H1/N1-256kB [QFP128]    | (798) |
| NXP | TDA15063H1/N1B00-128kB [QFP128] | (798) |
| NXP | TDA15063H1/N1B00-256kB [QFP128] | (798) |
| NXP | TDA15063H1/N1C00-128kB [QFP128] | (798) |
| NXP | TDA15063H1/N1C00-256kB [QFP128] | (798) |
| NXP | TDA15063H1/N1C80-128kB [QFP128] | (798) |
| NXP | TDA15063H1/N1C80-256kB [QFP128] | (798) |
| NXP | TDA15063H1/N1C81-128kB [QFP128] | (798) |
| NXP | TDA15063H1/N1C81-256kB [QFP128] | (798) |
| NXP | TDA15063H1-128kB [QFP128]       | (798) |
| NXP | TDA15063H1-256kB [QFP128]       | (798) |
| NXP | TDA15063H-128kB [QFP128]        | (797) |
| NXP | TDA15063H-256kB [QFP128]        | (797) |
| NXP | TDA15064PQ/N1-128kB [QIP90]     | (796) |
| NXP | TDA15064PQ/N1-256kB [QIP90]     | (796) |
| NXP | TDA15064PQ-128kB [QIP90]        | (796) |
| NXP | TDA15064PQ-256kB [QIP90]        | (796) |
| NXP | TDA15065PQ/N1-128kB [QIP90]     | (796) |
| NXP | TDA15065PQ/N1-256kB [QIP90]     | (796) |
| NXP | TDA15065PQ-128kB [QIP90]        | (796) |
| NXP | TDA15065PQ-256kB [QIP90]        | (796) |
| NXP | TDA15070-128kB [QIP90]          | (795) |
| NXP | TDA15070H/N1-128kB [QFP128]     | (797) |
| NXP | TDA15070H/N1C00-128kB [QFP128]  | (797) |
| NXP | TDA15070H1/N1-128kB [QFP128]    | (798) |
| NXP | TDA15070H1-128kB [QFP128]       | (798) |
| NXP | TDA15070H-128kB [QFP128]        | (797) |
| NXP | TDA15072-128kB [QIP90]          | (795) |
| NXP | TDA15072-256kB [QIP90]          | (795) |
| NXP | TDA15072H/N1-128kB [QFP128]     | (797) |
| NXP | TDA15072H/N1-256kB [QFP128]     | (797) |
| NXP | TDA15072H/N1C00-128kB [QFP128]  | (797) |
| NXP | TDA15072H/N1C00-256kB [QFP128]  | (797) |
| NXP | TDA15072H1/N1-128kB [QFP128]    | (798) |
| NXP | TDA15072H1/N1-256kB [QFP128]    | (798) |
| NXP | TDA15072H1-128kB [QFP128]       | (798) |
| NXP | TDA15072H1-256kB [QFP128]       | (798) |
| NXP | TDA15072H-128kB [QFP128]        | (797) |
| NXP | TDA15072H-256kB [QFP128]        | (797) |
| NXP | TDA15073-128kB [QIP90]          | (795) |
| NXP | TDA15073-256kB [QIP90]          | (795) |
| NXP | TDA15073H/N1-128kB [QFP128]     | (797) |
| NXP | TDA15073H/N1-256kB [QFP128]     | (797) |
| NXP | TDA15073H/N1C00-128kB [QFP128]  | (797) |
| NXP | TDA15073H/N1C00-256kB [QFP128]  | (797) |
| NXP | TDA15073H1/N1-128kB [QFP128]    | (798) |
| NXP | TDA15073H1/N1-256kB [QFP128]    | (798) |
| NXP | TDA15073H1/N1C00-128kB [QFP128] | (798) |
| NXP | TDA15073H1/N1C00-256kB [QFP128] | (798) |
| NXP | TDA15073H1/N1C80-128kB [QFP128] | (798) |
| NXP | TDA15073H1/N1C80-256kB [QFP128] | (798) |
| NXP | TDA15073H1/N1C81-128kB [QFP128] | (798) |
| NXP | TDA15073H1/N1C81-256kB [QFP128] | (798) |
| NXP | TDA15073H1-128kB [QFP128]       | (798) |
| NXP | TDA15073H1-256kB [QFP128]       | (798) |
| NXP | TDA15073H-128kB [QFP128]        | (797) |
| NXP | TDA15073H-256kB [QFP128]        | (797) |
| NXP | TDA15074PQ/N1-128kB [QIP90]     | (796) |
| NXP | TDA15074PQ/N1-256kB [QIP90]     | (796) |
| NXP | TDA15074PQ-128kB [QIP90]        | (796) |
| NXP | TDA15074PQ-256kB [QIP90]        | (796) |
| NXP | TDA15075PQ/N1-128kB [QIP90]     | (796) |
| NXP | TDA15075PQ/N1-256kB [QIP90]     | (796) |
| NXP | TDA15075PQ-128kB [QIP90]        | (796) |
| NXP | TDA15075PQ-256kB [QIP90]        | (796) |
| NXP | UOCIIIN1A-128kB [QFP128]        | (797) |
| NXP | UOCIIIN1A-128kB [QFP128] (FD)   | (798) |
| NXP | UOCIIIN1A-128kB [QIP90]         | (795) |
| NXP | UOCIIIN1A-128kB [QIP90] (FD)    | (796) |
| NXP | UOCIIIN1A-256kB [QFP128]        | (797) |
| NXP | UOCIIIN1A-256kB [QFP128] (FD)   | (798) |
| NXP | UOCIIIN1A-256kB [QIP90]         | (795) |
| NXP | UOCIIIN1A-256kB [QIP90] (FD)    | (796) |
| NXP | UOCIIIN1B-128kB [QFP128]        | (797) |
| NXP | UOCIIIN1B-128kB [QFP128] (FD)   | (798) |
| NXP | UOCIIIN1B-128kB [QIP90]         | (795) |
| NXP | UOCIIIN1B-128kB [QIP90] (FD)    | (796) |
| NXP | UOCIIIN1B-256kB [QFP128]        | (797) |
| NXP | UOCIIIN1B-256kB [QFP128] (FD)   | (798) |
| NXP | UOCIIIN1B-256kB [QIP90]         | (795) |
| NXP | UOCIIIN1B-256kB [QIP90] (FD)    | (796) |
| NXP | UOCIIIN1D-128kB [QFP128]        | (797) |
| NXP | UOCIIIN1D-128kB [QFP128] (FD)   | (798) |
| NXP | UOCIIIN1D-128kB [QIP90]         | (795) |
| NXP | UOCIIIN1D-128kB [QIP90] (FD)    | (796) |
| NXP | UOCIIIN1D-256kB [QFP128]        | (797) |
| NXP | UOCIIIN1D-256kB [QFP128] (FD)   | (798) |
| NXP | UOCIIIN1D-256kB [QIP90]         | (795) |
| NXP | UOCIIIN1D-256kB [QIP90] (FD)    | (796) |
| NXP | UOCIIIN1E-128kB [QFP128]        | (797) |
| NXP | UOCIIIN1E-128kB [QFP128] (FD)   | (798) |
| NXP | UOCIIIN1E-128kB [QIP90]         | (795) |
| NXP | UOCIIIN1E-128kB [QIP90] (FD)    | (796) |
| NXP | UOCIIIN1E-256kB [QFP128]        | (797) |
| NXP | UOCIIIN1E-256kB [QFP128] (FD)   | (798) |
| NXP | UOCIIIN1E-256kB [QIP90]         | (795) |
| NXP | UOCIIIN1E-256kB [QIP90] (FD)    | (796) |
| NXP | UOCIIIN1F-128kB [QFP128]        | (797) |
| NXP | UOCIIIN1F-128kB [QFP128] (FD)   | (798) |
| NXP | UOCIIIN1F-128kB [QIP90]         | (795) |
| NXP | UOCIIIN1F-128kB [QIP90] (FD)    | (796) |
| OKI | MR26V25605J [SSOP70]            | (647) |
| OKI | MR26V25655J [SSOP70]            | (647) |
| OKI | MR27C1602B                      |       |
| OKI | MR27C1602B [PSOP44]             | (65)  |
| OKI | MR27V1602D                      |       |
| OKI | MR27V1602D [PSOP44]             | (65)  |
| OKI | MR27V1602D [TSOP44]             | (149) |
| OKI | MR27V1602E [PSOP44]             | (65)  |
| OKI | MR27V1602E [TSOP44]             | (149) |

|     |             |             |       |
|-----|-------------|-------------|-------|
| OKI | MR27V1602E  | [TSOP48]    | (57)  |
| OKI | MR27V1602F  |             |       |
| OKI | MR27V1602F  | [PSOP44]    | (65)  |
| OKI | MR27V1602F  | [TSOP44]    | (149) |
| OKI | MR27V1602F  | [TSOP48]    | (57)  |
| OKI | MR27V1652D  |             |       |
| OKI | MR27V1652D  | [PSOP44]    | (65)  |
| OKI | MR27V1652D  | [TSOP44]    | (149) |
| OKI | MR27V1652E  |             |       |
| OKI | MR27V1652E  | [PSOP44]    | (65)  |
| OKI | MR27V3202D  | [PSOP44]    | (65)  |
| OKI | MR27V3202E  | [PSOP44]    | (65)  |
| OKI | MR27V3202E  | [TSOP44]    | (149) |
| OKI | MR27V3202F  | [PSOP44]    | (65)  |
| OKI | MR27V3202F  | [TSOP44]    | (149) |
| OKI | MR27V3202F  | [TSOP48]    | (57)  |
| OKI | MR27V3252D  | [PSOP44]    | (65)  |
| OKI | MR27V401D   |             |       |
| OKI | MR27V401D   | [SOIC32]    | (98)  |
| OKI | MR27V401D   | [TSOP32]    | (655) |
| OKI | MR27V401E   | [SOIC32]    | (98)  |
| OKI | MR27V401E   | [TSOP32]    | (655) |
| OKI | MR27V402D   |             |       |
| OKI | MR27V402D   | [SOIC40]    | (98)  |
| OKI | MR27V402D   | [TSOP44]    | (149) |
| OKI | MR27V402E   |             |       |
| OKI | MR27V402E   | [SOIC40]    | (98)  |
| OKI | MR27V402E   | [SOJ42]     | (98)  |
| OKI | MR27V402E   | [TSOP44]    | (149) |
| OKI | MR27V402F   | [SOJ42]     | (98)  |
| OKI | MR27V402F   | [TSOP48]    | (57)  |
| OKI | MR27V452D   |             |       |
| OKI | MR27V452D   | [SOIC40]    | (98)  |
| OKI | MR27V452D   | [TSOP44]    | (149) |
| OKI | MR27V6402D  | [PSOP44]    | (65)  |
| OKI | MR27V6402D  | [TSOP44]    | (149) |
| OKI | MR27V6402D  | [TSOP48]    | (57)  |
| OKI | MR27V6402G  | [PSOP44]    | (65)  |
| OKI | MR27V6402G  | [TSOP44]    | (149) |
| OKI | MR27V6402G  | [TSOP48]    | (57)  |
| OKI | MR27V801D   |             |       |
| OKI | MR27V801D   | [SOIC32]    | (98)  |
| OKI | MR27V801D   | [TSOP32]    | (655) |
| OKI | MR27V802D   |             |       |
| OKI | MR27V802D   | [SOIC44]    | (65)  |
| OKI | MR27V802D   | [TSOP44]    | (149) |
| OKI | MR27V802F   | [SOIC44]    | (65)  |
| OKI | MR27V802F   | [TSOP48]    | (57)  |
| OKI | MR27V852D   |             |       |
| OKI | MR27V852D   | [SOIC44]    | (65)  |
| OKI | MR27V852D   | [TSOP44]    | (149) |
| OKI | MR27V852E   |             |       |
| OKI | MR27V852E   | [SOJ42]     | (98)  |
| OKI | MR44V064A   | (ISP)       | (138) |
| OKI | MR44V064A   | [SOP8]      | (950) |
| OKI | MR45V032A   | (ISP)       | (138) |
| OKI | MR45V032A   | [SOP8]      | (950) |
| OKI | MR45V256A   | (ISP)       | (138) |
| OKI | MR45V256A   | [SOP8]      | (950) |
| OKI | MR48V256A   | [TSOP28]    | (54)  |
| OKI | MSM16811    |             |       |
| OKI | MSM16811    | (ISP)       | (138) |
| OKI | MSM16811    | (x8)        |       |
| OKI | MSM16811    | (x8) (ISP)  | (138) |
| OKI | MSM16811    | (x8) [SOP8] | (950) |
| OKI | MSM16811    | [SOP8]      | (950) |
| OKI | MSM16811P   |             |       |
| OKI | MSM16812    |             |       |
| OKI | MSM16812    | (ISP)       | (138) |
| OKI | MSM16812    | (x8)        |       |
| OKI | MSM16812    | (x8) (ISP)  | (138) |
| OKI | MSM16812    | (x8) [SOP8] | (950) |
| OKI | MSM16812    | [SOP8]      | (950) |
| OKI | MSM16851P   |             |       |
| OKI | MSM16851P   | (ISP)       | (138) |
| OKI | MSM16851P   | (x8)        |       |
| OKI | MSM16851P   | (x8) (ISP)  | (138) |
| OKI | MSM16851P   | (x8) [SOP8] | (950) |
| OKI | MSM16851P   | [SOP8]      | (950) |
| OKI | MSM16911    |             |       |
| OKI | MSM16911    | (ISP)       | (138) |
| OKI | MSM16911    | (x8)        |       |
| OKI | MSM16911    | (x8) (ISP)  | (138) |
| OKI | MSM16911    | (x8) [SOP8] | (950) |
| OKI | MSM16911    | [SOP8]      | (950) |
| OKI | MSM16912    |             |       |
| OKI | MSM16912    | (ISP)       | (138) |
| OKI | MSM16912    | (x8)        |       |
| OKI | MSM16912    | (x8) (ISP)  | (138) |
| OKI | MSM16912    | (x8) [SOP8] | (950) |
| OKI | MSM16912    | [SOP8]      | (950) |
| OKI | MSM16951    |             |       |
| OKI | MSM16951    | (ISP)       | (138) |
| OKI | MSM16951    | (x8)        |       |
| OKI | MSM16951    | (x8) (ISP)  | (138) |
| OKI | MSM16951    | (x8) [SOP8] | (950) |
| OKI | MSM16951    | [SOP8]      | (950) |
| OKI | MSM2708     |             | (2)   |
| OKI | MSM271000   |             |       |
| OKI | MSM271000ZB |             |       |
| OKI | MSM271024   |             |       |
| OKI | MSM271024ZB |             |       |
| OKI | MSM27128    |             |       |
| OKI | MSM27128A   |             |       |
| OKI | MSM27128AS  |             |       |
| OKI | MSM27128AZB |             |       |
| OKI | MSM2716     |             |       |
| OKI | MSM2716AS   |             |       |
| OKI | MSM272000   |             |       |
| OKI | MSM27256    |             |       |
| OKI | MSM27256A   |             |       |
| OKI | MSM27256AS  |             |       |
| OKI | MSM27256HZB |             |       |
| OKI | MSM27256ZB  |             |       |
| OKI | MSM27256ZC  |             |       |
| OKI | MSM2732     |             |       |
| OKI | MSM2732A    |             |       |
| OKI | MSM27512    |             |       |
| OKI | MSM27512AS  |             |       |
| OKI | MSM27512ZB  |             |       |
| OKI | MSM2758     |             |       |
| OKI | MSM2764     |             |       |
| OKI | MSM2764A    |             |       |
| OKI | MSM2764AS   |             |       |
| OKI | MSM2764AZB  |             |       |
| OKI | MSM2764RS   |             |       |
| OKI | MSM27C101   |             |       |
| OKI | MSM27C101H  |             |       |

|                  |                            |        |
|------------------|----------------------------|--------|
| OKI              | MSM27C101ZB                |        |
| OKI              | MSM27C101ZB [SOIC32]       | (98)   |
| OKI              | MSM27C101ZB [TSOP32]       | (655)  |
| OKI              | MSM27C1024                 |        |
| OKI              | MSM27C1024AS               |        |
| OKI              | MSM27C121ZB                |        |
| OKI              | MSM27C121ZB [SOIC32]       | (98)   |
| OKI              | MSM27C121ZB [TSOP32]       | (655)  |
| OKI              | MSM27C128AS                |        |
| OKI              | MSM27C131ZB                |        |
| OKI              | MSM27C131ZB [SOIC32]       | (98)   |
| OKI              | MSM27C131ZB [TSOP32]       | (655)  |
| OKI              | MSM27C1602CZ               |        |
| OKI              | MSM27C1602CZ [PSOP44]      | (65)   |
| OKI              | MSM27C1652CZ               |        |
| OKI              | MSM27C1652CZ [PSOP44]      | (65)   |
| OKI              | MSM27C2000                 |        |
| OKI              | MSM27C2000ZB               |        |
| OKI              | MSM27C201CZ                |        |
| OKI              | MSM27C201CZ [SOIC32]       | (98)   |
| OKI              | MSM27C201CZ [TSOP32]       | (655)  |
| OKI              | MSM27C201ZB                |        |
| OKI              | MSM27C201ZB [SOIC32]       | (98)   |
| OKI              | MSM27C201ZB [TSOP32]       | (655)  |
| OKI              | MSM27C2048                 |        |
| OKI              | MSM27C221ZB                |        |
| OKI              | MSM27C221ZB [SOIC32]       | (98)   |
| OKI              | MSM27C221ZB [TSOP32]       | (655)  |
| OKI              | MSM27C231ZB                |        |
| OKI              | MSM27C231ZB [SOIC32]       | (98)   |
| OKI              | MSM27C231ZB [TSOP32]       | (655)  |
| OKI              | MSM27C256                  |        |
| OKI              | MSM27C256H                 |        |
| OKI              | MSM27C256HZB               |        |
| OKI              | MSM27C256HZB [PLCC32]      | (59)   |
| OKI              | MSM27C256ZB                |        |
| OKI              | MSM27C3202CZ [PSOP44]      | (65)   |
| OKI              | MSM27C3252CZ [PSOP44]      | (65)   |
| OKI              | MSM27C401                  |        |
| OKI              | MSM27C401AZB               |        |
| OKI              | MSM27C401AZB [SOIC32]      | (98)   |
| OKI              | MSM27C401CZ                |        |
| OKI              | MSM27C401CZ [SOIC32]       | (98)   |
| OKI              | MSM27C401CZ [TSOP32]       | (655)  |
| OKI              | MSM27C402CZ                |        |
| OKI              | MSM27C402CZ [SOIC40]       | (98)   |
| OKI              | MSM27C402CZ [TSOP44]       | (149)  |
| OKI              | MSM27C421AZB               |        |
| OKI              | MSM27C421AZB [SOIC32]      | (98)   |
| OKI              | MSM27C431AZB               |        |
| OKI              | MSM27C431AZB [SOIC32]      | (98)   |
| OKI              | MSM27C452CZ                |        |
| OKI              | MSM27C452CZ [SOIC40]       | (98)   |
| OKI              | MSM27C452CZ [TSOP44]       | (149)  |
| OKI              | MSM27C512AS                |        |
| OKI              | MSM27C64AS                 |        |
| OKI              | MSM27C802CZ                |        |
| OKI              | MSM27C802CZ [SOIC44]       | (65)   |
| OKI              | MSM27C802CZ [TSOP44]       | (149)  |
| OKI              | MSM27C822CZ [SOIC44]       | (65)   |
| OKI              | MSM27C822ZB                |        |
| OKI              | MSM27C852CZ                |        |
| OKI              | MSM27C852CZ [SOIC44]       | (65)   |
| OKI              | MSM27C852CZ [TSOP44]       | (149)  |
| OKI              | MSM2816A                   |        |
| OKI              | MSM28C16A                  |        |
| OKI              | MSM28C256                  |        |
| OKI              | MSM28C256 [PLCC32]         | (59)   |
| OKI              | MSM28C64A                  |        |
| OKI              | MSM28F101                  |        |
| OKI              | MSM28F101 [PLCC32]         | (1399) |
| Omni-wave        | OW27C101                   |        |
| Omni-wave        | OW27C101 [PLCC32]          | (59)   |
| Omni-wave        | OW27C1024                  |        |
| Omni-wave        | OW27C256                   |        |
| Omni-wave        | OW27C256 [PLCC32]          | (59)   |
| ON Semiconductor | CAS24F64 (ISP)             | (138)  |
| ON Semiconductor | CAS93C66 (x16) (ISP)       | (138)  |
| ON Semiconductor | CAS93C66 (x16) [TDFN8-3x2] | (2995) |
| ON Semiconductor | CAS93C66 (x8) (ISP)        | (138)  |
| ON Semiconductor | CAS93C66 (x8) [TDFN8-3x2]  | (2995) |
| ON Semiconductor | CAT1021                    |        |
| ON Semiconductor | CAT1021 [MSOP8]            | (605)  |
| ON Semiconductor | CAT1021 [SOIC8]            | (950)  |
| ON Semiconductor | CAT1021 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT1022                    |        |
| ON Semiconductor | CAT1022 [MSOP8]            | (605)  |
| ON Semiconductor | CAT1022 [SOIC8]            | (950)  |
| ON Semiconductor | CAT1022 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT1023                    |        |
| ON Semiconductor | CAT1023 [MSOP8]            | (605)  |
| ON Semiconductor | CAT1023 [SOIC8]            | (950)  |
| ON Semiconductor | CAT1023 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT1024                    |        |
| ON Semiconductor | CAT1024 [MSOP8]            | (605)  |
| ON Semiconductor | CAT1024 [SOIC8]            | (950)  |
| ON Semiconductor | CAT1024 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT1025                    |        |
| ON Semiconductor | CAT1025 [MSOP8]            | (605)  |
| ON Semiconductor | CAT1025 [SOIC8]            | (950)  |
| ON Semiconductor | CAT1025 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT1026                    |        |
| ON Semiconductor | CAT1026 [MSOP8]            | (605)  |
| ON Semiconductor | CAT1026 [SOIC8]            | (950)  |
| ON Semiconductor | CAT1026 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT1027                    |        |
| ON Semiconductor | CAT1027 [MSOP8]            | (605)  |
| ON Semiconductor | CAT1027 [SOIC8]            | (950)  |
| ON Semiconductor | CAT1027 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT1161                    |        |
| ON Semiconductor | CAT1161 [SOIC8]            | (950)  |
| ON Semiconductor | CAT1162                    |        |
| ON Semiconductor | CAT1162 [SOIC8]            | (950)  |
| ON Semiconductor | CAT1163                    |        |
| ON Semiconductor | CAT1163 [SOIC8]            | (950)  |
| ON Semiconductor | CAT13001 (x16) (ISP)       | (138)  |
| ON Semiconductor | CAT13001 (x16) [SOIC8]     | (950)  |
| ON Semiconductor | CAT13001 (x8) (ISP)        | (138)  |
| ON Semiconductor | CAT13001 (x8) [SOIC8]      | (950)  |
| ON Semiconductor | CAT13004 (x16) (ISP)       | (138)  |
| ON Semiconductor | CAT13004 (x16) [SOIC8]     | (950)  |
| ON Semiconductor | CAT13004 (x8) (ISP)        | (138)  |
| ON Semiconductor | CAT13004 (x8) [SOIC8]      | (950)  |
| ON Semiconductor | CAT13008 (x16) (ISP)       | (138)  |
| ON Semiconductor | CAT13008 (x16) [SOIC8]     | (950)  |
| ON Semiconductor | CAT13008 (x8) (ISP)        | (138)  |
| ON Semiconductor | CAT13008 (x8) [SOIC8]      | (950)  |
| ON Semiconductor | CAT13016 (x16) (ISP)       | (138)  |



|                  |                              |        |
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| ON Semiconductor | CAT13016 (x16) [SOIC8]       | (950)  |
| ON Semiconductor | CAT13016 (x8) (ISP)          | (138)  |
| ON Semiconductor | CAT13016 (x8) [SOIC8]        | (950)  |
| ON Semiconductor | CAT1320                      |        |
| ON Semiconductor | CAT1320 [SOIC8]              | (950)  |
| ON Semiconductor | CAT1320 [TSSOP8]             | (121)  |
| ON Semiconductor | CAT1321                      |        |
| ON Semiconductor | CAT1321 [SOIC8]              | (950)  |
| ON Semiconductor | CAT1321 [TSSOP8]             | (121)  |
| ON Semiconductor | CAT14002 (ISP)               | (138)  |
| ON Semiconductor | CAT14002 [SOIC8]             | (950)  |
| ON Semiconductor | CAT14004 (ISP)               | (138)  |
| ON Semiconductor | CAT14004 [SOIC8]             | (950)  |
| ON Semiconductor | CAT14008 (ISP)               | (138)  |
| ON Semiconductor | CAT14008 [SOIC8]             | (950)  |
| ON Semiconductor | CAT14016 (ISP)               | (138)  |
| ON Semiconductor | CAT14016 [SOIC8]             | (950)  |
| ON Semiconductor | CAT1640                      |        |
| ON Semiconductor | CAT1640 [SOIC8]              | (950)  |
| ON Semiconductor | CAT1640 [TSSOP8]             | (121)  |
| ON Semiconductor | CAT1641                      |        |
| ON Semiconductor | CAT1641 [SOIC8]              | (950)  |
| ON Semiconductor | CAT1641 [TSSOP8]             | (121)  |
| ON Semiconductor | CAT24AA01 (ISP)              | (138)  |
| ON Semiconductor | CAT24AA01 [SOIC8]            | (950)  |
| ON Semiconductor | CAT24AA01 [TSOT23-5]         | (523)  |
| ON Semiconductor | CAT24AA02 (ISP)              | (138)  |
| ON Semiconductor | CAT24AA02 [SOIC8]            | (950)  |
| ON Semiconductor | CAT24AA02 [TSOT23-5]         | (523)  |
| ON Semiconductor | CAT24AA04 (ISP)              | (138)  |
| ON Semiconductor | CAT24AA04 [SOIC8]            | (950)  |
| ON Semiconductor | CAT24AA04 [TSOT23-5]         | (523)  |
| ON Semiconductor | CAT24AA08 (ISP)              | (138)  |
| ON Semiconductor | CAT24AA08 [SOIC8]            | (950)  |
| ON Semiconductor | CAT24AA08 [TSOT23-5]         | (523)  |
| ON Semiconductor | CAT24AA16 (ISP)              | (138)  |
| ON Semiconductor | CAT24AA16 [SOIC8]            | (950)  |
| ON Semiconductor | CAT24AA16 [TSOT23-5]         | (523)  |
| ON Semiconductor | CAT24C01                     |        |
| ON Semiconductor | CAT24C01 (ISP)               | (138)  |
| ON Semiconductor | CAT24C01 [MSOP8]             | (605)  |
| ON Semiconductor | CAT24C01 [SOIC8]             | (950)  |
| ON Semiconductor | CAT24C01 [TDFN8]             | (2995) |
| ON Semiconductor | CAT24C01 [TSOT23-5]          | (523)  |
| ON Semiconductor | CAT24C01 [TSSOP8]            | (121)  |
| ON Semiconductor | CAT24C01 [UDFN8]             | (4538) |
| ON Semiconductor | CAT24C02                     |        |
| ON Semiconductor | CAT24C02 (ISP)               | (138)  |
| ON Semiconductor | CAT24C02 [MSOP8]             | (605)  |
| ON Semiconductor | CAT24C02 [SOIC8]             | (950)  |
| ON Semiconductor | CAT24C02 [TDFN8]             | (2995) |
| ON Semiconductor | CAT24C02 [TSOT23-5]          | (523)  |
| ON Semiconductor | CAT24C02 [TSSOP8]            | (121)  |
| ON Semiconductor | CAT24C02 [UDFN8]             | (4538) |
| ON Semiconductor | CAT24C03                     |        |
| ON Semiconductor | CAT24C03 (ISP)               | (138)  |
| ON Semiconductor | CAT24C03 [SOIC8]             | (950)  |
| ON Semiconductor | CAT24C03 [TDFN8]             | (2995) |
| ON Semiconductor | CAT24C03 [TSOT23-5]          | (523)  |
| ON Semiconductor | CAT24C03 [TSSOP8]            | (121)  |
| ON Semiconductor | CAT24C04                     |        |
| ON Semiconductor | CAT24C04 (ISP)               | (138)  |
| ON Semiconductor | CAT24C04 [MSOP8]             | (605)  |
| ON Semiconductor | CAT24C04 [SOIC8]             | (950)  |
| ON Semiconductor | CAT24C04 [TDFN8]             | (2995) |
| ON Semiconductor | CAT24C04 [TSOT23-5]          | (523)  |
| ON Semiconductor | CAT24C04 [TSSOP8]            | (121)  |
| ON Semiconductor | CAT24C04 [UDFN8]             | (4538) |
| ON Semiconductor | CAT24C05                     |        |
| ON Semiconductor | CAT24C05 (ISP)               | (138)  |
| ON Semiconductor | CAT24C05 [SOIC8]             | (950)  |
| ON Semiconductor | CAT24C05 [TDFN8]             | (2995) |
| ON Semiconductor | CAT24C05 [TSOT23-5]          | (523)  |
| ON Semiconductor | CAT24C05 [TSSOP8]            | (121)  |
| ON Semiconductor | CAT24C08                     |        |
| ON Semiconductor | CAT24C08 (ISP)               | (138)  |
| ON Semiconductor | CAT24C08 [MSOP8]             | (605)  |
| ON Semiconductor | CAT24C08 [SOIC8]             | (950)  |
| ON Semiconductor | CAT24C08 [TDFN8]             | (2995) |
| ON Semiconductor | CAT24C08 [TSOT23-5]          | (523)  |
| ON Semiconductor | CAT24C08 [TSSOP8]            | (121)  |
| ON Semiconductor | CAT24C08 [UDFN8]             | (4538) |
| ON Semiconductor | CAT24C128                    |        |
| ON Semiconductor | CAT24C128 (ISP)              | (138)  |
| ON Semiconductor | CAT24C128 [MSOP8]            | (605)  |
| ON Semiconductor | CAT24C128 [SOIC8]            | (950)  |
| ON Semiconductor | CAT24C128 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT24C128 [UDFN8]            | (4538) |
| ON Semiconductor | CAT24C128 rev. C             |        |
| ON Semiconductor | CAT24C128 rev. C (ISP)       | (138)  |
| ON Semiconductor | CAT24C128 rev. C [MSOP8]     | (605)  |
| ON Semiconductor | CAT24C128 rev. C [SOIC8]     | (950)  |
| ON Semiconductor | CAT24C128 rev. C [TSSOP8]    | (121)  |
| ON Semiconductor | CAT24C128 rev. C [UDFN8]     | (4538) |
| ON Semiconductor | CAT24C16                     |        |
| ON Semiconductor | CAT24C16 (ISP)               | (138)  |
| ON Semiconductor | CAT24C16 [MSOP8]             | (605)  |
| ON Semiconductor | CAT24C16 [SOIC8]             | (950)  |
| ON Semiconductor | CAT24C16 [TDFN8]             | (2995) |
| ON Semiconductor | CAT24C16 [TSOT23-5]          | (523)  |
| ON Semiconductor | CAT24C16 [TSSOP8]            | (121)  |
| ON Semiconductor | CAT24C16 [UDFN8]             | (4538) |
| ON Semiconductor | CAT24C164                    |        |
| ON Semiconductor | CAT24C164 (ISP)              | (138)  |
| ON Semiconductor | CAT24C164 [SOIC8]            | (950)  |
| ON Semiconductor | CAT24C164 [TDFN8]            | (2995) |
| ON Semiconductor | CAT24C164 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT24C208 (ISP)              | (138)  |
| ON Semiconductor | CAT24C208 [SOIC8]            | (950)  |
| ON Semiconductor | CAT24C21                     |        |
| ON Semiconductor | CAT24C21 (ISP)               | (138)  |
| ON Semiconductor | CAT24C21 [MSOP8]             | (605)  |
| ON Semiconductor | CAT24C21 [SOIC8]             | (950)  |
| ON Semiconductor | CAT24C21 [TDFN8]             | (1420) |
| ON Semiconductor | CAT24C21 [TSSOP8]            | (121)  |
| ON Semiconductor | CAT24C256                    |        |
| ON Semiconductor | CAT24C256 (ISP)              | (138)  |
| ON Semiconductor | CAT24C256 [MSOP8]            | (605)  |
| ON Semiconductor | CAT24C256 [SOIC8]            | (950)  |
| ON Semiconductor | CAT24C256 [SOIC8-208]        | (46)   |
| ON Semiconductor | CAT24C256 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT24C256 [UDFN8]            | (4538) |
| ON Semiconductor | CAT24C256 rev. D             |        |
| ON Semiconductor | CAT24C256 rev. D (ISP)       | (138)  |
| ON Semiconductor | CAT24C256 rev. D [MSOP8]     | (605)  |
| ON Semiconductor | CAT24C256 rev. D [SOIC8]     | (950)  |
| ON Semiconductor | CAT24C256 rev. D [SOIC8-208] | (46)   |
| ON Semiconductor | CAT24C256 rev. D [TSSOP8]    | (121)  |

|                  |                             |        |
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| ON Semiconductor | CAT24C256 rev. D [UDFN8]    | (4538) |
| ON Semiconductor | CAT24C32                    |        |
| ON Semiconductor | CAT24C32 (ISP)              | (138)  |
| ON Semiconductor | CAT24C32 [SOIC8]            | (950)  |
| ON Semiconductor | CAT24C32 [TDFN8]            | (2995) |
| ON Semiconductor | CAT24C32 [TSOP-5]           | (523)  |
| ON Semiconductor | CAT24C32 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT24C32 [UDFN8]            | (4538) |
| ON Semiconductor | CAT24C32 rev. F             |        |
| ON Semiconductor | CAT24C32 rev. F (ISP)       | (138)  |
| ON Semiconductor | CAT24C32 rev. F [SOIC8]     | (950)  |
| ON Semiconductor | CAT24C32 rev. F [TDFN8]     | (2995) |
| ON Semiconductor | CAT24C32 rev. F [TSOP-5]    | (523)  |
| ON Semiconductor | CAT24C32 rev. F [TSSOP8]    | (121)  |
| ON Semiconductor | CAT24C32 rev. F [UDFN8]     | (4538) |
| ON Semiconductor | CAT24C32BAC4 (ISP)          | (138)  |
| ON Semiconductor | CAT24C32BC4 (ISP)           | (138)  |
| ON Semiconductor | CAT24C44                    |        |
| ON Semiconductor | CAT24C44 [SOIC8]            | (950)  |
| ON Semiconductor | CAT24C512                   |        |
| ON Semiconductor | CAT24C512 (ISP)             | (138)  |
| ON Semiconductor | CAT24C512 [MSOP8]           | (605)  |
| ON Semiconductor | CAT24C512 [SOIC8]           | (950)  |
| ON Semiconductor | CAT24C512 [SOIC8-208]       | (46)   |
| ON Semiconductor | CAT24C512 [TSSOP8]          | (121)  |
| ON Semiconductor | CAT24C512 [UDFN8]           | (4538) |
| ON Semiconductor | CAT24C64                    |        |
| ON Semiconductor | CAT24C64 (ISP)              | (138)  |
| ON Semiconductor | CAT24C64 [MSOP8]            | (605)  |
| ON Semiconductor | CAT24C64 [SOIC8]            | (950)  |
| ON Semiconductor | CAT24C64 [SOIC8-208]        | (46)   |
| ON Semiconductor | CAT24C64 [TDFN8]            | (2995) |
| ON Semiconductor | CAT24C64 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT24C64 [UDFN8]            | (4538) |
| ON Semiconductor | CAT24C64 rev. F             |        |
| ON Semiconductor | CAT24C64 rev. F (ISP)       | (138)  |
| ON Semiconductor | CAT24C64 rev. F [MSOP8]     | (605)  |
| ON Semiconductor | CAT24C64 rev. F [SOIC8]     | (950)  |
| ON Semiconductor | CAT24C64 rev. F [SOIC8-208] | (46)   |
| ON Semiconductor | CAT24C64 rev. F [TDFN8]     | (2995) |
| ON Semiconductor | CAT24C64 rev. F [TSSOP8]    | (121)  |
| ON Semiconductor | CAT24C64 rev. F [UDFN8]     | (4538) |
| ON Semiconductor | CAT24C64BAC4 (ISP)          | (138)  |
| ON Semiconductor | CAT24C64BC4 (ISP)           | (138)  |
| ON Semiconductor | CAT24M01                    |        |
| ON Semiconductor | CAT24M01 (ISP)              | (138)  |
| ON Semiconductor | CAT24M01 [SOIC8]            | (950)  |
| ON Semiconductor | CAT24M01 [SOIC8-208]        | (46)   |
| ON Semiconductor | CAT24M01 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT24M01 [UDFN8]            | (4538) |
| ON Semiconductor | CAT24WC66                   |        |
| ON Semiconductor | CAT24WC66 (ISP)             | (138)  |
| ON Semiconductor | CAT24WC66 [SOIC8]           | (950)  |
| ON Semiconductor | CAT25010                    |        |
| ON Semiconductor | CAT25010 (ISP)              | (138)  |
| ON Semiconductor | CAT25010 [MSOP8]            | (605)  |
| ON Semiconductor | CAT25010 [SOIC8]            | (950)  |
| ON Semiconductor | CAT25010 [TDFN8]            | (2995) |
| ON Semiconductor | CAT25010 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT25010 [UDFN8]            | (4538) |
| ON Semiconductor | CAT25020                    |        |
| ON Semiconductor | CAT25020 (ISP)              | (138)  |
| ON Semiconductor | CAT25020 [MSOP8]            | (605)  |
| ON Semiconductor | CAT25020 [SOIC8]            | (950)  |
| ON Semiconductor | CAT25020 [TDFN8]            | (2995) |
| ON Semiconductor | CAT25020 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT25020 [UDFN8]            | (4538) |
| ON Semiconductor | CAT25040                    |        |
| ON Semiconductor | CAT25040 (ISP)              | (138)  |
| ON Semiconductor | CAT25040 [MSOP8]            | (605)  |
| ON Semiconductor | CAT25040 [SOIC8]            | (950)  |
| ON Semiconductor | CAT25040 [TDFN8]            | (2995) |
| ON Semiconductor | CAT25040 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT25040 [UDFN8-2x3]        | (4538) |
| ON Semiconductor | CAT25080                    |        |
| ON Semiconductor | CAT25080 (ISP)              | (138)  |
| ON Semiconductor | CAT25080 [SOIC8]            | (950)  |
| ON Semiconductor | CAT25080 [TDFN8]            | (2995) |
| ON Semiconductor | CAT25080 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT25080 [UDFN8-2x3]        | (4538) |
| ON Semiconductor | CAT25128                    |        |
| ON Semiconductor | CAT25128 (ISP)              | (138)  |
| ON Semiconductor | CAT25128 [SOIC8-150]        | (950)  |
| ON Semiconductor | CAT25128 [SOIC8-200]        | (46)   |
| ON Semiconductor | CAT25128 [TDFN8]            | (2995) |
| ON Semiconductor | CAT25128 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT25128 rev. E             |        |
| ON Semiconductor | CAT25128 rev. E (ISP)       | (138)  |
| ON Semiconductor | CAT25128 rev. E [SOIC8-150] | (950)  |
| ON Semiconductor | CAT25128 rev. E [SOIC8-200] | (46)   |
| ON Semiconductor | CAT25128 rev. E [TDFN8-2x3] | (2995) |
| ON Semiconductor | CAT25128 rev. E [TSSOP8]    | (121)  |
| ON Semiconductor | CAT25128 rev. E [UDFN8-2x3] | (4538) |
| ON Semiconductor | CAT25160                    |        |
| ON Semiconductor | CAT25160 (ISP)              | (138)  |
| ON Semiconductor | CAT25160 [SOIC8]            | (950)  |
| ON Semiconductor | CAT25160 [TDFN8]            | (2995) |
| ON Semiconductor | CAT25160 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT25160 [UDFN8-2x3]        | (4538) |
| ON Semiconductor | CAT25256                    |        |
| ON Semiconductor | CAT25256 (ISP)              | (138)  |
| ON Semiconductor | CAT25256 [SOIC8-150]        | (950)  |
| ON Semiconductor | CAT25256 [SOIC8-200]        | (46)   |
| ON Semiconductor | CAT25256 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT25256 rev. E             |        |
| ON Semiconductor | CAT25256 rev. E (ISP)       | (138)  |
| ON Semiconductor | CAT25256 rev. E [SOIC8-150] | (950)  |
| ON Semiconductor | CAT25256 rev. E [TSSOP8]    | (121)  |
| ON Semiconductor | CAT25256 rev. E [UDFN8-2x3] | (4538) |
| ON Semiconductor | CAT25320                    |        |
| ON Semiconductor | CAT25320 (ISP)              | (138)  |
| ON Semiconductor | CAT25320 [SOIC8]            | (950)  |
| ON Semiconductor | CAT25320 [TDFN8]            | (2995) |
| ON Semiconductor | CAT25320 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT25320 [UDFN8]            | (4538) |
| ON Semiconductor | CAT25512                    |        |
| ON Semiconductor | CAT25512 (ISP)              | (138)  |
| ON Semiconductor | CAT25512 [SOIC8-150]        | (950)  |
| ON Semiconductor | CAT25512 [SOIC8-200]        | (46)   |
| ON Semiconductor | CAT25512 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT25512 [UDFN8-2x3]        | (4538) |
| ON Semiconductor | CAT25640                    |        |
| ON Semiconductor | CAT25640 (ISP)              | (138)  |
| ON Semiconductor | CAT25640 [SOIC8]            | (950)  |
| ON Semiconductor | CAT25640 [TDFN8]            | (2995) |
| ON Semiconductor | CAT25640 [TSSOP8]           | (121)  |
| ON Semiconductor | CAT25640 [UDFN8]            | (4538) |
| ON Semiconductor | CAT25M01 (ISP)              | (138)  |

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| ON Semiconductor | CAT25M01 [SOIC8-150]         | (950)  |
| ON Semiconductor | CAT25M01 [SOIC8-200]         | (46)   |
| ON Semiconductor | CAT25M01 [TSSOP8]            | (121)  |
| ON Semiconductor | CAT25M02 (ISP)               | (138)  |
| ON Semiconductor | CAT25M02 [SOIC8-150]         | (950)  |
| ON Semiconductor | CAT28F001Gxxx8 [PLCC32]      | (1399) |
| ON Semiconductor | CAT28F001GxxxT [PLCC32]      | (1399) |
| ON Semiconductor | CAT28F001Hxxx8 [TSOP32]      | (1414) |
| ON Semiconductor | CAT28F001HxxxT [TSOP32]      | (1414) |
| ON Semiconductor | CAT28F001Lxxx8               |        |
| ON Semiconductor | CAT28F001LxxxT               |        |
| ON Semiconductor | CAT28F001Nxxx8 [PLCC32]      | (1399) |
| ON Semiconductor | CAT28F001NxxxT [PLCC32]      | (1399) |
| ON Semiconductor | CAT28F001Pxxx8               |        |
| ON Semiconductor | CAT28F001PxxxT               |        |
| ON Semiconductor | CAT28F001Txxx8 [TSOP32]      | (1414) |
| ON Semiconductor | CAT28F001TxxxT [TSOP32]      | (1414) |
| ON Semiconductor | CAT28F002B                   |        |
| ON Semiconductor | CAT28F002B [TSOP40]          | (1368) |
| ON Semiconductor | CAT28F002T                   |        |
| ON Semiconductor | CAT28F002T [TSOP40]          | (1368) |
| ON Semiconductor | CAT28F015B                   |        |
| ON Semiconductor | CAT28F015B [PLCC32]          | (1399) |
| ON Semiconductor | CAT28F015B [R-TSOP32]        | (1415) |
| ON Semiconductor | CAT28F015B [TSOP32]          | (1414) |
| ON Semiconductor | CAT28F015T                   |        |
| ON Semiconductor | CAT28F015T [PLCC32]          | (1399) |
| ON Semiconductor | CAT28F015T [R-TSOP32]        | (1415) |
| ON Semiconductor | CAT28F015T [TSOP32]          | (1414) |
| ON Semiconductor | CAT28F150B                   |        |
| ON Semiconductor | CAT28F150B [TSOP40]          | (1368) |
| ON Semiconductor | CAT28F150T                   |        |
| ON Semiconductor | CAT28F150T [TSOP40]          | (1368) |
| ON Semiconductor | CAT29F002B                   |        |
| ON Semiconductor | CAT29F002B [PLCC32]          | (1399) |
| ON Semiconductor | CAT29F002B [TSOP32]          | (1414) |
| ON Semiconductor | CAT29F002T                   |        |
| ON Semiconductor | CAT29F002T [PLCC32]          | (1399) |
| ON Semiconductor | CAT29F002T [TSOP32]          | (1414) |
| ON Semiconductor | CAT29F150B [PLCC32]          | (1399) |
| ON Semiconductor | CAT29F150B [TSOP32]          | (1414) |
| ON Semiconductor | CAT29F150T [PLCC32]          | (1399) |
| ON Semiconductor | CAT29F150T [TSOP32]          | (1414) |
| ON Semiconductor | CAT34C02 (ISP)               | (138)  |
| ON Semiconductor | CAT34C02 [TDFN8]             | (2995) |
| ON Semiconductor | CAT34C02 [TSSOP8]            | (121)  |
| ON Semiconductor | CAT34C02 [UDFN8]             | (4538) |
| ON Semiconductor | CAT34TS02 (ISP)              | (138)  |
| ON Semiconductor | CAT34TS02 [TDFN8]            | (2995) |
| ON Semiconductor | CAT34TS04 (ISP)              | (138)  |
| ON Semiconductor | CAT34TS04 [TDFN8-2x3]        | (2995) |
| ON Semiconductor | CAT34TS04 [UDFN8-2x3]        | (4538) |
| ON Semiconductor | CAT93C46 (x16)               |        |
| ON Semiconductor | CAT93C46 (x16) (ISP)         | (138)  |
| ON Semiconductor | CAT93C46 (x16) [SOIC8-150]   | (950)  |
| ON Semiconductor | CAT93C46 (x16) [SOIC8-208]   | (46)   |
| ON Semiconductor | CAT93C46 (x16) [TDFN8]       | (2995) |
| ON Semiconductor | CAT93C46 (x16) [TSSOP8]      | (121)  |
| ON Semiconductor | CAT93C46 (x8)                |        |
| ON Semiconductor | CAT93C46 (x8) (ISP)          | (138)  |
| ON Semiconductor | CAT93C46 (x8) [SOIC8-150]    | (950)  |
| ON Semiconductor | CAT93C46 (x8) [SOIC8-208]    | (46)   |
| ON Semiconductor | CAT93C46 (x8) [TDFN8]        | (2995) |
| ON Semiconductor | CAT93C46 (x8) [TSSOP8]       | (121)  |
| ON Semiconductor | CAT93C46B (x16)              |        |
| ON Semiconductor | CAT93C46B (x16) (ISP)        | (138)  |
| ON Semiconductor | CAT93C46B (x16) [SOIC8-150]  | (950)  |
| ON Semiconductor | CAT93C46B (x16) [SOIC8-208]  | (46)   |
| ON Semiconductor | CAT93C46B (x16) [TDFN8]      | (2995) |
| ON Semiconductor | CAT93C46B (x16) [TSSOP8]     | (121)  |
| ON Semiconductor | CAT93C46B (x16) [UDFN8]      | (4538) |
| ON Semiconductor | CAT93C46B (x8)               |        |
| ON Semiconductor | CAT93C46B (x8) (ISP)         | (138)  |
| ON Semiconductor | CAT93C46B (x8) [SOIC8-150]   | (950)  |
| ON Semiconductor | CAT93C46B (x8) [SOIC8-208]   | (46)   |
| ON Semiconductor | CAT93C46B (x8) [TDFN8]       | (2995) |
| ON Semiconductor | CAT93C46B (x8) [TSSOP8]      | (121)  |
| ON Semiconductor | CAT93C46B (x8) [UDFN8]       | (4538) |
| ON Semiconductor | CAT93C46BW (x16) [SOIC8-150] | (950)  |
| ON Semiconductor | CAT93C46BW (x8) [SOIC8-150]  | (950)  |
| ON Semiconductor | CAT93C46R (x16)              |        |
| ON Semiconductor | CAT93C46R (x16) (ISP)        | (138)  |
| ON Semiconductor | CAT93C46R (x16) [SOIC8-150]  | (950)  |
| ON Semiconductor | CAT93C46R (x16) [SOIC8-208]  | (46)   |
| ON Semiconductor | CAT93C46R (x16) [TDFN8]      | (2995) |
| ON Semiconductor | CAT93C46R (x16) [TSSOP8]     | (121)  |
| ON Semiconductor | CAT93C46R (x8)               |        |
| ON Semiconductor | CAT93C46R (x8) (ISP)         | (138)  |
| ON Semiconductor | CAT93C46R (x8) [SOIC8-150]   | (950)  |
| ON Semiconductor | CAT93C46R (x8) [SOIC8-208]   | (46)   |
| ON Semiconductor | CAT93C46R (x8) [TDFN8]       | (2995) |
| ON Semiconductor | CAT93C46R (x8) [TSSOP8]      | (121)  |
| ON Semiconductor | CAT93C46RW (x16) [SOIC8-150] | (950)  |
| ON Semiconductor | CAT93C46RW (x8) [SOIC8-150]  | (950)  |
| ON Semiconductor | CAT93C46W (x16) [SOIC8-150]  | (950)  |
| ON Semiconductor | CAT93C46W (x8) [SOIC8-150]   | (950)  |
| ON Semiconductor | CAT93C56 (x16)               |        |
| ON Semiconductor | CAT93C56 (x16) (ISP)         | (138)  |
| ON Semiconductor | CAT93C56 (x16) [SOIC8-150]   | (950)  |
| ON Semiconductor | CAT93C56 (x16) [SOIC8-208]   | (46)   |
| ON Semiconductor | CAT93C56 (x16) [TDFN8]       | (2995) |
| ON Semiconductor | CAT93C56 (x16) [TSSOP8]      | (121)  |
| ON Semiconductor | CAT93C56 (x8)                |        |
| ON Semiconductor | CAT93C56 (x8) (ISP)          | (138)  |
| ON Semiconductor | CAT93C56 (x8) [SOIC8-150]    | (950)  |
| ON Semiconductor | CAT93C56 (x8) [SOIC8-208]    | (46)   |
| ON Semiconductor | CAT93C56 (x8) [TDFN8]        | (2995) |
| ON Semiconductor | CAT93C56 (x8) [TSSOP8]       | (121)  |
| ON Semiconductor | CAT93C56W (x16) [SOIC8]      | (950)  |
| ON Semiconductor | CAT93C56W (x8) [SOIC8]       | (950)  |
| ON Semiconductor | CAT93C57 (x16)               |        |
| ON Semiconductor | CAT93C57 (x16) (ISP)         | (138)  |
| ON Semiconductor | CAT93C57 (x16) [SOIC8-150]   | (950)  |
| ON Semiconductor | CAT93C57 (x16) [SOIC8-208]   | (46)   |
| ON Semiconductor | CAT93C57 (x16) [TDFN8]       | (2995) |
| ON Semiconductor | CAT93C57 (x16) [TSSOP8]      | (121)  |
| ON Semiconductor | CAT93C57 (x8)                |        |
| ON Semiconductor | CAT93C57 (x8) (ISP)          | (138)  |
| ON Semiconductor | CAT93C57 (x8) [SOIC8-150]    | (950)  |
| ON Semiconductor | CAT93C57 (x8) [SOIC8-208]    | (46)   |
| ON Semiconductor | CAT93C57 (x8) [TDFN8]        | (2995) |
| ON Semiconductor | CAT93C57 (x8) [TSSOP8]       | (121)  |
| ON Semiconductor | CAT93C57W (x16) [SOIC8]      | (950)  |
| ON Semiconductor | CAT93C57W (x8) [SOIC8]       | (950)  |
| ON Semiconductor | CAT93C66 (x16)               |        |
| ON Semiconductor | CAT93C66 (x16) (ISP)         | (138)  |
| ON Semiconductor | CAT93C66 (x16) [SOIC8-150]   | (950)  |
| ON Semiconductor | CAT93C66 (x16) [SOIC8-208]   | (46)   |

|                  |           |             |             |        |
|------------------|-----------|-------------|-------------|--------|
| ON Semiconductor | CAT93C66  | (x16)       | [TDFN8]     | (2995) |
| ON Semiconductor | CAT93C66  | (x16)       | [TSSOP8]    | (121)  |
| ON Semiconductor | CAT93C66  | (x8)        |             |        |
| ON Semiconductor | CAT93C66  | (x8)        | (ISP)       | (138)  |
| ON Semiconductor | CAT93C66  | (x8)        | [SOIC8-150] | (950)  |
| ON Semiconductor | CAT93C66  | (x8)        | [SOIC8-208] | (46)   |
| ON Semiconductor | CAT93C66  | (x8)        | [TDFN8]     | (2995) |
| ON Semiconductor | CAT93C66  | (x8)        | [TSSOP8]    | (121)  |
| ON Semiconductor | CAT93C66W | (x16)       | [SOIC8]     | (950)  |
| ON Semiconductor | CAT93C66W | (x8)        | [SOIC8]     | (950)  |
| ON Semiconductor | CAT93C76  | (x16)       |             |        |
| ON Semiconductor | CAT93C76  | (x16)       | (ISP)       | (138)  |
| ON Semiconductor | CAT93C76  | (x16)       | [SOIC8]     | (950)  |
| ON Semiconductor | CAT93C76  | (x16)       | [TDFN8]     | (1420) |
| ON Semiconductor | CAT93C76  | (x16)       | [TSSOP8]    | (121)  |
| ON Semiconductor | CAT93C76  | (x8)        |             |        |
| ON Semiconductor | CAT93C76  | (x8)        | (ISP)       | (138)  |
| ON Semiconductor | CAT93C76  | (x8)        | [SOIC8]     | (950)  |
| ON Semiconductor | CAT93C76  | (x8)        | [TDFN8]     | (1420) |
| ON Semiconductor | CAT93C76  | (x8)        | [TSSOP8]    | (121)  |
| ON Semiconductor | CAT93C76B | (x16)       |             |        |
| ON Semiconductor | CAT93C76B | (x16)       | (ISP)       | (138)  |
| ON Semiconductor | CAT93C76B | (x16)       | [MSOP8]     | (605)  |
| ON Semiconductor | CAT93C76B | (x16)       | [SOIC8-150] | (950)  |
| ON Semiconductor | CAT93C76B | (x16)       | [TSSOP8]    | (121)  |
| ON Semiconductor | CAT93C76B | (x16)       | [UDFN8]     | (4538) |
| ON Semiconductor | CAT93C76B | (x8)        |             |        |
| ON Semiconductor | CAT93C76B | (x8)        | (ISP)       | (138)  |
| ON Semiconductor | CAT93C76B | (x8)        | [MSOP8]     | (605)  |
| ON Semiconductor | CAT93C76B | (x8)        | [SOIC8-150] | (950)  |
| ON Semiconductor | CAT93C76B | (x8)        | [TSSOP8]    | (121)  |
| ON Semiconductor | CAT93C76B | (x8)        | [UDFN8]     | (4538) |
| ON Semiconductor | CAT93C86  | (x16)       |             |        |
| ON Semiconductor | CAT93C86  | (x16)       | (ISP)       | (138)  |
| ON Semiconductor | CAT93C86  | (x16)       | [SOIC8-150] | (950)  |
| ON Semiconductor | CAT93C86  | (x16)       | [SOIC8-208] | (46)   |
| ON Semiconductor | CAT93C86  | (x16)       | [TDFN8]     | (1420) |
| ON Semiconductor | CAT93C86  | (x16)       | [TSSOP8]    | (121)  |
| ON Semiconductor | CAT93C86  | (x8)        |             |        |
| ON Semiconductor | CAT93C86  | (x8)        | (ISP)       | (138)  |
| ON Semiconductor | CAT93C86  | (x8)        | [SOIC8-150] | (950)  |
| ON Semiconductor | CAT93C86  | (x8)        | [SOIC8-208] | (46)   |
| ON Semiconductor | CAT93C86  | (x8)        | [TDFN8]     | (1420) |
| ON Semiconductor | CAT93C86  | (x8)        | [TSSOP8]    | (121)  |
| ON Semiconductor | CAT93C86B | (x16)       |             |        |
| ON Semiconductor | CAT93C86B | (x16)       | (ISP)       | (138)  |
| ON Semiconductor | CAT93C86B | (x16)       | [MSOP8]     | (605)  |
| ON Semiconductor | CAT93C86B | (x16)       | [SOIC8-150] | (950)  |
| ON Semiconductor | CAT93C86B | (x16)       | [SOIC8-208] | (46)   |
| ON Semiconductor | CAT93C86B | (x16)       | [TSSOP8]    | (121)  |
| ON Semiconductor | CAT93C86B | (x16)       | [UDFN8]     | (4538) |
| ON Semiconductor | CAT93C86B | (x8)        |             |        |
| ON Semiconductor | CAT93C86B | (x8)        | (ISP)       | (138)  |
| ON Semiconductor | CAT93C86B | (x8)        | [MSOP8]     | (605)  |
| ON Semiconductor | CAT93C86B | (x8)        | [SOIC8-150] | (950)  |
| ON Semiconductor | CAT93C86B | (x8)        | [SOIC8-208] | (46)   |
| ON Semiconductor | CAT93C86B | (x8)        | [TSSOP8]    | (121)  |
| ON Semiconductor | CAT93C86B | (x8)        | [UDFN8]     | (4538) |
| ON Semiconductor | CAT93C86W | (x16)       | [SOIC8]     | (950)  |
| ON Semiconductor | CAT93C86W | (x8)        | [SOIC8]     | (950)  |
| ON Semiconductor | CAV24C02  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV24C02  | [SOIC8]     |             | (950)  |
| ON Semiconductor | CAV24C02  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV24C04  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV24C04  | [SOIC8]     |             | (950)  |
| ON Semiconductor | CAV24C04  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV24C08  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV24C08  | [SOIC8]     |             | (950)  |
| ON Semiconductor | CAV24C08  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV24C128 | (ISP)       |             | (138)  |
| ON Semiconductor | CAV24C128 | [SOIC8-150] |             | (950)  |
| ON Semiconductor | CAV24C128 | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV24C16  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV24C16  | [SOIC8]     |             | (950)  |
| ON Semiconductor | CAV24C16  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV24C256 | (ISP)       |             | (138)  |
| ON Semiconductor | CAV24C256 | [SOIC8-150] |             | (950)  |
| ON Semiconductor | CAV24C256 | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV24C32  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV24C32  | [SOIC8]     |             | (950)  |
| ON Semiconductor | CAV24C32  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV24C512 | (ISP)       |             | (138)  |
| ON Semiconductor | CAV24C512 | [SOIC8-150] |             | (950)  |
| ON Semiconductor | CAV24C512 | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV24C64  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV24C64  | [SOIC8]     |             | (950)  |
| ON Semiconductor | CAV24C64  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV24M01  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV24M01  | [SOIC8-150] |             | (950)  |
| ON Semiconductor | CAV24M01  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV25010  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV25010  | [SOIC8-150] |             | (950)  |
| ON Semiconductor | CAV25010  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV25020  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV25020  | [SOIC8-150] |             | (950)  |
| ON Semiconductor | CAV25020  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV25040  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV25040  | [SOIC8-150] |             | (950)  |
| ON Semiconductor | CAV25040  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV25080  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV25080  | [SOIC8]     |             | (950)  |
| ON Semiconductor | CAV25080  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV25128  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV25128  | [SOIC8-150] |             | (950)  |
| ON Semiconductor | CAV25128  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV25160  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV25160  | [SOIC8]     |             | (950)  |
| ON Semiconductor | CAV25160  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV25256  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV25256  | [SOIC8-150] |             | (950)  |
| ON Semiconductor | CAV25256  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV25320  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV25320  | [SOIC8]     |             | (950)  |
| ON Semiconductor | CAV25320  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV25512  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV25512  | [SOIC8-150] |             | (950)  |
| ON Semiconductor | CAV25512  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV25640  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV25640  | [SOIC8]     |             | (950)  |
| ON Semiconductor | CAV25640  | [TDFN8]     |             | (2995) |
| ON Semiconductor | CAV25640  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV25M01  | (ISP)       |             | (138)  |
| ON Semiconductor | CAV25M01  | [SOIC8-150] |             | (950)  |
| ON Semiconductor | CAV25M01  | [TSSOP8]    |             | (121)  |
| ON Semiconductor | CAV93C46  | (x16)       | (ISP)       | (138)  |
| ON Semiconductor | CAV93C46  | (x16)       | [SOIC8-150] | (950)  |
| ON Semiconductor | CAV93C46  | (x16)       | [TSSOP8]    | (121)  |
| ON Semiconductor | CAV93C46  | (x8)        | (ISP)       | (138)  |

|                  |                                 |             |
|------------------|---------------------------------|-------------|
| ON Semiconductor | CAV93C46 (x8) [SOIC8-150]       | (950)       |
| ON Semiconductor | CAV93C46 (x8) [TSSOP8]          | (121)       |
| ON Semiconductor | CAV93C66 (x16) (ISP)            | (138)       |
| ON Semiconductor | CAV93C66 (x16) [SOIC8-150]      | (950)       |
| ON Semiconductor | CAV93C66 (x16) [TSSOP8]         | (121)       |
| ON Semiconductor | CAV93C66 (x8) (ISP)             | (138)       |
| ON Semiconductor | CAV93C66 (x8) [SOIC8-150]       | (950)       |
| ON Semiconductor | CAV93C66 (x8) [TSSOP8]          | (121)       |
| ON Semiconductor | CAV93C76 (x16) (ISP)            | (138)       |
| ON Semiconductor | CAV93C76 (x16) [SOIC8-150]      | (950)       |
| ON Semiconductor | CAV93C76 (x16) [TSSOP8]         | (121)       |
| ON Semiconductor | CAV93C76 (x8) (ISP)             | (138)       |
| ON Semiconductor | CAV93C76 (x8) [SOIC8-150]       | (950)       |
| ON Semiconductor | CAV93C76 (x8) [TSSOP8]          | (121)       |
| ON Semiconductor | CAV93C86 (x16) (ISP)            | (138)       |
| ON Semiconductor | CAV93C86 (x16) [SOIC8-150]      | (950)       |
| ON Semiconductor | CAV93C86 (x16) [TSSOP8]         | (121)       |
| ON Semiconductor | CAV93C86 (x8) (ISP)             | (138)       |
| ON Semiconductor | CAV93C86 (x8) [SOIC8-150]       | (950)       |
| ON Semiconductor | CAV93C86 (x8) [TSSOP8]          | (121)       |
| ON Semiconductor | CHS34C02 (ISP)                  | (138)       |
| ON Semiconductor | CHS34C02 [TDFN8]                | (2995)      |
| ON Semiconductor | FS6370 [SOIC16]                 | (44)        |
| ON Semiconductor | LE24162LBXA (ISP)               | (138)       |
| ON Semiconductor | LE2416DXA (ISP)                 | (138)       |
| ON Semiconductor | LE2416RDXA (ISP)                | (138)       |
| ON Semiconductor | LE2432DXA (ISP)                 | (138)       |
| ON Semiconductor | LE2432RDXA (ISP)                | (138)       |
| ON Semiconductor | LE24512 (ISP)                   | (138)       |
| ON Semiconductor | LE24512 [VSON8K]                | (2995)      |
| ON Semiconductor | LE2464C (ISP)                   | (138)       |
| ON Semiconductor | LE2464DXA (ISP)                 | (138)       |
| ON Semiconductor | LE2464RDXA (ISP)                | (138)       |
| ON Semiconductor | LE24C0221 (ISP)                 | (138)       |
| ON Semiconductor | LE24C0221 [MFP8]                | (1313)      |
| ON Semiconductor | LE24C0221 [MSOP8]               | (605)       |
| ON Semiconductor | LE24C023 (ISP)                  | (138)       |
| ON Semiconductor | LE24C023 [MFP8]                 | (1313)      |
| ON Semiconductor | LE24C042 (ISP)                  | (138)       |
| ON Semiconductor | LE24C042 [MFP8]                 | (1313)      |
| ON Semiconductor | LE24C043 (ISP)                  | (138)       |
| ON Semiconductor | LE24C043 [MFP8]                 | (1313)      |
| ON Semiconductor | LE24C082 (ISP)                  | (138)       |
| ON Semiconductor | LE24C082 [MFP8]                 | (1313)      |
| ON Semiconductor | LE24C162 (ISP)                  | (138)       |
| ON Semiconductor | LE24C162 [MFP8]                 | (1313)      |
| ON Semiconductor | LE24C322 (ISP)                  | (138)       |
| ON Semiconductor | LE24C322 [MFP8]                 | (1313)      |
| ON Semiconductor | LE24CB1283 (ISP)                | (138)       |
| ON Semiconductor | LE24CB1283 [MFP8]               | (1313)      |
| ON Semiconductor | LE24CB1283 [MSOP8]              | (605)       |
| ON Semiconductor | LE24CB642 (ISP)                 | (138)       |
| ON Semiconductor | LE24CB642 [MFP8]                | (1313)      |
| ON Semiconductor | LE24CB642 [MSOP8]               | (605)       |
| ON Semiconductor | LE24CB642 [SOP8J]               | (950)       |
| ON Semiconductor | LE24CBK22 [MFP8]                | (1313)      |
| ON Semiconductor | LE24CBK22 [MSOP8]               | (605)       |
| ON Semiconductor | LE24CBK23 [SOP8J]               | (950)       |
| ON Semiconductor | LE24L042 (ISP)                  | (138)       |
| ON Semiconductor | LE24L043 (ISP)                  | (138)       |
| ON Semiconductor | LE24L082 (ISP)                  | (138)       |
| ON Semiconductor | LE24L082 [MSOP8]                | (605)       |
| ON Semiconductor | LE24L162 (ISP)                  | (138)       |
| ON Semiconductor | LE24L162 [MSOP8]                | (605)       |
| ON Semiconductor | LE24L322 (ISP)                  | (138)       |
| ON Semiconductor | LE24L322 [MFP8]                 | (1313)      |
| ON Semiconductor | LE24LA162 (ISP)                 | (138)       |
| ON Semiconductor | LE24LA322 (ISP)                 | (138)       |
| ON Semiconductor | LE24LB1283 (ISP)                | (138)       |
| ON Semiconductor | LE24LB1283 [MFP8]               | (1313)      |
| ON Semiconductor | LE24LB1283 [MSOP8]              | (605)       |
| ON Semiconductor | LE24LB642 (ISP)                 | (138)       |
| ON Semiconductor | LE24LB642 [MFP8]                | (1313)      |
| ON Semiconductor | LE25CA322 (ISP)                 | (138)       |
| ON Semiconductor | LE25CA322 [MFP8]                | (1313)      |
| ON Semiconductor | LE25CA322 [MSOP8]               | (605)       |
| ON Semiconductor | LE25CA322 [USLP8]               | (4538)      |
| ON Semiconductor | LE25CB1282 (ISP)                | (138)       |
| ON Semiconductor | LE25CB1282 [MFP8]               | (1313)      |
| ON Semiconductor | LE25CB5122 (ISP)                | (138)       |
| ON Semiconductor | LE25CB5122 [MFP8]               | (1313)      |
| ON Semiconductor | LE25CB643TT-BH (ISP)            | (138)       |
| ON Semiconductor | LE25CB643TT-BH [Micro8]         | (605)       |
| ON Semiconductor | LE25LA322 (ISP)                 | (138)       |
| ON Semiconductor | LE25LA322 [MFP8]                | (1313)      |
| ON Semiconductor | LE25LA322 [MSOP8]               | (605)       |
| ON Semiconductor | LE25LA322 [USLP8]               | (4538)      |
| ON Semiconductor | LE25LA642 (ISP)                 | (138)       |
| ON Semiconductor | LE25LB1282 (ISP)                | (138)       |
| ON Semiconductor | LE25LB1282 [MFP8]               | (1313)      |
| ON Semiconductor | LE25LB1282 [MSOP8]              | (605)       |
| ON Semiconductor | LE25LB2562 (ISP)                | (138)       |
| ON Semiconductor | LE25LB2562 [MFP8]               | (1313)      |
| ON Semiconductor | LE25LB642 (ISP)                 | (138)       |
| ON Semiconductor | LE25LB643 (ISP)                 | (138)       |
| ON Semiconductor | LE25LB643 [MFP8]                | (1313)      |
| ON Semiconductor | LE25LB643 [MSOP8]               | (605)       |
| ON Semiconductor | LE25U20A (ISP)                  | (138)       |
| ON Semiconductor | LE25U20A [WDFN8 2x3]            | (3935) (*1) |
| ON Semiconductor | LE25U40C (ISP)                  | (138)       |
| ON Semiconductor | LE25U40C [SOP8]                 | (3095) (*1) |
| ON Semiconductor | LE25U40C [SOP8] (Dual I/O)      | (3095) (*1) |
| ON Semiconductor | LE25U40C [VSON8 6x5]            | (3097) (*1) |
| ON Semiconductor | LE25U40C [VSON8 6x5] (Dual I/O) | (3097) (*1) |
| ON Semiconductor | N24C02 (ISP)                    | (138)       |
| ON Semiconductor | N24C04 (ISP)                    | (138)       |
| ON Semiconductor | N24C08 (ISP)                    | (138)       |
| ON Semiconductor | N24C16 (ISP)                    | (138)       |
| ON Semiconductor | N24C32 (ISP)                    | (138)       |
| ON Semiconductor | N24C64 (ISP)                    | (138)       |
| ON Semiconductor | N34C04 (ISP)                    | (138)       |
| ON Semiconductor | N34C04 [UDFN8-2x3]              | (4538)      |
| ON Semiconductor | N34TS04 (ISP)                   | (138)       |
| ON Semiconductor | N34TS04 [TDFN8-2x3]             | (2995)      |
| ON Semiconductor | N34TS04 [UDFN8-2x3]             | (4538)      |
| ON Semiconductor | N84C161 [SOIC8]                 | (950)       |
| ON Semiconductor | N84C162 [SOIC8]                 | (950)       |
| ON Semiconductor | N84C163 [SOIC8]                 | (950)       |
| ON Semiconductor | N93C66 (x16) (ISP)              | (138)       |
| ON Semiconductor | N93C66 (x16) [TDFN8-2x3]        | (2995)      |
| ON Semiconductor | N93C66 (x8) (ISP)               | (138)       |
| ON Semiconductor | N93C66 (x8) [TDFN8-2x3]         | (2995)      |
| ON Semiconductor | NCP81111 [QFN32]                | (3426)      |
| ON Semiconductor | NV24C02 (ISP)                   | (138)       |
| ON Semiconductor | NV24C02 [UDFN8-2x3]             | (4538)      |
| ON Semiconductor | NV24C04 (ISP)                   | (138)       |
| ON Semiconductor | NV24C04 [UDFN8-2x3]             | (4538)      |
| ON Semiconductor | NV24C08 (ISP)                   | (138)       |

|                  |                             |              |
|------------------|-----------------------------|--------------|
| ON Semiconductor | NV24C08 [UDFN8-2x3]         | (4538)       |
| ON Semiconductor | NV24C128 (ISP)              | (138)        |
| ON Semiconductor | NV24C128 [UDFN8-2x3]        | (4538)       |
| ON Semiconductor | NV24C16 (ISP)               | (138)        |
| ON Semiconductor | NV24C16 [UDFN8-2x3]         | (4538)       |
| ON Semiconductor | NV24C256 (ISP)              | (138)        |
| ON Semiconductor | NV24C256 [UDFN8-2x3]        | (4538)       |
| ON Semiconductor | NV24C32 (ISP)               | (138)        |
| ON Semiconductor | NV24C32 [UDFN8-2x3]         | (4538)       |
| ON Semiconductor | NV24C512 (ISP)              | (138)        |
| ON Semiconductor | NV24C512 [UDFN8-2x3]        | (4538)       |
| ON Semiconductor | NV24C64 (ISP)               | (138)        |
| ON Semiconductor | NV24C64 [UDFN8-2x3]         | (4538)       |
| ON Semiconductor | NV24M01 (ISP)               | (138)        |
| ON Semiconductor | NV24M01 [UDFN8-2x3]         | (4538)       |
| ON Semiconductor | NV25010DTHF [TSSOP8]        | (121)        |
| ON Semiconductor | NV25010DWHF [SOIC8-150]     | (950)        |
| ON Semiconductor | NV25010MUW3VT [UDFN8-2x3]   | (4538)       |
| ON Semiconductor | NV25010xxHF (ISP)           | (138)        |
| ON Semiconductor | NV25020DTHF [TSSOP8]        | (121)        |
| ON Semiconductor | NV25020DWHF [SOIC8-150]     | (950)        |
| ON Semiconductor | NV25020MUW3VT [UDFN8-2x3]   | (4538)       |
| ON Semiconductor | NV25020xxHF (ISP)           | (138)        |
| ON Semiconductor | NV25040DTHF [TSSOP8]        | (121)        |
| ON Semiconductor | NV25040DTVL [TSSOP8]        | (121)        |
| ON Semiconductor | NV25040DWHF [SOIC8-150]     | (950)        |
| ON Semiconductor | NV25040DWVL [SOIC8-150]     | (950)        |
| ON Semiconductor | NV25040MUW3VT [UDFN8-2x3]   | (4538)       |
| ON Semiconductor | NV25040xxHF (ISP)           | (138)        |
| ON Semiconductor | NV25040xxVL (ISP)           | (138)        |
| ON Semiconductor | NV25080DTHF [TSSOP8]        | (121)        |
| ON Semiconductor | NV25080DWHF [SOIC8-150]     | (950)        |
| ON Semiconductor | NV25080MUW3VT [UDFN8-2x3]   | (4538)       |
| ON Semiconductor | NV25080xxHF (ISP)           | (138)        |
| ON Semiconductor | NV25160DTHF [TSSOP8]        | (121)        |
| ON Semiconductor | NV25160DWHF [SOIC8-150]     | (950)        |
| ON Semiconductor | NV25160MUW3VT [UDFN8-2x3]   | (4538)       |
| ON Semiconductor | NV25160xxHF (ISP)           | (138)        |
| ON Semiconductor | NV25320DTHF [TSSOP8]        | (121)        |
| ON Semiconductor | NV25320DWHF [SOIC8-150]     | (950)        |
| ON Semiconductor | NV25320MUW3VT [UDFN8-2x3]   | (4538)       |
| ON Semiconductor | NV25320xxHF (ISP)           | (138)        |
| ON Semiconductor | NV25640DTHF [TSSOP8]        | (121)        |
| ON Semiconductor | NV25640DTVL [TSSOP8]        | (121)        |
| ON Semiconductor | NV25640DWHF [SOIC8-150]     | (950)        |
| ON Semiconductor | NV25640DWVL [SOIC8-150]     | (950)        |
| ON Semiconductor | NV25640MUW3VT [UDFN8-2x3]   | (4538)       |
| ON Semiconductor | NV25640xxHF (ISP)           | (138)        |
| ON Semiconductor | NV25640xxVL (ISP)           | (138)        |
| ON Semiconductor | NV25M01 (ISP)               | (138)        |
| ON Semiconductor | NV25M01 [SOIC8-150]         | (950)        |
| ON Semiconductor | NV25M01 [TSSOP8]            | (121)        |
| ON Semiconductor | NV93C46WF (x16) (ISP)       | (138)        |
| ON Semiconductor | NV93C46WF (x16) [UDFN8-2x3] | (4538)       |
| ON Semiconductor | NV93C46WF (x8) (ISP)        | (138)        |
| ON Semiconductor | NV93C46WF (x8) [UDFN8-2x3]  | (4538)       |
| ON Semiconductor | NV93C76WF (x16) (ISP)       | (138)        |
| ON Semiconductor | NV93C76WF (x16) [UDFN8-2x3] | (4538)       |
| ON Semiconductor | NV93C76WF (x8) (ISP)        | (138)        |
| ON Semiconductor | NV93C76WF (x8) [UDFN8-2x3]  | (4538)       |
| ON Semiconductor | NV93C86WF (x16) (ISP)       | (138)        |
| ON Semiconductor | NV93C86WF (x16) [UDFN8-2x3] | (4538)       |
| ON Semiconductor | NV93C86WF (x8) (ISP)        | (138)        |
| ON Semiconductor | NV93C86WF (x8) [UDFN8-2x3]  | (4538)       |
| Panasonic        | C2CBYY001714 (ISP)          | (138)        |
| Panasonic        | C2CBYY001714 [LQFP64]       | (2391)       |
| Panasonic        | MN101AF68G [TQFP80]         | (3835)       |
| Panasonic        | MN101EF29G [LQFP100]        | (3328)       |
| Panasonic        | MN101EF29G [QFP100]         | (4259)       |
| Panasonic        | MN101EF31D [LQFP80]         | (2790)       |
| Panasonic        | MN101EF31G [LQFP80]         | (1567)       |
| Panasonic        | MN101EF32D [LQFP64]         | (3331)       |
| Panasonic        | MN101EF57G [LQFP80]         | (2602)       |
| Panasonic        | MN101EF57G [TQFP80]         | (3835)       |
| Panasonic        | MN101EFC3D [LQFP64]         | (3321)       |
| Panasonic        | MN101EFC3D [TQFP64]         | (3322)       |
| Panasonic        | MN101EFC3G [LQFP64]         | (3321)       |
| Panasonic        | MN101EFC3G [TQFP64]         | (3322)       |
| Panasonic        | MN101EFC3Y [LQFP64]         | (3321)       |
| Panasonic        | MN101EFC3Y [TQFP64]         | (3322)       |
| Panasonic        | MN101EFC3Z [LQFP64]         | (3321)       |
| Panasonic        | MN101EFC3Z [TQFP64]         | (3322)       |
| Panasonic        | MN101EFD3D [LQFP64]         | (3321)       |
| Panasonic        | MN101EFD3D [TQFP64]         | (3322)       |
| Panasonic        | MN101EFD3G [LQFP64]         | (3321)       |
| Panasonic        | MN101EFD3G [TQFP64]         | (3322)       |
| Panasonic        | MN101EFG1H [LQFP80]         | (3574)       |
| Panasonic        | MN101EFG1K [LQFP80]         | (3574)       |
| Panasonic        | MN103SFC2D (ISP)            | (138) (9999) |
| Panasonic        | MN103SFC2D [QFP44]          | (2600)       |
| Panasonic        | MN103SFE4K [LQFP80]         | (2601)       |
| Panasonic        | MN103SFJ9D [QFP44]          | (3140)       |
| Panasonic        | MN103SFK1K [LQFP80]         | (3355)       |
| Panasonic        | MN2708                      | (2)          |
| Panasonic        | MN90F25XA [TQFP64]          | (3322)       |
| Panasonic        | RP-SEMC08DA1 [FBGA153]      | (3294) (*1)  |
| Panasonic        | RP-SEMC16DA1 [FBGA153]      | (3294) (*1)  |
| Panasonic        | RP-SEMC32DA1 [FBGA153]      | (3294) (*1)  |
| Panatech         | RD27C256                    |              |
| Panatech         | RD27C32                     |              |
| Panatech         | RD27C64                     |              |
| Paragon          | PN24C02A                    |              |
| Paragon          | PN24C02A (ISP)              | (138)        |
| Paragon          | PN24C02A [SOP8]             | (950)        |
| Paragon          | PN24C02A [SOT23-5]          | (523)        |
| Paragon          | PN24C02A [TDFN8-2x3]        | (2995)       |
| Paragon          | PN24C02A [TSSOP8]           | (121)        |
| Paragon          | PN24C02B                    |              |
| Paragon          | PN24C02B (ISP)              | (138)        |
| Paragon          | PN24C02B [SOP8]             | (950)        |
| Paragon          | PN24C02B [SOT23-5]          | (523)        |
| Paragon          | PN24C02B [TSSOP8]           | (121)        |
| Paragon          | PN24C02B [UDFN8-2x3]        | (4538)       |
| Paragon          | PN24C04A (ISP)              | (138)        |
| Paragon          | PN24C04A [SOP8]             | (950)        |
| Paragon          | PN24C04A [TSSOP8]           | (121)        |
| Paragon          | PN24C08A (ISP)              | (138)        |
| Paragon          | PN24C08A [SOP8]             | (950)        |
| Paragon          | PN24C08A [TSSOP8]           | (121)        |
| Paragon          | PN24C128A                   |              |
| Paragon          | PN24C128A (ISP)             | (138)        |
| Paragon          | PN24C128A [SOP8]            | (950)        |
| Paragon          | PN24C128A [TDFN8-2x3]       | (2995)       |
| Paragon          | PN24C128A [TSSOP8]          | (121)        |
| Paragon          | PN24C16A (ISP)              | (138)        |
| Paragon          | PN24C16A [SOP8]             | (950)        |
| Paragon          | PN24C16A [TSSOP8]           | (121)        |
| Paragon          | PN24C256A                   |              |

|               |                 |                     |               |
|---------------|-----------------|---------------------|---------------|
| Paragon       | PN24C256A       | (ISP)               | (138)         |
| Paragon       | PN24C256A       | [SOP8]              | (950)         |
| Paragon       | PN24C256A       | [TDFN8-2x3]         | (2995)        |
| Paragon       | PN24C256A       | [TSSOP8]            | (121)         |
| Paragon       | PN24C32A        |                     |               |
| Paragon       | PN24C32A        | (ISP)               | (138)         |
| Paragon       | PN24C32A        | [SOP8]              | (950)         |
| Paragon       | PN24C32A        | [TDFN8-2x3]         | (2995)        |
| Paragon       | PN24C32A        | [TSSOP8]            | (121)         |
| Paragon       | PN24C512A       |                     |               |
| Paragon       | PN24C512A       | (ISP)               | (138)         |
| Paragon       | PN24C512A       | [SOP8]              | (950)         |
| Paragon       | PN24C512A       | [TDFN8-2x3]         | (2995)        |
| Paragon       | PN24C512A       | [TSSOP8]            | (121)         |
| Paragon       | PN24C64A        |                     |               |
| Paragon       | PN24C64A        | (ISP)               | (138)         |
| Paragon       | PN24C64A        | [SOP8]              | (950)         |
| Paragon       | PN24C64A        | [TDFN8-2x3]         | (2995)        |
| Paragon       | PN24C64A        | [TSSOP8]            | (121)         |
| Paragon       | PN25F04         | [SOP8-150]          | (3095) (*1)   |
| Paragon       | PN25F08         |                     |               |
| Paragon       | PN25F08         | [DFN8 2x3]          | (3935) (*1)   |
| Paragon       | PN25F08         | [SOP8-150]          | (3095) (*1)   |
| Paragon       | PN25F08         | [TSSOP8]            | (1388)        |
| Paragon       | PN25F08B        | [SOP8-150]          | (3094) (*1)   |
| Paragon       | PN25F08B        | [SOP8-200]          | (3087) (*1)   |
| Paragon       | PN25F128B       | [SOP8-200]          | (3087) (*1)   |
| Paragon       | PN25F128B       | [WSON8 6x8]         | (3926) (*1)   |
| Paragon       | PN25F16         | [SOP8-150]          | (3095) (*1)   |
| Paragon       | PN25F16         | [SOP8-208]          | (3088) (*1)   |
| Paragon       | PN25F16B        | [SOP8-150]          | (3094) (*1)   |
| Paragon       | PN25F16B        | [SOP8-200]          | (3087) (*1)   |
| Paragon       | PN25F16B        | [TSSOP8]            | (1388) (9999) |
| Paragon       | PN25F16B        | [USON8 2x3]         | (3935) (*1)   |
| Paragon       | PN25F32         | [SOP8-208]          | (3088) (*1)   |
| Paragon       | PN25F64B        | [SOP8-200]          | (3087) (*1)   |
| Paragon       | PN25F64B        | [WSON8 5x6]         | (4117) (*1)   |
| Paragon       | PN26G01A        | [TFBGA24]           | (3128)        |
| Paragon       | PN26G01A        | [WSON8]             | (4914) (*1)   |
| Paragon       | PN26G02A        | [TFBGA24]           | (3128)        |
| Paragon       | PN26G02A        | [WSON8]             | (4914) (*1)   |
| Paragon       | PN26Q01A        | [WSON8]             | (4971)        |
| Paragon       | PN26Q02A        | [WSON8]             | (4971)        |
| Paragon       | PN611G8C2TA-BX0 | [BGA162]            | (3366)        |
| Paragon       | PN612G8C2TA-BXB | [BGA162]            | (3366)        |
| Paragon       | PN612G8D2TE-BXB | [BGA162]            | (3366)        |
| Paragon       | PN614G8D2TE-BXB | [BGA162]            | (3366)        |
| Pasat         | TinyModule      | DIL40 (LPC2103)     |               |
| Pasat         | TinyModule      | DIL40 (LPC2106)     |               |
| Pasat         | TinyModule      | DIL50 (LPC2114)     | (564)         |
| Pasat         | TinyModule      | DIL50A (LPC2129)    | (564)         |
| Pasat         | TinyModule      | DIL50B (LPC2194)    | (564)         |
| PCT           | PCT25VF010A     | (ISP)               | (138)         |
| PCT           | PCT25VF010A     | [SOIC8]             | (3095) (*1)   |
| PCT           | PCT25VF010A     | [WSON8]             | (3097) (*1)   |
| PCT           | PCT25VF016B     | (ISP)               | (138)         |
| PCT           | PCT25VF016B     | [SOIC8]             | (3088) (*1)   |
| PCT           | PCT25VF016B     | [WSON8]             | (3097) (*1)   |
| PCT           | PCT25VF020B     | (ISP)               | (138)         |
| PCT           | PCT25VF020B     | [SOIC8]             | (3095) (*1)   |
| PCT           | PCT25VF020B     | [WSON8]             | (3097) (*1)   |
| PCT           | PCT25VF032B     | (ISP)               | (138)         |
| PCT           | PCT25VF032B     | [SOIC8]             | (3088) (*1)   |
| PCT           | PCT25VF032B     | [WSON8]             | (3097) (*1)   |
| PCT           | PCT25VF040B     | (ISP)               | (138)         |
| PCT           | PCT25VF040B     | [SOIC8-150]         | (3095) (*1)   |
| PCT           | PCT25VF040B     | [SOIC8-200]         | (3088) (*1)   |
| PCT           | PCT25VF040B     | [WSON8]             | (3097) (*1)   |
| PCT           | PCT25VF064C     | (ISP)               | (138)         |
| PCT           | PCT25VF064C     | [SOIC16]            | (3101) (*1)   |
| PCT           | PCT25VF064C     | [SOIC16] (Dual I/O) | (3101) (*1)   |
| PCT           | PCT25VF064C     | [SOIC8]             | (1447)        |
| PCT           | PCT25VF064C     | [SOIC8] (Dual I/O)  | (1447)        |
| PCT           | PCT25VF064C     | [WSON8]             | (3053) (*1)   |
| PCT           | PCT25VF064C     | [WSON8] (Dual I/O)  | (3053) (*1)   |
| PCT           | PCT25VF080B     |                     |               |
| PCT           | PCT25VF080B     | (ISP)               | (138)         |
| PCT           | PCT25VF080B     | [SOIC8]             | (3088) (*1)   |
| PCT           | PCT25VF080B     | [WSON8]             | (3097) (*1)   |
| PCT           | PCT25VF512A     | (ISP)               | (138)         |
| PCT           | PCT25VF512A     | [SOIC8]             | (3095) (*1)   |
| PCT           | PCT25VF512A     | [WSON8]             | (3097) (*1)   |
| PCT           | PCT26VF016      | [SOIC8]             | (3088) (*1)   |
| PCT           | PCT26VF016      | [WSON8]             | (3097) (*1)   |
| PCT           | PCT26VF032      | [SOIC8]             | (3088) (*1)   |
| PCT           | PCT26VF032      | [WSON8]             | (3097) (*1)   |
| PCT           | PCT26WF032      | [SOIC8]             | (3088) (*1)   |
| PCT           | PCT26WF032      | [WSON8]             | (3097) (*1)   |
| PFLASH/MSstar | PS25LV010       | [SOIC8]             | (3095) (*1)   |
| PFLASH/MSstar | PS25LV010       | [WSON8]             | (3097) (*1)   |
| PFLASH/MSstar | PS25LV040       | [SOIC8]             | (3095) (*1)   |
| PFLASH/MSstar | PS25LV040       | [WSON8]             | (3097) (*1)   |
| PFLASH/MSstar | PS25LV512       | [SOIC8]             | (3095) (*1)   |
| PFLASH/MSstar | PS25LV512       | [WSON8]             | (3097) (*1)   |
| Philips       | 27C010          |                     |               |
| Philips       | 27C010          | [PLCC32]            | (59)          |
| Philips       | 27C040          |                     |               |
| Philips       | 27C128          |                     |               |
| Philips       | 27C210          |                     |               |
| Philips       | 27C210          | [PLCC44]            | (67)          |
| Philips       | 27C240          |                     |               |
| Philips       | 27C240          | [PLCC44]            | (67)          |
| Philips       | 27C256          |                     |               |
| Philips       | 27C256          | [PLCC32]            | (59)          |
| Philips       | 27C512          |                     |               |
| Philips       | 27C641          |                     |               |
| Philips       | 27C64A          |                     |               |
| Philips       | 82S100          |                     | (682)         |
| Philips       | 82S101          |                     | (682)         |
| Philips       | 87C451          | [PLCC68]            | (83)          |
| Philips       | 87C453          | [PLCC68]            | (83)          |
| Philips       | 87C51           |                     |               |
| Philips       | 87C51           | [PLCC44]            | (67)          |
| Philips       | 87C592          | [PLCC68]            | (83)          |
| Philips       | 87C748          |                     |               |
| Philips       | 87C748          | [PLCC28]            | (48)          |
| Philips       | 87C748          | [SSOP24]            | (1103)        |
| Philips       | 87C749          |                     |               |
| Philips       | 87C749          | [PLCC28]            | (48)          |
| Philips       | 87C749          | [SSOP28]            | (1103)        |
| Philips       | 87C750          |                     |               |
| Philips       | 87C750          | [PLCC28]            | (48)          |
| Philips       | 87C750          | [SSOP24]            | (1103)        |
| Philips       | 87C751          |                     |               |
| Philips       | 87C751          | [PLCC28]            | (48)          |
| Philips       | 87C751          | [SSOP24]            | (1103)        |
| Philips       | 87C752          |                     |               |
| Philips       | 87C752          | [PLCC28]            | (48)          |

|         |                                   |              |
|---------|-----------------------------------|--------------|
| Philips | 87C752 [SSOP28]                   | (1103)       |
| Philips | EGC2708                           | (2)          |
| Philips | EGC2716                           |              |
| Philips | EGC2732                           |              |
| Philips | LPC1111/101 (ISP-UART)            | (138)        |
| Philips | LPC1111/101 [HVQFN33]             | (1333)       |
| Philips | LPC1111/102 (ISP-UART)            | (138)        |
| Philips | LPC1111/102 [HVQFN33]             | (1333)       |
| Philips | LPC1111/201 (ISP-UART)            | (138)        |
| Philips | LPC1111/201 [HVQFN33]             | (1333)       |
| Philips | LPC1111/202 (ISP-UART)            | (138)        |
| Philips | LPC1111/202 [HVQFN33]             | (1333)       |
| Philips | LPC1111xxxxx/101 (ISP-UART)       | (138)        |
| Philips | LPC1111xxxxx/101 [HVQFN33]        | (1333)       |
| Philips | LPC1111xxxxx/102 (ISP-UART)       | (138)        |
| Philips | LPC1111xxxxx/102 [HVQFN33]        | (1333)       |
| Philips | LPC1111xxxxx/201 (ISP-UART)       | (138)        |
| Philips | LPC1111xxxxx/201 [HVQFN33]        | (1333)       |
| Philips | LPC1111xxxxx/202 (ISP-UART)       | (138)        |
| Philips | LPC1111xxxxx/202 [HVQFN33]        | (1333)       |
| Philips | LPC1112/101 (ISP-UART)            | (138)        |
| Philips | LPC1112/101 [HVQFN33]             | (1333)       |
| Philips | LPC1112/102 (ISP-UART)            | (138)        |
| Philips | LPC1112/102 [HVQFN33]             | (1333)       |
| Philips | LPC1112/201 (ISP-UART)            | (138)        |
| Philips | LPC1112/201 [HVQFN33]             | (1333)       |
| Philips | LPC1112/202 (ISP-UART)            | (138)        |
| Philips | LPC1112/202 [HVQFN33 (5x5)]       | (2698)       |
| Philips | LPC1112/202 [HVQFN33]             | (1333)       |
| Philips | LPC1112/CP3269 (ISP-UART)         | (138)        |
| Philips | LPC1112/CP3269 [DIL28]            | (1503)       |
| Philips | LPC1112/xxxxCP3269 (ISP-UART)     | (138)        |
| Philips | LPC1112/xxxxCP3269 [DIL28]        | (1503)       |
| Philips | LPC1112_A (ISP-UART)              | (138)        |
| Philips | LPC1112_A [HVQFN24]               | (2300)       |
| Philips | LPC1112xxxxx/101 (ISP-UART)       | (138)        |
| Philips | LPC1112xxxxx/101 [HVQFN33]        | (1333)       |
| Philips | LPC1112xxxxx/102 (ISP-UART)       | (138)        |
| Philips | LPC1112xxxxx/102 [HVQFN33]        | (1333)       |
| Philips | LPC1112xxxxx/201 (ISP-UART)       | (138)        |
| Philips | LPC1112xxxxx/201 [HVQFN33]        | (1333)       |
| Philips | LPC1112xxxxx/202 (ISP-UART)       | (138)        |
| Philips | LPC1112xxxxx/202 [HVQFN33 (5x5)]  | (2698)       |
| Philips | LPC1112xxxxx/202 [HVQFN33]        | (1333)       |
| Philips | LPC1113/201 (ISP-UART)            | (138)        |
| Philips | LPC1113/201 [HVQFN33]             | (1333)       |
| Philips | LPC1113/202 (ISP-UART)            | (138)        |
| Philips | LPC1113/202 [HVQFN33]             | (1333)       |
| Philips | LPC1113/301 (ISP-UART)            | (138)        |
| Philips | LPC1113/301 [HVQFN33]             | (1333)       |
| Philips | LPC1113/301 [LQFP48]              | (1332)       |
| Philips | LPC1113/302 (ISP-UART)            | (138)        |
| Philips | LPC1113/302 [HVQFN33]             | (1333)       |
| Philips | LPC1113/302 [LQFP48]              | (1332)       |
| Philips | LPC1113xxxxx/201 (ISP-UART)       | (138)        |
| Philips | LPC1113xxxxx/201 [HVQFN33]        | (1333)       |
| Philips | LPC1113xxxxx/202 (ISP-UART)       | (138)        |
| Philips | LPC1113xxxxx/202 [HVQFN33]        | (1333)       |
| Philips | LPC1113xxxxx/301 (ISP-UART)       | (138)        |
| Philips | LPC1113xxxxx/301 [HVQFN33]        | (1333)       |
| Philips | LPC1113xxxxx/301 [LQFP48]         | (1332)       |
| Philips | LPC1113xxxxx/302 (ISP-UART)       | (138)        |
| Philips | LPC1113xxxxx/302 [HVQFN33]        | (1333)       |
| Philips | LPC1113xxxxx/302 [LQFP48]         | (1332)       |
| Philips | LPC1114/201 (ISP-UART)            | (138)        |
| Philips | LPC1114/201 [HVQFN33]             | (1333)       |
| Philips | LPC1114/202 (ISP-UART)            | (138)        |
| Philips | LPC1114/202 [HVQFN33]             | (1333)       |
| Philips | LPC1114/301 (ISP-UART)            | (138)        |
| Philips | LPC1114/301 [HVQFN33]             | (1333)       |
| Philips | LPC1114/301 [LQFP48]              | (1332)       |
| Philips | LPC1114/302 (ISP-UART)            | (138)        |
| Philips | LPC1114/302 [HVQFN33 (5x5)]       | (2698)       |
| Philips | LPC1114/302 [HVQFN33]             | (1333)       |
| Philips | LPC1114/302 [LQFP48]              | (1332)       |
| Philips | LPC1114xxxxx/201 (ISP-UART)       | (138)        |
| Philips | LPC1114xxxxx/201 [HVQFN33]        | (1333)       |
| Philips | LPC1114xxxxx/202 (ISP-UART)       | (138)        |
| Philips | LPC1114xxxxx/202 [HVQFN33]        | (1333)       |
| Philips | LPC1114xxxxx/301 (ISP-UART)       | (138)        |
| Philips | LPC1114xxxxx/301 [HVQFN33]        | (1333)       |
| Philips | LPC1114xxxxx/301 [LQFP48]         | (1332)       |
| Philips | LPC1114xxxxx/302 (ISP-UART)       | (138)        |
| Philips | LPC1114xxxxx/302 [HVQFN33 (5x5)]  | (2698)       |
| Philips | LPC1114xxxxx/302 [HVQFN33]        | (1333)       |
| Philips | LPC1114xxxxx/302 [LQFP48]         | (1332)       |
| Philips | LPC11C12/301 (ISP-UART)           | (138)        |
| Philips | LPC11C12/301 [LQFP48]             | (1332)       |
| Philips | LPC11C12xxxxx/301 (ISP-SWD)       | (138) (9997) |
| Philips | LPC11C14/301 (ISP-UART)           | (138)        |
| Philips | LPC11C14/301 [LQFP48]             | (1332)       |
| Philips | LPC11C14xxxxx/301 (ISP-SWD)       | (138) (9997) |
| Philips | LPC11C22/301 (ISP-UART)           | (138)        |
| Philips | LPC11C22/301 [LQFP48]             | (1332)       |
| Philips | LPC11C22/301 [LQFP48] (UART)      | (1332)       |
| Philips | LPC11C22xxxxx/301 (ISP-SWD)       | (138) (9997) |
| Philips | LPC11C22xxxxx/301 (ISP-UART)      | (138)        |
| Philips | LPC11C22xxxxx/301 [LQFP48]        | (1332)       |
| Philips | LPC11C22xxxxx/301 [LQFP48] (UART) | (1332)       |
| Philips | LPC11C24/301 (ISP-UART)           | (138)        |
| Philips | LPC11C24/301 [LQFP48]             | (1332)       |
| Philips | LPC11C24/301 [LQFP48] (UART)      | (1332)       |
| Philips | LPC11C24xxxxx/301 (ISP-SWD)       | (138) (9997) |
| Philips | LPC11C24xxxxx/301 (ISP-UART)      | (138)        |
| Philips | LPC11C24xxxxx/301 [LQFP48]        | (1332)       |
| Philips | LPC11C24xxxxx/301 [LQFP48] (UART) | (1332)       |
| Philips | LPC1311 (ISP-UART)                | (138)        |
| Philips | LPC1311 [HVQFN33]                 | (1333)       |
| Philips | LPC1311/01 (ISP-UART)             | (138)        |
| Philips | LPC1311/01 [HVQFN33]              | (1333)       |
| Philips | LPC1311xxxxx/01 (ISP-UART)        | (138)        |
| Philips | LPC1311xxxxx/01 [HVQFN33]         | (1333)       |
| Philips | LPC1313 (ISP-UART)                | (138)        |
| Philips | LPC1313 [HVQFN33]                 | (1333)       |
| Philips | LPC1313 [LQFP48]                  | (1332)       |
| Philips | LPC1313/01 (ISP-UART)             | (138)        |
| Philips | LPC1313/01 [HVQFN33]              | (1333)       |
| Philips | LPC1313/01 [LQFP48]               | (1332)       |
| Philips | LPC1313xxxxx/01 (ISP-UART)        | (138)        |
| Philips | LPC1313xxxxx/01 [HVQFN33]         | (1333)       |
| Philips | LPC1313xxxxx/01 [LQFP48]          | (1332)       |
| Philips | LPC1315 (ISP-UART)                | (138)        |
| Philips | LPC1315 [HVQFN33]                 | (1333)       |
| Philips | LPC1315 [LQFP48]                  | (1332)       |
| Philips | LPC1316 (ISP-UART)                | (138)        |
| Philips | LPC1316 [HVQFN33]                 | (1333)       |
| Philips | LPC1316 [LQFP48]                  | (1332)       |
| Philips | LPC1317 (ISP-UART)                | (138)        |



|         |                            |                   |              |
|---------|----------------------------|-------------------|--------------|
| Philips | LPC1317                    | [HVQFN33]         | (1333)       |
| Philips | LPC1317                    | [LQFP48]          | (1332)       |
| Philips | LPC1317                    | [LQFP64]          | (2697)       |
| Philips | LPC1342                    | (ISP-UART)        | (138)        |
| Philips | LPC1342                    | [HVQFN33]         | (1333)       |
| Philips | LPC1342                    | [LQFP48]          | (1332)       |
| Philips | LPC1343                    | (ISP-UART)        | (138)        |
| Philips | LPC1343                    | [HVQFN33]         | (1333)       |
| Philips | LPC1343                    | [LQFP48]          | (1332)       |
| Philips | LPC1345                    | (ISP-UART)        | (138)        |
| Philips | LPC1345                    | [HVQFN33]         | (1333)       |
| Philips | LPC1345                    | [LQFP48]          | (1332)       |
| Philips | LPC1346                    | (ISP-UART)        | (138)        |
| Philips | LPC1346                    | [HVQFN33]         | (1333)       |
| Philips | LPC1346                    | [LQFP48]          | (1332)       |
| Philips | LPC1347                    | (ISP-UART)        | (138)        |
| Philips | LPC1347                    | [HVQFN33]         | (1333)       |
| Philips | LPC1347                    | [LQFP48]          | (1332)       |
| Philips | LPC1347                    | [LQFP64]          | (2697)       |
| Philips | LPC1751                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1751                    | (ISP-UART)        | (138)        |
| Philips | LPC1751                    | [LQFP80]          | (1330)       |
| Philips | LPC1752                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1752                    | (ISP-UART)        | (138)        |
| Philips | LPC1752                    | [LQFP80]          | (1330)       |
| Philips | LPC1754                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1754                    | (ISP-UART)        | (138)        |
| Philips | LPC1754                    | [LQFP80]          | (1330)       |
| Philips | LPC1756                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1756                    | (ISP-UART)        | (138)        |
| Philips | LPC1756                    | [LQFP80]          | (1330)       |
| Philips | LPC1758                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1758                    | (ISP-UART)        | (138)        |
| Philips | LPC1758                    | [LQFP80]          | (1330)       |
| Philips | LPC1759                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1759                    | (ISP-UART)        | (138)        |
| Philips | LPC1759                    | [LQFP80]          | (1330)       |
| Philips | LPC1763                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1763                    | (ISP-UART)        | (138)        |
| Philips | LPC1763                    | [LQFP100]         | (1331)       |
| Philips | LPC1764                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1764                    | (ISP-UART)        | (138)        |
| Philips | LPC1764                    | [LQFP100]         | (1331)       |
| Philips | LPC1765                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1765                    | (ISP-UART)        | (138)        |
| Philips | LPC1765                    | [LQFP100]         | (1331)       |
| Philips | LPC1765                    | [TFBGA100]        | (1511)       |
| Philips | LPC1766                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1766                    | (ISP-UART)        | (138)        |
| Philips | LPC1766                    | [LQFP100]         | (1331)       |
| Philips | LPC1767                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1767                    | (ISP-UART)        | (138)        |
| Philips | LPC1767                    | [LQFP100]         | (1331)       |
| Philips | LPC1768                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1768                    | (ISP-UART)        | (138)        |
| Philips | LPC1768                    | [LQFP100]         | (1331)       |
| Philips | LPC1768                    | [TFBGA100]        | (1511)       |
| Philips | LPC1769                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1769                    | (ISP-UART)        | (138)        |
| Philips | LPC1769                    | [LQFP100]         | (1331)       |
| Philips | LPC1774                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1774                    | (ISP-UART)        | (138)        |
| Philips | LPC1774                    | [LQFP144]         | (2650)       |
| Philips | LPC1774                    | [LQFP208]         | (1217)       |
| Philips | LPC1776                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1776                    | (ISP-UART)        | (138)        |
| Philips | LPC1776                    | [LQFP208]         | (1217)       |
| Philips | LPC1776                    | [TFBGA180]        | (1512)       |
| Philips | LPC1777                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1777                    | (ISP-UART)        | (138)        |
| Philips | LPC1777                    | [LQFP208]         | (1217)       |
| Philips | LPC1778                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1778                    | (ISP-UART)        | (138)        |
| Philips | LPC1778                    | [LQFP144]         | (2650)       |
| Philips | LPC1778                    | [LQFP208]         | (1217)       |
| Philips | LPC1778                    | [TFBGA180]        | (1512)       |
| Philips | LPC1778                    | [TFBGA208]        | (1439)       |
| Philips | LPC1785                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1785                    | (ISP-UART)        | (138)        |
| Philips | LPC1785                    | [LQFP208]         | (1217)       |
| Philips | LPC1786                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1786                    | (ISP-UART)        | (138)        |
| Philips | LPC1786                    | [LQFP208]         | (1217)       |
| Philips | LPC1787                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1787                    | (ISP-UART)        | (138)        |
| Philips | LPC1787                    | [LQFP208]         | (1217)       |
| Philips | LPC1788                    | (ISP-SWD)         | (138) (9997) |
| Philips | LPC1788                    | (ISP-UART)        | (138)        |
| Philips | LPC1788                    | [LQFP144]         | (2650)       |
| Philips | LPC1788                    | [LQFP208]         | (1217)       |
| Philips | LPC1788                    | [TFBGA180]        | (1512)       |
| Philips | LPC1788                    | [TFBGA208]        | (1439)       |
| Philips | LPC2101                    | (ISP-UART)        | (138)        |
| Philips | LPC2101                    | [LQFP48]          | (174)        |
| Philips | LPC2102                    | (ISP-UART)        | (138)        |
| Philips | LPC2102                    | [HVQFN48]         | (567)        |
| Philips | LPC2102                    | [LQFP48]          | (174)        |
| Philips | LPC2102                    | CV9623 (ISP-UART) | (138)        |
| Philips | LPC2102                    | CV9623 [HVQFN48]  | (567)        |
| Philips | LPC2102                    | CV9623 [LQFP48]   | (174)        |
| Philips | LPC2103                    | (ISP-UART)        | (138)        |
| Philips | LPC2103                    | [HVQFN48]         | (567)        |
| Philips | LPC2103                    | [LQFP48]          | (174)        |
| Philips | LPC2103                    | [PLCC44]          | (67)         |
| Philips | LPC2103H                   | [HVQFN48]         | (2312)       |
| Philips | LPC2104                    | (ISP-UART)        | (138)        |
| Philips | LPC2104                    | [LQFP48]          | (174)        |
| Philips | LPC2104xxxxx/00 (ISP-UART) |                   | (138)        |
| Philips | LPC2104xxxxx/00 [LQFP48]   |                   | (174)        |
| Philips | LPC2104xxxxx/01 (ISP-UART) |                   | (138)        |
| Philips | LPC2104xxxxx/01 [LQFP48]   |                   | (174)        |
| Philips | LPC2105 (ISP-UART)         |                   | (138)        |
| Philips | LPC2105 [LQFP48]           |                   | (174)        |
| Philips | LPC2105xxxxx/00 (ISP-UART) |                   | (138)        |
| Philips | LPC2105xxxxx/00 [LQFP48]   |                   | (174)        |
| Philips | LPC2105xxxxx/01 (ISP-UART) |                   | (138)        |
| Philips | LPC2105xxxxx/01 [LQFP48]   |                   | (174)        |
| Philips | LPC2106 (ISP-UART)         |                   | (138)        |
| Philips | LPC2106 [HVQFN48]          |                   | (567)        |
| Philips | LPC2106 [LQFP48]           |                   | (174)        |
| Philips | LPC2106xxxxx/00 (ISP-UART) |                   | (138)        |
| Philips | LPC2106xxxxx/00 [HVQFN48]  |                   | (567)        |
| Philips | LPC2106xxxxx/00 [LQFP48]   |                   | (174)        |
| Philips | LPC2106xxxxx/01 (ISP-UART) |                   | (138)        |
| Philips | LPC2106xxxxx/01 [HVQFN48]  |                   | (567)        |
| Philips | LPC2106xxxxx/01 [LQFP48]   |                   | (174)        |
| Philips | LPC2109xxxxx/00 (ISP-UART) |                   | (138)        |
| Philips | LPC2109xxxxx/00 [LQFP64]   |                   | (565)        |

|         |                            |        |
|---------|----------------------------|--------|
| Philips | LPC2109xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2109xxxxx/01 [LQFP64]   | (565)  |
| Philips | LPC2114 (ISP-UART)         | (138)  |
| Philips | LPC2114 [HVQFN64]          | (594)  |
| Philips | LPC2114 [LQFP64]           | (565)  |
| Philips | LPC2114xxxxx/00 (ISP-UART) | (138)  |
| Philips | LPC2114xxxxx/00 [LQFP64]   | (565)  |
| Philips | LPC2114xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2114xxxxx/01 [LQFP64]   | (565)  |
| Philips | LPC2119 (ISP-UART)         | (138)  |
| Philips | LPC2119 [HVQFN64]          | (594)  |
| Philips | LPC2119 [LQFP64]           | (565)  |
| Philips | LPC2119xxxxx/00 (ISP-UART) | (138)  |
| Philips | LPC2119xxxxx/00 [LQFP64]   | (565)  |
| Philips | LPC2119xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2119xxxxx/01 [LQFP64]   | (565)  |
| Philips | LPC2124 (ISP-UART)         | (138)  |
| Philips | LPC2124 [HVQFN64]          | (594)  |
| Philips | LPC2124 [LQFP64]           | (565)  |
| Philips | LPC2124xxxxx/00 (ISP-UART) | (138)  |
| Philips | LPC2124xxxxx/00 [LQFP64]   | (565)  |
| Philips | LPC2124xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2124xxxxx/01 [LQFP64]   | (565)  |
| Philips | LPC2129 (ISP-UART)         | (138)  |
| Philips | LPC2129 [HVQFN64]          | (594)  |
| Philips | LPC2129 [LQFP64]           | (565)  |
| Philips | LPC2129xxxxx/00 (ISP-UART) | (138)  |
| Philips | LPC2129xxxxx/00 [LQFP64]   | (565)  |
| Philips | LPC2129xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2129xxxxx/01 [LQFP64]   | (565)  |
| Philips | LPC2131 (ISP-UART)         | (138)  |
| Philips | LPC2131 [LQFP64]           | (565)  |
| Philips | LPC2131xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2131xxxxx/01 [LQFP64]   | (565)  |
| Philips | LPC2132 (ISP-UART)         | (138)  |
| Philips | LPC2132 [HVQFN64]          | (594)  |
| Philips | LPC2132 [LQFP64]           | (565)  |
| Philips | LPC2132xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2132xxxxx/01 [HVQFN64]  | (594)  |
| Philips | LPC2132xxxxx/01 [LQFP64]   | (565)  |
| Philips | LPC2134 (ISP-UART)         | (138)  |
| Philips | LPC2134 [LQFP64]           | (565)  |
| Philips | LPC2134xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2134xxxxx/01 [LQFP64]   | (565)  |
| Philips | LPC2136 (ISP-UART)         | (138)  |
| Philips | LPC2136 [LQFP64]           | (565)  |
| Philips | LPC2136xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2136xxxxx/01 [LQFP64]   | (565)  |
| Philips | LPC2138 (ISP-UART)         | (138)  |
| Philips | LPC2138 [HVQFN64]          | (594)  |
| Philips | LPC2138 [LQFP64]           | (565)  |
| Philips | LPC2138xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2138xxxxx/01 [HVQFN64]  | (594)  |
| Philips | LPC2138xxxxx/01 [LQFP64]   | (565)  |
| Philips | LPC2141 (ISP-UART)         | (138)  |
| Philips | LPC2141 [LQFP64]           | (565)  |
| Philips | LPC2142 (ISP-UART)         | (138)  |
| Philips | LPC2142 [LQFP64]           | (565)  |
| Philips | LPC2144 (ISP-UART)         | (138)  |
| Philips | LPC2144 [LQFP64]           | (565)  |
| Philips | LPC2146 (ISP-UART)         | (138)  |
| Philips | LPC2146 [LQFP64]           | (565)  |
| Philips | LPC2148 (ISP-UART)         | (138)  |
| Philips | LPC2148 [LQFP64]           | (565)  |
| Philips | LPC2157 (ISP-UART)         | (138)  |
| Philips | LPC2157 [LQFP100]          | (1315) |
| Philips | LPC2158 (ISP-UART)         | (138)  |
| Philips | LPC2158 [LQFP100]          | (1315) |
| Philips | LPC2194 (ISP-UART)         | (138)  |
| Philips | LPC2194 [LQFP64]           | (565)  |
| Philips | LPC2194xxxxx/00 (ISP-UART) | (138)  |
| Philips | LPC2194xxxxx/00 [LQFP64]   | (565)  |
| Philips | LPC2194xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2194xxxxx/01 [LQFP64]   | (565)  |
| Philips | LPC2212 (ISP-UART)         | (138)  |
| Philips | LPC2212 [LQFP144]          | (566)  |
| Philips | LPC2212xxxxx/00 (ISP-UART) | (138)  |
| Philips | LPC2212xxxxx/00 [LQFP144]  | (566)  |
| Philips | LPC2212xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2212xxxxx/01 [LQFP144]  | (566)  |
| Philips | LPC2214 (ISP-UART)         | (138)  |
| Philips | LPC2214 [LQFP144]          | (566)  |
| Philips | LPC2214xxxxx/00 (ISP-UART) | (138)  |
| Philips | LPC2214xxxxx/00 [LQFP144]  | (566)  |
| Philips | LPC2214xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2214xxxxx/01 [LQFP144]  | (566)  |
| Philips | LPC2292 (ISP-UART)         | (138)  |
| Philips | LPC2292 [LQFP144]          | (566)  |
| Philips | LPC2292 [TFBGA144]         | (1513) |
| Philips | LPC2292xxxxx/00 (ISP-UART) | (138)  |
| Philips | LPC2292xxxxx/00 [LQFP144]  | (566)  |
| Philips | LPC2292xxxxx/00 [TFBGA144] | (1513) |
| Philips | LPC2292xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2292xxxxx/01 [LQFP144]  | (566)  |
| Philips | LPC2292xxxxx/01 [TFBGA144] | (1513) |
| Philips | LPC2294 (ISP-UART)         | (138)  |
| Philips | LPC2294 [LQFP144]          | (566)  |
| Philips | LPC2294xxxxx/00 (ISP-UART) | (138)  |
| Philips | LPC2294xxxxx/00 [LQFP144]  | (566)  |
| Philips | LPC2294xxxxx/01 (ISP-UART) | (138)  |
| Philips | LPC2294xxxxx/01 [LQFP144]  | (566)  |
| Philips | LPC2361 (ISP-UART)         | (138)  |
| Philips | LPC2361 [LQFP100]          | (914)  |
| Philips | LPC2362 (ISP-UART)         | (138)  |
| Philips | LPC2362 [LQFP100]          | (914)  |
| Philips | LPC2364 (ISP-UART)         | (138)  |
| Philips | LPC2364 [LQFP100]          | (914)  |
| Philips | LPC2364 [TFBGA100]         | (1511) |
| Philips | LPC2365 (ISP-UART)         | (138)  |
| Philips | LPC2365 [LQFP100]          | (914)  |
| Philips | LPC2366 (ISP-UART)         | (138)  |
| Philips | LPC2366 [LQFP100]          | (914)  |
| Philips | LPC2367 (ISP-UART)         | (138)  |
| Philips | LPC2367 [LQFP100]          | (914)  |
| Philips | LPC2368 (ISP-UART)         | (138)  |
| Philips | LPC2368 [LQFP100]          | (914)  |
| Philips | LPC2368 [TFBGA100]         | (1511) |
| Philips | LPC2377 (ISP-UART)         | (138)  |
| Philips | LPC2377 [LQFP144]          | (915)  |
| Philips | LPC2378 (ISP-UART)         | (138)  |
| Philips | LPC2378 [LQFP144]          | (915)  |
| Philips | LPC2387 (ISP-UART)         | (138)  |
| Philips | LPC2387 [LQFP100]          | (914)  |
| Philips | LPC2388 (ISP-UART)         | (138)  |
| Philips | LPC2388 [LQFP144]          | (915)  |
| Philips | LPC2458 (ISP-UART)         | (138)  |
| Philips | LPC2458 [TFBGA180]         | (1512) |
| Philips | LPC2468 (ISP-UART)         | (138)  |

|         |           |            |        |
|---------|-----------|------------|--------|
| Philips | LPC2468   | [LQFP208]  | (1217) |
| Philips | LPC2468   | [TFBGA208] | (1439) |
| Philips | LPC2478   | [ISP-UART] | (138)  |
| Philips | LPC2478   | [LQFP208]  | (1217) |
| Philips | LPC2478   | [TFBGA208] | (1439) |
| Philips | P3222V10  |            |        |
| Philips | P3222V10  | [PLCC28]   | (48)   |
| Philips | P3222V10  | [SOIC24]   | (1062) |
| Philips | P3222V10  | [TSSOP24]  | (1090) |
| Philips | P5222V10  |            |        |
| Philips | P5222V10  | [PLCC28]   | (48)   |
| Philips | P5222V10  | [SOIC24]   | (1062) |
| Philips | P5222V10  | [TSSOP24]  | (1090) |
| Philips | P85LPC768 | [PLCC44]   | (67)   |
| Philips | P85LPC769 | [PLCC44]   | (67)   |
| Philips | P87C51    |            |        |
| Philips | P87C51    | [PLCC44]   | (67)   |
| Philips | P87C51    | [PQFP44]   | (592)  |
| Philips | P87C51FA  |            |        |
| Philips | P87C51FA  | [PLCC44]   | (67)   |
| Philips | P87C51FA  | [PQFP44]   | (592)  |
| Philips | P87C51FB  |            |        |
| Philips | P87C51FB  | [PLCC44]   | (67)   |
| Philips | P87C51FB  | [PQFP44]   | (592)  |
| Philips | P87C51FC  |            |        |
| Philips | P87C51FC  | [PLCC44]   | (67)   |
| Philips | P87C51FC  | [PQFP44]   | (592)  |
| Philips | P87C51MA2 | [PLCC44]   | (67)   |
| Philips | P87C51MB2 | [PLCC44]   | (67)   |
| Philips | P87C51MC2 | [PLCC44]   | (67)   |
| Philips | P87C51RA+ |            |        |
| Philips | P87C51RA+ | [PLCC44]   | (67)   |
| Philips | P87C51RA+ | [PQFP44]   | (592)  |
| Philips | P87C51RA2 |            |        |
| Philips | P87C51RA2 | [LQFP44]   | (94)   |
| Philips | P87C51RA2 | [PLCC44]   | (67)   |
| Philips | P87C51RB+ |            |        |
| Philips | P87C51RB+ | [PLCC44]   | (67)   |
| Philips | P87C51RB+ | [PQFP44]   | (592)  |
| Philips | P87C51RB2 |            |        |
| Philips | P87C51RB2 | [LQFP44]   | (94)   |
| Philips | P87C51RB2 | [PLCC44]   | (67)   |
| Philips | P87C51RC+ |            |        |
| Philips | P87C51RC+ | [PLCC44]   | (67)   |
| Philips | P87C51RC+ | [PQFP44]   | (592)  |
| Philips | P87C51RC2 |            |        |
| Philips | P87C51RC2 | [LQFP44]   | (94)   |
| Philips | P87C51RC2 | [PLCC44]   | (67)   |
| Philips | P87C51RD+ |            |        |
| Philips | P87C51RD+ | [PLCC44]   | (67)   |
| Philips | P87C51RD+ | [PQFP44]   | (592)  |
| Philips | P87C51RD2 |            |        |
| Philips | P87C51RD2 | [LQFP44]   | (94)   |
| Philips | P87C51RD2 | [PLCC44]   | (67)   |
| Philips | P87C51X2  |            |        |
| Philips | P87C51X2  | [LQFP44]   | (94)   |
| Philips | P87C51X2  | [PLCC44]   | (67)   |
| Philips | P87C52    |            |        |
| Philips | P87C52    | [PLCC44]   | (67)   |
| Philips | P87C52    | [PQFP44]   | (592)  |
| Philips | P87C524   |            |        |
| Philips | P87C524   | [PLCC44]   | (67)   |
| Philips | P87C524   | [QFP44]    | (592)  |
| Philips | P87C528   |            |        |
| Philips | P87C528   | [PLCC44]   | (67)   |
| Philips | P87C528   | [QFP44]    | (592)  |
| Philips | P87C52X2  |            |        |
| Philips | P87C52X2  | [LQFP44]   | (94)   |
| Philips | P87C52X2  | [PLCC44]   | (67)   |
| Philips | P87C54    |            |        |
| Philips | P87C54    | [PLCC44]   | (67)   |
| Philips | P87C54    | [PQFP44]   | (592)  |
| Philips | P87C54X2  |            |        |
| Philips | P87C54X2  | [LQFP44]   | (94)   |
| Philips | P87C54X2  | [PLCC44]   | (67)   |
| Philips | P87C550   |            |        |
| Philips | P87C550   | [PLCC44]   | (67)   |
| Philips | P87C552   | [PLCC68]   | (83)   |
| Philips | P87C554   | [PLCC68]   | (83)   |
| Philips | P87C557E8 | [QFP80]    | (752)  |
| Philips | P87C575   |            |        |
| Philips | P87C575   | [PLCC44]   | (67)   |
| Philips | P87C575   | [PQFP44]   | (592)  |
| Philips | P87C576   |            |        |
| Philips | P87C576   | [PLCC44]   | (67)   |
| Philips | P87C576   | [PQFP44]   | (592)  |
| Philips | P87C58    |            |        |
| Philips | P87C58    | [PLCC44]   | (67)   |
| Philips | P87C58    | [PQFP44]   | (592)  |
| Philips | P87C58X2  |            |        |
| Philips | P87C58X2  | [LQFP44]   | (94)   |
| Philips | P87C58X2  | [PLCC44]   | (67)   |
| Philips | P87C591   | [PLCC44]   | (67)   |
| Philips | P87C591   | [QFP44]    | (108)  |
| Philips | P87C654X2 | [LQFP44]   | (94)   |
| Philips | P87C654X2 | [PLCC44]   | (67)   |
| Philips | P87C660X2 | [LQFP44]   | (94)   |
| Philips | P87C660X2 | [PLCC44]   | (67)   |
| Philips | P87C661X2 | [LQFP44]   | (94)   |
| Philips | P87C661X2 | [PLCC44]   | (67)   |
| Philips | P87C766   | [SDIP42]   | (164)  |
| Philips | P87CL52X2 | [LQFP44]   | (94)   |
| Philips | P87CL52X2 | [TSSOP38]  | (884)  |
| Philips | P87CL54X2 | [LQFP44]   | (94)   |
| Philips | P87CL54X2 | [TSSOP38]  | (884)  |
| Philips | P87LPC760 |            |        |
| Philips | P87LPC760 | [ISP]      | (138)  |
| Philips | P87LPC760 | [TSSOP14]  | (1087) |
| Philips | P87LPC761 |            |        |
| Philips | P87LPC761 | [ISP]      | (138)  |
| Philips | P87LPC761 | [TSSOP16]  | (1088) |
| Philips | P87LPC762 |            |        |
| Philips | P87LPC762 | [ISP]      | (138)  |
| Philips | P87LPC762 | [SO20]     | (119)  |
| Philips | P87LPC762 | [TSSOP20]  | (1089) |
| Philips | P87LPC764 |            |        |
| Philips | P87LPC764 | [ISP]      | (138)  |
| Philips | P87LPC764 | [SO20]     | (119)  |
| Philips | P87LPC764 | [TSSOP20]  | (1089) |
| Philips | P87LPC767 |            |        |
| Philips | P87LPC767 | [ISP]      | (138)  |
| Philips | P87LPC767 | [SO20]     | (119)  |
| Philips | P87LPC768 |            |        |
| Philips | P87LPC768 | [ISP]      | (138)  |
| Philips | P87LPC768 | [SO20]     | (119)  |
| Philips | P87LPC769 | [ISP]      | (138)  |
| Philips | P87LPC769 | [SO20]     | (119)  |
| Philips | P87LPC778 |            |        |

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| Philips | P87LPC778 (ISP)      | (138)  |
| Philips | P87LPC778 [S020]     | (119)  |
| Philips | P87LPC778 [TSS0P20]  | (1089) |
| Philips | P87LPC779            |        |
| Philips | P87LPC779 (ISP)      | (138)  |
| Philips | P87LPC779 [S020]     | (119)  |
| Philips | P87LPC779 [TSS0P20]  | (1089) |
| Philips | P89C51B              |        |
| Philips | P89C51B [LQFP44]     | (94)   |
| Philips | P89C51B [PLCC44]     | (67)   |
| Philips | P89C51RA+            |        |
| Philips | P89C51RA+ [PLCC44]   | (67)   |
| Philips | P89C51RA+ [QFP44]    | (592)  |
| Philips | P89C51RA2            |        |
| Philips | P89C51RA2 (ISP)      | (138)  |
| Philips | P89C51RA2 [LQFP44]   | (94)   |
| Philips | P89C51RA2 [PLCC44]   | (67)   |
| Philips | P89C51RB+            |        |
| Philips | P89C51RB+ [PLCC44]   | (67)   |
| Philips | P89C51RB+ [QFP44]    | (592)  |
| Philips | P89C51RB2            |        |
| Philips | P89C51RB2 (ISP)      | (138)  |
| Philips | P89C51RB2 [LQFP44]   | (94)   |
| Philips | P89C51RB2 [PLCC44]   | (67)   |
| Philips | P89C51RB2H           |        |
| Philips | P89C51RB2H (ISP)     | (138)  |
| Philips | P89C51RB2H [LQFP44]  | (94)   |
| Philips | P89C51RB2H [PLCC44]  | (67)   |
| Philips | P89C51RC+            |        |
| Philips | P89C51RC+ [PLCC44]   | (67)   |
| Philips | P89C51RC+ [QFP44]    | (592)  |
| Philips | P89C51RC2            |        |
| Philips | P89C51RC2 (ISP)      | (138)  |
| Philips | P89C51RC2 [LQFP44]   | (94)   |
| Philips | P89C51RC2 [PLCC44]   | (67)   |
| Philips | P89C51RC2H           |        |
| Philips | P89C51RC2H (ISP)     | (138)  |
| Philips | P89C51RC2H [LQFP44]  | (94)   |
| Philips | P89C51RC2H [PLCC44]  | (67)   |
| Philips | P89C51RD+            |        |
| Philips | P89C51RD+ [PLCC44]   | (67)   |
| Philips | P89C51RD+ [QFP44]    | (592)  |
| Philips | P89C51RD2            |        |
| Philips | P89C51RD2 (ISP)      | (138)  |
| Philips | P89C51RD2 [LQFP44]   | (94)   |
| Philips | P89C51RD2 [PLCC44]   | (67)   |
| Philips | P89C51RD2H           |        |
| Philips | P89C51RD2H (ISP)     | (138)  |
| Philips | P89C51RD2H [LQFP44]  | (94)   |
| Philips | P89C51RD2H [PLCC44]  | (67)   |
| Philips | P89C51U              |        |
| Philips | P89C51U [PLCC44]     | (67)   |
| Philips | P89C51U [PQFP44]     | (592)  |
| Philips | P89C51X2             |        |
| Philips | P89C51X2 [LQFP44]    | (94)   |
| Philips | P89C51X2 [PLCC44]    | (67)   |
| Philips | P89C52B              |        |
| Philips | P89C52B [LQFP44]     | (94)   |
| Philips | P89C52B [PLCC44]     | (67)   |
| Philips | P89C52U              |        |
| Philips | P89C52U [PLCC44]     | (67)   |
| Philips | P89C52U [PQFP44]     | (592)  |
| Philips | P89C52X2             |        |
| Philips | P89C52X2 [LQFP44]    | (94)   |
| Philips | P89C52X2 [PLCC44]    | (67)   |
| Philips | P89C54B              |        |
| Philips | P89C54B [LQFP44]     | (94)   |
| Philips | P89C54B [PLCC44]     | (67)   |
| Philips | P89C54U              |        |
| Philips | P89C54U [PLCC44]     | (67)   |
| Philips | P89C54U [PQFP44]     | (592)  |
| Philips | P89C54X2             |        |
| Philips | P89C54X2 [LQFP44]    | (94)   |
| Philips | P89C54X2 [PLCC44]    | (67)   |
| Philips | P89C58B              |        |
| Philips | P89C58B [LQFP44]     | (94)   |
| Philips | P89C58B [PLCC44]     | (67)   |
| Philips | P89C58U              |        |
| Philips | P89C58U [PLCC44]     | (67)   |
| Philips | P89C58U [PQFP44]     | (592)  |
| Philips | P89C58X2             |        |
| Philips | P89C58X2 [LQFP44]    | (94)   |
| Philips | P89C58X2 [PLCC44]    | (67)   |
| Philips | P89C60X2             |        |
| Philips | P89C60X2 (ISP)       | (138)  |
| Philips | P89C60X2 [LQFP44]    | (94)   |
| Philips | P89C60X2 [PLCC44]    | (67)   |
| Philips | P89C61X2             |        |
| Philips | P89C61X2 (ISP)       | (138)  |
| Philips | P89C61X2 [LQFP44]    | (94)   |
| Philips | P89C61X2 [PLCC44]    | (67)   |
| Philips | P89C660H             |        |
| Philips | P89C660H (ISP)       | (138)  |
| Philips | P89C660H [LQFP44]    | (94)   |
| Philips | P89C660H [PLCC44]    | (67)   |
| Philips | P89C662H             |        |
| Philips | P89C662H (ISP)       | (138)  |
| Philips | P89C662H [LQFP44]    | (94)   |
| Philips | P89C662H [PLCC44]    | (67)   |
| Philips | P89C664H             |        |
| Philips | P89C664H (ISP)       | (138)  |
| Philips | P89C664H [LQFP44]    | (94)   |
| Philips | P89C664H [PLCC44]    | (67)   |
| Philips | P89C668H             |        |
| Philips | P89C668H (ISP)       | (138)  |
| Philips | P89C668H [LQFP44]    | (94)   |
| Philips | P89C668H [PLCC44]    | (67)   |
| Philips | P89C669              |        |
| Philips | P89C669 [LQFP44]     | (94)   |
| Philips | P89C669 [PLCC44]     | (67)   |
| Philips | P89C738              |        |
| Philips | P89C738 [PLCC44]     | (67)   |
| Philips | P89C739 [PLCC68]     | (83)   |
| Philips | P89LPC901            |        |
| Philips | P89LPC901 (ISP-ICP)  | (138)  |
| Philips | P89LPC901 [S0IC8]    | (950)  |
| Philips | P89LPC902            |        |
| Philips | P89LPC902 (ISP-ICP)  | (138)  |
| Philips | P89LPC902 [S0IC8]    | (950)  |
| Philips | P89LPC903            |        |
| Philips | P89LPC903 (ISP-ICP)  | (138)  |
| Philips | P89LPC903 [S0IC8]    | (950)  |
| Philips | P89LPC904            |        |
| Philips | P89LPC904 (ISP-ICP)  | (138)  |
| Philips | P89LPC904 [S0IC8]    | (950)  |
| Philips | P89LPC906            |        |
| Philips | P89LPC906 (ISP-ICP)  | (138)  |
| Philips | P89LPC906 [S0IC8]    | (950)  |
| Philips | P89LPC907            |        |
| Philips | P89LPC907 (ISP-ICP)  | (138)  |
| Philips | P89LPC907 [S0IC8]    | (950)  |
| Philips | P89LPC908            |        |
| Philips | P89LPC908 (ISP-ICP)  | (138)  |
| Philips | P89LPC908 [S0IC8]    | (950)  |
| Philips | P89LPC9102           |        |
| Philips | P89LPC9102 (ISP-ICP) | (138)  |
| Philips | P89LPC9102 [HVSON10] | (730)  |
| Philips | P89LPC9103           |        |
| Philips | P89LPC9103 (ISP-ICP) | (138)  |

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| Philips | P89LPC9103   | [HVSON10]         | (730)  |
| Philips | P89LPC9107   |                   |        |
| Philips | P89LPC9107   | (ISP-ICP)         | (138)  |
| Philips | P89LPC9107   | [TSSOP14]         | (1087) |
| Philips | P89LPC912    | (ISP-ICP)         | (138)  |
| Philips | P89LPC912    | [TSSOP14]         | (1087) |
| Philips | P89LPC913    | (ISP-ICP)         | (138)  |
| Philips | P89LPC913    | [TSSOP14]         | (1087) |
| Philips | P89LPC914    | (ISP-ICP)         | (138)  |
| Philips | P89LPC914    | [TSSOP14]         | (1087) |
| Philips | P89LPC915    |                   |        |
| Philips | P89LPC915    | (ISP-ICP)         | (138)  |
| Philips | P89LPC915    | [TSSOP14]         | (1087) |
| Philips | P89LPC916    | (ISP-ICP)         | (138)  |
| Philips | P89LPC916    | [TSSOP16]         | (1088) |
| Philips | P89LPC917    | (ISP-ICP)         | (138)  |
| Philips | P89LPC917    | [TSSOP16]         | (1088) |
| Philips | P89LPC920    |                   |        |
| Philips | P89LPC920    | (ISP-ICP)         | (138)  |
| Philips | P89LPC920    | [TSSOP20]         | (1089) |
| Philips | P89LPC921    |                   |        |
| Philips | P89LPC921    | (ISP-ICP)         | (138)  |
| Philips | P89LPC921    | [TSSOP20]         | (1089) |
| Philips | P89LPC922    |                   |        |
| Philips | P89LPC922    | (ISP-ICP)         | (138)  |
| Philips | P89LPC922    | [TSSOP20]         | (1089) |
| Philips | P89LPC9221   |                   |        |
| Philips | P89LPC9221   | (ISP-ICP)         | (138)  |
| Philips | P89LPC9221   | [TSSOP20]         | (1089) |
| Philips | P89LPC924    |                   |        |
| Philips | P89LPC924    | (ISP-ICP)         | (138)  |
| Philips | P89LPC924    | [TSSOP20]         | (1089) |
| Philips | P89LPC925    |                   |        |
| Philips | P89LPC925    | (ISP-ICP)         | (138)  |
| Philips | P89LPC925    | [TSSOP20]         | (1089) |
| Philips | P89LPC930    | (ISP-ICP)         | (138)  |
| Philips | P89LPC930    | [TSSOP28]         | (172)  |
| Philips | P89LPC931    | (ISP-ICP)         | (138)  |
| Philips | P89LPC931    | [TSSOP28]         | (172)  |
| Philips | P89LPC9311   | (ISP-ICP)         | (138)  |
| Philips | P89LPC9311   | [TSSOP28]         | (172)  |
| Philips | P89LPC932    | [HVQFN28]         | (635)  |
| Philips | P89LPC932    | [PLCC28]          | (48)   |
| Philips | P89LPC932    | [TSSOP28]         | (172)  |
| Philips | P89LPC932A1  | (ISP-ICP)         | (138)  |
| Philips | P89LPC932A1  | [HVQFN28]         | (635)  |
| Philips | P89LPC932A1  | [PLCC28]          | (48)   |
| Philips | P89LPC932A1  | [TSSOP28]         | (172)  |
| Philips | P89LPC933    | (ISP-ICP)         | (138)  |
| Philips | P89LPC933    | [TSSOP28]         | (172)  |
| Philips | P89LPC934    | (ISP-ICP)         | (138)  |
| Philips | P89LPC934    | [TSSOP28]         | (172)  |
| Philips | P89LPC935    | (ISP-ICP)         | (138)  |
| Philips | P89LPC935    | [HVQFN28]         | (635)  |
| Philips | P89LPC935    | [PLCC28]          | (48)   |
| Philips | P89LPC935    | [TSSOP28]         | (172)  |
| Philips | P89LPC936    | (ISP-ICP)         | (138)  |
| Philips | P89LPC936    | [HVQFN28]         | (635)  |
| Philips | P89LPC936    | [PLCC28]          | (48)   |
| Philips | P89LPC936    | [TSSOP28]         | (172)  |
| Philips | P89LPC938    | (ISP-ICP)         | (138)  |
| Philips | P89LPC938    | [HVQFN28]         | (635)  |
| Philips | P89LPC938    | [PLCC28]          | (48)   |
| Philips | P89LPC938    | [TSSOP28]         | (172)  |
| Philips | P89LPC9401   | (ISP-ICP)         | (138)  |
| Philips | P89LPC9401   | [LQFP64]          | (768)  |
| Philips | P89LPC9408   | (ISP-ICP)         | (138)  |
| Philips | P89LPC9408   | [LQFP64]          | (768)  |
| Philips | P89LPC952    | (ISP-ICP)         | (138)  |
| Philips | P89LPC952    | [LQFP44]          | (94)   |
| Philips | P89LPC952    | [PLCC44]          | (67)   |
| Philips | P89LPC954    | (ISP-ICP)         | (138)  |
| Philips | P89LPC954    | [LQFP44]          | (94)   |
| Philips | P89LPC954    | [PLCC44]          | (67)   |
| Philips | P89LV51RB2   |                   |        |
| Philips | P89LV51RB2   | (ISP)             | (138)  |
| Philips | P89LV51RB2   | [PLCC44]          | (67)   |
| Philips | P89LV51RB2   | [TQFP44]          | (94)   |
| Philips | P89LV51RC2   |                   |        |
| Philips | P89LV51RC2   | (ISP)             | (138)  |
| Philips | P89LV51RC2   | [PLCC44]          | (67)   |
| Philips | P89LV51RC2   | [TQFP44]          | (94)   |
| Philips | P89LV51RD2   |                   |        |
| Philips | P89LV51RD2   | (ISP)             | (138)  |
| Philips | P89LV51RD2   | [PLCC44]          | (67)   |
| Philips | P89LV51RD2   | [PLCC44] (vfyse1) | (67)   |
| Philips | P89LV51RD2   | [TQFP44]          | (94)   |
| Philips | P89V51RB2    |                   |        |
| Philips | P89V51RB2    | (ISP)             | (138)  |
| Philips | P89V51RB2    | [PLCC44]          | (67)   |
| Philips | P89V51RB2    | [PLCC44] (vfyse1) | (67)   |
| Philips | P89V51RB2    | [TQFP44]          | (94)   |
| Philips | P89V51RC2    |                   |        |
| Philips | P89V51RC2    | (ISP)             | (138)  |
| Philips | P89V51RC2    | [PLCC44]          | (67)   |
| Philips | P89V51RC2    | [TQFP44]          | (94)   |
| Philips | P89V51RD2    |                   |        |
| Philips | P89V51RD2    | (ISP)             | (138)  |
| Philips | P89V51RD2    | [PLCC44]          | (67)   |
| Philips | P89V51RD2    | [TQFP44]          | (94)   |
| Philips | P89V660      | (ISP)             | (138)  |
| Philips | P89V660      | [PLCC44]          | (67)   |
| Philips | P89V660      | [TQFP44]          | (94)   |
| Philips | P89V662      | (ISP)             | (138)  |
| Philips | P89V662      | [PLCC44]          | (67)   |
| Philips | P89V662      | [TQFP44]          | (94)   |
| Philips | P89V664      | (ISP)             | (138)  |
| Philips | P89V664      | [PLCC44]          | (67)   |
| Philips | P89V664      | [TQFP44]          | (94)   |
| Philips | PCA24S08     | (ISP)             | (138)  |
| Philips | PCA24S08     | [S08]             | (950)  |
| Philips | PCA24S08     | [TSSOP8]          | (605)  |
| Philips | PCA8581/C    |                   |        |
| Philips | PCA8581/C    | (ISP)             | (138)  |
| Philips | PCA8581/C    | [SOIC8]           | (950)  |
| Philips | PCA8582C/D/E |                   |        |
| Philips | PCA8582C/D/E | (ISP)             | (138)  |
| Philips | PCA8582C/D/E | [SOIC8]           | (950)  |
| Philips | PCA8582C-2   |                   |        |
| Philips | PCA8582C-2   | (ISP)             | (138)  |
| Philips | PCA8582C-2   | [SOIC8]           | (950)  |
| Philips | PCA9500      | (ISP)             | (138)  |
| Philips | PCA9500      | [HVQFN16]         | (883)  |
| Philips | PCA9500      | [SO16]            | (44)   |
| Philips | PCA9500      | [TSSOP16]         | (1088) |
| Philips | PCA9501      | [SO20]            | (119)  |
| Philips | PCA9501      | [TSSOP20]         | (1089) |
| Philips | PCB2421      |                   |        |

|         |                                  |        |
|---------|----------------------------------|--------|
| Philips | PCB2421 [SOIC8]                  | (950)  |
| Philips | PCD80703HL [LQFP64]              | (866)  |
| Philips | PCD80705HL [LQFP100]             | (753)  |
| Philips | PCD80708HL [LQFP80]              | (865)  |
| Philips | PCD80715HL [LQFP100]             | (753)  |
| Philips | PCD80716HL [LQFP100]             | (753)  |
| Philips | PCD80718HL [LQFP64]              | (866)  |
| Philips | PCD80721HL [LQFP80]              | (865)  |
| Philips | PCD80725HL [LQFP100]             | (753)  |
| Philips | PCD80727HL [LQFP100]             | (753)  |
| Philips | PCD80728HL [LQFP80]              | (865)  |
| Philips | PCD8582C/D/E                     |        |
| Philips | PCD8582C/D/E (ISP)               | (138)  |
| Philips | PCD8582C/D/E [S08]               | (950)  |
| Philips | PCF85102                         |        |
| Philips | PCF85102 [SOIC8]                 | (950)  |
| Philips | PCF85102C-2                      |        |
| Philips | PCF85102C-2 [SOIC8]              | (950)  |
| Philips | PCF85103                         |        |
| Philips | PCF85103 [SOIC8]                 | (950)  |
| Philips | PCF85103C-2                      |        |
| Philips | PCF85103C-2 [SOIC8]              | (950)  |
| Philips | PCF85116                         |        |
| Philips | PCF85116 [SOIC8]                 | (950)  |
| Philips | PCF85116-3                       |        |
| Philips | PCF85116-3 [SOIC8]               | (950)  |
| Philips | PCF8522E                         |        |
| Philips | PCF8582A/B/C/D/E                 |        |
| Philips | PCF8582A/B/C/D/E [SOIC8]         | (950)  |
| Philips | PCF8582C-2                       |        |
| Philips | PCF8582C-2 [SOIC8]               | (950)  |
| Philips | PCF8594A                         |        |
| Philips | PCF8594A [SOIC8]                 | (950)  |
| Philips | PCF8594C-2                       |        |
| Philips | PCF8594C-2 [SOIC8]               | (950)  |
| Philips | PCF8598A                         |        |
| Philips | PCF8598C-2                       |        |
| Philips | PCF8598C-2 [SOIC8]               | (950)  |
| Philips | PL22V10                          |        |
| Philips | PL22V10 [PLCC28]                 | (48)   |
| Philips | PLS100                           | (682)  |
| Philips | PLS100 [PLCC28]                  | (684)  |
| Philips | PLS101                           | (682)  |
| Philips | PLS101 [PLCC28]                  | (684)  |
| Philips | PXAC37KBA [PLCC44]               | (67)   |
| Philips | PXAC37KBBD [LQFP44]              | (94)   |
| Philips | PXAC37KFA [PLCC44]               | (67)   |
| Philips | PXAC37KFBD [LQFP44]              | (94)   |
| Philips | PXAG37KBA [PLCC44]               | (67)   |
| Philips | PXAG37KBBD [LQFP44]              | (94)   |
| Philips | PXAG37KFA [PLCC44]               | (67)   |
| Philips | PXAG37KFBD [LQFP44]              | (94)   |
| Philips | PXAG39 [LQFP44]                  | (94)   |
| Philips | PXAG39 [PLCC44]                  | (67)   |
| Philips | PXAG49 (ISP)                     | (138)  |
| Philips | PXAG49 [LQFP44]                  | (94)   |
| Philips | PXAG49 [PLCC44]                  | (67)   |
| Philips | PXAS37KBA [PLCC68]               | (96)   |
| Philips | PXAS37KBBD [QFP80]               | (97)   |
| Philips | PZ3032 [PLCC44]                  | (67)   |
| Philips | PZ3032 [TQFP44]                  | (94)   |
| Philips | PZ3064 [PLCC44]                  | (67)   |
| Philips | PZ3064 [PLCC68]                  | (77)   |
| Philips | PZ3064 [PLCC84]                  | (88)   |
| Philips | PZ3064 [TQFP44]                  | (94)   |
| Philips | PZ3128 [PLCC84]                  | (88)   |
| Philips | PZ3128 [TQFP100]                 | (162)  |
| Philips | PZ5032 [PLCC44]                  | (67)   |
| Philips | PZ5032 [TQFP44]                  | (94)   |
| Philips | PZ5064 [PLCC44]                  | (67)   |
| Philips | PZ5064 [PLCC68]                  | (77)   |
| Philips | PZ5064 [PLCC84]                  | (88)   |
| Philips | PZ5064 [TQFP44]                  | (94)   |
| Philips | PZ5064C [PLCC44]                 | (67)   |
| Philips | PZ5064C [TQFP44]                 | (94)   |
| Philips | PZ5064N [PLCC44]                 | (67)   |
| Philips | PZ5128 [PLCC84]                  | (88)   |
| Philips | PZ5128 [TQFP100]                 | (162)  |
| Philips | S87C51FA                         |        |
| Philips | S87C51FA [PLCC44]                | (67)   |
| Philips | S87C51FA [PQFP44]                | (592)  |
| Philips | S87C51FB                         |        |
| Philips | S87C51FB [PLCC44]                | (67)   |
| Philips | S87C51FB [PQFP44]                | (592)  |
| Philips | S87C51FC                         |        |
| Philips | S87C51FC [PLCC44]                | (67)   |
| Philips | S87C51FC [PQFP44]                | (592)  |
| Philips | S87C552 [PLCC68]                 | (83)   |
| Philips | S87C554 [PLCC68]                 | (83)   |
| Philips | S87C652                          |        |
| Philips | S87C652 [PLCC44]                 | (67)   |
| Philips | S87C652 [PQFP44]                 | (592)  |
| Philips | S87C654                          |        |
| Philips | S87C654 [PLCC44]                 | (67)   |
| Philips | S87C654 [PQFP44]                 | (592)  |
| Philips | S87C751                          |        |
| Philips | S87C751 [PLCC28]                 | (48)   |
| Philips | S87C751 [SSOP24]                 | (1103) |
| Philips | S87C752                          |        |
| Philips | S87C752 [PLCC28]                 | (48)   |
| Philips | S87C752 [SSOP28]                 | (1103) |
| Philips | SAF7780HL/10010 [LQFP176]        | (974)  |
| Philips | SAF7780HL/10011 (0611) [LQFP176] | (974)  |
| Philips | SAF7780HL/10011 [LQFP176]        | (974)  |
| Philips | SAF7780HL/107C [LQFP176]         | (974)  |
| Philips | SC87C451 [PLCC68]                | (83)   |
| Philips | SC87C51                          |        |
| Philips | SC87C51 [PLCC44]                 | (67)   |
| Philips | SC87C51 [PQFP44]                 | (592)  |
| Philips | SCN8048                          |        |
| Philips | SCN8049                          |        |
| Philips | TDA11000-128kB [QIP90]           | (795)  |
| Philips | TDA11000H/N1-128kB [QFP128]      | (797)  |
| Philips | TDA11000H1-128kB [QFP128]        | (798)  |
| Philips | TDA11000H-128kB [QFP128]         | (797)  |
| Philips | TDA11001-128kB [QIP90]           | (795)  |
| Philips | TDA11001H/N1-128kB [QFP128]      | (797)  |
| Philips | TDA11001H/N1E00-128kB [QFP128]   | (797)  |
| Philips | TDA11001H1-128kB [QFP128]        | (798)  |
| Philips | TDA11001H-128kB [QFP128]         | (797)  |
| Philips | TDA11004PQ-128kB [QIP90]         | (796)  |
| Philips | TDA11005PQ-128kB [QIP90]         | (796)  |
| Philips | TDA11010-128kB [QIP90]           | (795)  |
| Philips | TDA11010H/N1-128kB [QFP128]      | (797)  |
| Philips | TDA11010H/N1D00-128kB [QFP128]   | (797)  |
| Philips | TDA11010H/N1E00-128kB [QFP128]   | (797)  |
| Philips | TDA11010H/N1F00-128kB [QFP128]   | (797)  |
| Philips | TDA11010H1/N1-128kB [QFP128]     | (798)  |

|         |                                 |        |
|---------|---------------------------------|--------|
| Philips | TDA11010H1/N1E00-128kB [QFP128] | (798)  |
| Philips | TDA11010H1/N1F00-128kB [QFP128] | (798)  |
| Philips | TDA11010H1-128kB [QFP128]       | (798)  |
| Philips | TDA11010H-128kB [QFP128]        | (797)  |
| Philips | TDA11010PQ/N1-128kB [QIP90]     | (796)  |
| Philips | TDA11010PQ/N1F00-128kB [QIP90]  | (796)  |
| Philips | TDA11010PQ-128kB [QIP90]        | (796)  |
| Philips | TDA11011-128kB [QIP90]          | (795)  |
| Philips | TDA11011H1-128kB [QFP128]       | (798)  |
| Philips | TDA11011H-128kB [QFP128]        | (797)  |
| Philips | TDA11014PQ-128kB [QIP90]        | (796)  |
| Philips | TDA11015PQ-128kB [QIP90]        | (796)  |
| Philips | TDA11020-128kB [QIP90]          | (795)  |
| Philips | TDA11020H/N1-128kB [QFP128]     | (797)  |
| Philips | TDA11020H/N1E00-128kB [QFP128]  | (797)  |
| Philips | TDA11020H/N1F00-128kB [QFP128]  | (797)  |
| Philips | TDA11020H1/N1-128kB [QFP128]    | (798)  |
| Philips | TDA11020H1/N1F00-128kB [QFP128] | (798)  |
| Philips | TDA11020H1-128kB [QFP128]       | (798)  |
| Philips | TDA11020H-128kB [QFP128]        | (797)  |
| Philips | TDA11020PQ/N1-128kB [QIP90]     | (796)  |
| Philips | TDA11020PQ/N1F00-128kB [QIP90]  | (796)  |
| Philips | TDA11020PQ-128kB [QIP90]        | (796)  |
| Philips | TDA11021-128kB [QIP90]          | (795)  |
| Philips | TDA11021H1-128kB [QFP128]       | (798)  |
| Philips | TDA11021H-128kB [QFP128]        | (797)  |
| Philips | TDA11024PQ-128kB [QIP90]        | (796)  |
| Philips | TDA11025PQ-128kB [QIP90]        | (796)  |
| Philips | TDA11105H/N1 [QFP80]            | (1037) |
| Philips | TDA11105H/N2 [QFP80]            | (1037) |
| Philips | TDA11105H/N2/3/AC8 [QFP80]      | (1037) |
| Philips | TDA11105H/N3 [QFP80]            | (1037) |
| Philips | TDA11105H1/N1 [QFP80]           | (1038) |
| Philips | TDA11105H1/N2 [QFP80]           | (1038) |
| Philips | TDA11105H1/N2/3/AA1 [QFP80]     | (1038) |
| Philips | TDA11105H1/N3 [QFP80]           | (1038) |
| Philips | TDA11105PS/N1/3 [SDIP64]        | (916)  |
| Philips | TDA11105PS/N2/3 [SDIP64]        | (916)  |
| Philips | TDA11105PS/N2/3/AA4 [SDIP64]    | (916)  |
| Philips | TDA11105PS/N2/3/AA6 [SDIP64]    | (916)  |
| Philips | TDA11105PS/N2/3/AB4 [SDIP64]    | (916)  |
| Philips | TDA11105PS/N2/3/AB6 [SDIP64]    | (916)  |
| Philips | TDA11105PS/N2/3/AC7 [SDIP64]    | (916)  |
| Philips | TDA11105PS/N2/3/AC9 [SDIP64]    | (916)  |
| Philips | TDA11105PS/N2/3/AE7 [SDIP64]    | (916)  |
| Philips | TDA11105PS/N2/3/AG2 [SDIP64]    | (916)  |
| Philips | TDA11105PS/N2/3S [SDIP64]       | (916)  |
| Philips | TDA11105PS/N3/3 [SDIP64]        | (916)  |
| Philips | TDA11105PS/V3/3 [SDIP64]        | (916)  |
| Philips | TDA11106H/N1 [QFP80]            | (1037) |
| Philips | TDA11106H/N2 [QFP80]            | (1037) |
| Philips | TDA11106H/N3 [QFP80]            | (1037) |
| Philips | TDA11106H1/N1 [QFP80]           | (1038) |
| Philips | TDA11106H1/N2 [QFP80]           | (1038) |
| Philips | TDA11106H1/N2/3/AA7 [QFP80]     | (1038) |
| Philips | TDA11106H1/N2/3/AA8 [QFP80]     | (1038) |
| Philips | TDA11106H1/N2/3/AG4 [QFP80]     | (1038) |
| Philips | TDA11106H1/N3 [QFP80]           | (1038) |
| Philips | TDA11106PS/N1/3 [SDIP64]        | (916)  |
| Philips | TDA11106PS/N2/3 [SDIP64]        | (916)  |
| Philips | TDA11106PS/N2/3/AB5 [SDIP64]    | (916)  |
| Philips | TDA11106PS/N3/3 [SDIP64]        | (916)  |
| Philips | TDA11106PS/V3/3 [SDIP64]        | (916)  |
| Philips | TDA11112H/N1 [QFP80]            | (1037) |
| Philips | TDA11112H/N2 [QFP80]            | (1037) |
| Philips | TDA11112H/N3 [QFP80]            | (1037) |
| Philips | TDA11112H1/N1 [QFP80]           | (1038) |
| Philips | TDA11112H1/N2 [QFP80]           | (1038) |
| Philips | TDA11112H1/N3 [QFP80]           | (1038) |
| Philips | TDA11112PS/N1/3 [SDIP64]        | (916)  |
| Philips | TDA11112PS/N2/3 [SDIP64]        | (916)  |
| Philips | TDA11112PS/N3/3 [SDIP64]        | (916)  |
| Philips | TDA11112PS/V3/3 [SDIP64]        | (916)  |
| Philips | TDA11115H/N1 [QFP80]            | (1037) |
| Philips | TDA11115H/N2 [QFP80]            | (1037) |
| Philips | TDA11115H/N3 [QFP80]            | (1037) |
| Philips | TDA11115H1/N1 [QFP80]           | (1038) |
| Philips | TDA11115H1/N1/3/AB2 [QFP80]     | (1038) |
| Philips | TDA11115H1/N2 [QFP80]           | (1038) |
| Philips | TDA11115H1/N2/3/AD2 [QFP80]     | (1038) |
| Philips | TDA11115H1/N3 [QFP80]           | (1038) |
| Philips | TDA11115PS/N1/3 [SDIP64]        | (916)  |
| Philips | TDA11115PS/N2/3 [SDIP64]        | (916)  |
| Philips | TDA11115PS/N3/3 [SDIP64]        | (916)  |
| Philips | TDA11115PS/V3/3 [SDIP64]        | (916)  |
| Philips | TDA11116H/N1 [QFP80]            | (1037) |
| Philips | TDA11116H/N2 [QFP80]            | (1037) |
| Philips | TDA11116H/N3 [QFP80]            | (1037) |
| Philips | TDA11116H1/N1 [QFP80]           | (1038) |
| Philips | TDA11116H1/N1/3/AB1 [QFP80]     | (1038) |
| Philips | TDA11116H1/N2 [QFP80]           | (1038) |
| Philips | TDA11116H1/N2/3/AD7 [QFP80]     | (1038) |
| Philips | TDA11116H1/N3 [QFP80]           | (1038) |
| Philips | TDA11116PS/N1/3 [SDIP64]        | (916)  |
| Philips | TDA11116PS/N2/3 [SDIP64]        | (916)  |
| Philips | TDA11116PS/N3/3 [SDIP64]        | (916)  |
| Philips | TDA11116PS/V3/3 [SDIP64]        | (916)  |
| Philips | TDA11125H/N1 [QFP80]            | (1037) |
| Philips | TDA11125H/N2 [QFP80]            | (1037) |
| Philips | TDA11125H/N3 [QFP80]            | (1037) |
| Philips | TDA11125H1/N1 [QFP80]           | (1038) |
| Philips | TDA11125H1/N2 [QFP80]           | (1038) |
| Philips | TDA11125H1/N3 [QFP80]           | (1038) |
| Philips | TDA11125PS/N1/3 [SDIP64]        | (916)  |
| Philips | TDA11125PS/N2/3 [SDIP64]        | (916)  |
| Philips | TDA11125PS/N3/3 [SDIP64]        | (916)  |
| Philips | TDA11125PS/V3/3 [SDIP64]        | (916)  |
| Philips | TDA11126H/N1 [QFP80]            | (1037) |
| Philips | TDA11126H/N2 [QFP80]            | (1037) |
| Philips | TDA11126H/N3 [QFP80]            | (1037) |
| Philips | TDA11126H1/N1 [QFP80]           | (1038) |
| Philips | TDA11126H1/N2 [QFP80]           | (1038) |
| Philips | TDA11126H1/N3 [QFP80]           | (1038) |
| Philips | TDA11126PS/N1/3 [SDIP64]        | (916)  |
| Philips | TDA11126PS/N2/3 [SDIP64]        | (916)  |
| Philips | TDA11126PS/N2/3/AA3 [SDIP64]    | (916)  |
| Philips | TDA11126PS/N3/3 [SDIP64]        | (916)  |
| Philips | TDA11126PS/V3/3 [SDIP64]        | (916)  |
| Philips | TDA11135H/N1 [QFP80]            | (1037) |
| Philips | TDA11135H/N2 [QFP80]            | (1037) |
| Philips | TDA11135H/N3 [QFP80]            | (1037) |
| Philips | TDA11135H1/N1 [QFP80]           | (1038) |
| Philips | TDA11135H1/N2 [QFP80]           | (1038) |
| Philips | TDA11135H1/N3 [QFP80]           | (1038) |
| Philips | TDA11135PS/N1/3 [SDIP64]        | (916)  |
| Philips | TDA11135PS/N2/3 [SDIP64]        | (916)  |
| Philips | TDA11135PS/N2/3/AA9 [SDIP64]    | (916)  |
| Philips | TDA11135PS/N2/3/AC4 [SDIP64]    | (916)  |

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| Philips | TDA11135PS/N2/3S [SDIP64]          | (916)  |
| Philips | TDA11135PS/N3/3 [SDIP64]           | (916)  |
| Philips | TDA11135PS/V3/3 [SDIP64]           | (916)  |
| Philips | TDA11136H/N1 [QFP80]               | (1037) |
| Philips | TDA11136H/N2 [QFP80]               | (1037) |
| Philips | TDA11136H/N3 [QFP80]               | (1037) |
| Philips | TDA11136H1/N1 [QFP80]              | (1038) |
| Philips | TDA11136H1/N2 [QFP80]              | (1038) |
| Philips | TDA11136H1/N3 [QFP80]              | (1038) |
| Philips | TDA11136PS/N1/3 [SDIP64]           | (916)  |
| Philips | TDA11136PS/N2/3 [SDIP64]           | (916)  |
| Philips | TDA11136PS/N3/3 [SDIP64]           | (916)  |
| Philips | TDA11136PS/V3/3 [SDIP64]           | (916)  |
| Philips | TDA11142H/N1 [QFP80]               | (1037) |
| Philips | TDA11142H/N2 [QFP80]               | (1037) |
| Philips | TDA11142H/N3 [QFP80]               | (1037) |
| Philips | TDA11142H1/N1 [QFP80]              | (1038) |
| Philips | TDA11142H1/N2 [QFP80]              | (1038) |
| Philips | TDA11142H1/N3 [QFP80]              | (1038) |
| Philips | TDA11142PS/N1/3 [SDIP64]           | (916)  |
| Philips | TDA11142PS/N2/3 [SDIP64]           | (916)  |
| Philips | TDA11142PS/N3/3 [SDIP64]           | (916)  |
| Philips | TDA11142PS/V3/3 [SDIP64]           | (916)  |
| Philips | TDA11145H/N1 [QFP80]               | (1037) |
| Philips | TDA11145H/N2 [QFP80]               | (1037) |
| Philips | TDA11145H/N3 [QFP80]               | (1037) |
| Philips | TDA11145H1/N1 [QFP80]              | (1038) |
| Philips | TDA11145H1/N2 [QFP80]              | (1038) |
| Philips | TDA11145H1/N3 [QFP80]              | (1038) |
| Philips | TDA11145PS/N1/3 [SDIP64]           | (916)  |
| Philips | TDA11145PS/N2/3 [SDIP64]           | (916)  |
| Philips | TDA11145PS/N3/3 [SDIP64]           | (916)  |
| Philips | TDA11145PS/V3/3 [SDIP64]           | (916)  |
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| Philips | TDA11146H/N2 [QFP80]               | (1037) |
| Philips | TDA11146H/N3 [QFP80]               | (1037) |
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| Philips | TDA11146H1/N2 [QFP80]              | (1038) |
| Philips | TDA11146H1/N3 [QFP80]              | (1038) |
| Philips | TDA11146PS/N1/3 [SDIP64]           | (916)  |
| Philips | TDA11146PS/N2/3 [SDIP64]           | (916)  |
| Philips | TDA11146PS/N3/3 [SDIP64]           | (916)  |
| Philips | TDA11146PS/V3/3 [SDIP64]           | (916)  |
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| Philips | TDA11155H/N2 [QFP80]               | (1037) |
| Philips | TDA11155H/N3 [QFP80]               | (1037) |
| Philips | TDA11155H1/N1 [QFP80]              | (1038) |
| Philips | TDA11155H1/N2 [QFP80]              | (1038) |
| Philips | TDA11155H1/N3 [QFP80]              | (1038) |
| Philips | TDA11155PS/N1/3 [SDIP64]           | (916)  |
| Philips | TDA11155PS/N2/3 [SDIP64]           | (916)  |
| Philips | TDA11155PS/N3/3 [SDIP64]           | (916)  |
| Philips | TDA11155PS/V3/3 [SDIP64]           | (916)  |
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| Philips | TDA11156H/N2 [QFP80]               | (1037) |
| Philips | TDA11156H/N3 [QFP80]               | (1037) |
| Philips | TDA11156H1/N1 [QFP80]              | (1038) |
| Philips | TDA11156H1/N2 [QFP80]              | (1038) |
| Philips | TDA11156H1/N3 [QFP80]              | (1038) |
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| Philips | TDA11156PS/N3/3 [SDIP64]           | (916)  |
| Philips | TDA11156PS/V3/3 [SDIP64]           | (916)  |
| Philips | TDA12000-128kB [QIP90]             | (795)  |
| Philips | TDA12000-256kB [QIP90]             | (795)  |
| Philips | TDA12000H/N1-128kB [QFP128]        | (797)  |
| Philips | TDA12000H/N1-256kB [QFP128]        | (797)  |
| Philips | TDA12000H/N1F00-128kB [QFP128]     | (797)  |
| Philips | TDA12000H/N1F00-256kB [QFP128]     | (797)  |
| Philips | TDA12000H1/N1-128kB [QFP128]       | (798)  |
| Philips | TDA12000H1/N1-256kB [QFP128]       | (798)  |
| Philips | TDA12000H1/N1B50-128kB [QFP128]    | (798)  |
| Philips | TDA12000H1/N1B501AB-128kB [QFP128] | (798)  |
| Philips | TDA12000H1/N1B501AB-256kB [QFP128] | (798)  |
| Philips | TDA12000H1/N1B501AQ-128kB [QFP128] | (798)  |
| Philips | TDA12000H1/N1B501AQ-256kB [QFP128] | (798)  |
| Philips | TDA12000H1/N1B50-256kB [QFP128]    | (798)  |
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| Philips | TDA12000H1/N1F80-128kB [QFP128]    | (798)  |
| Philips | TDA12000H1/N1F80-256kB [QFP128]    | (798)  |
| Philips | TDA12000H1/N1FD0-128kB [QFP128]    | (798)  |
| Philips | TDA12000H1/N1FD0-256kB [QFP128]    | (798)  |
| Philips | TDA12000H1-128kB [QFP128]          | (798)  |
| Philips | TDA12000H1-256kB [QFP128]          | (798)  |
| Philips | TDA12000H-128kB [QFP128]           | (797)  |
| Philips | TDA12000H-256kB [QFP128]           | (797)  |
| Philips | TDA12000PQ/N1-128kB [QIP90]        | (796)  |
| Philips | TDA12000PQ/N1-256kB [QIP90]        | (796)  |
| Philips | TDA12000PQ/N1D40-128kB [QIP90]     | (796)  |
| Philips | TDA12000PQ/N1D40-256kB [QIP90]     | (796)  |
| Philips | TDA12000PQ/N1F00-128kB [QIP90]     | (796)  |
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| Philips | TDA12000PQ/N1F40-256kB [QIP90]     | (796)  |
| Philips | TDA12000PQ-128kB [QIP90]           | (796)  |
| Philips | TDA12000PQ-256kB [QIP90]           | (796)  |
| Philips | TDA12001-128kB [QIP90]             | (795)  |
| Philips | TDA12001-256kB [QIP90]             | (795)  |
| Philips | TDA12001H/N1-128kB [QFP128]        | (797)  |
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| Philips | TDA12001H/N1F00-128kB [QFP128]     | (797)  |
| Philips | TDA12001H/N1F00-256kB [QFP128]     | (797)  |
| Philips | TDA12001H/N1F48-128kB [QFP128]     | (797)  |
| Philips | TDA12001H/N1F48-256kB [QFP128]     | (797)  |
| Philips | TDA12001H/N1F485AC-128kB [QFP128]  | (797)  |
| Philips | TDA12001H/N1F485AC-256kB [QFP128]  | (797)  |
| Philips | TDA12001H/N1F7F-128kB [QFP128]     | (797)  |
| Philips | TDA12001H/N1F7F-256kB [QFP128]     | (797)  |
| Philips | TDA12001H/N1FC0-128kB [QFP128]     | (797)  |
| Philips | TDA12001H/N1FC0-256kB [QFP128]     | (797)  |
| Philips | TDA12001H1/N1-128kB [QFP128]       | (798)  |
| Philips | TDA12001H1/N1-256kB [QFP128]       | (798)  |
| Philips | TDA12001H1/N1B501AS-128kB [QFP128] | (798)  |
| Philips | TDA12001H1/N1B501AS-256kB [QFP128] | (798)  |
| Philips | TDA12001H1/N1B501BB-128kB [QFP128] | (798)  |
| Philips | TDA12001H1/N1B501BB-256kB [QFP128] | (798)  |
| Philips | TDA12001H1/N1F00-128kB [QFP128]    | (798)  |
| Philips | TDA12001H1/N1F00-256kB [QFP128]    | (798)  |
| Philips | TDA12001H1/N1F01-128kB [QFP128]    | (798)  |
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| Philips | TDA12001H1/N1F40-128kB [QFP128]    | (798)  |
| Philips | TDA12001H1/N1F40-256kB [QFP128]    | (798)  |
| Philips | TDA12001H1/N1F80-128kB [QFP128]    | (798)  |
| Philips | TDA12001H1/N1F80-256kB [QFP128]    | (798)  |
| Philips | TDA12001H1/N1F81-128kB [QFP128]    | (798)  |
| Philips | TDA12001H1/N1F81-256kB [QFP128]    | (798)  |
| Philips | TDA12001H1/N1F82-128kB [QFP128]    | (798)  |



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| Philips | TDA12001H1/N1F82-256kB   | [QFP128] | (798) |
| Philips | TDA12001H1/N1FD0-128kB   | [QFP128] | (798) |
| Philips | TDA12001H1/N1FD0-256kB   | [QFP128] | (798) |
| Philips | TDA12001H1/N1FD1-128kB   | [QFP128] | (798) |
| Philips | TDA12001H1/N1FD1-256kB   | [QFP128] | (798) |
| Philips | TDA12001H1-128kB         | [QFP128] | (798) |
| Philips | TDA12001H1-256kB         | [QFP128] | (798) |
| Philips | TDA12001H-128kB          | [QFP128] | (797) |
| Philips | TDA12001H-256kB          | [QFP128] | (797) |
| Philips | TDA12001PQ/N1-128kB      | [QIP90]  | (796) |
| Philips | TDA12001PQ/N1-256kB      | [QIP90]  | (796) |
| Philips | TDA12001PQ/N1D00-128kB   | [QIP90]  | (796) |
| Philips | TDA12001PQ/N1D00-256kB   | [QIP90]  | (796) |
| Philips | TDA12001PQ/N1D40-128kB   | [QIP90]  | (796) |
| Philips | TDA12001PQ/N1D40-256kB   | [QIP90]  | (796) |
| Philips | TDA12001PQ/N1F00-128kB   | [QIP90]  | (796) |
| Philips | TDA12001PQ/N1F00-256kB   | [QIP90]  | (796) |
| Philips | TDA12001PQ/N1F40-128kB   | [QIP90]  | (796) |
| Philips | TDA12001PQ/N1F40-256kB   | [QIP90]  | (796) |
| Philips | TDA12001PQ-128kB         | [QIP90]  | (796) |
| Philips | TDA12001PQ-256kB         | [QIP90]  | (796) |
| Philips | TDA12004PQ/N1-128kB      | [QIP90]  | (796) |
| Philips | TDA12004PQ/N1-256kB      | [QIP90]  | (796) |
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| Philips | TDA12004PQ/N1FFF-256kB   | [QIP90]  | (796) |
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| Philips | TDA12005PQ/N1-128kB      | [QIP90]  | (796) |
| Philips | TDA12005PQ/N1-256kB      | [QIP90]  | (796) |
| Philips | TDA12005PQ/N1FC0-128kB   | [QIP90]  | (796) |
| Philips | TDA12005PQ/N1FC0-256kB   | [QIP90]  | (796) |
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| Philips | TDA12006-128kB           | [QIP90]  | (795) |
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| Philips | TDA12006H-128kB          | [QFP128] | (797) |
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| Philips | TDA12007-128kB           | [QIP90]  | (795) |
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| Philips | TDA12007H-128kB          | [QFP128] | (797) |
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| Philips | TDA12008-128kB           | [QIP90]  | (795) |
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| Philips | TDA12009-128kB           | [QIP90]  | (795) |
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| Philips | TDA12009H/N1-128kB       | [QFP128] | (797) |
| Philips | TDA12009H/N1-256kB       | [QFP128] | (797) |
| Philips | TDA12009H/N1B7F0QC-128kB | [QFP128] | (797) |
| Philips | TDA12009H/N1B7F0QC-256kB | [QFP128] | (797) |
| Philips | TDA12009H/N1E3F-128kB    | [QFP128] | (797) |
| Philips | TDA12009H/N1E3F-256kB    | [QFP128] | (797) |
| Philips | TDA12009H/N1E7F-128kB    | [QFP128] | (797) |
| Philips | TDA12009H/N1E7F-256kB    | [QFP128] | (797) |
| Philips | TDA12009H1/N1-128kB      | [QFP128] | (798) |
| Philips | TDA12009H1/N1-256kB      | [QFP128] | (798) |
| Philips | TDA12009H1-128kB         | [QFP128] | (798) |
| Philips | TDA12009H1-256kB         | [QFP128] | (798) |
| Philips | TDA12009H-128kB          | [QFP128] | (797) |
| Philips | TDA12009H-256kB          | [QFP128] | (797) |
| Philips | TDA12010-128kB           | [QIP90]  | (795) |
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| Philips | TDA12010H/N1-128kB       | [QFP128] | (797) |
| Philips | TDA12010H/N1-256kB       | [QFP128] | (797) |
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| Philips | TDA12010H/N1D00-256kB    | [QFP128] | (797) |
| Philips | TDA12010H/N1F00-128kB    | [QFP128] | (797) |
| Philips | TDA12010H/N1F00-256kB    | [QFP128] | (797) |
| Philips | TDA12010H/N1F0B-128kB    | [QFP128] | (797) |
| Philips | TDA12010H/N1F0B-256kB    | [QFP128] | (797) |
| Philips | TDA12010H/N1F4B-128kB    | [QFP128] | (797) |
| Philips | TDA12010H/N1F4B-256kB    | [QFP128] | (797) |
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| Philips | TDA12010H1/N1-256kB      | [QFP128] | (798) |
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| Philips | TDA12010H1/N1B51-256kB   | [QFP128] | (798) |
| Philips | TDA12010H1/N1F00-128kB   | [QFP128] | (798) |
| Philips | TDA12010H1/N1F00-256kB   | [QFP128] | (798) |
| Philips | TDA12010H1/N1FD1-128kB   | [QFP128] | (798) |
| Philips | TDA12010H1/N1FD1-256kB   | [QFP128] | (798) |
| Philips | TDA12010H1-128kB         | [QFP128] | (798) |
| Philips | TDA12010H1-256kB         | [QFP128] | (798) |
| Philips | TDA12010H-128kB          | [QFP128] | (797) |
| Philips | TDA12010H-256kB          | [QFP128] | (797) |
| Philips | TDA12010PQ/N1-128kB      | [QIP90]  | (796) |
| Philips | TDA12010PQ/N1-256kB      | [QIP90]  | (796) |
| Philips | TDA12010PQ/N1F00-128kB   | [QIP90]  | (796) |
| Philips | TDA12010PQ/N1F00-256kB   | [QIP90]  | (796) |
| Philips | TDA12010PQ-128kB         | [QIP90]  | (796) |
| Philips | TDA12010PQ-256kB         | [QIP90]  | (796) |
| Philips | TDA12011-128kB           | [QIP90]  | (795) |
| Philips | TDA12011-256kB           | [QIP90]  | (795) |
| Philips | TDA12011H/N1-128kB       | [QFP128] | (797) |
| Philips | TDA12011H/N1-256kB       | [QFP128] | (797) |
| Philips | TDA12011H/N1D00-128kB    | [QFP128] | (797) |
| Philips | TDA12011H/N1D00-256kB    | [QFP128] | (797) |
| Philips | TDA12011H/N1F00-128kB    | [QFP128] | (797) |
| Philips | TDA12011H/N1F00-256kB    | [QFP128] | (797) |
| Philips | TDA12011H/N1F01-128kB    | [QFP128] | (797) |
| Philips | TDA12011H/N1F01-256kB    | [QFP128] | (797) |
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| Phil1tps | TDA15062H/N1C00-256kB  | [QFP128]      | (797) |
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| Phil1tps | TDA15062H1/N1-256kB    | [QFP128]      | (798) |
| Phil1tps | TDA15062H1/N1C00-128kB | [QFP128]      | (798) |
| Phil1tps | TDA15062H1/N1C00-256kB | [QFP128]      | (798) |
| Phil1tps | TDA15062H1/N1C81-128kB | [QFP128]      | (798) |
| Phil1tps | TDA15062H1/N1C81-256kB | [QFP128]      | (798) |
| Phil1tps | TDA15062H1-128kB       | [QFP128]      | (798) |
| Phil1tps | TDA15062H1-256kB       | [QFP128]      | (798) |
| Phil1tps | TDA15062H-128kB        | [QFP128]      | (797) |
| Phil1tps | TDA15062H-256kB        | [QFP128]      | (797) |
| Phil1tps | TDA15063-128kB         | [QIP90]       | (795) |
| Phil1tps | TDA15063-256kB         | [QIP90]       | (795) |
| Phil1tps | TDA15063H/N1-128kB     | [QFP128]      | (797) |
| Phil1tps | TDA15063H/N1-256kB     | [QFP128]      | (797) |
| Phil1tps | TDA15063H/N1A00-128kB  | [QFP128]      | (797) |
| Phil1tps | TDA15063H/N1A00-256kB  | [QFP128]      | (797) |
| Phil1tps | TDA15063H/N1B00-128kB  | [QFP128]      | (797) |
| Phil1tps | TDA15063H/N1B00-256kB  | [QFP128]      | (797) |
| Phil1tps | TDA15063H/N1B06-128kB  | [QFP128]      | (797) |
| Phil1tps | TDA15063H/N1B06-256kB  | [QFP128]      | (797) |
| Phil1tps | TDA15063H/N1C00-128kB  | [QFP128]      | (797) |
| Phil1tps | TDA15063H/N1C00-256kB  | [QFP128]      | (797) |
| Phil1tps | TDA15063H/N1C02-128kB  | [QFP128]      | (797) |
| Phil1tps | TDA15063H/N1C02-256kB  | [QFP128]      | (797) |
| Phil1tps | TDA15063H/N1C06-128kB  | [QFP128]      | (797) |
| Phil1tps | TDA15063H/N1C06-256kB  | [QFP128]      | (797) |
| Phil1tps | TDA15063H1/N1-128kB    | [QFP128]      | (798) |
| Phil1tps | TDA15063H1/N1-256kB    | [QFP128]      | (798) |
| Phil1tps | TDA15063H1/N1B00-128kB | [QFP128]      | (798) |
| Phil1tps | TDA15063H1/N1B00-256kB | [QFP128]      | (798) |
| Phil1tps | TDA15063H1/N1C00-128kB | [QFP128]      | (798) |
| Phil1tps | TDA15063H1/N1C00-256kB | [QFP128]      | (798) |
| Phil1tps | TDA15063H1/N1C80-128kB | [QFP128]      | (798) |
| Phil1tps | TDA15063H1/N1C80-256kB | [QFP128]      | (798) |
| Phil1tps | TDA15063H1/N1C81-128kB | [QFP128]      | (798) |
| Phil1tps | TDA15063H1/N1C81-256kB | [QFP128]      | (798) |
| Phil1tps | TDA15063H1-128kB       | [QFP128]      | (798) |
| Phil1tps | TDA15063H1-256kB       | [QFP128]      | (798) |
| Phil1tps | TDA15063H-128kB        | [QFP128]      | (797) |
| Phil1tps | TDA15063H-256kB        | [QFP128]      | (797) |
| Phil1tps | TDA15064PQ/N1-128kB    | [QIP90]       | (796) |
| Phil1tps | TDA15064PQ/N1-256kB    | [QIP90]       | (796) |
| Phil1tps | TDA15064PQ-128kB       | [QIP90]       | (796) |
| Phil1tps | TDA15064PQ-256kB       | [QIP90]       | (796) |
| Phil1tps | TDA15065PQ/N1-128kB    | [QIP90]       | (796) |
| Phil1tps | TDA15065PQ/N1-256kB    | [QIP90]       | (796) |
| Phil1tps | TDA15065PQ-128kB       | [QIP90]       | (796) |
| Phil1tps | TDA15065PQ-256kB       | [QIP90]       | (796) |
| Phil1tps | TDA15070-128kB         | [QIP90]       | (795) |
| Phil1tps | TDA15070H/N1-128kB     | [QFP128]      | (797) |
| Phil1tps | TDA15070H/N1C00-128kB  | [QFP128]      | (797) |
| Phil1tps | TDA15070H1/N1-128kB    | [QFP128]      | (798) |
| Phil1tps | TDA15070H1-128kB       | [QFP128]      | (798) |
| Phil1tps | TDA15070H-128kB        | [QFP128]      | (797) |
| Phil1tps | TDA15072-128kB         | [QIP90]       | (795) |
| Phil1tps | TDA15072-256kB         | [QIP90]       | (795) |
| Phil1tps | TDA15072H/N1-128kB     | [QFP128]      | (797) |
| Phil1tps | TDA15072H/N1-256kB     | [QFP128]      | (797) |
| Phil1tps | TDA15072H/N1C00-128kB  | [QFP128]      | (797) |
| Phil1tps | TDA15072H/N1C00-256kB  | [QFP128]      | (797) |
| Phil1tps | TDA15072H1/N1-128kB    | [QFP128]      | (798) |
| Phil1tps | TDA15072H1/N1-256kB    | [QFP128]      | (798) |
| Phil1tps | TDA15072H1-128kB       | [QFP128]      | (798) |
| Phil1tps | TDA15072H1-256kB       | [QFP128]      | (798) |
| Phil1tps | TDA15072H-128kB        | [QFP128]      | (797) |
| Phil1tps | TDA15072H-256kB        | [QFP128]      | (797) |
| Phil1tps | TDA15073-128kB         | [QIP90]       | (795) |
| Phil1tps | TDA15073-256kB         | [QIP90]       | (795) |
| Phil1tps | TDA15073H/N1-128kB     | [QFP128]      | (797) |
| Phil1tps | TDA15073H/N1-256kB     | [QFP128]      | (797) |
| Phil1tps | TDA15073H/N1C00-128kB  | [QFP128]      | (797) |
| Phil1tps | TDA15073H/N1C00-256kB  | [QFP128]      | (797) |
| Phil1tps | TDA15073H1/N1-128kB    | [QFP128]      | (798) |
| Phil1tps | TDA15073H1/N1-256kB    | [QFP128]      | (798) |
| Phil1tps | TDA15073H1/N1C00-128kB | [QFP128]      | (798) |
| Phil1tps | TDA15073H1/N1C00-256kB | [QFP128]      | (798) |
| Phil1tps | TDA15073H1/N1C80-128kB | [QFP128]      | (798) |
| Phil1tps | TDA15073H1/N1C80-256kB | [QFP128]      | (798) |
| Phil1tps | TDA15073H1/N1C81-128kB | [QFP128]      | (798) |
| Phil1tps | TDA15073H1/N1C81-256kB | [QFP128]      | (798) |
| Phil1tps | TDA15073H1-128kB       | [QFP128]      | (798) |
| Phil1tps | TDA15073H1-256kB       | [QFP128]      | (798) |
| Phil1tps | TDA15073H-128kB        | [QFP128]      | (797) |
| Phil1tps | TDA15073H-256kB        | [QFP128]      | (797) |
| Phil1tps | TDA15074PQ/N1-128kB    | [QIP90]       | (796) |
| Phil1tps | TDA15074PQ/N1-256kB    | [QIP90]       | (796) |
| Phil1tps | TDA15074PQ-128kB       | [QIP90]       | (796) |
| Phil1tps | TDA15074PQ-256kB       | [QIP90]       | (796) |
| Phil1tps | TDA15075PQ/N1-128kB    | [QIP90]       | (796) |
| Phil1tps | TDA15075PQ/N1-256kB    | [QIP90]       | (796) |
| Phil1tps | TDA15075PQ-128kB       | [QIP90]       | (796) |
| Phil1tps | TDA15075PQ-256kB       | [QIP90]       | (796) |
| Phil1tps | UOCIIIN1A-128kB        | [QFP128]      | (797) |
| Phil1tps | UOCIIIN1A-128kB        | [QFP128] (FD) | (798) |
| Phil1tps | UOCIIIN1A-128kB        | [QIP90]       | (795) |
| Phil1tps | UOCIIIN1A-128kB        | [QIP90] (FD)  | (796) |
| Phil1tps | UOCIIIN1A-256kB        | [QFP128]      | (797) |
| Phil1tps | UOCIIIN1A-256kB        | [QFP128] (FD) | (798) |
| Phil1tps | UOCIIIN1A-256kB        | [QIP90]       | (795) |
| Phil1tps | UOCIIIN1A-256kB        | [QIP90] (FD)  | (796) |
| Phil1tps | UOCIIIN1B-128kB        | [QFP128]      | (797) |
| Phil1tps | UOCIIIN1B-128kB        | [QFP128] (FD) | (798) |
| Phil1tps | UOCIIIN1B-128kB        | [QIP90]       | (795) |
| Phil1tps | UOCIIIN1B-128kB        | [QIP90] (FD)  | (796) |
| Phil1tps | UOCIIIN1B-256kB        | [QFP128]      | (797) |
| Phil1tps | UOCIIIN1B-256kB        | [QFP128] (FD) | (798) |
| Phil1tps | UOCIIIN1B-256kB        | [QIP90]       | (795) |
| Phil1tps | UOCIIIN1B-256kB        | [QIP90] (FD)  | (796) |
| Phil1tps | UOCIIIN1D-128kB        | [QFP128]      | (797) |
| Phil1tps | UOCIIIN1D-128kB        | [QFP128] (FD) | (798) |
| Phil1tps | UOCIIIN1D-128kB        | [QIP90]       | (795) |
| Phil1tps | UOCIIIN1D-128kB        | [QIP90] (FD)  | (796) |
| Phil1tps | UOCIIIN1D-256kB        | [QFP128]      | (797) |
| Phil1tps | UOCIIIN1D-256kB        | [QFP128] (FD) | (798) |
| Phil1tps | UOCIIIN1D-256kB        | [QIP90]       | (795) |
| Phil1tps | UOCIIIN1D-256kB        | [QIP90] (FD)  | (796) |
| Phil1tps | UOCIIIN1E-128kB        | [QFP128]      | (797) |

|            |                 |               |             |
|------------|-----------------|---------------|-------------|
| Philips    | UOCIIIN1E-128kB | [QFP128] (FD) | (798)       |
| Philips    | UOCIIIN1E-128kB | [QIP90]       | (795)       |
| Philips    | UOCIIIN1E-128kB | [QIP90] (FD)  | (796)       |
| Philips    | UOCIIIN1E-256kB | [QFP128]      | (797)       |
| Philips    | UOCIIIN1E-256kB | [QFP128] (FD) | (798)       |
| Philips    | UOCIIIN1E-256kB | [QIP90]       | (795)       |
| Philips    | UOCIIIN1E-256kB | [QIP90] (FD)  | (796)       |
| Philips    | UOCIIIN1F-128kB | [QFP128]      | (797)       |
| Philips    | UOCIIIN1F-128kB | [QFP128] (FD) | (798)       |
| Philips    | UOCIIIN1F-128kB | [QIP90]       | (795)       |
| Philips    | UOCIIIN1F-128kB | [QIP90] (FD)  | (796)       |
| Philips    | UOCIIIN1F-256kB | [QFP128]      | (797)       |
| Philips    | UOCIIIN1F-256kB | [QFP128] (FD) | (798)       |
| Philips    | UOCIIIN1F-256kB | [QIP90]       | (795)       |
| Philips    | UOCIIIN1F-256kB | [QIP90] (FD)  | (796)       |
| Phison     | PSM4A11-2G      | [FBGA153]     | (2578) (*1) |
| Phison     | PSM4A11-4G      | [FBGA169]     | (2392) (*1) |
| Pioneer    | PDG011          |               |             |
| Pioneer    | PDH001          |               |             |
| Pioneer    | PDH004          |               |             |
| Pioneer    | PDH011          |               |             |
| Pioneer    | PH-2100R        |               |             |
| PMC        | Pm25LV010       |               |             |
| PMC        | Pm25LV010       | (ISP)         | (138)       |
| PMC        | Pm25LV010       | [SOIC8]       | (3095) (*1) |
| PMC        | Pm25LV010       | [WSON8]       | (3097) (*1) |
| PMC        | Pm25LV010A      | (ISP)         | (138)       |
| PMC        | Pm25LV010A      | [SOIC8]       | (3095) (*1) |
| PMC        | Pm25LV010A      | [WSON8]       | (3097) (*1) |
| PMC        | Pm25LV020       | (ISP)         | (138)       |
| PMC        | Pm25LV020       | [SOIC8]       | (3095) (*1) |
| PMC        | Pm25LV020       | [WSON8]       | (3097) (*1) |
| PMC        | Pm25LV040       | (ISP)         | (138)       |
| PMC        | Pm25LV040       | [SOIC8]       | (3095) (*1) |
| PMC        | Pm25LV040       | [SOIC8-200]   | (3088) (*1) |
| PMC        | Pm25LV040       | [WSON8]       | (3097) (*1) |
| PMC        | Pm25LV512       |               |             |
| PMC        | Pm25LV512       | (ISP)         | (138)       |
| PMC        | Pm25LV512       | [SOIC8]       | (3095) (*1) |
| PMC        | Pm25LV512       | [WSON8]       | (3097) (*1) |
| PMC        | Pm25LV512A      | (ISP)         | (138)       |
| PMC        | Pm25LV512A      | [SOIC8]       | (3095) (*1) |
| PMC        | Pm25LV512A      | [WSON8]       | (3097) (*1) |
| PMC        | PM28LV64        |               |             |
| PMC        | PM28LV64        | [PLCC32]      | (59)        |
| PMC        | PM28LV64        | [SOIC28]      | (51)        |
| PMC        | PM28LV64        | [TSOP28]      | (54)        |
| PMC        | Pm29F002B       |               |             |
| PMC        | Pm29F002B       | [PLCC32]      | (1399)      |
| PMC        | Pm29F002T       |               |             |
| PMC        | Pm29F002T       | [PLCC32]      | (1399)      |
| PMC        | Pm29F004B       |               |             |
| PMC        | Pm29F004B       | [PLCC32]      | (1384)      |
| PMC        | Pm29F004B       | [TSOP32]      | (1381)      |
| PMC        | Pm29F004T       |               |             |
| PMC        | Pm29F004T       | [PLCC32]      | (1384)      |
| PMC        | Pm29F004T       | [TSOP32]      | (1381)      |
| PMC        | Pm29LV104RB     | [PLCC32]      | (1384)      |
| PMC        | Pm29LV104RB     | [TSOP32]      | (1381)      |
| PMC        | Pm29LV104RT     | [PLCC32]      | (1384)      |
| PMC        | Pm29LV104RT     | [TSOP32]      | (1381)      |
| PMC        | Pm37LV512       |               |             |
| PMC        | Pm37LV512       | [PLCC32]      | (1399)      |
| PMC        | Pm37LV512       | [TSOP32]      | (56)        |
| PMC        | Pm39F010        |               |             |
| PMC        | Pm39F010        | [PLCC32]      | (1399)      |
| PMC        | Pm39F020        |               |             |
| PMC        | Pm39F020        | [PLCC32]      | (1399)      |
| PMC        | Pm39F040        |               |             |
| PMC        | Pm39F040        | [PLCC32]      | (1384)      |
| PMC        | Pm39LV010       | [PLCC32]      | (1399)      |
| PMC        | Pm39LV010       | [TSOP32]      | (1412)      |
| PMC        | Pm39LV010R      | [PLCC32]      | (1399)      |
| PMC        | Pm39LV010R      | [TSOP32]      | (1412)      |
| PMC        | Pm39LV020       | [PLCC32]      | (1399)      |
| PMC        | Pm39LV020       | [TSOP32]      | (1412)      |
| PMC        | Pm39LV040       | [PLCC32]      | (1384)      |
| PMC        | Pm39LV040       | [TSOP32]      | (1377)      |
| PMC        | Pm39LV512       | [PLCC32]      | (1399)      |
| PMC        | Pm39LV512       | [TSOP32]      | (1412)      |
| PMC        | Pm39LV512R      | [PLCC32]      | (1399)      |
| PMC        | Pm39LV512R      | [TSOP32]      | (1412)      |
| PMC        | Pm49FL002T      | [PLCC32]      | (1399)      |
| PMC        | Pm49FL002T      | [TSOP32]      | (56)        |
| PMC        | Pm49FL004T      | [PLCC32]      | (1384)      |
| PMC        | Pm49FL004T      | [TSOP32]      | (1376)      |
| PMC        | Pm49FL008T      | [PLCC32]      | (1384)      |
| PMC        | Pm49FL008T      | [TSOP32]      | (1376)      |
| PMC        | Pm49LP002T      | [PLCC32]      | (1399)      |
| Portek     | PTK24A02T       |               |             |
| Portek     | PTK24A02T       | (ISP)         | (138)       |
| Portek     | PTK24A02T       | [SOIC8]       | (950)       |
| Portek     | PTK24A08T       |               |             |
| Portek     | PTK24A08T       | (ISP)         | (138)       |
| Portek     | PTK24A08T       | [SOIC8]       | (950)       |
| Portek     | PTK24A16T       |               |             |
| Portek     | PTK24A16T       | (ISP)         | (138)       |
| Portek     | PTK24A16T       | [SOIC8]       | (950)       |
| Portek     | PTK24A32T       |               |             |
| Portek     | PTK24A32T       | (ISP)         | (138)       |
| Portek     | PTK24A32T       | [SOIC8]       | (950)       |
| Portek     | PTK24A64T       |               |             |
| Portek     | PTK24A64T       | (ISP)         | (138)       |
| Portek     | PTK24A64T       | [SOIC8]       | (950)       |
| Portek     | PTK93LC46       | (x16)         |             |
| Portek     | PTK93LC46       | (x16) (ISP)   | (138)       |
| Portek     | PTK93LC46       | (x16) [SOP8]  | (950)       |
| Portek     | PTK93LC46       | (x8)          |             |
| Portek     | PTK93LC46       | (x8) (ISP)    | (138)       |
| Portek     | PTK93LC46       | (x8) [SOP8]   | (950)       |
| Portek     | PTK93LC56       | (x16)         |             |
| Portek     | PTK93LC56       | (x16) (ISP)   | (138)       |
| Portek     | PTK93LC56       | (x16) [SOP8]  | (950)       |
| Portek     | PTK93LC56       | (x8)          |             |
| Portek     | PTK93LC56       | (x8) (ISP)    | (138)       |
| Portek     | PTK93LC56       | (x8) [SOP8]   | (950)       |
| Portek     | PTK93LC66       | (x16)         |             |
| Portek     | PTK93LC66       | (x16) (ISP)   | (138)       |
| Portek     | PTK93LC66       | (x16) [SOP8]  | (950)       |
| Portek     | PTK93LC66       | (x8)          |             |
| Portek     | PTK93LC66       | (x8) (ISP)    | (138)       |
| Portek     | PTK93LC66       | (x8) [SOP8]   | (950)       |
| PowerFlash | ALU4GA30GT      | [TSOP48]      | (1266) (*1) |
| PowerFlash | ASU1GA30HT      | [TSOP48]      | (1266) (*1) |
| PowerFlash | ASU1GA40HT      | [TSOP48]      | (1266) (*1) |
| PowerFlash | ASU2GA30GT      | [TSOP48]      | (1266) (*1) |
| PowerFlash | FSU2GA30GT      | [TSOP48]      | (1266) (*1) |
| PowerFlash | FSU4GA30GT      | [TSOP48]      | (1266) (*1) |

|           |             |               |        |
|-----------|-------------|---------------|--------|
| Primarion | PX3141DDQ   | [QFN48]       | (2970) |
| Primarion | PX3143DDQ   | [QFN48]       | (2970) |
| Primarion | PX3143GDM   | [QFN40]       | (2989) |
| Primarion | PX3143HDM   | [QFN40]       | (2989) |
| Primarion | PX3244DDQ   | [QFN48]       | (2970) |
| Primarion | PX3244GDM   | [QFN40]       | (2989) |
| Primarion | PX3244HDM   | [QFN40]       | (2989) |
| Primarion | PX3743DDQ   | [QFN48]       | (2970) |
| Primarion | PX3744DDQ   | [QFN48]       | (2970) |
| Primarion | PX3744GDN   | [QFN48]       | (2971) |
| Primarion | PX3744HDN   | [QFN48]       | (2971) |
| Primarion | PX3746DDQ   | [QFN48]       | (2970) |
| Primarion | PX3746GDN   | [QFN48]       | (2971) |
| Primarion | PX3746HDN   | [QFN48]       | (2971) |
| Primarion | PX3847BDQ   | [QFN48]       | (2417) |
| Primarion | PX3847CDQ   | [QFN48]       | (2417) |
| Primarion | PX3847DDQ   | [QFN48]       | (2970) |
| Primarion | PX3875FDQG  | [QFN48]       | (2417) |
| Primarion | PX3877FDQG  | [QFN48]       | (2417) |
| Primarion | PX3895CDQG  | [QFN48]       | (2417) |
| Primarion | PX3895DDQG  | [QFN48]       | (2417) |
| Primarion | PX3895EDQG  | [QFN48]       | (2417) |
| Primarion | PX3897CDQG  | [QFN48]       | (2417) |
| Primarion | PX3897DDQG  | [QFN48]       | (2417) |
| Primarion | PX3897EDQG  | [QFN48]       | (2417) |
| Primarion | PX8141DDQ   | [QFN48]       | (2970) |
| Primarion | PX8141HDM   | [QFN40]       | (2989) |
| Primarion | PX8143DDQ   | [QFN48]       | (2970) |
| Primarion | PX8143GDM   | [QFN40]       | (2989) |
| Primarion | PX8143HDM   | [QFN40]       | (2989) |
| Primarion | PX8143JDM   | [QFN40]       | (2989) |
| Primarion | PX8240GDN   | [QFN48]       | (2971) |
| Primarion | PX8240HDN   | [QFN48]       | (2971) |
| Primarion | PX8244DDQ   | [QFN48]       | (2970) |
| Primarion | PX8244GDM   | [QFN40]       | (2989) |
| Primarion | PX8244HDM   | [QFN40]       | (2989) |
| Primarion | PX8743DDQ   | [QFN48]       | (2970) |
| Primarion | PX8744DDQ   | [QFN48]       | (2970) |
| Primarion | PX8744GDN   | [QFN48]       | (2971) |
| Primarion | PX8744HDN   | [QFN48]       | (2971) |
| Primarion | PX8746DDQ   | [QFN48]       | (2970) |
| Primarion | PX8746GDN   | [QFN48]       | (2971) |
| Primarion | PX8746HDN   | [QFN48]       | (2971) |
| Primarion | PX8746JDN   | [QFN48]       | (2971) |
| Primarion | PX8847BDQ   | [QFN48]       | (2417) |
| Primarion | PX8847CDQ   | [QFN48]       | (2417) |
| Primarion | PX8847DDQ   | [QFN48]       | (2970) |
| Primarion | PX8847HDN   | [QFN48]       | (2971) |
| Primarion | PX8860ADQG  | [QFN48]       | (2133) |
| Primarion | PX8860BDQG  | [QFN48]       | (2133) |
| Primarion | PX8860CDQG  | [QFN48]       | (2133) |
| Primarion | PX8860DDQG  | [QFN48]       | (2417) |
| Primarion | PX8897CDQG  | [QFN48]       | (2417) |
| Primarion | PX8897DDQG  | [QFN48]       | (2417) |
| Primarion | PX8897EDQG  | [QFN48]       | (2417) |
| Primarion | PXC1331Bxx  | [QFN48]       | (4017) |
| Primarion | PXC1331Cxx  | [QFN48]       | (4017) |
| Primarion | PXC1410Bxx  | [QFN40]       | (3663) |
| Primarion | PXC1410Cxx  | [QFN40]       | (3663) |
| Primarion | PXE0110Axx  | [QFN48]       | (2971) |
| Primarion | PXE0610Axx  | [QFN48]       | (2971) |
| Primarion | PXE1110Bxx  | [QFN40]       | (3663) |
| Primarion | PXE1110Cxx  | [QFN40]       | (3663) |
| Primarion | PXE1410Bxx  | [QFN40]       | (3663) |
| Primarion | PXE1410Cxx  | [QFN40]       | (3663) |
| Primarion | PXE1610Bxx  | [QFN48]       | (4017) |
| Primarion | PXE1610Cxx  | [QFN48]       | (4017) |
| Primarion | PXM0310Axx  | [QFN48]       | (2971) |
| Primarion | PXM1310Bxx  | [QFN40]       | (3663) |
| Primarion | PXM1310Cxx  | [QFN40]       | (3663) |
| Primarion | PXM1330Bxx  | [QFN48]       | (4017) |
| Primarion | PXM1330Cxx  | [QFN48]       | (4017) |
| Princeton | PT28C010    |               |        |
| Princeton | PT28C010    | [PLCC32]      | (59)   |
| Princeton | PT28C020    |               |        |
| Princeton | PT28C020    | [PLCC32]      | (59)   |
| Princeton | PT28C040    |               |        |
| Princeton | PT28C040    | [PLCC32]      | (59)   |
| Princeton | PT29C010    |               |        |
| Princeton | PT29C010    | [PLCC32]      | (59)   |
| Princeton | PT29C020    |               |        |
| Princeton | PT29C020    | [PLCC32]      | (59)   |
| Princeton | PT29C040    |               |        |
| Princeton | PT29C040    | [PLCC32]      | (59)   |
| Princeton | PT29L800U   | [PSOP44]      | (1356) |
| Princeton | PT29L800U   | [TSOP48]      | (1346) |
| Princeton | PT89316     |               |        |
| Princeton | PT89316     | [PLCC44]      | (67)   |
| Princeton | PT89316     | [QFP44]       | (108)  |
| Princeton | PT89316     | [TQFP44]      | (94)   |
| Princeton | PT8932      |               |        |
| Princeton | PT8932      | [PLCC44]      | (67)   |
| Princeton | PT8932      | [QFP44]       | (108)  |
| Princeton | PT8932      | [TQFP44]      | (94)   |
| Princeton | PT8934      |               |        |
| Princeton | PT8934      | [PLCC44]      | (67)   |
| Princeton | PT8934      | [QFP44]       | (108)  |
| Princeton | PT8934      | [TQFP44]      | (94)   |
| Princeton | PT8936      |               |        |
| Princeton | PT8936      | [PLCC44]      | (67)   |
| Princeton | PT8936      | [QFP44]       | (108)  |
| Princeton | PT8936      | [TQFP44]      | (94)   |
| Princeton | PT8938      |               |        |
| Princeton | PT8938      | [PLCC44]      | (67)   |
| Princeton | PT8938      | [QFP44]       | (108)  |
| Princeton | PT8938      | [TQFP44]      | (94)   |
| Princeton | PT8956      |               |        |
| Princeton | PT8956      | [PLCC44]      | (67)   |
| Princeton | PT8956      | [QFP44]       | (108)  |
| Princeton | PT8956      | [TQFP44]      | (94)   |
| PSS       | PS16128Ex3x | [SOIC8-200]   | (46)   |
| PSS       | PS16128Jx3x | [SOIC8-150]   | (950)  |
| PSS       | PS16128Nx3x |               |        |
| PSS       | PS16128xx3x | (ISP)         | (138)  |
| PSS       | PS16256Ex3x | [SOIC8-200]   | (46)   |
| PSS       | PS16256Nx3x |               |        |
| PSS       | PS16256Tx3x | [TSSOP14]     | (1087) |
| PSS       | PS16256xx3x | (ISP)         | (138)  |
| PSS       | PS24C256    |               |        |
| PSS       | PS24C256    | (ISP)         | (138)  |
| PSS       | PS24C256    | [SOIC8]       | (950)  |
| PSS       | PS29FS001   |               |        |
| PSS       | PS29FS001   | [PLCC32]      | (1399) |
| PSS       | PS29FS001   | [TSOP32 8x14] | (1412) |
| PSS       | PS29FS001   | [TSOP32 8x20] | (1414) |
| PSS       | PS29LP001   |               |        |
| PSS       | PS29LP001   | [PLCC32]      | (1399) |
| PSS       | PS29LP001   | [TSOP32 8x14] | (1412) |

|                    |                                   |             |
|--------------------|-----------------------------------|-------------|
| PSS                | PS29LP001 [TSOP32 8x20]           | (1414)      |
| Puya Semiconductor | P24C02A                           | (138)       |
| Puya Semiconductor | P24C02A (ISP)                     | (950)       |
| Puya Semiconductor | P24C02A [SOP8]                    | (523)       |
| Puya Semiconductor | P24C02A [SOT23-5]                 | (523)       |
| Puya Semiconductor | P24C02A [TSOT23-5]                | (121)       |
| Puya Semiconductor | P24C02A [TSSOP8]                  | (4538)      |
| Puya Semiconductor | P24C02A [UDFN8-2x3]               | (138)       |
| Puya Semiconductor | P24C02C                           | (950)       |
| Puya Semiconductor | P24C02C (ISP)                     | (523)       |
| Puya Semiconductor | P24C02C [SOP8]                    | (523)       |
| Puya Semiconductor | P24C02C [SOT23-5]                 | (523)       |
| Puya Semiconductor | P24C02C [TSOT23-5]                | (121)       |
| Puya Semiconductor | P24C02C [TSSOP8]                  | (4538)      |
| Puya Semiconductor | P24C02C [UDFN8-2x3]               | (138)       |
| Puya Semiconductor | P24C04C                           | (950)       |
| Puya Semiconductor | P24C04C (ISP)                     | (523)       |
| Puya Semiconductor | P24C04C [SOP8]                    | (523)       |
| Puya Semiconductor | P24C04C [SOT23-5]                 | (523)       |
| Puya Semiconductor | P24C04C [TSOT23-5]                | (121)       |
| Puya Semiconductor | P24C04C [TSSOP8]                  | (4538)      |
| Puya Semiconductor | P24C04C [UDFN8-2x3]               | (138)       |
| Puya Semiconductor | P24C08C                           | (950)       |
| Puya Semiconductor | P24C08C (ISP)                     | (523)       |
| Puya Semiconductor | P24C08C [SOP8]                    | (523)       |
| Puya Semiconductor | P24C08C [SOT23-5]                 | (523)       |
| Puya Semiconductor | P24C08C [TSOT23-5]                | (121)       |
| Puya Semiconductor | P24C08C [TSSOP8]                  | (4538)      |
| Puya Semiconductor | P24C08C [UDFN8-2x3]               | (138)       |
| Puya Semiconductor | P24C128                           | (950)       |
| Puya Semiconductor | P24C128 (ISP)                     | (523)       |
| Puya Semiconductor | P24C128 [DFN8-2x3]                | (523)       |
| Puya Semiconductor | P24C128 [SOP8]                    | (121)       |
| Puya Semiconductor | P24C128 [SOT23-5]                 | (4538)      |
| Puya Semiconductor | P24C128 [TSOT23-5]                | (138)       |
| Puya Semiconductor | P24C128 [TSSOP8]                  | (950)       |
| Puya Semiconductor | P24C128 [UDFN8-2x3]               | (523)       |
| Puya Semiconductor | P24C128D                          | (523)       |
| Puya Semiconductor | P24C128D (ISP)                    | (121)       |
| Puya Semiconductor | P24C128D [SOP8]                   | (4538)      |
| Puya Semiconductor | P24C128D [SOT23-5]                | (138)       |
| Puya Semiconductor | P24C128D [TSOT23-5]               | (950)       |
| Puya Semiconductor | P24C128D [TSSOP8]                 | (523)       |
| Puya Semiconductor | P24C128D [UDFN8-2x3]              | (523)       |
| Puya Semiconductor | P24C16C                           | (121)       |
| Puya Semiconductor | P24C16C (ISP)                     | (4538)      |
| Puya Semiconductor | P24C16C [SOP8]                    | (138)       |
| Puya Semiconductor | P24C16C [SOT23-5]                 | (950)       |
| Puya Semiconductor | P24C16C [TSOT23-5]                | (523)       |
| Puya Semiconductor | P24C16C [TSSOP8]                  | (523)       |
| Puya Semiconductor | P24C16C [UDFN8-2x3]               | (121)       |
| Puya Semiconductor | P24C256                           | (4538)      |
| Puya Semiconductor | P24C256 (ISP)                     | (138)       |
| Puya Semiconductor | P24C256 [DFN8-2x3]                | (950)       |
| Puya Semiconductor | P24C256 [SOP8]                    | (523)       |
| Puya Semiconductor | P24C256 [TSSOP8]                  | (523)       |
| Puya Semiconductor | P24C256 [UDFN8-2x3]               | (121)       |
| Puya Semiconductor | P24C256B                          | (4538)      |
| Puya Semiconductor | P24C256B (ISP)                    | (138)       |
| Puya Semiconductor | P24C256B [SOP8]                   | (950)       |
| Puya Semiconductor | P24C256B [SOT23-5]                | (523)       |
| Puya Semiconductor | P24C256B [TSSOP8]                 | (121)       |
| Puya Semiconductor | P24C256B [UDFN8-2x3]              | (4538)      |
| Puya Semiconductor | P24C32C                           | (138)       |
| Puya Semiconductor | P24C32C (ISP)                     | (950)       |
| Puya Semiconductor | P24C32C [SOP8]                    | (523)       |
| Puya Semiconductor | P24C32C [SOT23-5]                 | (523)       |
| Puya Semiconductor | P24C32C [TSSOP8]                  | (121)       |
| Puya Semiconductor | P24C32C [UDFN8-2x3]               | (4538)      |
| Puya Semiconductor | P24C512                           | (138)       |
| Puya Semiconductor | P24C512 (ISP)                     | (950)       |
| Puya Semiconductor | P24C512 [DFN8-2x3]                | (523)       |
| Puya Semiconductor | P24C512 [SOP8]                    | (121)       |
| Puya Semiconductor | P24C512 [TSSOP8]                  | (4538)      |
| Puya Semiconductor | P24C512 [UDFN8-2x3]               | (138)       |
| Puya Semiconductor | P24C512B                          | (950)       |
| Puya Semiconductor | P24C512B (ISP)                    | (523)       |
| Puya Semiconductor | P24C512B [SOP8]                   | (121)       |
| Puya Semiconductor | P24C512B [TSSOP8]                 | (4538)      |
| Puya Semiconductor | P24C512B [UDFN8-2x3]              | (138)       |
| Puya Semiconductor | P24C64C                           | (950)       |
| Puya Semiconductor | P24C64C (ISP)                     | (523)       |
| Puya Semiconductor | P24C64C [SOP8]                    | (523)       |
| Puya Semiconductor | P24C64C [SOT23-5]                 | (121)       |
| Puya Semiconductor | P24C64C [TSSOP8]                  | (4538)      |
| Puya Semiconductor | P24C64C [UDFN8-2x3]               | (138)       |
| Puya Semiconductor | P24CM01B                          | (950)       |
| Puya Semiconductor | P24CM01B (ISP)                    | (121)       |
| Puya Semiconductor | P24CM01B [SOP8]                   | (3094) (*1) |
| Puya Semiconductor | P24CM01B [TSSOP8]                 | (3094) (*1) |
| Puya Semiconductor | P25Q05H [SOP8-150]                | (3087) (*1) |
| Puya Semiconductor | P25Q05H [SOP8-150] (Quad I/O)     | (3087) (*1) |
| Puya Semiconductor | P25Q05H [SOP8-200]                | (3087) (*1) |
| Puya Semiconductor | P25Q05H [SOP8-200] (Quad I/O)     | (4117) (*1) |
| Puya Semiconductor | P25Q05H [WS0N8 6x5]               | (4117) (*1) |
| Puya Semiconductor | P25Q05H [WS0N8 6x5] (Quad I/O)    | (3934) (*1) |
| Puya Semiconductor | P25Q05SHUX [US0N8 2x3]            | (3934) (*1) |
| Puya Semiconductor | P25Q05SHUX [US0N8 2x3] (Quad I/O) | (3094) (*1) |
| Puya Semiconductor | P25Q05SL [SOP8-150]               | (3094) (*1) |
| Puya Semiconductor | P25Q05SL [SOP8-150] (Quad I/O)    | (3087) (*1) |
| Puya Semiconductor | P25Q05SL [SOP8-200]               | (3087) (*1) |
| Puya Semiconductor | P25Q05SL [SOP8-200] (Quad I/O)    | (4117) (*1) |
| Puya Semiconductor | P25Q05SL [WS0N8 6x5]              | (4117) (*1) |
| Puya Semiconductor | P25Q05SL [WS0N8 6x5] (Quad I/O)   | (3934) (*1) |
| Puya Semiconductor | P25Q05SLUX [US0N8 2x3]            | (3934) (*1) |
| Puya Semiconductor | P25Q05SLUX [US0N8 2x3] (Quad I/O) | (3094) (*1) |
| Puya Semiconductor | P25Q10H [SOP8-150]                | (3094) (*1) |
| Puya Semiconductor | P25Q10H [SOP8-150] (Quad I/O)     | (3087) (*1) |
| Puya Semiconductor | P25Q10H [SOP8-200]                | (3087) (*1) |
| Puya Semiconductor | P25Q10H [SOP8-200] (Quad I/O)     | (4117) (*1) |
| Puya Semiconductor | P25Q10H [WS0N8 6x5]               | (4117) (*1) |
| Puya Semiconductor | P25Q10H [WS0N8 6x5] (Quad I/O)    | (3934) (*1) |
| Puya Semiconductor | P25Q10HUX [US0N8 2x3]             | (3934) (*1) |
| Puya Semiconductor | P25Q10HUX [US0N8 2x3] (Quad I/O)  | (3094) (*1) |
| Puya Semiconductor | P25Q10L [SOP8-150]                | (3094) (*1) |
| Puya Semiconductor | P25Q10L [SOP8-150] (Quad I/O)     | (3087) (*1) |
| Puya Semiconductor | P25Q10L [SOP8-200]                | (3087) (*1) |
| Puya Semiconductor | P25Q10L [SOP8-200] (Quad I/O)     | (4117) (*1) |
| Puya Semiconductor | P25Q10L [WS0N8 6x5]               | (4117) (*1) |
| Puya Semiconductor | P25Q10L [WS0N8 6x5] (Quad I/O)    | (3934) (*1) |
| Puya Semiconductor | P25Q10LUX [US0N8 2x3]             | (3934) (*1) |
| Puya Semiconductor | P25Q10LUX [US0N8 2x3] (Quad I/O)  | (3094) (*1) |
| Puya Semiconductor | P25Q16H [SOP8-150]                | (3094) (*1) |
| Puya Semiconductor | P25Q16H [SOP8-150] (Quad I/O)     | (3087) (*1) |
| Puya Semiconductor | P25Q16H [SOP8-200]                | (3087) (*1) |
| Puya Semiconductor | P25Q16H [SOP8-200] (Quad I/O)     | (4117) (*1) |
| Puya Semiconductor | P25Q16H [WS0N8 6x5]               | (4117) (*1) |
| Puya Semiconductor | P25Q16H [WS0N8 6x5] (Quad I/O)    | (4117) (*1) |

|                    |                       |              |
|--------------------|-----------------------|--------------|
| Puya Semiconductor | P25Q20H [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q20H [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q20H [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q20H [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q20H [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q20H [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q20HUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25Q20HUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25Q20L [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q20L [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q20L [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q20L [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q20L [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q20L [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q20LUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25Q20LUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25Q32H [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q32H [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q32H [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q32H [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q32H [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q32H [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q40H [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q40H [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q40H [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q40H [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q40H [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q40H [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q40HUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25Q40HUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25Q40L [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q40L [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q40L [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q40L [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q40L [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q40L [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q40LUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25Q40LUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25Q40U [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q40U [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q40U [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q40U [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q40U [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q40U [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q40UUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25Q40UUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25Q80H [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q80H [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q80H [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q80H [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q80H [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q80H [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q80HUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25Q80HUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25Q80L [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q80L [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25Q80L [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q80L [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25Q80L [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q80L [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25Q80LUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25Q80LUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25R40U [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25R40U [SOP8-150]    | (3094) (*1)  |
| Puya Semiconductor | P25R40U [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25R40U [SOP8-200]    | (3087) (*1)  |
| Puya Semiconductor | P25R40U [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25R40U [WSON8 6x5]   | (4117) (*1)  |
| Puya Semiconductor | P25R40UUX [USON8 2x3] | (3934) (*1)  |
| Puya Semiconductor | P25R40UUX [USON8 2x3] | (3934) (*1)  |
| QIXIN              | LS2051                |              |
| QIXIN              | LS2051 [SOIC20]       | (119)        |
| Qorvo              | GP570NMEG (ISP-SPI)   | (138) (9997) |
| Qorvo              | GP570NMEG [QFN40]     | (4298)       |
| QP Semiconductor   | QP27C128              |              |
| QP Semiconductor   | QP27C128 [LCC32]      | (561)        |
| QP Semiconductor   | QP27C256              |              |
| QP Semiconductor   | QP27C256 [LCC32]      | (561)        |
| QP Semiconductor   | QP27C64               |              |
| QP Semiconductor   | QP27C64 [LCC32]       | (561)        |
| Quick Pulse        | 27010                 |              |
| Quick Pulse        | 27011                 |              |
| Quick Pulse        | 27040                 |              |
| Quick Pulse        | 27128A                |              |
| Quick Pulse        | 27210                 |              |
| Quick Pulse        | 27256                 |              |
| Quick Pulse        | 27512                 |              |
| Quick Pulse        | 2764A                 |              |
| Ramtron            | FM1608                |              |
| Ramtron            | FM1608 [SOP28]        | (51)         |
| Ramtron            | FM1808                |              |
| Ramtron            | FM1808 [SOP28]        | (51)         |
| Ramtron            | FM18L08               |              |
| Ramtron            | FM18L08 [SOP28]       | (51)         |
| Ramtron            | FM18L08 [TSOP32]      | (525)        |
| Ramtron            | FM20L08 [TSOP32]      | (525)        |
| Ramtron            | FM21L16 [TSOP44]      | (149)        |
| Ramtron            | FM21LD16 [FBGA48]     | (1525)       |
| Ramtron            | FM22L16 [TSOP44]      | (149)        |
| Ramtron            | FM22LD16 [FBGA48]     | (1525)       |
| Ramtron            | FM23MLD16 [FBGA48]    | (1525)       |
| Ramtron            | FM24C04               |              |
| Ramtron            | FM24C04 (ISP)         | (138)        |
| Ramtron            | FM24C04 [SOIC8]       | (950)        |
| Ramtron            | FM24C04A              |              |
| Ramtron            | FM24C04A (ISP)        | (138)        |
| Ramtron            | FM24C04A [SOIC8]      | (950)        |
| Ramtron            | FM24C04B (ISP)        | (138)        |
| Ramtron            | FM24C04B [SOIC8]      | (950)        |
| Ramtron            | FM24C04C (ISP)        | (138)        |
| Ramtron            | FM24C04C [SOIC8]      | (950)        |
| Ramtron            | FM24C16               |              |
| Ramtron            | FM24C16 (ISP)         | (138)        |
| Ramtron            | FM24C16 [SOIC8]       | (950)        |
| Ramtron            | FM24C16A (ISP)        | (138)        |
| Ramtron            | FM24C16A [SOIC8]      | (950)        |
| Ramtron            | FM24C16B (ISP)        | (138)        |
| Ramtron            | FM24C16B [SOIC8]      | (950)        |
| Ramtron            | FM24C16C (ISP)        | (138)        |
| Ramtron            | FM24C16C [SOIC8]      | (950)        |
| Ramtron            | FM24C256 (ISP)        | (138)        |
| Ramtron            | FM24C256 [SOIC20]     | (119)        |
| Ramtron            | FM24C256 [SOIC8]      | (46)         |
| Ramtron            | FM24C512 (ISP)        | (138)        |
| Ramtron            | FM24C512 [SOIC8]      | (46)         |
| Ramtron            | FM24C64               |              |
| Ramtron            | FM24C64 (ISP)         | (138)        |
| Ramtron            | FM24C64 [SOIC8]       | (950)        |

|         |                      |        |
|---------|----------------------|--------|
| Ramtron | FM24C64B (ISP)       | (138)  |
| Ramtron | FM24C64B [SOIC8]     | (950)  |
| Ramtron | FM24C64C (ISP)       | (138)  |
| Ramtron | FM24C64C [SOIC8]     | (950)  |
| Ramtron | FM24CL04 (ISP)       | (138)  |
| Ramtron | FM24CL04 [SOIC8]     | (950)  |
| Ramtron | FM24CL04B (ISP)      | (138)  |
| Ramtron | FM24CL04B [SOIC8]    | (950)  |
| Ramtron | FM24CL16 (ISP)       | (138)  |
| Ramtron | FM24CL16 [SOIC8]     | (950)  |
| Ramtron | FM24CL16 [TDFN8]     | (1495) |
| Ramtron | FM24CL16B (ISP)      | (138)  |
| Ramtron | FM24CL16B [SOIC8]    | (950)  |
| Ramtron | FM24CL32 (ISP)       | (138)  |
| Ramtron | FM24CL32 [SOIC8]     | (950)  |
| Ramtron | FM24CL64             |        |
| Ramtron | FM24CL64 (ISP)       | (138)  |
| Ramtron | FM24CL64 [SOIC8]     | (950)  |
| Ramtron | FM24CL64B (ISP)      | (138)  |
| Ramtron | FM24CL64B [SOIC8]    | (950)  |
| Ramtron | FM24CL64B-GA (ISP)   | (138)  |
| Ramtron | FM24CL64B-GA [SOIC8] | (950)  |
| Ramtron | FM24L256 (ISP)       | (138)  |
| Ramtron | FM24L256 [SOIC8]     | (950)  |
| Ramtron | FM24V01 (ISP)        | (138)  |
| Ramtron | FM24V01 [SOIC8]      | (950)  |
| Ramtron | FM24V02 (ISP)        | (138)  |
| Ramtron | FM24V02 [SOIC8]      | (950)  |
| Ramtron | FM24V05 (ISP)        | (138)  |
| Ramtron | FM24V05 [SOIC8]      | (950)  |
| Ramtron | FM24V10 (ISP)        | (138)  |
| Ramtron | FM24V10 [SOIC8]      | (950)  |
| Ramtron | FM24VN01 (ISP)       | (138)  |
| Ramtron | FM24VN01 [SOIC8]     | (950)  |
| Ramtron | FM24VN02 (ISP)       | (138)  |
| Ramtron | FM24VN02 [SOIC8]     | (950)  |
| Ramtron | FM24VN05 (ISP)       | (138)  |
| Ramtron | FM24VN05 [SOIC8]     | (950)  |
| Ramtron | FM24VN10 (ISP)       | (138)  |
| Ramtron | FM24VN10 [SOIC8]     | (950)  |
| Ramtron | FM24W256 (ISP)       | (138)  |
| Ramtron | FM24W256 [SOIC8-150] | (950)  |
| Ramtron | FM24W256 [SOIC8-208] | (46)   |
| Ramtron | FM25040              |        |
| Ramtron | FM25040 (ISP)        | (138)  |
| Ramtron | FM25040 [SOIC8]      | (950)  |
| Ramtron | FM25040A             |        |
| Ramtron | FM25040A (ISP)       | (138)  |
| Ramtron | FM25040A [SOIC8]     | (950)  |
| Ramtron | FM25040A-GA (ISP)    | (138)  |
| Ramtron | FM25040A-GA [SOIC8]  | (950)  |
| Ramtron | FM25040B (ISP)       | (138)  |
| Ramtron | FM25040B [SOIC8]     | (950)  |
| Ramtron | FM25040B-GA (ISP)    | (138)  |
| Ramtron | FM25040B-GA [SOIC8]  | (950)  |
| Ramtron | FM25040C (ISP)       | (138)  |
| Ramtron | FM25040C [SOIC8]     | (950)  |
| Ramtron | FM25160              |        |
| Ramtron | FM25160 (ISP)        | (138)  |
| Ramtron | FM25160 [SOIC8]      | (950)  |
| Ramtron | FM25256              |        |
| Ramtron | FM25256 (ISP)        | (138)  |
| Ramtron | FM25256 [SOIC8]      | (950)  |
| Ramtron | FM25256B (ISP)       | (138)  |
| Ramtron | FM25256B [SOIC8]     | (950)  |
| Ramtron | FM25640              |        |
| Ramtron | FM25640 (ISP)        | (138)  |
| Ramtron | FM25640 [SOIC8]      | (950)  |
| Ramtron | FM25640B (ISP)       | (138)  |
| Ramtron | FM25640B [SOIC8]     | (950)  |
| Ramtron | FM25640B-GA (ISP)    | (138)  |
| Ramtron | FM25640B-GA [SOIC8]  | (950)  |
| Ramtron | FM25640C (ISP)       | (138)  |
| Ramtron | FM25640C [SOIC8]     | (950)  |
| Ramtron | FM25640-GA (ISP)     | (138)  |
| Ramtron | FM25640-GA [SOIC8]   | (950)  |
| Ramtron | FM25C160             |        |
| Ramtron | FM25C160 (ISP)       | (138)  |
| Ramtron | FM25C160 [SOIC8]     | (950)  |
| Ramtron | FM25C160B (ISP)      | (138)  |
| Ramtron | FM25C160B [SOIC8]    | (950)  |
| Ramtron | FM25C160B-GA (ISP)   | (138)  |
| Ramtron | FM25C160B-GA [SOIC8] | (950)  |
| Ramtron | FM25C160C (ISP)      | (138)  |
| Ramtron | FM25C160C [SOIC8]    | (950)  |
| Ramtron | FM25C160-GA (ISP)    | (138)  |
| Ramtron | FM25C160-GA [SOIC8]  | (950)  |
| Ramtron | FM25CL04 (ISP)       | (138)  |
| Ramtron | FM25CL04 [SOIC8]     | (950)  |
| Ramtron | FM25CL64 (ISP)       | (138)  |
| Ramtron | FM25CL64 [SOIC8]     | (950)  |
| Ramtron | FM25CL64B (ISP)      | (138)  |
| Ramtron | FM25CL64B [SOIC8]    | (950)  |
| Ramtron | FM25CL64B-GA (ISP)   | (138)  |
| Ramtron | FM25CL64B-GA [SOIC8] | (950)  |
| Ramtron | FM25CL64-GA (ISP)    | (138)  |
| Ramtron | FM25CL64-GA [SOIC8]  | (950)  |
| Ramtron | FM25E64-1 (ISP)      | (138)  |
| Ramtron | FM25E64-1 [SOIC8]    | (950)  |
| Ramtron | FM25H20 (ISP)        | (138)  |
| Ramtron | FM25H20 [SOIC8]      | (46)   |
| Ramtron | FM25H20 [TDFN8]      | (577)  |
| Ramtron | FM25L04 (ISP)        | (138)  |
| Ramtron | FM25L04 [SOIC8]      | (950)  |
| Ramtron | FM25L04 [TDFN8]      | (1495) |
| Ramtron | FM25L04B (ISP)       | (138)  |
| Ramtron | FM25L04B [SOIC8]     | (950)  |
| Ramtron | FM25L04B-GA (ISP)    | (138)  |
| Ramtron | FM25L04B-GA [SOIC8]  | (950)  |
| Ramtron | FM25L04-GA (ISP)     | (138)  |
| Ramtron | FM25L04-GA [SOIC8]   | (950)  |
| Ramtron | FM25L16 (ISP)        | (138)  |
| Ramtron | FM25L16 [SOIC8]      | (950)  |
| Ramtron | FM25L16 [TDFN8]      | (1495) |
| Ramtron | FM25L16B (ISP)       | (138)  |
| Ramtron | FM25L16B [SOIC8]     | (950)  |
| Ramtron | FM25L256             |        |
| Ramtron | FM25L256 (ISP)       | (138)  |
| Ramtron | FM25L256 [SOIC8]     | (950)  |
| Ramtron | FM25L256B (ISP)      | (138)  |
| Ramtron | FM25L256B [SOIC8]    | (950)  |
| Ramtron | FM25L512 (ISP)       | (138)  |
| Ramtron | FM25L512 [TDFN8]     | (577)  |
| Ramtron | FM25P16 (ISP)        | (138)  |
| Ramtron | FM25P16 [SOIC8]      | (950)  |
| Ramtron | FM25V01 (ISP)        | (138)  |
| Ramtron | FM25V01 [SOIC8]      | (950)  |
| Ramtron | FM25V02 (ISP)        | (138)  |

|         |              |                |        |
|---------|--------------|----------------|--------|
| Ramtron | FM25V02      | [SOIC8]        | (950)  |
| Ramtron | FM25V05      | (ISP)          | (138)  |
| Ramtron | FM25V05      | [SOIC8]        | (950)  |
| Ramtron | FM25V10      | (ISP)          | (138)  |
| Ramtron | FM25V10      | [SOIC8]        | (950)  |
| Ramtron | FM25V20      | (ISP)          | (138)  |
| Ramtron | FM25V20      | [SOIC8]        | (950)  |
| Ramtron | FM25V20      | [TDFN8]        | (577)  |
| Ramtron | FM25VN01     | (ISP)          | (138)  |
| Ramtron | FM25VN01     | [SOIC8]        | (950)  |
| Ramtron | FM25VN02     | (ISP)          | (138)  |
| Ramtron | FM25VN02     | [SOIC8]        | (950)  |
| Ramtron | FM25VN05     | (ISP)          | (138)  |
| Ramtron | FM25VN05     | [SOIC8]        | (950)  |
| Ramtron | FM25VN10     | (ISP)          | (138)  |
| Ramtron | FM25VN10     | [SOIC8]        | (950)  |
| Ramtron | FM25VN20     | (ISP)          | (138)  |
| Ramtron | FM25VN20     | [SOIC8]        | (950)  |
| Ramtron | FM25VN20     | [TDFN8]        | (577)  |
| Ramtron | FM25W256     | (ISP)          | (138)  |
| Ramtron | FM25W256     | [SOIC8]        | (950)  |
| Ramtron | FM28V020     | [SOP28]        | (51)   |
| Ramtron | FM28V020     | [TSOP32]       | (525)  |
| Ramtron | FM28V100     | [TSOP32]       | (525)  |
| Ramtron | FM30C256     | [SOIC20]       | (119)  |
| Ramtron | FM3104       | (ISP)          | (138)  |
| Ramtron | FM3104       | [SOIC14]       | (951)  |
| Ramtron | FM3116       | (ISP)          | (138)  |
| Ramtron | FM3116       | [SOIC14]       | (951)  |
| Ramtron | FM31256      | (ISP)          | (138)  |
| Ramtron | FM31256      | [SOIC14]       | (951)  |
| Ramtron | FM3164       | (ISP)          | (138)  |
| Ramtron | FM3164       | [SOIC14]       | (951)  |
| Ramtron | FM3204       | (ISP)          | (138)  |
| Ramtron | FM3204       | [SOIC14]       | (951)  |
| Ramtron | FM3216       | (ISP)          | (138)  |
| Ramtron | FM3216       | [SOIC14]       | (951)  |
| Ramtron | FM32256      | (ISP)          | (138)  |
| Ramtron | FM32256      | [SOIC14]       | (951)  |
| Ramtron | FM3264       | (ISP)          | (138)  |
| Ramtron | FM3264       | [SOIC14]       | (951)  |
| Ramtron | FM3808       | [TSOP32]       | (525)  |
| Ramtron | VMX51C900    |                |        |
| Ramtron | VMX51C900    | [PLCC44]       | (67)   |
| Ramtron | VMX51C900    | [QFP44]        | (108)  |
| Ramtron | VR551C1000   |                |        |
| Ramtron | VR551C1000   | [PLCC44]       | (67)   |
| Ramtron | VR551C1000   | [QFP44]        | (108)  |
| Ramtron | VR551C1100   |                |        |
| Ramtron | VR551C1100   | [PLCC44]       | (67)   |
| Ramtron | VR551C1100   | [QFP44]        | (108)  |
| Ramtron | VR551C540    |                |        |
| Ramtron | VR551C540    | [PLCC44]       | (67)   |
| Ramtron | VR551C540    | [QFP44]        | (108)  |
| Ramtron | VR551C550    |                |        |
| Ramtron | VR551C550    | [PLCC44]       | (67)   |
| Ramtron | VR551C550    | [QFP44]        | (108)  |
| Ramtron | VR551C560    |                |        |
| Ramtron | VR551C560    | [PLCC44]       | (67)   |
| Ramtron | VR551C560    | [QFP44]        | (108)  |
| Ramtron | VR551C570    |                |        |
| Ramtron | VR551C570    | [PLCC44]       | (67)   |
| Ramtron | VR551C570    | [QFP44]        | (108)  |
| Ramtron | VR551C580    |                |        |
| Ramtron | VR551C580    | [PLCC44]       | (67)   |
| Ramtron | VR551C580    | [QFP44]        | (108)  |
| Ramtron | VR551C700    |                |        |
| Ramtron | VR551C700    | [PLCC44]       | (67)   |
| Ramtron | VR551C700    | [QFP44]        | (108)  |
| Ramtron | VR551C900    |                |        |
| Ramtron | VR551C900    | [PLCC44]       | (67)   |
| Ramtron | VR551C900    | [QFP44]        | (108)  |
| Ramtron | VR551L1000   |                |        |
| Ramtron | VR551L1000   | [PLCC44]       | (67)   |
| Ramtron | VR551L1000   | [QFP44]        | (108)  |
| Ramtron | VR551L540    |                |        |
| Ramtron | VR551L540    | [PLCC44]       | (67)   |
| Ramtron | VR551L540    | [QFP44]        | (108)  |
| Ramtron | VR551L550    |                |        |
| Ramtron | VR551L550    | [PLCC44]       | (67)   |
| Ramtron | VR551L550    | [QFP44]        | (108)  |
| Ramtron | VR551L560    |                |        |
| Ramtron | VR551L560    | [PLCC44]       | (67)   |
| Ramtron | VR551L560    | [QFP44]        | (108)  |
| Ramtron | VR551L570    |                |        |
| Ramtron | VR551L570    | [PLCC44]       | (67)   |
| Ramtron | VR551L570    | [QFP44]        | (108)  |
| Ramtron | VR551L580    |                |        |
| Ramtron | VR551L580    | [PLCC44]       | (67)   |
| Ramtron | VR551L580    | [QFP44]        | (108)  |
| Rato    | RT24A02      |                |        |
| Rato    | RT24A02      | (ISP)          | (138)  |
| Rato    | RT24A02      | [SOP8]         | (950)  |
| Rato    | RT24A02      | [TSSOP8]       | (121)  |
| Rato    | RT93LC46     | (x16)          |        |
| Rato    | RT93LC46     | (x16) (ISP)    | (138)  |
| Rato    | RT93LC46     | (x16) [SOIC8]  | (950)  |
| Rato    | RT93LC46     | (x16) [TSSOP8] | (121)  |
| Rato    | RT93LC46     | (x8)           |        |
| Rato    | RT93LC46     | (x8) (ISP)     | (138)  |
| Rato    | RT93LC46     | (x8) [SOIC8]   | (950)  |
| Rato    | RT93LC46     | (x8) [TSSOP8]  | (121)  |
| Raydium | AU0-G1422.1U | [WQFN32]       | (1294) |
| Raydium | RM24C02      | (ISP)          | (138)  |
| Raydium | RM24C02      | [DFN8]         | (2995) |
| Raydium | RM24C02      | [SOP8]         | (950)  |
| Raydium | RM24C02      | [SOT23-5]      | (523)  |
| Raydium | RM24C02      | [TSSOP8]       | (121)  |
| Raydium | RM24C16      | (ISP)          | (138)  |
| Raydium | RM24C16      | [SOP8]         | (950)  |
| Raydium | RM24C16      | [TSSOP8]       | (121)  |
| Raydium | RM24C32      | (ISP)          | (138)  |
| Raydium | RM24C32      | [DFN8]         | (2995) |
| Raydium | RM24C32      | [SOP8]         | (950)  |
| Raydium | RM24C32      | [TSSOP8]       | (121)  |
| Raydium | RM24C64      | (ISP)          | (138)  |
| Raydium | RM24C64      | [SOP8]         | (950)  |
| Raydium | RM24C64      | [TSSOP8]       | (121)  |
| Raydium | RM5102       | [WQFN32]       | (1294) |
| RCA     | CDP18U42CD   |                |        |
| Reach   | LC24C02      | (ISP)          | (138)  |
| Reach   | LC24C02      | [S08-150]      | (950)  |
| Reach   | LC24C02      | [TSSOP8]       | (121)  |
| Realtek | RTD2120L     | (ISP)          | (138)  |
| Realtek | RTD2120L     | [LQFP48]       | (174)  |
| Realtek | RTD2120L     | [PLCC44]       | (850)  |
| Realtek | RTL8752CRF   | [QFN32]        | (4967) |
| Realtek | RTL8762AG    | [QFN32]        | (4506) |

|         |                              |        |
|---------|------------------------------|--------|
| Realtek | RTL8762AJ [QFN40]            | (5025) |
| Realtek | RTL8762AR [QFN32]            | (4506) |
| Realtek | RTS5450M [QFN46]             | (4917) |
| Renesas | HD4074418H [QFP64]           | (3014) |
| Renesas | HD4074818H [QFP80]           | (708)  |
| Renesas | HD407L4818H [QFP80]          | (708)  |
| Renesas | HD6472355F [QFP128]          | (435)  |
| Renesas | HD6472355TE [TQFP120]        | (436)  |
| Renesas | HD6472357F [QFP128]          | (435)  |
| Renesas | HD6472357TE [TQFP120]        | (436)  |
| Renesas | HD6472655F [QFP128]          | (435)  |
| Renesas | HD6472655TE [TQFP120]        | (436)  |
| Renesas | HD6472655VF [QFP128]         | (435)  |
| Renesas | HD6472655VTE [TQFP120]       | (436)  |
| Renesas | HD6473032F [QFP80]           | (1523) |
| Renesas | HD6473048F [QFP100]          | (415)  |
| Renesas | HD6473048TF [TQFP100]        | (414)  |
| Renesas | HD6473308CP [PLCC84]         | (511)  |
| Renesas | HD6473644H [QFP64]           | (626)  |
| Renesas | HD6473714H [QFP64]           | (427)  |
| Renesas | HD6473714P [SDIP64]          | (428)  |
| Renesas | HD64738024HV [QFP80]         | (1295) |
| Renesas | HD64738024W [TQFP80]         | (3404) |
| Renesas | HD6473827H [QFP80]           | (1042) |
| Renesas | HD6473827RD [QFP80]          | (1042) |
| Renesas | HD6473827RH [QFP80]          | (1042) |
| Renesas | HD6473834F [QFP100]          | (433)  |
| Renesas | HD6473834H [QFP100]          | (432)  |
| Renesas | HD6473834X [TQFP100]         | (434)  |
| Renesas | HD6475378F [QFP80]           | (1284) |
| Renesas | HD6475398F [QFP112]          | (510)  |
| Renesas | HD6477042AF [QFP112]         | (1041) |
| Renesas | HD6477042F [QFP112]          | (1041) |
| Renesas | HD64F2110BVFA [QFP100]       | (940)  |
| Renesas | HD64F2110BVTE [TQFP100]      | (940)  |
| Renesas | HD64F2111BVB [QFP144]        | (627)  |
| Renesas | HD64F2111BVC [QFP144]        | (627)  |
| Renesas | HD64F2128FA [QFP64]          | (658)  |
| Renesas | HD64F2128TF [TQFP80]         | (659)  |
| Renesas | HD64F2128VFA [QFP64]         | (658)  |
| Renesas | HD64F2128VTF [TQFP80]        | (659)  |
| Renesas | HD64F2134AFA [QFP80]         | (989)  |
| Renesas | HD64F2134ATF [TQFP80]        | (2724) |
| Renesas | HD64F2134AVFA [QFP80]        | (989)  |
| Renesas | HD64F2134AVTF [TQFP80]       | (2724) |
| Renesas | HD64F2134FA [QFP80]          | (989)  |
| Renesas | HD64F2134TF [TQFP80]         | (2724) |
| Renesas | HD64F2134VFA [QFP80]         | (989)  |
| Renesas | HD64F2134VTF [TQFP80]        | (2724) |
| Renesas | HD64F2138AFA [QFP80]         | (989)  |
| Renesas | HD64F2138ATF [TQFP80]        | (2724) |
| Renesas | HD64F2138AVFA [QFP80]        | (989)  |
| Renesas | HD64F2138AVTF [TQFP80]       | (2724) |
| Renesas | HD64F2138FA [QFP80]          | (989)  |
| Renesas | HD64F2140BVFA [QFP100]       | (940)  |
| Renesas | HD64F2140BVTE [TQFP100]      | (940)  |
| Renesas | HD64F2141BVFA [QFP100]       | (940)  |
| Renesas | HD64F2141BVTE [TQFP100]      | (940)  |
| Renesas | HD64F2142RFA [QFP100]        | (940)  |
| Renesas | HD64F2142RTE [TQFP100]       | (940)  |
| Renesas | HD64F2142RVFA [QFP100]       | (940)  |
| Renesas | HD64F2142RVTE [TQFP100]      | (940)  |
| Renesas | HD64F2144AFA [QFP100]        | (940)  |
| Renesas | HD64F2144ATE [TQFP100]       | (940)  |
| Renesas | HD64F2144AVFA [QFP100]       | (940)  |
| Renesas | HD64F2144AVTE [TQFP100]      | (940)  |
| Renesas | HD64F2144FA [QFP100]         | (940)  |
| Renesas | HD64F2144TE [TQFP100]        | (940)  |
| Renesas | HD64F2144VFA [QFP100]        | (940)  |
| Renesas | HD64F2144VTE [TQFP100]       | (940)  |
| Renesas | HD64F2145BFA [QFP100]        | (940)  |
| Renesas | HD64F2145BFA [QFP100] Secure | (940)  |
| Renesas | HD64F2145BTE [TQFP100]       | (940)  |
| Renesas | HD64F2145BVFA [QFP100]       | (940)  |
| Renesas | HD64F2145BVTE [TQFP100]      | (940)  |
| Renesas | HD64F2147AFA [QFP100]        | (940)  |
| Renesas | HD64F2147ATE [TQFP100]       | (940)  |
| Renesas | HD64F2147AVFA [QFP100]       | (940)  |
| Renesas | HD64F2147AVTE [TQFP100]      | (940)  |
| Renesas | HD64F2147NFA [QFP100]        | (940)  |
| Renesas | HD64F2147NTE [TQFP100]       | (940)  |
| Renesas | HD64F2147NVFA [QFP100]       | (940)  |
| Renesas | HD64F2147NVTE [TQFP100]      | (940)  |
| Renesas | HD64F2148AFA [QFP100]        | (940)  |
| Renesas | HD64F2148ATE [TQFP100]       | (940)  |
| Renesas | HD64F2148AVFA [QFP100]       | (940)  |
| Renesas | HD64F2148AVTE [TQFP100]      | (940)  |
| Renesas | HD64F2148BFA [QFP100]        | (940)  |
| Renesas | HD64F2148BTE [TQFP100]       | (940)  |
| Renesas | HD64F2148BVFA [QFP100]       | (940)  |
| Renesas | HD64F2148BVTE [TQFP100]      | (940)  |
| Renesas | HD64F2148FA [QFP100]         | (940)  |
| Renesas | HD64F2148TE [TQFP100]        | (940)  |
| Renesas | HD64F2148VFA [QFP100]        | (940)  |
| Renesas | HD64F2148VTE [TQFP100]       | (940)  |
| Renesas | HD64F2149YVFA [QFP100]       | (940)  |
| Renesas | HD64F2149YVTE [TQFP100]      | (940)  |
| Renesas | HD64F2160BVTE [TQFP144]      | (627)  |
| Renesas | HD64F2161BVTE [TQFP144]      | (627)  |
| Renesas | HD64F2166V [QFP144]          | (793)  |
| Renesas | HD64F2167V [QFP144]          | (793)  |
| Renesas | HD64F2168V [QFP144]          | (793)  |
| Renesas | HD64F2169YVTE [TQFP144]      | (627)  |
| Renesas | HD64F2178VTE [QFP144]        | (793)  |
| Renesas | HD64F2215RTE [TQFP120]       | (645)  |
| Renesas | HD64F2215RUTE [TQFP120]      | (645)  |
| Renesas | HD64F2215TE [TQFP120]        | (645)  |
| Renesas | HD64F2215UTE [TQFP120]       | (645)  |
| Renesas | HD64F2217CUTF [TQFP100]      | (2437) |
| Renesas | HD64F2218CUTF [TQFP100]      | (2437) |
| Renesas | HD64F2218TF [TQFP100]        | (2437) |
| Renesas | HD64F2218UTF [TQFP100]       | (2437) |
| Renesas | HD64F2238BFA [QFP100]        | (1111) |
| Renesas | HD64F2238RFA [QFP100]        | (1111) |
| Renesas | HD64F2239FA [QFP100]         | (1111) |
| Renesas | HD64F2258FA [QFP100]         | (1111) |
| Renesas | HD64F2326VF [QFP128]         | (2408) |
| Renesas | HD64F2328BVF [QFP128]        | (2408) |
| Renesas | HD64F2328VF [QFP128]         | (2408) |
| Renesas | HD64F2329BVF [QFP128]        | (2408) |
| Renesas | HD64F2329EVF [QFP128]        | (2408) |
| Renesas | HD64F2329VF [QFP128]         | (2408) |
| Renesas | HD64F2376VFQ [QFP144]        | (642)  |
| Renesas | HD64F2377RVFQ [QFP144]       | (642)  |
| Renesas | HD64F2377VFQ [QFP144]        | (642)  |
| Renesas | HD64F2378RVFQ [QFP144]       | (642)  |
| Renesas | HD64F2378VFQ [QFP144]        | (642)  |
| Renesas | HD64F2398F [QFP128]          | (3145) |



|         |                   |            |        |
|---------|-------------------|------------|--------|
| Renesas | HD64F2506FC       | [QFP144]   | (608)  |
| Renesas | HD64F2552FC       | [QFP144]   | (608)  |
| Renesas | HD64F2556FC       | [QFP144]   | (608)  |
| Renesas | HD64F2612F        | [QFP80]    | (762)  |
| Renesas | HD64F2623FA       | [QFP100]   | (2655) |
| Renesas | HD64F2626FA       | [QFP100]   | (2655) |
| Renesas | HD64F2630xF       | [QFP128]   | (1579) |
| Renesas | HD64F2633F        | [QFP128]   | (3407) |
| Renesas | HD64F2633RF       | [QFP128]   | (3407) |
| Renesas | HD64F2633RTE      | [TQFP120]  | (2789) |
| Renesas | HD64F2633TE       | [TQFP120]  | (2789) |
| Renesas | HD64F2635F        | [QFP128]   | (1579) |
| Renesas | HD64F2636xF       | [QFP128]   | (1579) |
| Renesas | HD64F2638xF       | [QFP128]   | (1579) |
| Renesas | HD64F2639xF       | [QFP128]   | (1579) |
| Renesas | HD64F3026F        | [QFP100]   | (661)  |
| Renesas | HD64F3026TE       | [TQFP100]  | (661)  |
| Renesas | HD64F3028F        | [QFP100]   | (661)  |
| Renesas | HD64F3028TE       | [TQFP100]  | (661)  |
| Renesas | HD64F3029F        | [QFP100]   | (661)  |
| Renesas | HD64F3029TE       | [TQFP100]  | (661)  |
| Renesas | HD64F3048BF       | [QFP100]   | (661)  |
| Renesas | HD64F3048BTE      | [TQFP100]  | (661)  |
| Renesas | HD64F3048BVF      | [QFP100]   | (661)  |
| Renesas | HD64F3048BVTE     | [TQFP100]  | (661)  |
| Renesas | HD64F3052BF       | [QFP100]   | (661)  |
| Renesas | HD64F3052BTE      | [TQFP100]  | (661)  |
| Renesas | HD64F3062BF       | [QFP100]   | (661)  |
| Renesas | HD64F3062BTE      | [TQFP100]  | (661)  |
| Renesas | HD64F3062F        | [QFP100]   | (661)  |
| Renesas | HD64F3062TE       | [TQFP100]  | (661)  |
| Renesas | HD64F3064BF       | [QFP100]   | (661)  |
| Renesas | HD64F3064BTE      | [TQFP100]  | (661)  |
| Renesas | HD64F3064F        | [QFP100]   | (661)  |
| Renesas | HD64F3064TE       | [TQFP100]  | (661)  |
| Renesas | HD64F3068F        | [QFP100]   | (661)  |
| Renesas | HD64F3068TE       | [TQFP100]  | (661)  |
| Renesas | HD64F3069RF       | [QFP100]   | (661)  |
| Renesas | HD64F3069RTE      | [TQFP100]  | (661)  |
| Renesas | HD64F36047        | [QFP80]    | (1165) |
| Renesas | HD64F36049        | [QFP80]    | (1165) |
| Renesas | HD64F36074G       | [LQFP64]   | (923)  |
| Renesas | HD64F36074G       | [QFP64]    | (924)  |
| Renesas | HD64F36074L       | [LQFP64]   | (923)  |
| Renesas | HD64F36074L       | [QFP64]    | (924)  |
| Renesas | HD64F36077G       | [LQFP64]   | (923)  |
| Renesas | HD64F36077G       | [QFP64]    | (924)  |
| Renesas | HD64F36077L       | [LQFP64]   | (923)  |
| Renesas | HD64F36077L       | [QFP64]    | (924)  |
| Renesas | HD64F36079G       | [LQFP64]   | (923)  |
| Renesas | HD64F36079G       | [QFP64]    | (924)  |
| Renesas | HD64F36079L       | [LQFP64]   | (923)  |
| Renesas | HD64F36079L       | [QFP64]    | (924)  |
| Renesas | HD64F36087FP      | [LQFP64]   | (2436) |
| Renesas | HD64F36109xH      | [QFP100]   | (3174) |
| Renesas | HD64F3642AH       | [QFP64]    | (625)  |
| Renesas | HD64F3642AP       | [SDIP64]   | (522)  |
| Renesas | HD64F3643H        | [QFP64]    | (625)  |
| Renesas | HD64F3643P        | [SDIP64]   | (522)  |
| Renesas | HD64F3644H        | [QFP64]    | (625)  |
| Renesas | HD64F3644P        | [SDIP64]   | (522)  |
| Renesas | HD64F3664BP       | [SDIP42]   | (164)  |
| Renesas | HD64F3664FP       | [LQFP64]   | (1280) |
| Renesas | HD64F3664FY       | [LQFP48]   | (174)  |
| Renesas | HD64F3664H        | [QFP64]    | (2706) |
| Renesas | HD64F3672FY       | [LQFP48]   | (2284) |
| Renesas | HD64F3684FP       | [LQFP64]   | (923)  |
| Renesas | HD64F3684GFP      | [LQFP64]   | (923)  |
| Renesas | HD64F3684GH       | [QFP64]    | (924)  |
| Renesas | HD64F3684H        | [QFP64]    | (924)  |
| Renesas | HD64F3687FP       | [LQFP64]   | (923)  |
| Renesas | HD64F3687GFP      | [LQFP64]   | (923)  |
| Renesas | HD64F3687GH       | [QFP64]    | (924)  |
| Renesas | HD64F3687H        | [QFP64]    | (924)  |
| Renesas | HD64F36912GFH     | [LQFP32]   | (159)  |
| Renesas | HD64F36912GFH/12K | [LQFP32]   | (159)  |
| Renesas | HD64F3694FP       | [LQFP64]   | (1280) |
| Renesas | HD64F3694GFP      | [LQFP64]   | (1280) |
| Renesas | HD64F3694H        | [QFP64]    | (2706) |
| Renesas | HD64F38002FP      | [LQFP64]   | (2268) |
| Renesas | HD64F38004FP      | [LQFP64]   | (2268) |
| Renesas | HD64F38076RH      | [QFP80]    | (2725) |
| Renesas | HD64F38076RW      | [TQFP80]   | (4037) |
| Renesas | HD64F38086RW      | [TQFP80]   | (4037) |
| Renesas | HD64F38102FP      | [LQFP64]   | (2268) |
| Renesas | HD64F38104FP      | [LQFP64]   | (2268) |
| Renesas | HD64F38324H       | [QFP80]    | (988)  |
| Renesas | HD64F38327H       | [QFP80]    | (988)  |
| Renesas | HD64F38424H       | [QFP80]    | (988)  |
| Renesas | HD64F38427H       | [QFP80]    | (988)  |
| Renesas | HD64F38976H       | [QFP80]    | (4866) |
| Renesas | HD64F39079LFZ     | [QFP64]    | (9999) |
| Renesas | HD64F5398F        | [QFP112]   | (2966) |
| Renesas | HD64F7047F        | [QFP100]   | (2885) |
| Renesas | HD64F7055R        | [QFP256]   | (4681) |
| Renesas | HD64F7055S        | [QFP256]   | (2787) |
| Renesas | HD64F7058BF       | [QFP256]   | (926)  |
| Renesas | HD64F7065         | [QFP176]   | (1112) |
| Renesas | HD64F7144F        | [QFP112]   | (1151) |
| Renesas | HD64F7144FW       | [QFP112]   | (767)  |
| Renesas | HD64F7145F        | [LQFP144]  | (767)  |
| Renesas | HN58C1001         |            | (4046) |
| Renesas | HN58C1001         | [SOP32]    | (98)   |
| Renesas | HN58C1001         | [TSOP32]   | (56)   |
| Renesas | HN58C256A         |            |        |
| Renesas | HN58C256A         | [SOP28]    | (53)   |
| Renesas | HN58C256A         | [TSOP28]   | (54)   |
| Renesas | HN58C257A         | [TSOP32]   | (56)   |
| Renesas | HN58S256A         | [SOP28]    | (53)   |
| Renesas | HN58S256A         | [TSOP28]   | (54)   |
| Renesas | HN58S65A          |            |        |
| Renesas | HN58S65A          | [TSOP28]   | (54)   |
| Renesas | HN58v1001         |            |        |
| Renesas | HN58v1001         | [R-TSOP32] | (56)   |
| Renesas | HN58v1001         | [SOP32]    | (98)   |
| Renesas | HN58v1001         | [TSOP32]   | (56)   |
| Renesas | HN58v24256I       | (ISP)      | (138)  |
| Renesas | HN58v24256I       | [SOIC8]    | (950)  |
| Renesas | HN58v24256I       | [TSSOP14]  | (1087) |
| Renesas | HN58v24512I       | (ISP)      | (138)  |
| Renesas | HN58v24512I       | [SOIC8]    | (46)   |
| Renesas | HN58v256A         | [SOP28]    | (53)   |
| Renesas | HN58v256A         | [TSOP28]   | (54)   |
| Renesas | HN58v257          | [R-TSOP32] | (56)   |
| Renesas | HN58v257          | [TSOP32]   | (56)   |
| Renesas | HN58v257A         | [TSOP32]   | (56)   |
| Renesas | HN58v65A          |            |        |
| Renesas | HN58v65A          | [SOP28]    | (53)   |

|         |                       |        |
|---------|-----------------------|--------|
| Renesas | HN58V65A [TSOP28]     | (54)   |
| Renesas | HN58V66A              |        |
| Renesas | HN58V66A [SOP28]      | (53)   |
| Renesas | HN58V66A [TSOP28]     | (54)   |
| Renesas | HN58W241000I (ISP)    | (138)  |
| Renesas | HN58W241000I [SOIC8]  | (46)   |
| Renesas | HN58X2402I (ISP)      | (138)  |
| Renesas | HN58X2402I [SOIC8]    | (950)  |
| Renesas | HN58X2402I [TSSOP8]   | (121)  |
| Renesas | HN58X2404I (ISP)      | (138)  |
| Renesas | HN58X2404I [SOIC8]    | (950)  |
| Renesas | HN58X2404I [TSSOP8]   | (121)  |
| Renesas | HN58X2408 (ISP)       | (138)  |
| Renesas | HN58X2408 [SOIC8]     | (950)  |
| Renesas | HN58X2408 [TSSOP8]    | (121)  |
| Renesas | HN58X24128I (ISP)     | (138)  |
| Renesas | HN58X24128I [SOIC8]   | (950)  |
| Renesas | HN58X24128I [TSSOP14] | (1087) |
| Renesas | HN58X2416 (ISP)       | (138)  |
| Renesas | HN58X2416 [SOIC8]     | (950)  |
| Renesas | HN58X2416 [TSSOP8]    | (121)  |
| Renesas | HN58X24256A (ISP)     | (138)  |
| Renesas | HN58X24256A [SOIC8]   | (950)  |
| Renesas | HN58X24256A [TSSOP14] | (1087) |
| Renesas | HN58X24256I (ISP)     | (138)  |
| Renesas | HN58X24256I [SOIC8]   | (950)  |
| Renesas | HN58X24256I [TSSOP14] | (1087) |
| Renesas | HN58X2432 (ISP)       | (138)  |
| Renesas | HN58X2432 [SOIC8]     | (950)  |
| Renesas | HN58X2432 [TSSOP8]    | (121)  |
| Renesas | HN58X24512I (ISP)     | (138)  |
| Renesas | HN58X24512I [SOIC8]   | (46)   |
| Renesas | HN58X2464 (ISP)       | (138)  |
| Renesas | HN58X2464 [SOIC8]     | (950)  |
| Renesas | HN58X2464 [TSSOP8]    | (121)  |
| Renesas | HN58X2502 (ISP)       | (138)  |
| Renesas | HN58X2502 [SOP8]      | (950)  |
| Renesas | HN58X2502 [TSSOP8]    | (121)  |
| Renesas | HN58X2504 (ISP)       | (138)  |
| Renesas | HN58X2504 [SOP8]      | (950)  |
| Renesas | HN58X2504 [TSSOP8]    | (121)  |
| Renesas | HN58X2508 (ISP)       | (138)  |
| Renesas | HN58X2508 [SOP8]      | (950)  |
| Renesas | HN58X2508 [TSSOP8]    | (121)  |
| Renesas | HN58X25128 (ISP)      | (138)  |
| Renesas | HN58X25128 [SOP8]     | (950)  |
| Renesas | HN58X25128 [TSSOP14]  | (1087) |
| Renesas | HN58X2516 (ISP)       | (138)  |
| Renesas | HN58X2516 [SOP8]      | (950)  |
| Renesas | HN58X2516 [TSSOP8]    | (121)  |
| Renesas | HN58X25256 (ISP)      | (138)  |
| Renesas | HN58X25256 [SOP8]     | (950)  |
| Renesas | HN58X25256 [TSSOP14]  | (1087) |
| Renesas | HN58X2532 (ISP)       | (138)  |
| Renesas | HN58X2532 [SOP8]      | (950)  |
| Renesas | HN58X2532 [TSSOP8]    | (121)  |
| Renesas | HN58X25512 (ISP)      | (138)  |
| Renesas | HN58X25512 [TSSOP14]  | (1087) |
| Renesas | HN58X2564 (ISP)       | (138)  |
| Renesas | HN58X2564 [SOP8]      | (950)  |
| Renesas | HN58X2564 [TSSOP8]    | (121)  |
| Renesas | ISL6388 [QFN40]       | (3134) |
| Renesas | ISL68124 [QFN40-5x5]  | (4194) |
| Renesas | ISL68127 [QFN48]      | (4388) |
| Renesas | ISL68134 [QFN40-5x5]  | (4194) |
| Renesas | ISL68137 [QFN48]      | (4388) |
| Renesas | ISL68144 [QFN40-5x5]  | (4194) |
| Renesas | ISL68147 [QFN48-6x6]  | (4388) |
| Renesas | ISL69124 [QFN40]      | (4194) |
| Renesas | ISL69125 [QFN40]      | (4194) |
| Renesas | ISL69127 [QFN48-6x6]  | (4388) |
| Renesas | ISL69128 [QFN48-6x6]  | (4388) |
| Renesas | ISL69129 [QFN48-6x6]  | (4388) |
| Renesas | ISL69133 [QFN40-5x5]  | (4194) |
| Renesas | ISL69134 [QFN40-5x5]  | (4194) |
| Renesas | ISL69137 [QFN48]      | (4388) |
| Renesas | ISL69144 [QFN40-5x5]  | (4194) |
| Renesas | ISL69147 [QFN48-6x6]  | (4388) |
| Renesas | ISL69158 [QFN48-6x6]  | (4388) |
| Renesas | ISL69223 [QFN40-5x5]  | (4194) |
| Renesas | ISL94203 [TQFN48]     | (4872) |
| Renesas | M301N2F8TFP [LQFP48]  | (174)  |
| Renesas | M30240ECFP [QFP80]    | (402)  |
| Renesas | M30260F3AGP [LQFP48]  | (174)  |
| Renesas | M30260F6AGP [LQFP48]  | (174)  |
| Renesas | M30260F8AGP [LQFP48]  | (174)  |
| Renesas | M30280F6HP [LQFP80]   | (1442) |
| Renesas | M30280F8HP [LQFP80]   | (1442) |
| Renesas | M30280FAHP [LQFP80]   | (1442) |
| Renesas | M30280FATHP [LQFP80]  | (1442) |
| Renesas | M30280FAVHP [LQFP80]  | (1442) |
| Renesas | M30280FCHP [LQFP80]   | (1442) |
| Renesas | M30281F6XHP [LQFP64]  | (641)  |
| Renesas | M30281F8XHP [LQFP64]  | (641)  |
| Renesas | M30281FAXHP [LQFP64]  | (641)  |
| Renesas | M30281FCXHP [LQFP64]  | (641)  |
| Renesas | M30290F8HP [LQFP80]   | (1442) |
| Renesas | M30290F8THP [LQFP80]  | (1442) |
| Renesas | M30290F8VHP [LQFP80]  | (1442) |
| Renesas | M30290FAHP [LQFP80]   | (1442) |
| Renesas | M30290FATHP [LQFP80]  | (1442) |
| Renesas | M30290FAVHP [LQFP80]  | (1442) |
| Renesas | M30290FCHP (ISP)      | (138)  |
| Renesas | M30290FCHP [LQFP80]   | (1442) |
| Renesas | M30290FCTHP [LQFP80]  | (1442) |
| Renesas | M30290FCVHP [LQFP80]  | (1442) |
| Renesas | M30291F8XHP [LQFP64]  | (641)  |
| Renesas | M30291FAXHP [LQFP64]  | (641)  |
| Renesas | M30291FCXHP [LQFP64]  | (641)  |
| Renesas | M3030RFAPGP [LQFP100] | (1534) |
| Renesas | M3030RFCPPF [QFP100]  | (623)  |
| Renesas | M3030RFCPGP [LQFP100] | (1534) |
| Renesas | M3030RFDPGP [LQFP100] | (1534) |
| Renesas | M3030RFEPFP [QFP100]  | (2418) |
| Renesas | M3030RFEPGP [LQFP100] | (1534) |
| Renesas | M3030RFGPFP [QFP100]  | (2418) |
| Renesas | M3030RFGPGP [LQFP100] | (1534) |
| Renesas | M3030SFDPGP [LQFP100] | (1534) |
| Renesas | M3030SFEPGP [LQFP100] | (1534) |
| Renesas | M30620ECFP [QFP100]   | (398)  |
| Renesas | M30620ECFS [QFN100]   | (400)  |
| Renesas | M30620ECGP [LQFP100]  | (399)  |
| Renesas | M30620FCAFP [QFP100]  | (623)  |
| Renesas | M30620FCAGP [LQFP100] | (624)  |
| Renesas | M30620FCPPF [QFP100]  | (623)  |
| Renesas | M30620FCPGP [LQFP100] | (624)  |
| Renesas | M30620FGNFP [QFP100]  | (623)  |
| Renesas | M30621ECGP [QFP80]    | (401)  |

|         |             |           |        |
|---------|-------------|-----------|--------|
| Renesas | M30622ECTFP | [QFP100]  | (398)  |
| Renesas | M30622F8PFP | [QFP100]  | (623)  |
| Renesas | M30622F8PGP | [LQFP100] | (624)  |
| Renesas | M30623ECTGP | [QFP80]   | (401)  |
| Renesas | M30624FGAFP | (ISP)     | (138)  |
| Renesas | M30624FGAFP | [QFP100]  | (623)  |
| Renesas | M30624FGAGP | [LQFP100] | (624)  |
| Renesas | M30624FGMFP | (ISP)     | (138)  |
| Renesas | M30624FGMFP | [QFP100]  | (623)  |
| Renesas | M30624FGMGP | (ISP)     | (138)  |
| Renesas | M30624FGMGP | [LQFP100] | (624)  |
| Renesas | M30624FGNFP | [QFP100]  | (623)  |
| Renesas | M30624FGPFP | (ISP)     | (138)  |
| Renesas | M30624FGPFP | [QFP100]  | (623)  |
| Renesas | M30624FGPGP | (ISP)     | (138)  |
| Renesas | M30624FGPGP | [LQFP100] | (624)  |
| Renesas | M30625FGPGP | [QFP128]  | (1025) |
| Renesas | M30626FHPFP | (ISP)     | (138)  |
| Renesas | M30626FHPFP | [QFP100]  | (623)  |
| Renesas | M30626FHPGP | [LQFP100] | (624)  |
| Renesas | M30626FJPFP | (ISP)     | (138)  |
| Renesas | M30626FJPFP | [QFP100]  | (623)  |
| Renesas | M30626FJPGP | [LQFP100] | (624)  |
| Renesas | M30627FHPGP | [QFP128]  | (1025) |
| Renesas | M30627FJPGP | [QFP128]  | (1025) |
| Renesas | M3062LFGPFP | [QFP100]  | (623)  |
| Renesas | M3062LFGPGP | [LQFP100] | (624)  |
| Renesas | M306K7F8LRP | [QFP144]  | (706)  |
| Renesas | M306K9FCLRP | [QFP144]  | (706)  |
| Renesas | M306KAFCLRP | [QFP144]  | (706)  |
| Renesas | M306N4FCFP  | [QFP100]  | (2418) |
| Renesas | M306N4FCTFP | [QFP100]  | (2418) |
| Renesas | M306N4FCVFP | [QFP100]  | (2418) |
| Renesas | M306N4FGFP  | [QFP100]  | (2418) |
| Renesas | M306N4FGTFP | (ISP)     | (138)  |
| Renesas | M306N4FGTFP | [QFP100]  | (2418) |
| Renesas | M306N4FGVFP | [QFP100]  | (2418) |
| Renesas | M306N5FCGP  | [LQFP100] | (624)  |
| Renesas | M306N5FCTFP | [QFP100]  | (623)  |
| Renesas | M306N5FCTGP | [LQFP100] | (624)  |
| Renesas | M306N5FCVFP | [QFP100]  | (623)  |
| Renesas | M306N5FCVGP | [LQFP100] | (624)  |
| Renesas | M306N5FWTFP | [QFP100]  | (623)  |
| Renesas | M306NAFGTFP | (ISP)     | (138)  |
| Renesas | M306NAFGTFP | [QFP100]  | (623)  |
| Renesas | M306NBCTFP  | [QFP100]  | (623)  |
| Renesas | M306NKFHGP  | [LQFP100] | (1534) |
| Renesas | M306NKFJGP  | [LQFP100] | (1534) |
| Renesas | M306NNFHGP  | [QFP128]  | (1025) |
| Renesas | M306NNFJGP  | [QFP128]  | (1025) |
| Renesas | M306V0EEFP  | [QFP100]  | (398)  |
| Renesas | M306V0EEFS  | [QFN100]  | (400)  |
| Renesas | M306V2EEFP  | [QFP100]  | (398)  |
| Renesas | M306V2EEFS  | [QFN100]  | (400)  |
| Renesas | M3083LFJVG  | [LQFP100] | (624)  |
| Renesas | M30843FHGP  | [LQFP100] | (2704) |
| Renesas | M30843FHTGP | [LQFP100] | (2704) |
| Renesas | M30843FWGP  | [LQFP100] | (2704) |
| Renesas | M30843FWTGP | [LQFP100] | (2704) |
| Renesas | M30845FHGP  | [LQFP144] | (4044) |
| Renesas | M30845FHTGP | [LQFP144] | (4044) |
| Renesas | M30845FJGP  | [LQFP144] | (4044) |
| Renesas | M30845FJTGP | [LQFP144] | (4044) |
| Renesas | M30845FWGP  | [LQFP144] | (4044) |
| Renesas | M30879FKAGP | [LQFP100] | (1534) |
| Renesas | M30879FKBGP | [LQFP100] | (1534) |
| Renesas | M30879FLGP  | [LQFP100] | (1534) |
| Renesas | M3087BFHAGP | [QFP144]  | (1024) |
| Renesas | M3087BFHGP  | [QFP144]  | (1024) |
| Renesas | M3087BFJAGP | [QFP144]  | (1024) |
| Renesas | M3087BFJGP  | [QFP144]  | (1024) |
| Renesas | M3087BFKAGP | [QFP144]  | (1024) |
| Renesas | M3087BFKGP  | [QFP144]  | (1024) |
| Renesas | M3087BFLAGP | [QFP144]  | (1024) |
| Renesas | M3087BFLGP  | [QFP144]  | (1024) |
| Renesas | M34282E2GP  | [SSOP20]  | (1089) |
| Renesas | M34283G2GP  | [SSOP20]  | (1089) |
| Renesas | M34286G2GP  | [SSOP20]  | (1089) |
| Renesas | M34508G4FP  | [SOP20]   | (1055) |
| Renesas | M34508G4GP  | [SSOP20]  | (1089) |
| Renesas | M34508G4HFP | [SOP20]   | (1055) |
| Renesas | M34508G4HGP | [SSOP20]  | (1089) |
| Renesas | M34513E4FP  | [LQFP32]  | (373)  |
| Renesas | M34513E4SP  | [SDIP32]  | (372)  |
| Renesas | M34513E8FP  | [LQFP32]  | (373)  |
| Renesas | M34514E8FP  | [SSOP42]  | (374)  |
| Renesas | M34518E8FP  | [LQFP32]  | (373)  |
| Renesas | M34518E8SP  | [SDIP32]  | (372)  |
| Renesas | M34519E8FP  | [SSOP42]  | (374)  |
| Renesas | M34524EDFP  | [QFP64]   | (375)  |
| Renesas | M34551E8FP  | [QFP48]   | (376)  |
| Renesas | M34552G8FP  | [QFP48]   | (2330) |
| Renesas | M34552G8HFP | [QFP48]   | (2330) |
| Renesas | M34554EDFP  | [QFP64]   | (375)  |
| Renesas | M3455AG8FP  | [LQFP52]  | (2293) |
| Renesas | M3455AGCFP  | [LQFP52]  | (2293) |
| Renesas | M34570E8FP  | [SSOP36]  | (377)  |
| Renesas | M34570EDFP  | [SSOP36]  | (377)  |
| Renesas | M34583EDFP  | [LQFP32]  | (373)  |
| Renesas | M34584EDFP  | [SSOP42]  | (374)  |
| Renesas | M37150EFP   | [SSOP42]  | (673)  |
| Renesas | M37151EFP   | [SSOP42]  | (673)  |
| Renesas | M37160EFP   | [SSOP42]  | (673)  |
| Renesas | M37161EFP   | [SSOP42]  | (673)  |
| Renesas | M37451E4FP  | [QFP80]   | (4648) |
| Renesas | M37451E8FP  | [QFP80]   | (4648) |
| Renesas | M37451ECFP  | [QFP80]   | (4648) |
| Renesas | M37516E6HGP | [QFN44]   | (397)  |
| Renesas | M37516E6HP  | [LQFP48]  | (396)  |
| Renesas | M37531E4FP  | [SSOP36]  | (976)  |
| Renesas | M37531E4GP  | [QFP32]   | (159)  |
| Renesas | M37531E8FP  | [SSOP36]  | (976)  |
| Renesas | M37531E8GP  | [QFP32]   | (159)  |
| Renesas | M37540E2FP  | [SSOP36]  | (394)  |
| Renesas | M37540E2GP  | [LQFP32]  | (395)  |
| Renesas | M37540E2SP  | [SDIP32]  | (393)  |
| Renesas | M37540E8FP  | [SSOP36]  | (394)  |
| Renesas | M37540E8GP  | [LQFP32]  | (395)  |
| Renesas | M37540E8SP  | [SDIP32]  | (393)  |
| Renesas | M37542F8FP  | [SSOP36]  | (976)  |
| Renesas | M37542F8GP  | [LQFP32]  | (159)  |
| Renesas | M37542F8SP  | [SDIP32]  | (175)  |
| Renesas | M37544G2AGP | [LQFP32]  | (159)  |
| Renesas | M37544G2ASP | [SDIP32]  | (175)  |
| Renesas | M37547G4FP  | [SSOP36]  | (976)  |
| Renesas | M37549G1FP  | [SDIP24]  | (175)  |
| Renesas | M37549G1FP  | [SSOP24]  | (2965) |
| Renesas | M37549G2FP  | [SDIP24]  | (175)  |

|         |               |                 |        |
|---------|---------------|-----------------|--------|
| Renesas | M37549G2FP    | [SSOP24]        | (2965) |
| Renesas | M37549G3FP    | [SDIP24]        | (175)  |
| Renesas | M37549G3FP    | [SSOP24]        | (2965) |
| Renesas | M37560EFDFF   | [QFP100]        | (390)  |
| Renesas | M37560EFFF    | [QFP100]        | (390)  |
| Renesas | M37560EFFF    | [QFN100]        | (392)  |
| Renesas | M37560EFGP    | [LQFP100]       | (391)  |
| Renesas | M37590E2TFP   | [SSOP36]        | (976)  |
| Renesas | M37630E4FP    | [QFP44]         | (2926) |
| Renesas | M37630E4FS    | [QFN80]         | (379)  |
| Renesas | M37640E8FP    | [QFP80]         | (380)  |
| Renesas | M37640E8FS    | [QFN80]         | (381)  |
| Renesas | M37702E2BFP   | [PQFP80]        | (845)  |
| Renesas | M37702E2LGP   | [QFP80]         | (556)  |
| Renesas | M37702E4BFP   | [PQFP80]        | (845)  |
| Renesas | M37702E4LFP   | [PQFP80]        | (845)  |
| Renesas | M37702E4LGP   | [QFP80]         | (556)  |
| Renesas | M37702E6BFP   | [PQFP80]        | (845)  |
| Renesas | M37733EHBFP   | [QFP80]         | (403)  |
| Renesas | M37733EHBFS   | [QFN80]         | (404)  |
| Renesas | M37735EHBFP   | [QFP80]         | (403)  |
| Renesas | M37735EHBFS   | [QFN80]         | (404)  |
| Renesas | M37736EHBGP   | [QFP100]        | (405)  |
| Renesas | M37736EHBGS   | [QFN100]        | (406)  |
| Renesas | M37751E6CFP   | [QFP80]         | (403)  |
| Renesas | M37751E6CFS   | [QFN80]         | (404)  |
| Renesas | M37751F6CFP   | [QFP80]         | (403)  |
| Renesas | M38002E2FP    | [QFP64]         | (1002) |
| Renesas | M38002E4DFP   | [QFP64]         | (1002) |
| Renesas | M38002E4FP    | [QFP64]         | (1002) |
| Renesas | M38002E4SP    | [SDIP64]        | (942)  |
| Renesas | M38004E8FP    | [QFP64]         | (1002) |
| Renesas | M38027E8DFP   | [QFP64]         | (1002) |
| Renesas | M38027E8FP    | [QFP64]         | (1002) |
| Renesas | M38039FFFF    | [QFP64]         | (409)  |
| Renesas | M38039FFHFP   | [QFP64]         | (1043) |
| Renesas | M38039FFHHP   | [LQFP64]        | (1026) |
| Renesas | M38039FFHKP   | [LQFP64]        | (662)  |
| Renesas | M38039FFHFP   | [LQFP64]        | (2703) |
| Renesas | M38039FFLHP   | [LQFP64]        | (1026) |
| Renesas | M38039FFLKP   | [LQFP64]        | (662)  |
| Renesas | M38039FFSP    | [SDIP64]        | (2576) |
| Renesas | M38039G4HHP   | [LQFP64] 10x10] | (2813) |
| Renesas | M38039G4HKP   | [LQFP64]        | (2413) |
| Renesas | M38039G4HSP   | [SDIP64]        | (2260) |
| Renesas | M38039G6HHP   | [LQFP64] 10x10] | (2813) |
| Renesas | M38039G6HKP   | [LQFP64]        | (2413) |
| Renesas | M38039G6HSP   | [SDIP64]        | (2260) |
| Renesas | M38039G8HHP   | [LQFP64] 10x10] | (2813) |
| Renesas | M38039G8HKP   | [LQFP64]        | (2413) |
| Renesas | M38039G8HSP   | [SDIP64]        | (2260) |
| Renesas | M38039GCHHP   | [LQFP64] 10x10] | (2813) |
| Renesas | M38039GCHKP   | [LQFP64]        | (2413) |
| Renesas | M38039GCHSP   | [SDIP64]        | (2260) |
| Renesas | M38049FFFF    | [QFP64]         | (409)  |
| Renesas | M38049FFHFP   | [QFP64]         | (1043) |
| Renesas | M38049FFHHP   | [LQFP64]        | (1026) |
| Renesas | M38049FFHKP   | [LQFP64]        | (662)  |
| Renesas | M38049FFHFP   | [LQFP64]        | (2703) |
| Renesas | M38049FFLHP   | [LQFP64]        | (1026) |
| Renesas | M38049FFSP    | [SDIP64]        | (2576) |
| Renesas | M38223E4FP    | [QFP80]         | (386)  |
| Renesas | M38223E4FS    | [QFN80]         | (385)  |
| Renesas | M38223E4GP    | [QFP80]         | (387)  |
| Renesas | M38223E4HP    | [LQFP80]        | (384)  |
| Renesas | M38227ECFP    | [QFP80]         | (386)  |
| Renesas | M38227ECFS    | [QFN80]         | (385)  |
| Renesas | M38227ECHP    | [LQFP80]        | (384)  |
| Renesas | M38234G4FP    | [PQFP80]        | (2294) |
| Renesas | M38235G6FP    | [PQFP80]        | (2294) |
| Renesas | M38238G8FP    | [PQFP80]        | (2294) |
| Renesas | M38239GCFP    | [PQFP80]        | (2294) |
| Renesas | M3823AGFFP    | [PQFP80]        | (2294) |
| Renesas | M38267E8FP    | [QFP100]        | (390)  |
| Renesas | M38267E8GP    | [LQFP100]       | (391)  |
| Renesas | M3826AEFFP    | [QFP100]        | (390)  |
| Renesas | M3826AEFFS    | [QFN100]        | (392)  |
| Renesas | M3826AEFGP    | [LQFP100]       | (391)  |
| Renesas | M38503G4AFP   | [SSOP42]        | (1066) |
| Renesas | M38503G4ASP   | [SDIP42]        | (164)  |
| Renesas | M38504E6FP    | [SSOP42]        | (383)  |
| Renesas | M38504E6SP    | [SDIP42]        | (382)  |
| Renesas | M38504E6SS    | [SDIP42]        | (382)  |
| Renesas | M38507F8AFP   | [SSOP42]        | (1066) |
| Renesas | M38507F8ASP   | [SDIP42]        | (164)  |
| Renesas | M38514E6FP    | [SSOP42]        | (383)  |
| Renesas | M38514E6SP    | [SDIP42]        | (382)  |
| Renesas | M38514E6SS    | [SDIP42]        | (382)  |
| Renesas | M38588GCFP    | [SSOP42]        | (1066) |
| Renesas | M38588GCSP    | [SDIP42]        | (164)  |
| Renesas | M38867E8AFS   | [QFN80]         | (385)  |
| Renesas | M38867E8AHP   | [LQFP80]        | (384)  |
| Renesas | M38869FFAGP   | [QFP80]         | (412)  |
| Renesas | M38869FFAHP   | [LQFP80]        | (411)  |
| Renesas | M38B79FFFF    | [QFP100]        | (413)  |
| Renesas | M38C13E6FP    | [LQFP64]        | (388)  |
| Renesas | M38C13E6HP    | [QFP64]         | (389)  |
| Renesas | M38C89EFFF    | [LQFP144]       | (407)  |
| Renesas | M38D29GFHP    | [LQFP64]        | (3262) |
| Renesas | M5M29GB320VP  | [TSOP48]        | (1346) |
| Renesas | M5M29GT320VP  | [TSOP48]        | (1346) |
| Renesas | M5M29KB331A   | [TSOP48]        | (1346) |
| Renesas | M5M29KB641AVP | [TSOP48]        | (1346) |
| Renesas | M5M29KE131B   | [TSOP48]        | (1346) |
| Renesas | M5M29KT331A   | [TSOP48]        | (1346) |
| Renesas | M5M29KT641AVP | [TSOP48]        | (1346) |
| Renesas | MC-10256      | [FBGA208]       | (2666) |
| Renesas | R1EV24002A    | (ISP)           | (138)  |
| Renesas | R1EV24002A    | [SOP8]          | (950)  |
| Renesas | R1EV24004A    | (ISP)           | (138)  |
| Renesas | R1EV24004A    | [SOP8]          | (950)  |
| Renesas | R1EV24064A    | (ISP)           | (138)  |
| Renesas | R1EV24064A    | [SOP8]          | (950)  |
| Renesas | R1EV58064BxxN |                 |        |
| Renesas | R1EV58256B    |                 |        |
| Renesas | R1EX24002A    | (ISP)           | (138)  |
| Renesas | R1EX24002A    | [SOP8]          | (950)  |
| Renesas | R1EX24002A    | [TSSOP8]        | (121)  |
| Renesas | R1EX24004A    | (ISP)           | (138)  |
| Renesas | R1EX24004A    | [SOP8]          | (950)  |
| Renesas | R1EX24004A    | [TSSOP8]        | (121)  |
| Renesas | R1EX24008A    | (ISP)           | (138)  |
| Renesas | R1EX24008A    | [SOP8]          | (950)  |
| Renesas | R1EX24008A    | [TSSOP8]        | (121)  |
| Renesas | R1EX24016A    | (ISP)           | (138)  |
| Renesas | R1EX24016A    | [SOP8]          | (950)  |
| Renesas | R1EX24016A    | [TSSOP8]        | (121)  |
| Renesas | R1EX24032A    | (ISP)           | (138)  |

|         |                |                      |              |
|---------|----------------|----------------------|--------------|
| Renesas | R1EX24032A     | [SOP8]               | (950)        |
| Renesas | R1EX24032A     | [TSSOP8]             | (121)        |
| Renesas | R1EX24064A     | [ISP]                | (138)        |
| Renesas | R1EX24064A     | [SOP8]               | (950)        |
| Renesas | R1EX24064A     | [TSSOP8]             | (121)        |
| Renesas | R1EX24128A     | [ISP]                | (138)        |
| Renesas | R1EX24128A     | [SOP8]               | (950)        |
| Renesas | R1EX24128A     | [TSSOP8]             | (121)        |
| Renesas | R1EX24128A     | [TSSOP8] (Bad911)    | (121)        |
| Renesas | R1EX24128B     | [ISP]                | (138)        |
| Renesas | R1EX24128B     | [SOP8]               | (950)        |
| Renesas | R1EX24128B     | [TSSOP8]             | (121)        |
| Renesas | R1EX24256A     | [ISP]                | (138)        |
| Renesas | R1EX24256A     | [SOP8]               | (950)        |
| Renesas | R1EX24256A     | [TSSOP14]            | (1087)       |
| Renesas | R1EX24256B     | [ISP]                | (138)        |
| Renesas | R1EX24256B     | [SOP8]               | (950)        |
| Renesas | R1EX24256B     | [TSSOP8]             | (121)        |
| Renesas | R1EX24512A     | [ISP]                | (138)        |
| Renesas | R1EX24512A     | [SOP8]               | (950)        |
| Renesas | R1EX24512A     | [TSSOP8]             | (121)        |
| Renesas | R1EX24512B     | [ISP]                | (138)        |
| Renesas | R1EX24512B     | [SOP8]               | (950)        |
| Renesas | R1EX24512B     | [TSSOP8]             | (121)        |
| Renesas | R1EX25002A     | [ISP]                | (138)        |
| Renesas | R1EX25002A     | [SOP8]               | (950)        |
| Renesas | R1EX25002A     | [TSSOP8]             | (121)        |
| Renesas | R1EX25004A     | [ISP]                | (138)        |
| Renesas | R1EX25004A     | [SOP8]               | (950)        |
| Renesas | R1EX25004A     | [TSSOP8]             | (121)        |
| Renesas | R1EX25008A     | [ISP]                | (138)        |
| Renesas | R1EX25008A     | [SOP8]               | (950)        |
| Renesas | R1EX25008A     | [TSSOP8]             | (121)        |
| Renesas | R1EX25016A     | [ISP]                | (138)        |
| Renesas | R1EX25016A     | [SOP8]               | (950)        |
| Renesas | R1EX25016A     | [TSSOP8]             | (121)        |
| Renesas | R1EX25032A     | [ISP]                | (138)        |
| Renesas | R1EX25032A     | [SOP8]               | (950)        |
| Renesas | R1EX25032A     | [TSSOP8]             | (121)        |
| Renesas | R1EX25064A     | [ISP]                | (138)        |
| Renesas | R1EX25064A     | [SOP8]               | (950)        |
| Renesas | R1EX25064A     | [TSSOP8]             | (121)        |
| Renesas | R1EX25512A     | [ISP]                | (138)        |
| Renesas | R1EX25512A     | [SOP8]               | (950)        |
| Renesas | R1EX25512A     | [TSSOP8]             | (121)        |
| Renesas | R4F20102xFA    | [LQFP64]             | (2654)       |
| Renesas | R4F20103xFA    | [LQFP64]             | (2654)       |
| Renesas | R4F20114xFA    | [LQFP64]             | (2654)       |
| Renesas | R4F20115xFA    | [LQFP64]             | (2654)       |
| Renesas | R4F20202xFD    | [LQFP80]             | (2622)       |
| Renesas | R4F20203xFD    | [LQFP80]             | (2622)       |
| Renesas | R4F20214xFD    | [LQFP80]             | (2622)       |
| Renesas | R4F20215xFD    | [LQFP80]             | (2622)       |
| Renesas | R4F20222xFD    | [LQFP80]             | (2622)       |
| Renesas | R4F20223xFD    | [LQFP80]             | (2622)       |
| Renesas | R4F20234xFD    | [LQFP80]             | (2622)       |
| Renesas | R4F20235xFD    | [LQFP80]             | (2622)       |
| Renesas | R4F2112        | [TQFP144]            | (987)        |
| Renesas | R4F2112        | [TQFP144] (CS)       | (987)        |
| Renesas | R4F2113        | [TQFP144]            | (2377)       |
| Renesas | R4F2113xBG     | [LFBGA176]           | (3172)       |
| Renesas | R4F2113xLG     | [TFLGA145]           | (3707)       |
| Renesas | R4F2116        | [QFP144]             | (765)        |
| Renesas | R4F2116BG      | [LGBGA176]           | (893)        |
| Renesas | R4F2117        | [TQFP144]            | (987)        |
| Renesas | R4F2117BG      | [LGBGA176]           | (893)        |
| Renesas | R4F2117LP      | [TFLGA145]           | (1278)       |
| Renesas | R4F2117LP      | [TFLGA145] Boot mode | (4402)       |
| Renesas | R4F2117R       | [TQFP144]            | (987)        |
| Renesas | R4F2117RBG     | [LGBGA176]           | (893)        |
| Renesas | R4F2117RLP     | [TFLGA145]           | (1278)       |
| Renesas | R4F2117RVLP    | [TFLGA145]           | (1278)       |
| Renesas | R4F2117VPBG    | [LGBGA176]           | (893)        |
| Renesas | R4F24245xxFA   | [LQFP120]            | (3244)       |
| Renesas | R4F24245xxFP   | [LQFP120]            | (3043)       |
| Renesas | R4F24248xxFA   | [LQFP120]            | (3244)       |
| Renesas | R4F24248xxFP   | [LQFP120]            | (3043)       |
| Renesas | R4F24249xxFA   | [LQFP120]            | (3244)       |
| Renesas | R4F24249xxFP   | [LQFP120]            | (3043)       |
| Renesas | R4F24255xFA    | [LQFP120]            | (3244)       |
| Renesas | R4F24255xVFA   | [LQFP120]            | (3244)       |
| Renesas | R4F24255xWFA   | [LQFP120]            | (3244)       |
| Renesas | R4F24256xFA    | [LQFP120]            | (3244)       |
| Renesas | R4F24256xVFA   | [LQFP120]            | (3244)       |
| Renesas | R4F24256xWFA   | [LQFP120]            | (3244)       |
| Renesas | R4F24258xFA    | [LQFP120]            | (3244)       |
| Renesas | R4F24258xVFA   | [LQFP120]            | (3244)       |
| Renesas | R4F24258xWFA   | [LQFP120]            | (3244)       |
| Renesas | R4F24259xFA    | [LQFP120]            | (3244)       |
| Renesas | R4F24259xVFA   | [LQFP120]            | (3244)       |
| Renesas | R4F24259xWFA   | [LQFP120]            | (3244)       |
| Renesas | R4F24275xFQU   | [LQFP144]            | (2438)       |
| Renesas | R4F24275xvxFQU | [LQFP144]            | (2438)       |
| Renesas | R4F24276xFQU   | [LQFP144]            | (2438)       |
| Renesas | R4F24276xvxFQU | [LQFP144]            | (2438)       |
| Renesas | R4F24278xFQU   | [LQFP144]            | (2438)       |
| Renesas | R4F24278xvxFQU | [LQFP144]            | (2438)       |
| Renesas | R4F24279xFQU   | [LQFP144]            | (2438)       |
| Renesas | R4F24279xvxFQU | [LQFP144]            | (2438)       |
| Renesas | R4F24565xvxFQ  | [LQFP144]            | (2438)       |
| Renesas | R4F24568xvxFQ  | [LQFP144]            | (2438)       |
| Renesas | R4F24569xvxFQ  | [LQFP144]            | (2438)       |
| Renesas | R4F2461VFQ     | [LQFP144]            | (1068)       |
| Renesas | R4F2462VFQ     | [LQFP144]            | (1068)       |
| Renesas | R4F2472VBR     | [LFBGA176]           | (2877)       |
| Renesas | R4J01101DFP    | [QFP144]             | (1500)       |
| Renesas | R4J01102DFP    | [QFP144]             | (1500)       |
| Renesas | R4J01103DFP    | [QFP144]             | (1500)       |
| Renesas | R5F1006AX      | [ISP]                | (138) (9997) |
| Renesas | R5F1006AXSP    | [SSOP20]             | (2823)       |
| Renesas | R5F1006CX      | [ISP]                | (138) (9997) |
| Renesas | R5F1006CXSP    | [SSOP20]             | (2823)       |
| Renesas | R5F1006DX      | [ISP]                | (138) (9997) |
| Renesas | R5F1006DXSP    | [SSOP20]             | (2823)       |
| Renesas | R5F1006EX      | [ISP]                | (138) (9997) |
| Renesas | R5F1006EXSP    | [SSOP20]             | (2823)       |
| Renesas | R5F1007AX      | [ISP]                | (138) (9997) |
| Renesas | R5F1007AXNA    | [WQFN24]             | (2717)       |
| Renesas | R5F1007CX      | [ISP]                | (138) (9997) |
| Renesas | R5F1007CXNA    | [WQFN24]             | (2717)       |
| Renesas | R5F1007DX      | [ISP]                | (138) (9997) |
| Renesas | R5F1007DXNA    | [WQFN24]             | (2717)       |
| Renesas | R5F1007EX      | [ISP]                | (138) (9997) |
| Renesas | R5F1007EXNA    | [WQFN24]             | (2717)       |
| Renesas | R5F1008AX      | [ISP]                | (138) (9997) |
| Renesas | R5F1008AXLA    | [FLGA25]             | (2812)       |
| Renesas | R5F1008CX      | [ISP]                | (138)        |
| Renesas | R5F1008CXLA    | [FLGA25]             | (2812)       |

|         |                            |              |
|---------|----------------------------|--------------|
| Renesas | R5F1008Dx (ISP)            | (138) (9997) |
| Renesas | R5F1008DXLA [FLGA25]       | (2812)       |
| Renesas | R5F1008Ex (ISP)            | (138)        |
| Renesas | R5F1008EXLA [FLGA25]       | (2812)       |
| Renesas | R5F100AAX (ISP)            | (138) (9997) |
| Renesas | R5F100AAXSP [SSOP30]       | (2811)       |
| Renesas | R5F100ACX (ISP)            | (138) (9997) |
| Renesas | R5F100ACXSP [SSOP30]       | (2811)       |
| Renesas | R5F100ADx (ISP)            | (138) (9997) |
| Renesas | R5F100ADxSP [SSOP30]       | (2811)       |
| Renesas | R5F100AEX (ISP)            | (138) (9997) |
| Renesas | R5F100AEXSP [SSOP30]       | (2811)       |
| Renesas | R5F100AFx (ISP)            | (138) (9997) |
| Renesas | R5F100AFxSP [SSOP30]       | (2811)       |
| Renesas | R5F100AGx (ISP)            | (138) (9997) |
| Renesas | R5F100AGxSP [SSOP30]       | (2811)       |
| Renesas | R5F100BAX (ISP)            | (138) (9997) |
| Renesas | R5F100BAXNA [WQFN32]       | (2718)       |
| Renesas | R5F100BCx (ISP)            | (138) (9997) |
| Renesas | R5F100BCxFP [LQFP32]       | (2741)       |
| Renesas | R5F100BCXNA [WQFN32]       | (2718)       |
| Renesas | R5F100BDx (ISP)            | (138) (9997) |
| Renesas | R5F100BDXNA [WQFN32]       | (2718)       |
| Renesas | R5F100BEX (ISP)            | (138) (9997) |
| Renesas | R5F100BEXNA [WQFN32]       | (2718)       |
| Renesas | R5F100BFx (ISP)            | (138) (9997) |
| Renesas | R5F100BFxNA [WQFN32]       | (2718)       |
| Renesas | R5F100BGx (ISP)            | (138) (9997) |
| Renesas | R5F100BGXNA [WQFN32]       | (2718)       |
| Renesas | R5F100CAX (ISP)            | (138) (9997) |
| Renesas | R5F100CAXLA [FLGA36]       | (2863)       |
| Renesas | R5F100CCx (ISP)            | (138) (9997) |
| Renesas | R5F100CCXLA [FLGA36]       | (2863)       |
| Renesas | R5F100CDx (ISP)            | (138) (9997) |
| Renesas | R5F100CDXLA [FLGA36]       | (2863)       |
| Renesas | R5F100CEx (ISP)            | (138) (9997) |
| Renesas | R5F100CEXLA [FLGA36]       | (2863)       |
| Renesas | R5F100CFx (ISP)            | (138) (9997) |
| Renesas | R5F100CFXLA [FLGA36]       | (2863)       |
| Renesas | R5F100CGx (ISP)            | (138) (9997) |
| Renesas | R5F100CGXLA [FLGA36]       | (2863)       |
| Renesas | R5F100EAX (ISP)            | (138) (9997) |
| Renesas | R5F100EAXNA [WQFN40]       | (2685)       |
| Renesas | R5F100ECx (ISP)            | (138) (9997) |
| Renesas | R5F100ECXNA [WQFN40]       | (2685)       |
| Renesas | R5F100EDx (ISP)            | (138) (9997) |
| Renesas | R5F100EDXNA [WQFN40]       | (2685)       |
| Renesas | R5F100EEx (ISP)            | (138) (9997) |
| Renesas | R5F100EEXNA [WQFN40]       | (2685)       |
| Renesas | R5F100EFx (ISP)            | (138) (9997) |
| Renesas | R5F100EFXNA [WQFN40]       | (2685)       |
| Renesas | R5F100EGx (ISP)            | (138) (9997) |
| Renesas | R5F100EGXNA [WQFN40]       | (2685)       |
| Renesas | R5F100EHx (ISP)            | (138) (9997) |
| Renesas | R5F100EHXNA [WQFN40]       | (2685)       |
| Renesas | R5F100FAX (ISP)            | (138) (9997) |
| Renesas | R5F100FAXFP [LQFP44]       | (2675)       |
| Renesas | R5F100FCx (ISP)            | (138) (9997) |
| Renesas | R5F100FCXFP [LQFP44]       | (2675)       |
| Renesas | R5F100FDx (ISP)            | (138) (9997) |
| Renesas | R5F100FDXFP [LQFP44]       | (2675)       |
| Renesas | R5F100FEX (ISP)            | (138) (9997) |
| Renesas | R5F100FEXFP [LQFP44]       | (2675)       |
| Renesas | R5F100FFx (ISP)            | (138) (9997) |
| Renesas | R5F100FFXFP [LQFP44]       | (2675)       |
| Renesas | R5F100FGx (ISP)            | (138) (9997) |
| Renesas | R5F100FGXFP [LQFP44]       | (2675)       |
| Renesas | R5F100FHx (ISP)            | (138) (9997) |
| Renesas | R5F100FHXFP [LQFP44]       | (2675)       |
| Renesas | R5F100FJx (ISP)            | (138) (9997) |
| Renesas | R5F100FJXFP [LQFP44]       | (2675)       |
| Renesas | R5F100FKx (ISP)            | (138) (9997) |
| Renesas | R5F100FKXFP [LQFP44]       | (2675)       |
| Renesas | R5F100FLx (ISP)            | (138) (9997) |
| Renesas | R5F100FLXFP [LQFP44]       | (2675)       |
| Renesas | R5F100GAX (ISP)            | (138) (9997) |
| Renesas | R5F100GAXFB [LQFP48]       | (2617)       |
| Renesas | R5F100GAXNA [WQFN48]       | (2623)       |
| Renesas | R5F100GCx (ISP)            | (138) (9997) |
| Renesas | R5F100GCXFB [LQFP48]       | (2617)       |
| Renesas | R5F100GCXNA [WQFN48]       | (2623)       |
| Renesas | R5F100GDx (ISP)            | (138) (9997) |
| Renesas | R5F100GDXFB [LQFP48]       | (2617)       |
| Renesas | R5F100GDXNA [WQFN48]       | (2623)       |
| Renesas | R5F100GEX (ISP)            | (138) (9997) |
| Renesas | R5F100GEXFB [LQFP48]       | (2617)       |
| Renesas | R5F100GEXNA [WQFN48]       | (2623)       |
| Renesas | R5F100GFx (ISP)            | (138) (9997) |
| Renesas | R5F100GFxFB [LQFP48]       | (2617)       |
| Renesas | R5F100GFxNA [WQFN48]       | (2623)       |
| Renesas | R5F100GGx (ISP)            | (138) (9997) |
| Renesas | R5F100GGXFB [LQFP48]       | (2617)       |
| Renesas | R5F100GGXNA [WQFN48]       | (2623)       |
| Renesas | R5F100GHx (ISP)            | (138) (9997) |
| Renesas | R5F100GHXFB [LQFP48]       | (2617)       |
| Renesas | R5F100GHXNA [WQFN48]       | (2623)       |
| Renesas | R5F100GJx (ISP)            | (138) (9997) |
| Renesas | R5F100GJXFB [LQFP48]       | (2617)       |
| Renesas | R5F100GJXNA [WQFN48]       | (2623)       |
| Renesas | R5F100GKx (ISP)            | (138) (9997) |
| Renesas | R5F100GKXFB [LQFP48]       | (2617)       |
| Renesas | R5F100GKXNA [WQFN48]       | (2623)       |
| Renesas | R5F100GLx (ISP)            | (138) (9997) |
| Renesas | R5F100GLXFB [LQFP48]       | (2617)       |
| Renesas | R5F100GLXNA [WQFN48]       | (2623)       |
| Renesas | R5F100JcX (ISP)            | (138) (9997) |
| Renesas | R5F100JcXFA [LQFP52]       | (2686)       |
| Renesas | R5F100JDX (ISP)            | (138) (9997) |
| Renesas | R5F100JDXFA [LQFP52]       | (2686)       |
| Renesas | R5F100JEX (ISP)            | (138) (9997) |
| Renesas | R5F100JEXFA [LQFP52]       | (2686)       |
| Renesas | R5F100JFX (ISP)            | (138) (9997) |
| Renesas | R5F100JFXFA [LQFP52]       | (2686)       |
| Renesas | R5F100JGx (ISP)            | (138) (9997) |
| Renesas | R5F100JGXFA [LQFP52]       | (2686)       |
| Renesas | R5F100JHx (ISP)            | (138) (9997) |
| Renesas | R5F100JHXFA [LQFP52]       | (2686)       |
| Renesas | R5F100JJx (ISP)            | (138) (9997) |
| Renesas | R5F100JJXFA [LQFP52]       | (2686)       |
| Renesas | R5F100JKx (ISP)            | (138) (9997) |
| Renesas | R5F100JKXFA [LQFP52]       | (2686)       |
| Renesas | R5F100JLx (ISP)            | (138) (9997) |
| Renesas | R5F100JLXFA [LQFP52]       | (2686)       |
| Renesas | R5F100LCx (ISP)            | (138) (9997) |
| Renesas | R5F100LCXBG [FLGA64]       | (2923)       |
| Renesas | R5F100LCXFA [LQFP64 12x12] | (2856)       |
| Renesas | R5F100LCXFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F100LDx (ISP)            | (138) (9997) |

|         |                              |              |
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| Renesas | R5F100LDxBG [FLGA64]         | (2923)       |
| Renesas | R5F100LDxFFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F100LDxFB [LQFP64 10x10]   | (2857)       |
| Renesas | R5F100LEX (ISP)              | (138) (9997) |
| Renesas | R5F100LEXBG [FLGA64]         | (2923)       |
| Renesas | R5F100LEXFA [LQFP64 12x12]   | (2856)       |
| Renesas | R5F100LEXFB [LQFP64 10x10]   | (2857)       |
| Renesas | R5F100LFx (ISP)              | (138) (9997) |
| Renesas | R5F100LFxBG [FLGA64]         | (2923)       |
| Renesas | R5F100LFxFFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F100LFxFB [LQFP64 10x10]   | (2857)       |
| Renesas | R5F100LGx (ISP)              | (138) (9997) |
| Renesas | R5F100LGxBG [FLGA64]         | (2923)       |
| Renesas | R5F100LGxFFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F100LGxFB [LQFP64 10x10]   | (2857)       |
| Renesas | R5F100LHx (ISP)              | (138) (9997) |
| Renesas | R5F100LHxBG [FLGA64]         | (2923)       |
| Renesas | R5F100LHxFFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F100LHxFB [LQFP64 10x10]   | (2857)       |
| Renesas | R5F100LJx (ISP)              | (138) (9997) |
| Renesas | R5F100LJxBG [FLGA64]         | (2923)       |
| Renesas | R5F100LJxFFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F100LJxFB [LQFP64 10x10]   | (2857)       |
| Renesas | R5F100LKx (ISP)              | (138) (9997) |
| Renesas | R5F100LKxFFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F100LKxFB [LQFP64 10x10]   | (2857)       |
| Renesas | R5F100LLx (ISP)              | (138) (9997) |
| Renesas | R5F100LLxFFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F100LLxFB [LQFP64 10x10]   | (2857)       |
| Renesas | R5F100MFx (ISP)              | (138) (9997) |
| Renesas | R5F100MFxFFA [LQFP80 14x14]  | (2861)       |
| Renesas | R5F100MFxFB [LQFP80 12x12]   | (2862)       |
| Renesas | R5F100MGx (ISP)              | (138) (9997) |
| Renesas | R5F100MGxFFA [LQFP80 14x14]  | (2861)       |
| Renesas | R5F100MGxFB [LQFP80 12x12]   | (2862)       |
| Renesas | R5F100MHx (ISP)              | (138) (9997) |
| Renesas | R5F100MHxFFA [LQFP80 14x14]  | (2861)       |
| Renesas | R5F100MHxFB [LQFP80 12x12]   | (2862)       |
| Renesas | R5F100MJx (ISP)              | (138) (9997) |
| Renesas | R5F100MJxFFA [LQFP80 14x14]  | (2861)       |
| Renesas | R5F100MJxFB [LQFP80 12x12]   | (2862)       |
| Renesas | R5F100MKx (ISP)              | (138) (9997) |
| Renesas | R5F100MKxFFA [LQFP80 14x14]  | (2861)       |
| Renesas | R5F100MKxFB [LQFP80 12x12]   | (2862)       |
| Renesas | R5F100MLx (ISP)              | (138) (9997) |
| Renesas | R5F100MLxFFA [LQFP80 14x14]  | (2861)       |
| Renesas | R5F100MLxFB [LQFP80 12x12]   | (2862)       |
| Renesas | R5F100PFx (ISP)              | (138) (9997) |
| Renesas | R5F100PFxFFA [LQFP100 14x20] | (2889)       |
| Renesas | R5F100PFxFB [LQFP100 14x14]  | (2888)       |
| Renesas | R5F100PGx (ISP)              | (138) (9997) |
| Renesas | R5F100PGxFFA [LQFP100 14x20] | (2889)       |
| Renesas | R5F100PGxFB [LQFP100 14x14]  | (2888)       |
| Renesas | R5F100PHx (ISP)              | (138) (9997) |
| Renesas | R5F100PHxFFA [LQFP100 14x20] | (2889)       |
| Renesas | R5F100PHxFB [LQFP100 14x14]  | (2888)       |
| Renesas | R5F100PJx (ISP)              | (138) (9997) |
| Renesas | R5F100PJxFFA [LQFP100 14x20] | (2889)       |
| Renesas | R5F100PJxFB [LQFP100 14x14]  | (2888)       |
| Renesas | R5F100PKx (ISP)              | (138) (9997) |
| Renesas | R5F100PKxFFA [LQFP100 14x20] | (2889)       |
| Renesas | R5F100PKxFB [LQFP100 14x14]  | (2888)       |
| Renesas | R5F100PLx (ISP)              | (138) (9997) |
| Renesas | R5F100PLxFFA [LQFP100 14x20] | (2889)       |
| Renesas | R5F100PLxFB [LQFP100 14x14]  | (2888)       |
| Renesas | R5F100SHx (ISP)              | (138) (9997) |
| Renesas | R5F100SHxFB [LQFP128]        | (2890)       |
| Renesas | R5F100SJx (ISP)              | (138) (9997) |
| Renesas | R5F100SJxFB [LQFP128]        | (2890)       |
| Renesas | R5F100SKx (ISP)              | (138) (9997) |
| Renesas | R5F100SKxFB [LQFP128]        | (2890)       |
| Renesas | R5F100SLx (ISP)              | (138) (9997) |
| Renesas | R5F100SLxFB [LQFP128]        | (2890)       |
| Renesas | R5F1016Ax (ISP)              | (138) (9997) |
| Renesas | R5F1016AxSP [SSOP20]         | (2823)       |
| Renesas | R5F1016Cx (ISP)              | (138) (9997) |
| Renesas | R5F1016CxSP [SSOP20]         | (2823)       |
| Renesas | R5F1016Dx (ISP)              | (138) (9997) |
| Renesas | R5F1016DxSP [SSOP20]         | (2823)       |
| Renesas | R5F1016Ex (ISP)              | (138) (9997) |
| Renesas | R5F1016ExSP [SSOP20]         | (2823)       |
| Renesas | R5F1017Ax (ISP)              | (138) (9997) |
| Renesas | R5F1017AxNA [WQFN24]         | (2717)       |
| Renesas | R5F1017Cx (ISP)              | (138) (9997) |
| Renesas | R5F1017CxNA [WQFN24]         | (2717)       |
| Renesas | R5F1017Dx (ISP)              | (138) (9997) |
| Renesas | R5F1017DxNA [WQFN24]         | (2717)       |
| Renesas | R5F1017Ex (ISP)              | (138) (9997) |
| Renesas | R5F1017ExNA [WQFN24]         | (2717)       |
| Renesas | R5F1018Ax (ISP)              | (138) (9997) |
| Renesas | R5F1018AxLA [FLGA25]         | (2812)       |
| Renesas | R5F1018Cx (ISP)              | (138) (9997) |
| Renesas | R5F1018CxLA [FLGA25]         | (2812)       |
| Renesas | R5F1018Dx (ISP)              | (138) (9997) |
| Renesas | R5F1018DxLA [FLGA25]         | (2812)       |
| Renesas | R5F1018Ex (ISP)              | (138) (9997) |
| Renesas | R5F1018ExLA [FLGA25]         | (2812)       |
| Renesas | R5F101AAx (ISP)              | (138) (9997) |
| Renesas | R5F101AAxSP [SSOP30]         | (2811)       |
| Renesas | R5F101ACx (ISP)              | (138) (9997) |
| Renesas | R5F101ACxSP [SSOP30]         | (2811)       |
| Renesas | R5F101ADx (ISP)              | (138) (9997) |
| Renesas | R5F101ADxSP [SSOP30]         | (2811)       |
| Renesas | R5F101AEx (ISP)              | (138) (9997) |
| Renesas | R5F101AExSP [SSOP30]         | (2811)       |
| Renesas | R5F101AFx (ISP)              | (138) (9997) |
| Renesas | R5F101AFxSP [SSOP30]         | (2811)       |
| Renesas | R5F101AGx (ISP)              | (138) (9997) |
| Renesas | R5F101AGxSP [SSOP30]         | (2811)       |
| Renesas | R5F101Bx (ISP)               | (138) (9997) |
| Renesas | R5F101BxNA [WQFN32]          | (2718)       |
| Renesas | R5F101BCx (ISP)              | (138) (9997) |
| Renesas | R5F101BCxNA [WQFN32]         | (2718)       |
| Renesas | R5F101BDx (ISP)              | (138) (9997) |
| Renesas | R5F101BDxNA [WQFN32]         | (2718)       |
| Renesas | R5F101BEx (ISP)              | (138) (9997) |
| Renesas | R5F101BExNA [WQFN32]         | (2718)       |
| Renesas | R5F101BFx (ISP)              | (138) (9997) |
| Renesas | R5F101BFxNA [WQFN32]         | (2718)       |
| Renesas | R5F101BGx (ISP)              | (138) (9997) |
| Renesas | R5F101BGxNA [WQFN32]         | (2718)       |
| Renesas | R5F101CAx (ISP)              | (138) (9997) |
| Renesas | R5F101CAxLA [FLGA36]         | (2863)       |
| Renesas | R5F101CAD (ISP)              | (138) (9997) |
| Renesas | R5F101CADLA [FLGA36]         | (2863)       |
| Renesas | R5F101CCA (ISP)              | (138) (9997) |
| Renesas | R5F101CCALA [FLGA36]         | (2863)       |
| Renesas | R5F101CCD (ISP)              | (138) (9997) |

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|         |                            |              |
|---------|----------------------------|--------------|
| Renesas | R5F101GJAFB [LQFP48]       | (2617)       |
| Renesas | R5F101GJANA [WQFN48]       | (2623)       |
| Renesas | R5F101GJD (ISP)            | (138) (9997) |
| Renesas | R5F101GJDFB [LQFP48]       | (2617)       |
| Renesas | R5F101GJDNA [WQFN48]       | (2623)       |
| Renesas | R5F101GKA (ISP)            | (138) (9997) |
| Renesas | R5F101GKAFB [LQFP48]       | (2617)       |
| Renesas | R5F101GKANA [WQFN48]       | (2623)       |
| Renesas | R5F101GKD (ISP)            | (138) (9997) |
| Renesas | R5F101GKDFB [LQFP48]       | (2617)       |
| Renesas | R5F101GKDNA [WQFN48]       | (2623)       |
| Renesas | R5F101GLA (ISP)            | (138) (9997) |
| Renesas | R5F101GLAFB [LQFP48]       | (2617)       |
| Renesas | R5F101GLANA [WQFN48]       | (2623)       |
| Renesas | R5F101GLD (ISP)            | (138) (9997) |
| Renesas | R5F101GLDFB [LQFP48]       | (2617)       |
| Renesas | R5F101GLDNA [WQFN48]       | (2623)       |
| Renesas | R5F101JCA (ISP)            | (138) (9997) |
| Renesas | R5F101JCAFA [LQFP52]       | (2686)       |
| Renesas | R5F101JCD (ISP)            | (138) (9997) |
| Renesas | R5F101JCDA [LQFP52]        | (2686)       |
| Renesas | R5F101JDA (ISP)            | (138) (9997) |
| Renesas | R5F101JDAFA [LQFP52]       | (2686)       |
| Renesas | R5F101JDD (ISP)            | (138) (9997) |
| Renesas | R5F101JDDFA [LQFP52]       | (2686)       |
| Renesas | R5F101JEA (ISP)            | (138) (9997) |
| Renesas | R5F101JEAFA [LQFP52]       | (2686)       |
| Renesas | R5F101JED (ISP)            | (138) (9997) |
| Renesas | R5F101JEDFA [LQFP52]       | (2686)       |
| Renesas | R5F101JFA (ISP)            | (138) (9997) |
| Renesas | R5F101JFAFA [LQFP52]       | (2686)       |
| Renesas | R5F101JFD (ISP)            | (138) (9997) |
| Renesas | R5F101JFDFA [LQFP52]       | (2686)       |
| Renesas | R5F101JGA (ISP)            | (138) (9997) |
| Renesas | R5F101JGAFA [LQFP52]       | (2686)       |
| Renesas | R5F101JGD (ISP)            | (138) (9997) |
| Renesas | R5F101JGDFA [LQFP52]       | (2686)       |
| Renesas | R5F101JHA (ISP)            | (138) (9997) |
| Renesas | R5F101JHAFA [LQFP52]       | (2686)       |
| Renesas | R5F101JHD (ISP)            | (138) (9997) |
| Renesas | R5F101JHDA [LQFP52]        | (2686)       |
| Renesas | R5F101JJA (ISP)            | (138) (9997) |
| Renesas | R5F101JJFA [LQFP52]        | (2686)       |
| Renesas | R5F101JJD (ISP)            | (138) (9997) |
| Renesas | R5F101JJDA [LQFP52]        | (2686)       |
| Renesas | R5F101JKA (ISP)            | (138) (9997) |
| Renesas | R5F101JKFA [LQFP52]        | (2686)       |
| Renesas | R5F101JKD (ISP)            | (138) (9997) |
| Renesas | R5F101KDA [LQFP52]         | (2686)       |
| Renesas | R5F101JLA (ISP)            | (138) (9997) |
| Renesas | R5F101JLAFA [LQFP52]       | (2686)       |
| Renesas | R5F101JLD (ISP)            | (138) (9997) |
| Renesas | R5F101JLDA [LQFP52]        | (2686)       |
| Renesas | R5F101LCA (ISP)            | (138) (9997) |
| Renesas | R5F101LCABG [FLGA64]       | (2923)       |
| Renesas | R5F101LCAFA [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LCAFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LCD (ISP)            | (138) (9997) |
| Renesas | R5F101LCDBG [FLGA64]       | (2923)       |
| Renesas | R5F101LCDFA [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LCDFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LDA (ISP)            | (138) (9997) |
| Renesas | R5F101LDABG [FLGA64]       | (2923)       |
| Renesas | R5F101LDAFA [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LDAFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LDD (ISP)            | (138) (9997) |
| Renesas | R5F101LDDBG [FLGA64]       | (2923)       |
| Renesas | R5F101LDDFA [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LDDFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LEA (ISP)            | (138) (9997) |
| Renesas | R5F101LEABG [FLGA64]       | (2923)       |
| Renesas | R5F101LEAFA [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LEAFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LED (ISP)            | (138) (9997) |
| Renesas | R5F101LEDBG [FLGA64]       | (2923)       |
| Renesas | R5F101LEDFA [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LEDFA [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LFA (ISP)            | (138) (9997) |
| Renesas | R5F101LFABG [FLGA64]       | (2923)       |
| Renesas | R5F101LFafa [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LFAFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LFD (ISP)            | (138) (9997) |
| Renesas | R5F101LFDGB [FLGA64]       | (2923)       |
| Renesas | R5F101LFDFA [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LFDFA [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LGA (ISP)            | (138) (9997) |
| Renesas | R5F101LGABG [FLGA64]       | (2923)       |
| Renesas | R5F101LGafa [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LGAFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LGD (ISP)            | (138) (9997) |
| Renesas | R5F101LGDBG [FLGA64]       | (2923)       |
| Renesas | R5F101LGDFa [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LGDFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LHA (ISP)            | (138) (9997) |
| Renesas | R5F101LHABG [FLGA64]       | (2923)       |
| Renesas | R5F101LHAFA [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LHAFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LHD (ISP)            | (138) (9997) |
| Renesas | R5F101LHDBG [FLGA64]       | (2923)       |
| Renesas | R5F101LHDA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F101LHDA [LQFP64 10x10]  | (2857)       |
| Renesas | R5F101LJA (ISP)            | (138) (9997) |
| Renesas | R5F101LJABG [FLGA64]       | (2923)       |
| Renesas | R5F101LJAFA [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LJAFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LJD (ISP)            | (138) (9997) |
| Renesas | R5F101LJDBG [FLGA64]       | (2923)       |
| Renesas | R5F101LJDFA [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LJDFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LKA (ISP)            | (138) (9997) |
| Renesas | R5F101LKAFa [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LKAFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LKD (ISP)            | (138) (9997) |
| Renesas | R5F101LKDA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F101LKDA [LQFP64 10x10]  | (2857)       |
| Renesas | R5F101LLA (ISP)            | (138) (9997) |
| Renesas | R5F101LLAFA [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LLAFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F101LLD (ISP)            | (138) (9997) |
| Renesas | R5F101LLDFA [LQFP64 12x12] | (2856)       |
| Renesas | R5F101LLDFA [LQFP64 10x10] | (2857)       |
| Renesas | R5F101MFA (ISP)            | (138) (9997) |
| Renesas | R5F101MFAFA [LQFP80 14x14] | (2861)       |
| Renesas | R5F101MFAFB [LQFP80 12x12] | (2862)       |
| Renesas | R5F101MFD (ISP)            | (138) (9997) |
| Renesas | R5F101MFDFA [LQFP80 14x14] | (2861)       |
| Renesas | R5F101MFDFA [LQFP80 12x12] | (2862)       |
| Renesas | R5F101MGA (ISP)            | (138) (9997) |

|         |                             |              |
|---------|-----------------------------|--------------|
| Renesas | R5F101MGAFB [LQFP80 14x14]  | (2861)       |
| Renesas | R5F101MGAFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F101MGD (ISP)             | (138) (9997) |
| Renesas | R5F101MGDFA [LQFP80 14x14]  | (2861)       |
| Renesas | R5F101MGDFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F101MHA (ISP)             | (138) (9997) |
| Renesas | R5F101MHAFB [LQFP80 14x14]  | (2861)       |
| Renesas | R5F101MHAFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F101MHD (ISP)             | (138) (9997) |
| Renesas | R5F101MHDFA [LQFP80 14x14]  | (2861)       |
| Renesas | R5F101MHDFA [LQFP80 12x12]  | (2862)       |
| Renesas | R5F101MJA (ISP)             | (138) (9997) |
| Renesas | R5F101MJAFB [LQFP80 14x14]  | (2861)       |
| Renesas | R5F101MJAFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F101MJD (ISP)             | (138) (9997) |
| Renesas | R5F101MJDFA [LQFP80 14x14]  | (2861)       |
| Renesas | R5F101MJDFA [LQFP80 12x12]  | (2862)       |
| Renesas | R5F101MKA (ISP)             | (138) (9997) |
| Renesas | R5F101MKAFB [LQFP80 14x14]  | (2861)       |
| Renesas | R5F101MKAFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F101MKD (ISP)             | (138) (9997) |
| Renesas | R5F101MKDFA [LQFP80 14x14]  | (2861)       |
| Renesas | R5F101MKDFA [LQFP80 12x12]  | (2862)       |
| Renesas | R5F101MLA (ISP)             | (138) (9997) |
| Renesas | R5F101MLAFB [LQFP80 14x14]  | (2861)       |
| Renesas | R5F101MLAFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F101MLD (ISP)             | (138) (9997) |
| Renesas | R5F101MLDFA [LQFP80 14x14]  | (2861)       |
| Renesas | R5F101MLDFA [LQFP80 12x12]  | (2862)       |
| Renesas | R5F101PFA (ISP)             | (138) (9997) |
| Renesas | R5F101PFAFA [LQFP100 14x20] | (2889)       |
| Renesas | R5F101PFAFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F101PFD (ISP)             | (138) (9997) |
| Renesas | R5F101PFDFA [LQFP100 14x20] | (2889)       |
| Renesas | R5F101PFDFA [LQFP100 14x14] | (2888)       |
| Renesas | R5F101PGA (ISP)             | (138) (9997) |
| Renesas | R5F101PGAFB [LQFP100 14x20] | (2889)       |
| Renesas | R5F101PGAFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F101PGD (ISP)             | (138) (9997) |
| Renesas | R5F101PGDFA [LQFP100 14x20] | (2889)       |
| Renesas | R5F101PGDFA [LQFP100 14x14] | (2888)       |
| Renesas | R5F101PHD (ISP)             | (138) (9997) |
| Renesas | R5F101PHDFA [LQFP100 14x20] | (2889)       |
| Renesas | R5F101PHDFA [LQFP100 14x14] | (2888)       |
| Renesas | R5F101PHDFA [LQFP100 14x14] | (2888)       |
| Renesas | R5F101PJA (ISP)             | (138) (9997) |
| Renesas | R5F101PJAFB [LQFP100 14x20] | (2889)       |
| Renesas | R5F101PJAFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F101PJD (ISP)             | (138) (9997) |
| Renesas | R5F101PJDFB [LQFP100 14x20] | (2889)       |
| Renesas | R5F101PJDFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F101PKA (ISP)             | (138) (9997) |
| Renesas | R5F101PKAFB [LQFP100 14x20] | (2889)       |
| Renesas | R5F101PKAFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F101PKD (ISP)             | (138) (9997) |
| Renesas | R5F101PKDFA [LQFP100 14x20] | (2889)       |
| Renesas | R5F101PKDFA [LQFP100 14x14] | (2888)       |
| Renesas | R5F101PLA (ISP)             | (138) (9997) |
| Renesas | R5F101PLAFB [LQFP100 14x20] | (2889)       |
| Renesas | R5F101PLAFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F101PLD (ISP)             | (138) (9997) |
| Renesas | R5F101PLDFA [LQFP100 14x20] | (2889)       |
| Renesas | R5F101PLDFA [LQFP100 14x14] | (2888)       |
| Renesas | R5F101SHA (ISP)             | (138) (9997) |
| Renesas | R5F101SHAFB [LQFP128]       | (2890)       |
| Renesas | R5F101SHD (ISP)             | (138) (9997) |
| Renesas | R5F101SHDFB [LQFP128]       | (2890)       |
| Renesas | R5F101SJA (ISP)             | (138) (9997) |
| Renesas | R5F101SJAFB [LQFP128]       | (2890)       |
| Renesas | R5F101SJD (ISP)             | (138) (9997) |
| Renesas | R5F101SJDFA [LQFP128]       | (2890)       |
| Renesas | R5F101SKA (ISP)             | (138) (9997) |
| Renesas | R5F101SKAFB [LQFP128]       | (2890)       |
| Renesas | R5F101SKD (ISP)             | (138) (9997) |
| Renesas | R5F101SKDFA [LQFP128]       | (2890)       |
| Renesas | R5F101SLA (ISP)             | (138) (9997) |
| Renesas | R5F101SLAFB [LQFP128]       | (2890)       |
| Renesas | R5F101SLD (ISP)             | (138) (9997) |
| Renesas | R5F101SLDFA [LQFP128]       | (2890)       |
| Renesas | R5F10266A (ISP)             | (138) (9997) |
| Renesas | R5F10266ASP [SSOP20]        | (2824)       |
| Renesas | R5F10266D (ISP)             | (138) (9997) |
| Renesas | R5F10266DSP [SSOP20]        | (2824)       |
| Renesas | R5F10266G (ISP)             | (138) (9997) |
| Renesas | R5F10266GSP [SSOP20]        | (2824)       |
| Renesas | R5F10267A (ISP)             | (138) (9997) |
| Renesas | R5F10267ASP [SSOP20]        | (2824)       |
| Renesas | R5F10267D (ISP)             | (138) (9997) |
| Renesas | R5F10267DSP [SSOP20]        | (2824)       |
| Renesas | R5F10267G (ISP)             | (138) (9997) |
| Renesas | R5F10267GSP [SSOP20]        | (2824)       |
| Renesas | R5F10268A (ISP)             | (138) (9997) |
| Renesas | R5F10268ASP [SSOP20]        | (2824)       |
| Renesas | R5F10268D (ISP)             | (138) (9997) |
| Renesas | R5F10268DSP [SSOP20]        | (2824)       |
| Renesas | R5F10268G (ISP)             | (138) (9997) |
| Renesas | R5F10268GSP [SSOP20]        | (2824)       |
| Renesas | R5F10269A (ISP)             | (138) (9997) |
| Renesas | R5F10269ASP [SSOP20]        | (2824)       |
| Renesas | R5F10269D (ISP)             | (138) (9997) |
| Renesas | R5F10269DSP [SSOP20]        | (2824)       |
| Renesas | R5F10269G (ISP)             | (138) (9997) |
| Renesas | R5F10269GSP [SSOP20]        | (2824)       |
| Renesas | R5F1026AA (ISP)             | (138) (9997) |
| Renesas | R5F1026AASP [SSOP20]        | (2824)       |
| Renesas | R5F1026AD (ISP)             | (138) (9997) |
| Renesas | R5F1026ADSP [SSOP20]        | (2824)       |
| Renesas | R5F1026AG (ISP)             | (138) (9997) |
| Renesas | R5F1026AGSP [SSOP20]        | (2824)       |
| Renesas | R5F10277A (ISP)             | (138) (9997) |
| Renesas | R5F10277ANA [WQFN24]        | (2717)       |
| Renesas | R5F10277D (ISP)             | (138) (9997) |
| Renesas | R5F10277DNA [WQFN24]        | (2717)       |
| Renesas | R5F10277G (ISP)             | (138) (9997) |
| Renesas | R5F10277GNA [WQFN24]        | (2717)       |
| Renesas | R5F10278A (ISP)             | (138) (9997) |
| Renesas | R5F10278ANA [WQFN24]        | (2717)       |
| Renesas | R5F10278D (ISP)             | (138) (9997) |
| Renesas | R5F10278DNA [WQFN24]        | (2717)       |
| Renesas | R5F10278G (ISP)             | (138) (9997) |
| Renesas | R5F10278GNA [WQFN24]        | (2717)       |
| Renesas | R5F10279A (ISP)             | (138) (9997) |
| Renesas | R5F10279ANA [WQFN24]        | (2717)       |
| Renesas | R5F10279D (ISP)             | (138) (9997) |
| Renesas | R5F10279DNA [WQFN24]        | (2717)       |
| Renesas | R5F10279G (ISP)             | (138) (9997) |

|         |                       |              |
|---------|-----------------------|--------------|
| Renesas | R5F10279GNA [WQFN24]  | (2717)       |
| Renesas | R5F1027AA (ISP)       | (138) (9997) |
| Renesas | R5F1027AANA [WQFN24]  | (2717)       |
| Renesas | R5F1027AD (ISP)       | (138) (9997) |
| Renesas | R5F1027ADNA [WQFN24]  | (2717)       |
| Renesas | R5F1027AG (ISP)       | (138) (9997) |
| Renesas | R5F1027AGNA [WQFN24]  | (2717)       |
| Renesas | R5F102A7A (ISP)       | (138) (9997) |
| Renesas | R5F102A7ASP [SSOP30]  | (2811)       |
| Renesas | R5F102A7D (ISP)       | (138) (9997) |
| Renesas | R5F102A7DSP [SSOP30]  | (2811)       |
| Renesas | R5F102A7G (ISP)       | (138) (9997) |
| Renesas | R5F102A7GSP [SSOP30]  | (2811)       |
| Renesas | R5F102A8A (ISP)       | (138) (9997) |
| Renesas | R5F102A8ASP [SSOP30]  | (2811)       |
| Renesas | R5F102A8D (ISP)       | (138) (9997) |
| Renesas | R5F102A8DSP [SSOP30]  | (2811)       |
| Renesas | R5F102A8G (ISP)       | (138) (9997) |
| Renesas | R5F102A8GSP [SSOP30]  | (2811)       |
| Renesas | R5F102A9A (ISP)       | (138) (9997) |
| Renesas | R5F102A9ASP [SSOP30]  | (2811)       |
| Renesas | R5F102A9D (ISP)       | (138) (9997) |
| Renesas | R5F102A9DSP [SSOP30]  | (2811)       |
| Renesas | R5F102A9G (ISP)       | (138) (9997) |
| Renesas | R5F102A9GSP [SSOP30]  | (2811)       |
| Renesas | R5F102AAA (ISP)       | (138) (9997) |
| Renesas | R5F102AAAASP [SSOP30] | (2811)       |
| Renesas | R5F102AAD (ISP)       | (138) (9997) |
| Renesas | R5F102AADSP [SSOP30]  | (2811)       |
| Renesas | R5F102AAG (ISP)       | (138) (9997) |
| Renesas | R5F102AAGSP [SSOP30]  | (2811)       |
| Renesas | R5F10366A (ISP)       | (138) (9997) |
| Renesas | R5F10366ASP [SSOP20]  | (2824)       |
| Renesas | R5F10366D (ISP)       | (138) (9997) |
| Renesas | R5F10366DSP [SSOP20]  | (2824)       |
| Renesas | R5F10367A (ISP)       | (138) (9997) |
| Renesas | R5F10367ASP [SSOP20]  | (2824)       |
| Renesas | R5F10367D (ISP)       | (138) (9997) |
| Renesas | R5F10367DSP [SSOP20]  | (2824)       |
| Renesas | R5F10368A (ISP)       | (138) (9997) |
| Renesas | R5F10368ASP [SSOP20]  | (2824)       |
| Renesas | R5F10368D (ISP)       | (138) (9997) |
| Renesas | R5F10368DSP [SSOP20]  | (2824)       |
| Renesas | R5F10369A (ISP)       | (138) (9997) |
| Renesas | R5F10369ASP [SSOP20]  | (2824)       |
| Renesas | R5F10369D (ISP)       | (138) (9997) |
| Renesas | R5F10369DSP [SSOP20]  | (2824)       |
| Renesas | R5F1036AA (ISP)       | (138) (9997) |
| Renesas | R5F1036AASP [SSOP20]  | (2824)       |
| Renesas | R5F1036AD (ISP)       | (138) (9997) |
| Renesas | R5F1036ADSP [SSOP20]  | (2824)       |
| Renesas | R5F10377A (ISP)       | (138) (9997) |
| Renesas | R5F10377ANA [WQFN24]  | (2717)       |
| Renesas | R5F10377D (ISP)       | (138) (9997) |
| Renesas | R5F10377DNA [WQFN24]  | (2717)       |
| Renesas | R5F10378A (ISP)       | (138) (9997) |
| Renesas | R5F10378ANA [WQFN24]  | (2717)       |
| Renesas | R5F10378D (ISP)       | (138) (9997) |
| Renesas | R5F10378DNA [WQFN24]  | (2717)       |
| Renesas | R5F10379A (ISP)       | (138) (9997) |
| Renesas | R5F10379ANA [WQFN24]  | (2717)       |
| Renesas | R5F10379D (ISP)       | (138) (9997) |
| Renesas | R5F10379DNA [WQFN24]  | (2717)       |
| Renesas | R5F1037AA (ISP)       | (138) (9997) |
| Renesas | R5F1037AANA [WQFN24]  | (2717)       |
| Renesas | R5F1037AD (ISP)       | (138) (9997) |
| Renesas | R5F1037ADNA [WQFN24]  | (2717)       |
| Renesas | R5F103A7A (ISP)       | (138) (9997) |
| Renesas | R5F103A7ASP [SSOP30]  | (2811)       |
| Renesas | R5F103A7D (ISP)       | (138) (9997) |
| Renesas | R5F103A7DSP [SSOP30]  | (2811)       |
| Renesas | R5F103A8A (ISP)       | (138) (9997) |
| Renesas | R5F103A8ASP [SSOP30]  | (2811)       |
| Renesas | R5F103A8D (ISP)       | (138) (9997) |
| Renesas | R5F103A8DSP [SSOP30]  | (2811)       |
| Renesas | R5F103A9A (ISP)       | (138) (9997) |
| Renesas | R5F103A9ASP [SSOP30]  | (2811)       |
| Renesas | R5F103A9D (ISP)       | (138) (9997) |
| Renesas | R5F103A9DSP [SSOP30]  | (2811)       |
| Renesas | R5F103AAA (ISP)       | (138) (9997) |
| Renesas | R5F103AAAASP [SSOP30] | (2811)       |
| Renesas | R5F103AAD (ISP)       | (138) (9997) |
| Renesas | R5F103AADSP [SSOP30]  | (2811)       |
| Renesas | R5F104AAA (ISP)       | (138) (9997) |
| Renesas | R5F104AAAASP [SSOP30] | (2811)       |
| Renesas | R5F104AAD (ISP)       | (138) (9997) |
| Renesas | R5F104AADSP [SSOP30]  | (2811)       |
| Renesas | R5F104AAG (ISP)       | (138) (9997) |
| Renesas | R5F104AAGSP [SSOP30]  | (2811)       |
| Renesas | R5F104ACA (ISP)       | (138) (9997) |
| Renesas | R5F104ACASP [SSOP30]  | (2811)       |
| Renesas | R5F104ACD (ISP)       | (138) (9997) |
| Renesas | R5F104ACDSP [SSOP30]  | (2811)       |
| Renesas | R5F104ACG (ISP)       | (138) (9997) |
| Renesas | R5F104ACGSP [SSOP30]  | (2811)       |
| Renesas | R5F104ADA (ISP)       | (138) (9997) |
| Renesas | R5F104ADASP [SSOP30]  | (2811)       |
| Renesas | R5F104ADD (ISP)       | (138) (9997) |
| Renesas | R5F104ADDSP [SSOP30]  | (2811)       |
| Renesas | R5F104ADG (ISP)       | (138) (9997) |
| Renesas | R5F104ADGSP [SSOP30]  | (2811)       |
| Renesas | R5F104AEA (ISP)       | (138) (9997) |
| Renesas | R5F104AEASP [SSOP30]  | (2811)       |
| Renesas | R5F104AED (ISP)       | (138) (9997) |
| Renesas | R5F104AEDSP [SSOP30]  | (2811)       |
| Renesas | R5F104AEG (ISP)       | (138) (9997) |
| Renesas | R5F104AEGSP [SSOP30]  | (2811)       |
| Renesas | R5F104AFA (ISP)       | (138) (9997) |
| Renesas | R5F104AFASP [SSOP30]  | (2811)       |
| Renesas | R5F104AFD (ISP)       | (138) (9997) |
| Renesas | R5F104AFDSP [SSOP30]  | (2811)       |
| Renesas | R5F104AFG (ISP)       | (138) (9997) |
| Renesas | R5F104AFGSP [SSOP30]  | (2811)       |
| Renesas | R5F104AGA (ISP)       | (138) (9997) |
| Renesas | R5F104AGASP [SSOP30]  | (2811)       |
| Renesas | R5F104AGD (ISP)       | (138) (9997) |
| Renesas | R5F104AGDSP [SSOP30]  | (2811)       |
| Renesas | R5F104AGG (ISP)       | (138) (9997) |
| Renesas | R5F104AGGSP [SSOP30]  | (2811)       |
| Renesas | R5F104BAA (ISP)       | (138) (9997) |
| Renesas | R5F104BAAFP [LQFP32]  | (2741)       |
| Renesas | R5F104BAANA [WQFN32]  | (2718)       |
| Renesas | R5F104BAD (ISP)       | (138) (9997) |
| Renesas | R5F104BADFP [LQFP32]  | (2741)       |
| Renesas | R5F104BADNA [WQFN32]  | (2718)       |
| Renesas | R5F104BAG (ISP)       | (138) (9997) |
| Renesas | R5F104BAGFP [LQFP32]  | (2741)       |
| Renesas | R5F104BAGNA [WQFN32]  | (2718)       |

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|         |                 |                 |              |
|---------|-----------------|-----------------|--------------|
| Renesas | R5F104LJAFA     | [LQFP64 12x12]  | (2856)       |
| Renesas | R5F104LJAFB     | [LQFP64 10x10]  | (2857)       |
| Renesas | R5F104LJAFF     | [LQFP64 14x14]  | (2858)       |
| Renesas | R5F104LJALA     | [FLGA64]        | (2943)       |
| Renesas | R5F104LJD (ISP) |                 | (138) (9997) |
| Renesas | R5F104LJDFA     | [LQFP64 12x12]  | (2856)       |
| Renesas | R5F104LJDFB     | [LQFP64 10x10]  | (2857)       |
| Renesas | R5F104LJDFF     | [LQFP64 14x14]  | (2858)       |
| Renesas | R5F104LJDLA     | [FLGA64]        | (2943)       |
| Renesas | R5F104LJG (ISP) |                 | (138) (9997) |
| Renesas | R5F104LJGFA     | [LQFP64 12x12]  | (2856)       |
| Renesas | R5F104LJGFB     | [LQFP64 10x10]  | (2857)       |
| Renesas | R5F104LJGFF     | [LQFP64 14x14]  | (2858)       |
| Renesas | R5F104LJGLA     | [FLGA64]        | (2943)       |
| Renesas | R5F104LKA (ISP) |                 | (138) (9997) |
| Renesas | R5F104LKAFB     | [LQFP64 12x12]  | (2856)       |
| Renesas | R5F104LKAFB     | [LQFP64 10x10]  | (2857)       |
| Renesas | R5F104LKALA     | [FLGA64]        | (2943)       |
| Renesas | R5F104LKG (ISP) |                 | (138) (9997) |
| Renesas | R5F104LKGFA     | [LQFP64 12x12]  | (2856)       |
| Renesas | R5F104LKGFB     | [LQFP64 10x10]  | (2857)       |
| Renesas | R5F104LKGGLA    | [FLGA64]        | (2943)       |
| Renesas | R5F104LLA (ISP) |                 | (138) (9997) |
| Renesas | R5F104LLAFA     | [LQFP64 12x12]  | (2856)       |
| Renesas | R5F104LLAFB     | [LQFP64 10x10]  | (2857)       |
| Renesas | R5F104LLALA     | [FLGA64]        | (2943)       |
| Renesas | R5F104LLG (ISP) |                 | (138) (9997) |
| Renesas | R5F104LLGFA     | [LQFP64 12x12]  | (2856)       |
| Renesas | R5F104LLGFB     | [LQFP64 10x10]  | (2857)       |
| Renesas | R5F104LLGLA     | [FLGA64]        | (2943)       |
| Renesas | R5F104MFA (ISP) |                 | (138) (9997) |
| Renesas | R5F104MFAFA     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MFAFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MFD (ISP) |                 | (138) (9997) |
| Renesas | R5F104MFDFA     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MFDFF     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MFG (ISP) |                 | (138) (9997) |
| Renesas | R5F104MFGFA     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MFGFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MGA (ISP) |                 | (138) (9997) |
| Renesas | R5F104MGFA      | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MGAFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MGD (ISP) |                 | (138) (9997) |
| Renesas | R5F104MGDFA     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MGDFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MGG (ISP) |                 | (138) (9997) |
| Renesas | R5F104MGGFA     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MGGFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MHA (ISP) |                 | (138) (9997) |
| Renesas | R5F104MHAFA     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MHAFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MHD (ISP) |                 | (138) (9997) |
| Renesas | R5F104MHDFA     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MHDFF     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MHG (ISP) |                 | (138) (9997) |
| Renesas | R5F104MHGFA     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MHGFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MJA (ISP) |                 | (138) (9997) |
| Renesas | R5F104MJFA      | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MJAFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MJD (ISP) |                 | (138) (9997) |
| Renesas | R5F104MJDFA     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MJDFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MJG (ISP) |                 | (138) (9997) |
| Renesas | R5F104MJGFA     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MJGFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MKA (ISP) |                 | (138) (9997) |
| Renesas | R5F104MKAFB     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MKAFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MKG (ISP) |                 | (138) (9997) |
| Renesas | R5F104MKGFA     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MKGFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MLA (ISP) |                 | (138) (9997) |
| Renesas | R5F104MLAFA     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MLAFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104MLG (ISP) |                 | (138) (9997) |
| Renesas | R5F104MLGFA     | [LQFP80 14x14]  | (2861)       |
| Renesas | R5F104MLGFB     | [LQFP80 12x12]  | (2862)       |
| Renesas | R5F104PFA (ISP) |                 | (138) (9997) |
| Renesas | R5F104PFAFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PFAFB     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PFD (ISP) |                 | (138) (9997) |
| Renesas | R5F104PFDFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PFDFF     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PFG (ISP) |                 | (138) (9997) |
| Renesas | R5F104PFGFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PFGFB     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PGA (ISP) |                 | (138) (9997) |
| Renesas | R5F104PGAFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PGAFB     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PGD (ISP) |                 | (138) (9997) |
| Renesas | R5F104PGDFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PGDFB     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PGG (ISP) |                 | (138) (9997) |
| Renesas | R5F104PGGFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PGGFB     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PHA (ISP) |                 | (138) (9997) |
| Renesas | R5F104PHAFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PHAFB     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PHD (ISP) |                 | (138) (9997) |
| Renesas | R5F104PHDFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PHDFF     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PHG (ISP) |                 | (138) (9997) |
| Renesas | R5F104PHGFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PHGFB     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PJA (ISP) |                 | (138) (9997) |
| Renesas | R5F104PJFA      | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PJAFB     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PJD (ISP) |                 | (138) (9997) |
| Renesas | R5F104PJDDFA    | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PJDDFF    | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PJG (ISP) |                 | (138) (9997) |
| Renesas | R5F104PJGFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PJGFB     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PKA (ISP) |                 | (138) (9997) |
| Renesas | R5F104PKAFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PKAFB     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PKG (ISP) |                 | (138) (9997) |
| Renesas | R5F104PKGFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PKGFB     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PLA (ISP) |                 | (138) (9997) |
| Renesas | R5F104PLAFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PLAFB     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F104PLG (ISP) |                 | (138) (9997) |
| Renesas | R5F104PLGFA     | [LQFP100 14x20] | (2889)       |
| Renesas | R5F104PLGFB     | [LQFP100 14x14] | (2888)       |
| Renesas | R5F1056AX (ISP) |                 | (138) (9997) |
| Renesas | R5F1056AXSP     | [SSOP20]        | (3218)       |

|         |                            |              |
|---------|----------------------------|--------------|
| Renesas | R5F1057Ax (ISP)            | (138) (9997) |
| Renesas | R5F1057AxNA [HWQFN24 4x4]  | (2717)       |
| Renesas | R5F1058Ax (ISP)            | (138) (9997) |
| Renesas | R5F1058AxLA [WFLGA25 3x3]  | (2812)       |
| Renesas | R5F1076CG (ISP)            | (138) (9997) |
| Renesas | R5F1076CGSP [SSOP20]       | (3218)       |
| Renesas | R5F1076CM (ISP)            | (138) (9997) |
| Renesas | R5F1076CMSP [SSOP20]       | (3218)       |
| Renesas | R5F10968J (ISP)            | (138) (9997) |
| Renesas | R5F10968JSP [SSOP20]       | (2823)       |
| Renesas | R5F10968K (ISP)            | (138) (9997) |
| Renesas | R5F10968KSP [SSOP20]       | (2823)       |
| Renesas | R5F1096AJ (ISP)            | (138) (9997) |
| Renesas | R5F1096AJSP [SSOP20]       | (2823)       |
| Renesas | R5F1096AK (ISP)            | (138) (9997) |
| Renesas | R5F1096AKSP [SSOP20]       | (2823)       |
| Renesas | R5F1096BJ (ISP)            | (138) (9997) |
| Renesas | R5F1096BJSP [SSOP20]       | (2823)       |
| Renesas | R5F1096BK (ISP)            | (138) (9997) |
| Renesas | R5F1096BKSP [SSOP20]       | (2823)       |
| Renesas | R5F1096CJ (ISP)            | (138) (9997) |
| Renesas | R5F1096CJSP [SSOP20]       | (2823)       |
| Renesas | R5F1096CK (ISP)            | (138) (9997) |
| Renesas | R5F1096CKSP [SSOP20]       | (2823)       |
| Renesas | R5F1096DJ (ISP)            | (138) (9997) |
| Renesas | R5F1096DJSP [SSOP20]       | (2823)       |
| Renesas | R5F1096DK (ISP)            | (138) (9997) |
| Renesas | R5F1096DKSP [SSOP20]       | (2823)       |
| Renesas | R5F1096EJ (ISP)            | (138) (9997) |
| Renesas | R5F1096EJSP [SSOP20]       | (2823)       |
| Renesas | R5F1096EK (ISP)            | (138) (9997) |
| Renesas | R5F1096EKSP [SSOP20]       | (2823)       |
| Renesas | R5F109AAJ (ISP)            | (138) (9997) |
| Renesas | R5F109AAJSP [SSOP30]       | (2811)       |
| Renesas | R5F109AAK (ISP)            | (138) (9997) |
| Renesas | R5F109AAKSP [SSOP30]       | (2811)       |
| Renesas | R5F109ABJ (ISP)            | (138) (9997) |
| Renesas | R5F109ABJSP [SSOP30]       | (2811)       |
| Renesas | R5F109ABK (ISP)            | (138) (9997) |
| Renesas | R5F109ABKSP [SSOP30]       | (2811)       |
| Renesas | R5F109ACJ (ISP)            | (138) (9997) |
| Renesas | R5F109ACJSP [SSOP30]       | (2811)       |
| Renesas | R5F109ACK (ISP)            | (138) (9997) |
| Renesas | R5F109ACKSP [SSOP30]       | (2811)       |
| Renesas | R5F109ADJ (ISP)            | (138) (9997) |
| Renesas | R5F109ADJSP [SSOP30]       | (2811)       |
| Renesas | R5F109ADK (ISP)            | (138) (9997) |
| Renesas | R5F109ADKSP [SSOP30]       | (2811)       |
| Renesas | R5F109AEJ (ISP)            | (138) (9997) |
| Renesas | R5F109AEJSP [SSOP30]       | (2811)       |
| Renesas | R5F109AEK (ISP)            | (138) (9997) |
| Renesas | R5F109AEKSP [SSOP30]       | (2811)       |
| Renesas | R5F109BAJ (ISP)            | (138) (9997) |
| Renesas | R5F109BAJNA [WQFN32]       | (2718)       |
| Renesas | R5F109BAK (ISP)            | (138) (9997) |
| Renesas | R5F109BAKNA [WQFN32]       | (2718)       |
| Renesas | R5F109BBJ (ISP)            | (138) (9997) |
| Renesas | R5F109BBJNA [WQFN32]       | (2718)       |
| Renesas | R5F109BBK (ISP)            | (138) (9997) |
| Renesas | R5F109BBKNA [WQFN32]       | (2718)       |
| Renesas | R5F109BCJ (ISP)            | (138) (9997) |
| Renesas | R5F109BCJNA [WQFN32]       | (2718)       |
| Renesas | R5F109BCK (ISP)            | (138) (9997) |
| Renesas | R5F109BCKNA [WQFN32]       | (2718)       |
| Renesas | R5F109BDJ (ISP)            | (138) (9997) |
| Renesas | R5F109BDJNA [WQFN32]       | (2718)       |
| Renesas | R5F109BDK (ISP)            | (138) (9997) |
| Renesas | R5F109BDKNA [WQFN32]       | (2718)       |
| Renesas | R5F109BEJ (ISP)            | (138) (9997) |
| Renesas | R5F109BEJNA [WQFN32]       | (2718)       |
| Renesas | R5F109BEK (ISP)            | (138) (9997) |
| Renesas | R5F109BEKNA [WQFN32]       | (2718)       |
| Renesas | R5F109GAJ (ISP)            | (138) (9997) |
| Renesas | R5F109GAJFB [LQFP48]       | (2617)       |
| Renesas | R5F109GAJNA [WQFN48]       | (2623)       |
| Renesas | R5F109GAK (ISP)            | (138) (9997) |
| Renesas | R5F109GAKFB [LQFP48]       | (2617)       |
| Renesas | R5F109GAKNA [WQFN48]       | (2623)       |
| Renesas | R5F109GBJ (ISP)            | (138) (9997) |
| Renesas | R5F109GBJFB [LQFP48]       | (2617)       |
| Renesas | R5F109GBJNA [WQFN48]       | (2623)       |
| Renesas | R5F109GBK (ISP)            | (138) (9997) |
| Renesas | R5F109GBKFB [LQFP48]       | (2617)       |
| Renesas | R5F109GBKNA [WQFN48]       | (2623)       |
| Renesas | R5F109GCJ (ISP)            | (138) (9997) |
| Renesas | R5F109GCJFB [LQFP48]       | (2617)       |
| Renesas | R5F109GCJNA [WQFN48]       | (2623)       |
| Renesas | R5F109GCK (ISP)            | (138) (9997) |
| Renesas | R5F109GCKFB [LQFP48]       | (2617)       |
| Renesas | R5F109GCKNA [WQFN48]       | (2623)       |
| Renesas | R5F109GDJ (ISP)            | (138) (9997) |
| Renesas | R5F109GDJFB [LQFP48]       | (2617)       |
| Renesas | R5F109GDJNA [WQFN48]       | (2623)       |
| Renesas | R5F109GDK (ISP)            | (138) (9997) |
| Renesas | R5F109GDKFB [LQFP48]       | (2617)       |
| Renesas | R5F109GDKNA [WQFN48]       | (2623)       |
| Renesas | R5F109GEJ (ISP)            | (138) (9997) |
| Renesas | R5F109GEJFB [LQFP48]       | (2617)       |
| Renesas | R5F109GEJNA [WQFN48]       | (2623)       |
| Renesas | R5F109GEK (ISP)            | (138) (9997) |
| Renesas | R5F109GEKFB [LQFP48]       | (2617)       |
| Renesas | R5F109GEKNA [WQFN48]       | (2623)       |
| Renesas | R5F109LAJ (ISP)            | (138) (9997) |
| Renesas | R5F109LAJFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F109LAK (ISP)            | (138) (9997) |
| Renesas | R5F109LAKFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F109LBJ (ISP)            | (138) (9997) |
| Renesas | R5F109LBJFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F109LBK (ISP)            | (138) (9997) |
| Renesas | R5F109LBKFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F109LCJ (ISP)            | (138) (9997) |
| Renesas | R5F109LCJFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F109LCK (ISP)            | (138) (9997) |
| Renesas | R5F109LCKFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F109LDJ (ISP)            | (138) (9997) |
| Renesas | R5F109LDJFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F109LDK (ISP)            | (138) (9997) |
| Renesas | R5F109LDKFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F109LEJ (ISP)            | (138) (9997) |
| Renesas | R5F109LEJFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F109LEK (ISP)            | (138) (9997) |
| Renesas | R5F109LEKFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10ABAK (ISP)            | (138) (9997) |
| Renesas | R5F10ABAKNA [WQFN32]       | (3285)       |
| Renesas | R5F10ABAL (ISP)            | (138) (9997) |
| Renesas | R5F10ABALNA [WQFN32]       | (3285)       |
| Renesas | R5F10ABAY (ISP)            | (138) (9997) |
| Renesas | R5F10ABAYNA [WQFN32]       | (3285)       |



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|         |                             |              |
|---------|-----------------------------|--------------|
| Renesas | R5F108GEYNA [WQFN48]        | (3216)       |
| Renesas | R5F108GFx (ISP)             | (138) (9997) |
| Renesas | R5F108GFx FB [LQFP48]       | (3077)       |
| Renesas | R5F108GFxNA [WQFN48]        | (3216)       |
| Renesas | R5F108GGK (ISP)             | (138) (9997) |
| Renesas | R5F108GGKFB [LQFP48]        | (3077)       |
| Renesas | R5F108GGKNA [WQFN48]        | (3216)       |
| Renesas | R5F108GGL (ISP)             | (138) (9997) |
| Renesas | R5F108GGLFB [LQFP48]        | (3077)       |
| Renesas | R5F108GGLNA [WQFN48]        | (3216)       |
| Renesas | R5F108GGY (ISP)             | (138) (9997) |
| Renesas | R5F108GGYFB [LQFP48]        | (3077)       |
| Renesas | R5F108GGYNA [WQFN48]        | (3216)       |
| Renesas | R5F108MEK (ISP)             | (138) (9997) |
| Renesas | R5F108MEKFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F108MEL (ISP)             | (138) (9997) |
| Renesas | R5F108MELFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F108MEY (ISP)             | (138) (9997) |
| Renesas | R5F108MEYFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F108MFK (ISP)             | (138) (9997) |
| Renesas | R5F108MFKFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F108MFL (ISP)             | (138) (9997) |
| Renesas | R5F108MFLFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F108MFY (ISP)             | (138) (9997) |
| Renesas | R5F108MFYFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F108MGK (ISP)             | (138) (9997) |
| Renesas | R5F108MGKFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F108MGL (ISP)             | (138) (9997) |
| Renesas | R5F108MGLFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F108MGY (ISP)             | (138) (9997) |
| Renesas | R5F108MGYFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F10CLDJ (ISP)             | (138) (9997) |
| Renesas | R5F10CLDJFB [LQFP64 10x10]  | (4603)       |
| Renesas | R5F10CLDL (ISP)             | (138) (9997) |
| Renesas | R5F10CLDLFB [LQFP64 10x10]  | (4603)       |
| Renesas | R5F10DPEJ (ISP)             | (138) (9997) |
| Renesas | R5F10DPEJFB [LQFP100 14x14] | (3637)       |
| Renesas | R5F10DPEL (ISP)             | (138) (9997) |
| Renesas | R5F10DPELFB [LQFP100 14x14] | (3637)       |
| Renesas | R5F10DPFJ (ISP)             | (138) (9997) |
| Renesas | R5F10DPFJFB [LQFP100 14x14] | (3637)       |
| Renesas | R5F10DPFL (ISP)             | (138) (9997) |
| Renesas | R5F10DPFLFB [LQFP100 14x14] | (3637)       |
| Renesas | R5F10DPGJ (ISP)             | (138) (9997) |
| Renesas | R5F10DPGJFB [LQFP100 14x14] | (3637)       |
| Renesas | R5F10DPGL (ISP)             | (138) (9997) |
| Renesas | R5F10DPGLFB [LQFP100 14x14] | (3637)       |
| Renesas | R5F10DPJJ (ISP)             | (138) (9997) |
| Renesas | R5F10DPJJFB [LQFP100 14x14] | (3637)       |
| Renesas | R5F10DPJL (ISP)             | (138) (9997) |
| Renesas | R5F10DPJLFB [LQFP100 14x14] | (3637)       |
| Renesas | R5F10DPKJ (ISP)             | (138) (9997) |
| Renesas | R5F10DPKJFB [LQFP100 14x14] | (3637)       |
| Renesas | R5F10DPKL (ISP)             | (138) (9997) |
| Renesas | R5F10DPKLFB [LQFP100 14x14] | (3637)       |
| Renesas | R5F10DPLJ (ISP)             | (138) (9997) |
| Renesas | R5F10DPLJFB [LQFP100 14x14] | (3637)       |
| Renesas | R5F10DPLL (ISP)             | (138) (9997) |
| Renesas | R5F10DPLLFB [LQFP100 14x14] | (3637)       |
| Renesas | R5F10DSJJ (ISP)             | (138) (9997) |
| Renesas | R5F10DSJJFB [LQFP128]       | (4511)       |
| Renesas | R5F10DSJL (ISP)             | (138) (9997) |
| Renesas | R5F10DSJLFB [LQFP128]       | (4511)       |
| Renesas | R5F10DSKJ (ISP)             | (138) (9997) |
| Renesas | R5F10DSKJFB [LQFP128]       | (4511)       |
| Renesas | R5F10DSKL (ISP)             | (138) (9997) |
| Renesas | R5F10DSKLFB [LQFP128]       | (4511)       |
| Renesas | R5F10DSLJ (ISP)             | (138) (9997) |
| Renesas | R5F10DSLJFB [LQFP128]       | (4511)       |
| Renesas | R5F10DSSL (ISP)             | (138) (9997) |
| Renesas | R5F10DSSLFB [LQFP128]       | (4511)       |
| Renesas | R5F10EBAA (ISP)             | (138) (9997) |
| Renesas | R5F10EBAANA [WQFN32]        | (2718)       |
| Renesas | R5F10EBAG (ISP)             | (138) (9997) |
| Renesas | R5F10EBAGNA [WQFN32]        | (2718)       |
| Renesas | R5F10EBCA (ISP)             | (138) (9997) |
| Renesas | R5F10EBCANA [WQFN32]        | (2718)       |
| Renesas | R5F10EBCG (ISP)             | (138) (9997) |
| Renesas | R5F10EBCGNA [WQFN32]        | (2718)       |
| Renesas | R5F10EBDA (ISP)             | (138) (9997) |
| Renesas | R5F10EBDANA [WQFN32]        | (2718)       |
| Renesas | R5F10EBDG (ISP)             | (138) (9997) |
| Renesas | R5F10EBDGN [WQFN32]         | (2718)       |
| Renesas | R5F10EBEA (ISP)             | (138) (9997) |
| Renesas | R5F10EBEANA [WQFN32]        | (2718)       |
| Renesas | R5F10EBEG (ISP)             | (138) (9997) |
| Renesas | R5F10EBEGNA [WQFN32]        | (2718)       |
| Renesas | R5F10EGAA (ISP)             | (138) (9997) |
| Renesas | R5F10EGAAF [LQFP48]         | (2617)       |
| Renesas | R5F10EGAA [WQFN48]          | (2623)       |
| Renesas | R5F10EGAG (ISP)             | (138) (9997) |
| Renesas | R5F10EGAGFB [LQFP48]        | (2617)       |
| Renesas | R5F10EGAGNA [WQFN48]        | (2623)       |
| Renesas | R5F10EGCA (ISP)             | (138) (9997) |
| Renesas | R5F10EGCAF [LQFP48]         | (2617)       |
| Renesas | R5F10EGCAN [WQFN48]         | (2623)       |
| Renesas | R5F10EGCG (ISP)             | (138) (9997) |
| Renesas | R5F10EGCGFB [LQFP48]        | (2617)       |
| Renesas | R5F10EGCGNA [WQFN48]        | (2623)       |
| Renesas | R5F10EGDA (ISP)             | (138) (9997) |
| Renesas | R5F10EGDAFB [LQFP48]        | (2617)       |
| Renesas | R5F10EGDANA [WQFN48]        | (2623)       |
| Renesas | R5F10EGDG (ISP)             | (138) (9997) |
| Renesas | R5F10EGDGFB [LQFP48]        | (2617)       |
| Renesas | R5F10EGDGNA [WQFN48]        | (2623)       |
| Renesas | R5F10EGEA (ISP)             | (138) (9997) |
| Renesas | R5F10EGEAF [LQFP48]         | (2617)       |
| Renesas | R5F10EGEANA [WQFN48]        | (2623)       |
| Renesas | R5F10EGEG (ISP)             | (138) (9997) |
| Renesas | R5F10EGEGFB [LQFP48]        | (2617)       |
| Renesas | R5F10EGEGNA [WQFN48]        | (2623)       |
| Renesas | R5F10JBCA (ISP)             | (138) (9997) |
| Renesas | R5F10JBCAFP [LQFP32]        | (2741)       |
| Renesas | R5F10JBCANA [WQFN32]        | (2718)       |
| Renesas | R5F10JBCG (ISP)             | (138) (9997) |
| Renesas | R5F10JBCGFP [LQFP32]        | (2741)       |
| Renesas | R5F10JBCGNA [WQFN32]        | (2718)       |
| Renesas | R5F10JGCA (ISP)             | (138) (9997) |
| Renesas | R5F10JGCAF [LQFP48]         | (2617)       |
| Renesas | R5F10JGCANA [WQFN48]        | (2623)       |
| Renesas | R5F10JGCG (ISP)             | (138) (9997) |
| Renesas | R5F10JGCGFB [LQFP48]        | (2617)       |
| Renesas | R5F10JGCGNA [WQFN48]        | (2623)       |
| Renesas | R5F10KBCA (ISP)             | (138) (9997) |
| Renesas | R5F10KBCAFP [LQFP32]        | (2741)       |
| Renesas | R5F10KBCANA [WQFN32]        | (2718)       |
| Renesas | R5F10KBCG (ISP)             | (138) (9997) |
| Renesas | R5F10KBCGFP [LQFP32]        | (2741)       |

|         |                            |              |
|---------|----------------------------|--------------|
| Renesas | R5F10KBCGNA [WQFN32]       | (2718)       |
| Renesas | R5F10KGCA (ISP)            | (138) (9997) |
| Renesas | R5F10KGCAFB [LQFP48]       | (2617)       |
| Renesas | R5F10KGCANA [WQFN48]       | (2623)       |
| Renesas | R5F10KGCG (ISP)            | (138) (9997) |
| Renesas | R5F10KGCGFB [LQFP48]       | (2617)       |
| Renesas | R5F10KGCNGA [WQFN48]       | (2623)       |
| Renesas | R5F10PADX (ISP)            | (138) (9997) |
| Renesas | R5F10PADXSP [SSOP30]       | (3634)       |
| Renesas | R5F10PAEX (ISP)            | (138) (9997) |
| Renesas | R5F10PAEXSP [SSOP30]       | (3634)       |
| Renesas | R5F10PBDK (ISP)            | (138) (9997) |
| Renesas | R5F10PBDKNA [WQFN32]       | (3285)       |
| Renesas | R5F10PBDL (ISP)            | (138) (9997) |
| Renesas | R5F10PBDLNA [WQFN32]       | (3285)       |
| Renesas | R5F10PBDY (ISP)            | (138) (9997) |
| Renesas | R5F10PBDYNA [WQFN32]       | (3285)       |
| Renesas | R5F10PBK (ISP)             | (138) (9997) |
| Renesas | R5F10PBKNA [WQFN32]        | (3285)       |
| Renesas | R5F10PBEL (ISP)            | (138) (9997) |
| Renesas | R5F10PBELNA [WQFN32]       | (3285)       |
| Renesas | R5F10PBLY (ISP)            | (138) (9997) |
| Renesas | R5F10PBEYNA [WQFN32]       | (3285)       |
| Renesas | R5F10PGDK (ISP)            | (138) (9997) |
| Renesas | R5F10PGDKFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGDKNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGDL (ISP)            | (138) (9997) |
| Renesas | R5F10PGDLFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGDLNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGDY (ISP)            | (138) (9997) |
| Renesas | R5F10PGDYFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGDYNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGEK (ISP)            | (138) (9997) |
| Renesas | R5F10PGEKFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGEKNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGEL (ISP)            | (138) (9997) |
| Renesas | R5F10PGELFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGELNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGEY (ISP)            | (138) (9997) |
| Renesas | R5F10PGEYFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGEYNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGFK (ISP)            | (138) (9997) |
| Renesas | R5F10PGFKFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGFKNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGFL (ISP)            | (138) (9997) |
| Renesas | R5F10PGFLFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGFLNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGFY (ISP)            | (138) (9997) |
| Renesas | R5F10PGFYFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGFYNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGGK (ISP)            | (138) (9997) |
| Renesas | R5F10PGGKFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGGKNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGGL (ISP)            | (138) (9997) |
| Renesas | R5F10PGGLFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGGLNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGGY (ISP)            | (138) (9997) |
| Renesas | R5F10PGGYFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGGYNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGHK (ISP)            | (138) (9997) |
| Renesas | R5F10PGHKFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGHKNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGHL (ISP)            | (138) (9997) |
| Renesas | R5F10PGHLFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGHLNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGHY (ISP)            | (138) (9997) |
| Renesas | R5F10PGHYFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGHYNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGJK (ISP)            | (138) (9997) |
| Renesas | R5F10PGJKFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGJKNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGJL (ISP)            | (138) (9997) |
| Renesas | R5F10PGJLFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGJLNA [WQFN48]       | (3216)       |
| Renesas | R5F10PGJY (ISP)            | (138) (9997) |
| Renesas | R5F10PGJYFB [LQFP48]       | (3077)       |
| Renesas | R5F10PGJYNA [WQFN48]       | (3216)       |
| Renesas | R5F10PLEK (ISP)            | (138) (9997) |
| Renesas | R5F10PLEKFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLEL (ISP)            | (138) (9997) |
| Renesas | R5F10PLELFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLEY (ISP)            | (138) (9997) |
| Renesas | R5F10PLEYFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLFK (ISP)            | (138) (9997) |
| Renesas | R5F10PLFKFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLFL (ISP)            | (138) (9997) |
| Renesas | R5F10PLFLFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLFY (ISP)            | (138) (9997) |
| Renesas | R5F10PLFYFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLGK (ISP)            | (138) (9997) |
| Renesas | R5F10PLGKFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLGL (ISP)            | (138) (9997) |
| Renesas | R5F10PLGLFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLGY (ISP)            | (138) (9997) |
| Renesas | R5F10PLGYFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLHK (ISP)            | (138) (9997) |
| Renesas | R5F10PLHKFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLHL (ISP)            | (138) (9997) |
| Renesas | R5F10PLHLFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLHY (ISP)            | (138) (9997) |
| Renesas | R5F10PLHYFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLJK (ISP)            | (138) (9997) |
| Renesas | R5F10PLJKFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLJL (ISP)            | (138) (9997) |
| Renesas | R5F10PLJLFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PLJY (ISP)            | (138) (9997) |
| Renesas | R5F10PLJYFB [LQFP64 10x10] | (2857)       |
| Renesas | R5F10PMEK (ISP)            | (138) (9997) |
| Renesas | R5F10PMEKFB [LQFP80 12x12] | (2862)       |
| Renesas | R5F10PMEL (ISP)            | (138) (9997) |
| Renesas | R5F10PMELFB [LQFP80 12x12] | (2862)       |
| Renesas | R5F10PMEY (ISP)            | (138) (9997) |
| Renesas | R5F10PMEYFB [LQFP80 12x12] | (2862)       |
| Renesas | R5F10PMFK (ISP)            | (138) (9997) |
| Renesas | R5F10PMFKFB [LQFP80 12x12] | (2862)       |
| Renesas | R5F10PMFL (ISP)            | (138) (9997) |
| Renesas | R5F10PMFLFB [LQFP80 12x12] | (2862)       |
| Renesas | R5F10PMFY (ISP)            | (138) (9997) |
| Renesas | R5F10PMFYFB [LQFP80 12x12] | (2862)       |
| Renesas | R5F10PMGK (ISP)            | (138) (9997) |
| Renesas | R5F10PMGKFB [LQFP80 12x12] | (2862)       |
| Renesas | R5F10PMGL (ISP)            | (138) (9997) |
| Renesas | R5F10PMGLFB [LQFP80 12x12] | (2862)       |
| Renesas | R5F10PMGY (ISP)            | (138) (9997) |
| Renesas | R5F10PMGYFB [LQFP80 12x12] | (2862)       |
| Renesas | R5F10PMHK (ISP)            | (138) (9997) |
| Renesas | R5F10PMHKFB [LQFP80 12x12] | (2862)       |
| Renesas | R5F10PMHL (ISP)            | (138) (9997) |

|         |                             |              |
|---------|-----------------------------|--------------|
| Renesas | R5F10PMHLFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F10PMHY (ISP)             | (138) (9997) |
| Renesas | R5F10PMHYFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F10PMJK (ISP)             | (138) (9997) |
| Renesas | R5F10PMJKFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F10PMJL (ISP)             | (138) (9997) |
| Renesas | R5F10PMJLFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F10PMJY (ISP)             | (138) (9997) |
| Renesas | R5F10PMJYFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F10PPEK (ISP)             | (138) (9997) |
| Renesas | R5F10PPEKFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPEL (ISP)             | (138) (9997) |
| Renesas | R5F10PPELFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPEY (ISP)             | (138) (9997) |
| Renesas | R5F10PPEYFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPFK (ISP)             | (138) (9997) |
| Renesas | R5F10PPFKFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPFL (ISP)             | (138) (9997) |
| Renesas | R5F10PPFLFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPFY (ISP)             | (138) (9997) |
| Renesas | R5F10PPFYFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPGK (ISP)             | (138) (9997) |
| Renesas | R5F10PPGKFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPGL (ISP)             | (138) (9997) |
| Renesas | R5F10PPGLFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPGY (ISP)             | (138) (9997) |
| Renesas | R5F10PPGYFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPHK (ISP)             | (138) (9997) |
| Renesas | R5F10PPHKFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPHL (ISP)             | (138) (9997) |
| Renesas | R5F10PPHLFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPHY (ISP)             | (138) (9997) |
| Renesas | R5F10PPHYFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPJK (ISP)             | (138) (9997) |
| Renesas | R5F10PPJKFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPJL (ISP)             | (138) (9997) |
| Renesas | R5F10PPJLFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10PPJY (ISP)             | (138) (9997) |
| Renesas | R5F10PPJYFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F10RB8A (ISP)             | (138) (9997) |
| Renesas | R5F10RB8AFP [LQFP32]        | (2741)       |
| Renesas | R5F10RB8G (ISP)             | (138) (9997) |
| Renesas | R5F10RB8GFP [LQFP32]        | (2741)       |
| Renesas | R5F10RBAA (ISP)             | (138) (9997) |
| Renesas | R5F10RBAAFP [LQFP32]        | (2741)       |
| Renesas | R5F10RBAG (ISP)             | (138) (9997) |
| Renesas | R5F10RBAGFP [LQFP32]        | (2741)       |
| Renesas | R5F10RBCA (ISP)             | (138) (9997) |
| Renesas | R5F10RBCAFP [LQFP32]        | (2741)       |
| Renesas | R5F10RBCG (ISP)             | (138) (9997) |
| Renesas | R5F10RBCGFP [LQFP32]        | (2741)       |
| Renesas | R5F10RF8A (ISP)             | (138) (9997) |
| Renesas | R5F10RF8AFP [LQFP44]        | (2675)       |
| Renesas | R5F10RF8G (ISP)             | (138) (9997) |
| Renesas | R5F10RF8GFP [LQFP44]        | (2675)       |
| Renesas | R5F10RFAA (ISP)             | (138) (9997) |
| Renesas | R5F10RFAAFP [LQFP44]        | (2675)       |
| Renesas | R5F10RFAG (ISP)             | (138) (9997) |
| Renesas | R5F10RFAGFP [LQFP44]        | (2675)       |
| Renesas | R5F10RFCA (ISP)             | (138) (9997) |
| Renesas | R5F10RFCAFP [LQFP44]        | (2675)       |
| Renesas | R5F10RFCG (ISP)             | (138) (9997) |
| Renesas | R5F10RFCGFP [LQFP44]        | (2675)       |
| Renesas | R5F10RG8A (ISP)             | (138) (9997) |
| Renesas | R5F10RG8AFP [LQFP48]        | (3077)       |
| Renesas | R5F10RG8G (ISP)             | (138) (9997) |
| Renesas | R5F10RG8GFB [LQFP48]        | (3077)       |
| Renesas | R5F10RGAA (ISP)             | (138) (9997) |
| Renesas | R5F10RGAAFB [LQFP48]        | (3077)       |
| Renesas | R5F10RGAG (ISP)             | (138) (9997) |
| Renesas | R5F10RGAGFB [LQFP48]        | (3077)       |
| Renesas | R5F10RGCA (ISP)             | (138) (9997) |
| Renesas | R5F10RGCAFB [LQFP48]        | (3077)       |
| Renesas | R5F10RGCG (ISP)             | (138) (9997) |
| Renesas | R5F10RGCGFB [LQFP48]        | (3077)       |
| Renesas | R5F10RJ8A (ISP)             | (138) (9997) |
| Renesas | R5F10RJ8AFA [LQFP52]        | (2686)       |
| Renesas | R5F10RJ8G (ISP)             | (138) (9997) |
| Renesas | R5F10RJ8GFA [LQFP52]        | (2686)       |
| Renesas | R5F10RJAA (ISP)             | (138) (9997) |
| Renesas | R5F10RJAAFA [LQFP52]        | (2686)       |
| Renesas | R5F10RJAG (ISP)             | (138) (9997) |
| Renesas | R5F10RJAGFA [LQFP52]        | (2686)       |
| Renesas | R5F10RJCA (ISP)             | (138) (9997) |
| Renesas | R5F10RJCAFA [LQFP52]        | (2686)       |
| Renesas | R5F10RJCG (ISP)             | (138) (9997) |
| Renesas | R5F10RJCGFA [LQFP52]        | (2686)       |
| Renesas | R5F10RLAA (ISP)             | (138) (9997) |
| Renesas | R5F10RLAAFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F10RLAAFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F10RLAANB [WQFN64]        | (3181)       |
| Renesas | R5F10RLAG (ISP)             | (138) (9997) |
| Renesas | R5F10RLAGFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F10RLAGFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F10RLAGNB [WQFN64]        | (3181)       |
| Renesas | R5F10RLCA (ISP)             | (138) (9997) |
| Renesas | R5F10RLCAFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F10RLCAFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F10RLCANB [WQFN64]        | (3181)       |
| Renesas | R5F10RLCG (ISP)             | (138) (9997) |
| Renesas | R5F10RLCGFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F10RLCGFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F10RLCGNB [WQFN64]        | (3181)       |
| Renesas | R5F10WLAA (ISP)             | (138) (9997) |
| Renesas | R5F10WLAAFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F10WLAAFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F10WLAG (ISP)             | (138) (9997) |
| Renesas | R5F10WLAGFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F10WLAGFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F10WLCA (ISP)             | (138) (9997) |
| Renesas | R5F10WLCAFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F10WLCAFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F10WLCG (ISP)             | (138) (9997) |
| Renesas | R5F10WLCGFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F10WLCGFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F10WLDA (ISP)             | (138) (9997) |
| Renesas | R5F10WLDAFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F10WLDAFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F10WLDG (ISP)             | (138) (9997) |
| Renesas | R5F10WLDGFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F10WLDGFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F10WLEA (ISP)             | (138) (9997) |
| Renesas | R5F10WLEAFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F10WLEAFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F10WLEG (ISP)             | (138) (9997) |
| Renesas | R5F10WLEGFA [LQFP64 12x12]  | (2856)       |
| Renesas | R5F10WLEGFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F10WLFA (ISP)             | (138) (9997) |

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|         |                             |              |
|---------|-----------------------------|--------------|
| Renesas | R5F111PJAFB [LQFP100 14x14] | (3479)       |
| Renesas | R5F111PJG (ISP)             | (138) (9997) |
| Renesas | R5F111PJGFB [LQFP100 14x14] | (3479)       |
| Renesas | R5F113GLL (ISP)             | (138) (9997) |
| Renesas | R5F113GLLF8 [LQFP48]        | (3077)       |
| Renesas | R5F11768G (ISP)             | (138) (9997) |
| Renesas | R5F11768GSP [LSSOP20]       | (3480)       |
| Renesas | R5F1176AG (ISP)             | (138) (9997) |
| Renesas | R5F1176AGSP [LSSOP20]       | (3480)       |
| Renesas | R5F11778G (ISP)             | (138) (9997) |
| Renesas | R5F11778GNA [WQFN24]        | (2717)       |
| Renesas | R5F1177AG (ISP)             | (138) (9997) |
| Renesas | R5F1177AGNA [WQFN24]        | (2717)       |
| Renesas | R5F117A8G (ISP)             | (138) (9997) |
| Renesas | R5F117A8GSP [LSSOP30]       | (3481)       |
| Renesas | R5F117AAG (ISP)             | (138) (9997) |
| Renesas | R5F117AAGSP [LSSOP30]       | (3481)       |
| Renesas | R5F117ACG (ISP)             | (138) (9997) |
| Renesas | R5F117ACGSP [LSSOP30]       | (3481)       |
| Renesas | R5F117BAG (ISP)             | (138) (9997) |
| Renesas | R5F117BAGFP [LQFP32]        | (2741)       |
| Renesas | R5F117BAGNA [WQFN32]        | (2718)       |
| Renesas | R5F117BCG (ISP)             | (138) (9997) |
| Renesas | R5F117BCGFP [LQFP32]        | (2741)       |
| Renesas | R5F117BCGNA [WQFN32]        | (2718)       |
| Renesas | R5F117GAG (ISP)             | (138) (9997) |
| Renesas | R5F117GAGFB [LQFP48]        | (3482)       |
| Renesas | R5F117GCG (ISP)             | (138) (9997) |
| Renesas | R5F117GCGFB [LQFP48]        | (3482)       |
| Renesas | R5F118LCA (ISP)             | (138) (9997) |
| Renesas | R5F118LCAFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F118LCG (ISP)             | (138) (9997) |
| Renesas | R5F118LCGFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F118LEA (ISP)             | (138) (9997) |
| Renesas | R5F118LEAFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F118LEG (ISP)             | (138) (9997) |
| Renesas | R5F118LEGFB [LQFP64 10x10]  | (2857)       |
| Renesas | R5F11EA8A (ISP)             | (138) (9997) |
| Renesas | R5F11EA8ASP [SSOP30]        | (2811)       |
| Renesas | R5F11EAAA (ISP)             | (138) (9997) |
| Renesas | R5F11EAAAASP [SSOP30]       | (2811)       |
| Renesas | R5F11EB8A (ISP)             | (138) (9997) |
| Renesas | R5F11EB8AFP [LQFP32]        | (2741)       |
| Renesas | R5F11EBAA (ISP)             | (138) (9997) |
| Renesas | R5F11EBAAFP [LQFP32]        | (2741)       |
| Renesas | R5F11EF8A (ISP)             | (138) (9997) |
| Renesas | R5F11EF8AFP [LQFP44]        | (2675)       |
| Renesas | R5F11EFAA (ISP)             | (138) (9997) |
| Renesas | R5F11EFAAFP [LQFP44]        | (2675)       |
| Renesas | R5F11MMDX (ISP)             | (138) (9997) |
| Renesas | R5F11MMDXFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F11MMEX (ISP)             | (138) (9997) |
| Renesas | R5F11MMEXFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F11MMFX (ISP)             | (138) (9997) |
| Renesas | R5F11MMFXFB [LQFP80 12x12]  | (2862)       |
| Renesas | R5F11MPEx (ISP)             | (138) (9997) |
| Renesas | R5F11MPExFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F11MPFX (ISP)             | (138) (9997) |
| Renesas | R5F11MPFXFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F11MPGX (ISP)             | (138) (9997) |
| Renesas | R5F11MPGXFB [LQFP100 14x14] | (2888)       |
| Renesas | R5F11ZLMKGFA [LQFP80 14x14] | (2861)       |
| Renesas | R5F21102 (ISP)              | (138)        |
| Renesas | R5F21102xFP [LQFP32]        | (1263)       |
| Renesas | R5F21103 (ISP)              | (138)        |
| Renesas | R5F21103xFP [LQFP32]        | (1263)       |
| Renesas | R5F21104 (ISP)              | (138)        |
| Renesas | R5F21104xFP [LQFP32]        | (1263)       |
| Renesas | R5F21112 (ISP)              | (138)        |
| Renesas | R5F21112xFP [LQFP32]        | (159)        |
| Renesas | R5F21113 (ISP)              | (138)        |
| Renesas | R5F21113xFP [LQFP32]        | (159)        |
| Renesas | R5F21114 (ISP)              | (138)        |
| Renesas | R5F21114xFP [LQFP32]        | (159)        |
| Renesas | R5F21132 (ISP)              | (138)        |
| Renesas | R5F21132xFP [LQFP32]        | (159)        |
| Renesas | R5F21133 (ISP)              | (138)        |
| Renesas | R5F21133xFP [LQFP32]        | (159)        |
| Renesas | R5F21134 (ISP)              | (138)        |
| Renesas | R5F21134xFP [LQFP32]        | (159)        |
| Renesas | R5F21142 (ISP)              | (138)        |
| Renesas | R5F21142SP [SSOP20]         | (1089)       |
| Renesas | R5F21142xSP [SSOP20]        | (1089)       |
| Renesas | R5F21143 (ISP)              | (138)        |
| Renesas | R5F21143SP [SSOP20]         | (1089)       |
| Renesas | R5F21143xSP [SSOP20]        | (1089)       |
| Renesas | R5F21144 (ISP)              | (138)        |
| Renesas | R5F21144SP [SSOP20]         | (1089)       |
| Renesas | R5F21144xSP [SSOP20]        | (1089)       |
| Renesas | R5F21152 (ISP)              | (138)        |
| Renesas | R5F21152SP [SSOP20]         | (1089)       |
| Renesas | R5F21152xSP [SSOP20]        | (1089)       |
| Renesas | R5F21153 (ISP)              | (138)        |
| Renesas | R5F21153SP [SSOP20]         | (1089)       |
| Renesas | R5F21153xSP [SSOP20]        | (1089)       |
| Renesas | R5F21154 (ISP)              | (138)        |
| Renesas | R5F21154SP [SSOP20]         | (1089)       |
| Renesas | R5F21154xSP [SSOP20]        | (1089)       |
| Renesas | R5F21162 (ISP)              | (138)        |
| Renesas | R5F21162SP [SSOP20]         | (1089)       |
| Renesas | R5F21162xSP [SSOP20]        | (1089)       |
| Renesas | R5F21163 (ISP)              | (138)        |
| Renesas | R5F21163SP [SSOP20]         | (1089)       |
| Renesas | R5F21163xSP [SSOP20]        | (1089)       |
| Renesas | R5F21164 (ISP)              | (138)        |
| Renesas | R5F21164SP [SSOP20]         | (1089)       |
| Renesas | R5F21164xSP [SSOP20]        | (1089)       |
| Renesas | R5F21181 (ISP)              | (138)        |
| Renesas | R5F21181DD [SDIP20]         | (175)        |
| Renesas | R5F21181DSP [SSOP20]        | (1089)       |
| Renesas | R5F21181SP [SSOP20]         | (1089)       |
| Renesas | R5F21182 (ISP)              | (138)        |
| Renesas | R5F21182DD [SDIP20]         | (175)        |
| Renesas | R5F21182DSP [SSOP20]        | (1089)       |
| Renesas | R5F21182SP [SSOP20]         | (1089)       |
| Renesas | R5F21183 (ISP)              | (138)        |
| Renesas | R5F21183DD [SDIP20]         | (175)        |
| Renesas | R5F21183DSP [SSOP20]        | (1089)       |
| Renesas | R5F21183SP [SSOP20]         | (1089)       |
| Renesas | R5F21184 (ISP)              | (138)        |
| Renesas | R5F21184DD [SDIP20]         | (175)        |
| Renesas | R5F21184DSP [SSOP20]        | (1089)       |
| Renesas | R5F21184SP [SSOP20]         | (1089)       |
| Renesas | R5F21191 (ISP)              | (138)        |
| Renesas | R5F21191DD [SDIP20]         | (175)        |
| Renesas | R5F21191DSP [SSOP20]        | (1089)       |
| Renesas | R5F21191SP [SSOP20]         | (1089)       |
| Renesas | R5F21192 (ISP)              | (138)        |

|         |                                |        |
|---------|--------------------------------|--------|
| Renesas | R5F21192DD [SDIP20]            | (175)  |
| Renesas | R5F21192DSP [SSOP20]           | (1089) |
| Renesas | R5F21192SP [SSOP20]            | (1089) |
| Renesas | R5F21193 (ISP)                 | (138)  |
| Renesas | R5F21193DD [SDIP20]            | (175)  |
| Renesas | R5F21193DSP [SSOP20]           | (1089) |
| Renesas | R5F21193SP [SSOP20]            | (1089) |
| Renesas | R5F21194DD [SDIP20]            | (175)  |
| Renesas | R5F21194DSP [SSOP20]           | (1089) |
| Renesas | R5F21194SP (ISP)               | (138)  |
| Renesas | R5F21194SP [SSOP20]            | (1089) |
| Renesas | R5F211A1 (ISP)                 | (138)  |
| Renesas | R5F211A1DD [SDIP20]            | (175)  |
| Renesas | R5F211A1DSP [SSOP20]           | (1089) |
| Renesas | R5F211A1SP [SSOP20]            | (1089) |
| Renesas | R5F211A2 (ISP)                 | (138)  |
| Renesas | R5F211A2DD [SDIP20]            | (175)  |
| Renesas | R5F211A2DSP [SSOP20]           | (1089) |
| Renesas | R5F211A2SP [SSOP20]            | (1089) |
| Renesas | R5F211A3 (ISP)                 | (138)  |
| Renesas | R5F211A3DD [SDIP20]            | (175)  |
| Renesas | R5F211A3DSP [SSOP20]           | (1089) |
| Renesas | R5F211A3SP [SSOP20]            | (1089) |
| Renesas | R5F211A4 (ISP)                 | (138)  |
| Renesas | R5F211A4DD [SDIP20]            | (175)  |
| Renesas | R5F211A4DSP [SSOP20]           | (1089) |
| Renesas | R5F211A4SP [SSOP20]            | (1089) |
| Renesas | R5F211B1 (ISP)                 | (138)  |
| Renesas | R5F211B1DD [SDIP20]            | (175)  |
| Renesas | R5F211B1DSP [SSOP20]           | (1089) |
| Renesas | R5F211B1SP [SSOP20]            | (1089) |
| Renesas | R5F211B2 (ISP)                 | (138)  |
| Renesas | R5F211B2 (ISP-single wire)     | (1433) |
| Renesas | R5F211B2DD [SDIP20]            | (175)  |
| Renesas | R5F211B2DSP [SSOP20]           | (1089) |
| Renesas | R5F211B2SP [SSOP20]            | (1089) |
| Renesas | R5F211B3 (ISP)                 | (138)  |
| Renesas | R5F211B3DD [SDIP20]            | (175)  |
| Renesas | R5F211B3DSP [SSOP20]           | (1089) |
| Renesas | R5F211B3SP [SSOP20]            | (1089) |
| Renesas | R5F211B4DD [SDIP20]            | (175)  |
| Renesas | R5F211B4DSP [SSOP20]           | (1089) |
| Renesas | R5F211B4SP (ISP)               | (138)  |
| Renesas | R5F211B4SP [SSOP20]            | (1089) |
| Renesas | R5F21216 (ISP)                 | (138)  |
| Renesas | R5F21216xFP [LQFP48]           | (174)  |
| Renesas | R5F21217 (ISP)                 | (138)  |
| Renesas | R5F21217xFP [LQFP48]           | (174)  |
| Renesas | R5F21218 (ISP)                 | (138)  |
| Renesas | R5F21218xFP [LQFP48]           | (174)  |
| Renesas | R5F2121A (ISP)                 | (138)  |
| Renesas | R5F2121AXFP [LQFP48]           | (174)  |
| Renesas | R5F21226 (ISP)                 | (138)  |
| Renesas | R5F21226xFP [LQFP48]           | (174)  |
| Renesas | R5F21227 (ISP)                 | (138)  |
| Renesas | R5F21227xFP [LQFP48]           | (174)  |
| Renesas | R5F21228 (ISP)                 | (138)  |
| Renesas | R5F21228xFP [LQFP48]           | (174)  |
| Renesas | R5F2122A (ISP)                 | (138)  |
| Renesas | R5F2122AXFP [LQFP48]           | (174)  |
| Renesas | R5F2122C (ISP)                 | (138)  |
| Renesas | R5F2122CXFP [LQFP48]           | (174)  |
| Renesas | R5F21236 (ISP)                 | (138)  |
| Renesas | R5F21236xFP [LQFP48]           | (174)  |
| Renesas | R5F21237 (ISP)                 | (138)  |
| Renesas | R5F21237xFP [LQFP48]           | (174)  |
| Renesas | R5F21238 (ISP)                 | (138)  |
| Renesas | R5F21238xFP [LQFP48]           | (174)  |
| Renesas | R5F2123A (ISP)                 | (138)  |
| Renesas | R5F2123AXFP [LQFP48]           | (174)  |
| Renesas | R5F2123C (ISP)                 | (138)  |
| Renesas | R5F2123CXFP [LQFP48]           | (174)  |
| Renesas | R5F21244SD (ISP)               | (138)  |
| Renesas | R5F21244SDFP [LQFP52]          | (896)  |
| Renesas | R5F21244SDFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21244SN (ISP)               | (138)  |
| Renesas | R5F21244SNFP [LQFP52]          | (896)  |
| Renesas | R5F21244SNFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21245SD (ISP)               | (138)  |
| Renesas | R5F21245SDFP [LQFP52]          | (896)  |
| Renesas | R5F21245SDFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21245SN (ISP)               | (138)  |
| Renesas | R5F21245SNFP [LQFP52]          | (896)  |
| Renesas | R5F21245SNFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21246SD (ISP)               | (138)  |
| Renesas | R5F21246SDFP [LQFP52]          | (896)  |
| Renesas | R5F21246SDFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21246SN (ISP)               | (138)  |
| Renesas | R5F21246SNFP [LQFP52]          | (896)  |
| Renesas | R5F21246SNFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21247SD (ISP)               | (138)  |
| Renesas | R5F21247SDFP [LQFP52]          | (896)  |
| Renesas | R5F21247SDFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21247SN (ISP)               | (138)  |
| Renesas | R5F21247SNFP [LQFP52]          | (896)  |
| Renesas | R5F21247SNFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21248SD (ISP)               | (138)  |
| Renesas | R5F21248SDFP [LQFP52]          | (896)  |
| Renesas | R5F21248SDFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21248SN (ISP)               | (138)  |
| Renesas | R5F21248SNFP [LQFP52]          | (896)  |
| Renesas | R5F21248SNFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21254SDFP (ISP)             | (138)  |
| Renesas | R5F21254SDFP [LQFP52]          | (896)  |
| Renesas | R5F21254SDFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21254SNFP (ISP)             | (138)  |
| Renesas | R5F21254SNFP [LQFP52]          | (896)  |
| Renesas | R5F21254SNFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21255SDFP (ISP)             | (138)  |
| Renesas | R5F21255SDFP (ISP-single wire) | (1433) |
| Renesas | R5F21255SDFP [LQFP52]          | (896)  |
| Renesas | R5F21255SDFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21255SNFP (ISP)             | (138)  |
| Renesas | R5F21255SNFP (ISP-single wire) | (1433) |
| Renesas | R5F21255SNFP [LQFP52]          | (896)  |
| Renesas | R5F21255SNFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21255SYFP (ISP)             | (138)  |
| Renesas | R5F21255SYFP (ISP-single wire) | (1433) |
| Renesas | R5F21255SYFP [LQFP52]          | (896)  |
| Renesas | R5F21255SYFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21256SDFP (ISP)             | (138)  |
| Renesas | R5F21256SDFP (ISP-single wire) | (1433) |
| Renesas | R5F21256SDFP [LQFP52]          | (896)  |
| Renesas | R5F21256SDFP [LQFP52](UART)    | (896)  |
| Renesas | R5F21256SNFP (ISP)             | (138)  |
| Renesas | R5F21256SNFP (ISP-single wire) | (1433) |
| Renesas | R5F21256SNFP [LQFP52]          | (896)  |
| Renesas | R5F21256SNFP [LQFP52](UART)    | (896)  |

|         |                 |                           |        |
|---------|-----------------|---------------------------|--------|
| Renesas | R5F21257SDFP    | (ISP)                     | (138)  |
| Renesas | R5F21257SDFP    | (ISP-single wire)         | (1433) |
| Renesas | R5F21257SDFP    | (ISP-single wire, slower) | (138)  |
| Renesas | R5F21257SDFP    | [LQFP52]                  | (896)  |
| Renesas | R5F21257SDFP    | [LQFP52] (UART)           | (896)  |
| Renesas | R5F21257SNFP    | (ISP)                     | (138)  |
| Renesas | R5F21257SNFP    | (ISP-single wire)         | (1433) |
| Renesas | R5F21257SNFP    | [LQFP52]                  | (896)  |
| Renesas | R5F21257SNFP    | [LQFP52] (UART)           | (896)  |
| Renesas | R5F21258SDFP    | (ISP)                     | (138)  |
| Renesas | R5F21258SDFP    | (ISP-single wire)         | (1433) |
| Renesas | R5F21258SDFP    | [LQFP52]                  | (896)  |
| Renesas | R5F21258SDFP    | [LQFP52] (UART)           | (896)  |
| Renesas | R5F21258SNFP    | (ISP)                     | (138)  |
| Renesas | R5F21258SNFP    | (ISP-single wire)         | (1433) |
| Renesas | R5F21258SNFP    | [LQFP52]                  | (896)  |
| Renesas | R5F21258SNFP    | [LQFP52] (UART)           | (896)  |
| Renesas | R5F21262SxFP    | (ISP)                     | (138)  |
| Renesas | R5F21262SxFP    | [LQFP32]                  | (159)  |
| Renesas | R5F21262SxFP    | [LQFP32] (UART)           | (159)  |
| Renesas | R5F21264SxFP    | (ISP)                     | (138)  |
| Renesas | R5F21264SxFP    | [LQFP32]                  | (159)  |
| Renesas | R5F21264SxFP    | [LQFP32] (UART)           | (159)  |
| Renesas | R5F21264xFP     | (ISP)                     | (138)  |
| Renesas | R5F21264xFP     | [LQFP32]                  | (159)  |
| Renesas | R5F21264xFP     | [LQFP32] (UART)           | (159)  |
| Renesas | R5F21265SxFP    | (ISP)                     | (138)  |
| Renesas | R5F21265SxFP    | [LQFP32]                  | (159)  |
| Renesas | R5F21265SxFP    | [LQFP32] (UART)           | (159)  |
| Renesas | R5F21266SxFP    | (ISP)                     | (138)  |
| Renesas | R5F21266SxFP    | [LQFP32]                  | (159)  |
| Renesas | R5F21266SxFP    | [LQFP32] (UART)           | (159)  |
| Renesas | R5F21266xFP     | (ISP)                     | (138)  |
| Renesas | R5F21266xFP     | [LQFP32]                  | (159)  |
| Renesas | R5F21266xFP     | [LQFP32] (UART)           | (159)  |
| Renesas | R5F21272SxFP    | (ISP)                     | (138)  |
| Renesas | R5F21272SxFP    | [LQFP32]                  | (159)  |
| Renesas | R5F21272SxFP    | [LQFP32] (UART)           | (159)  |
| Renesas | R5F21274SxFP    | (ISP)                     | (138)  |
| Renesas | R5F21274SxFP    | [LQFP32]                  | (159)  |
| Renesas | R5F21274SxFP    | [LQFP32] (UART)           | (159)  |
| Renesas | R5F21274xFP     | (ISP)                     | (138)  |
| Renesas | R5F21274xFP     | [LQFP32]                  | (159)  |
| Renesas | R5F21274xFP     | [LQFP32] (UART)           | (159)  |
| Renesas | R5F21275SxFP    | (ISP)                     | (138)  |
| Renesas | R5F21275SxFP    | [LQFP32]                  | (159)  |
| Renesas | R5F21275SxFP    | [LQFP32] (UART)           | (159)  |
| Renesas | R5F21276SxFP    | (ISP)                     | (138)  |
| Renesas | R5F21276SxFP    | [LQFP32]                  | (159)  |
| Renesas | R5F21276SxFP    | [LQFP32] (UART)           | (159)  |
| Renesas | R5F21276xFP     | (ISP)                     | (138)  |
| Renesas | R5F21276xFP     | [LQFP32]                  | (159)  |
| Renesas | R5F21276xFP     | [LQFP32] (UART)           | (159)  |
| Renesas | R5F21282        | (ISP)                     | (138)  |
| Renesas | R5F21282S       | (ISP)                     | (138)  |
| Renesas | R5F21282SxSP    | [SSOP20]                  | (1089) |
| Renesas | R5F21282xSP     | [SSOP20]                  | (1089) |
| Renesas | R5F21284        | (ISP)                     | (138)  |
| Renesas | R5F21284S       | (ISP)                     | (138)  |
| Renesas | R5F21284SxSP    | [SSOP20]                  | (1089) |
| Renesas | R5F21284xSP     | [SSOP20]                  | (1089) |
| Renesas | R5F21292        | (ISP)                     | (138)  |
| Renesas | R5F21292S       | (ISP)                     | (138)  |
| Renesas | R5F21292S       | (ISP-single wire)         | (1433) |
| Renesas | R5F21292SxSP    | [SSOP20]                  | (1089) |
| Renesas | R5F21292xSP     | [SSOP20]                  | (1089) |
| Renesas | R5F21294        | (ISP)                     | (138)  |
| Renesas | R5F21294S       | (ISP)                     | (138)  |
| Renesas | R5F21294SxSP    | [SSOP20]                  | (1089) |
| Renesas | R5F21294xSP     | [SSOP20]                  | (1089) |
| Renesas | R5F212A7S       | (ISP)                     | (138)  |
| Renesas | R5F212A7SxFA    | [LQFP64]                  | (1097) |
| Renesas | R5F212A7SxFP    | [LQFP64]                  | (1205) |
| Renesas | R5F212A7SxxxxFA | [LQFP64]                  | (1097) |
| Renesas | R5F212A7SxxxxFP | [LQFP64]                  | (1205) |
| Renesas | R5F212A8S       | (ISP)                     | (138)  |
| Renesas | R5F212A8SxFA    | [LQFP64]                  | (1097) |
| Renesas | R5F212A8SxFP    | [LQFP64]                  | (1205) |
| Renesas | R5F212A8SxxxxFA | [LQFP64]                  | (1097) |
| Renesas | R5F212A8SxxxxFP | [LQFP64]                  | (1205) |
| Renesas | R5F212AAS       | (ISP)                     | (138)  |
| Renesas | R5F212AASxFA    | [LQFP64]                  | (1097) |
| Renesas | R5F212AASxFP    | [LQFP64]                  | (1205) |
| Renesas | R5F212AASxxxxFA | [LQFP64]                  | (1097) |
| Renesas | R5F212AASxxxxFP | [LQFP64]                  | (1205) |
| Renesas | R5F212ACS       | (ISP)                     | (138)  |
| Renesas | R5F212ACSxFA    | [LQFP64]                  | (1097) |
| Renesas | R5F212ACSxFP    | [LQFP64]                  | (1205) |
| Renesas | R5F212ACSxxxxFA | [LQFP64]                  | (1097) |
| Renesas | R5F212ACSxxxxFP | [LQFP64]                  | (1205) |
| Renesas | R5F212B7S       | (ISP)                     | (138)  |
| Renesas | R5F212B7SxFA    | [LQFP64]                  | (1097) |
| Renesas | R5F212B7SxFP    | [LQFP64]                  | (1205) |
| Renesas | R5F212B7SxxxxFA | [LQFP64]                  | (1097) |
| Renesas | R5F212B7SxxxxFP | [LQFP64]                  | (1205) |
| Renesas | R5F212B8S       | (ISP)                     | (138)  |
| Renesas | R5F212B8SxFA    | [LQFP64]                  | (1097) |
| Renesas | R5F212B8SxFP    | [LQFP64]                  | (1205) |
| Renesas | R5F212B8SxxxxFA | [LQFP64]                  | (1097) |
| Renesas | R5F212B8SxxxxFP | [LQFP64]                  | (1205) |
| Renesas | R5F212BAS       | (ISP)                     | (138)  |
| Renesas | R5F212BASxFA    | [LQFP64]                  | (1097) |
| Renesas | R5F212BASxFP    | [LQFP64]                  | (1205) |
| Renesas | R5F212BASxxxxFA | [LQFP64]                  | (1097) |
| Renesas | R5F212BASxxxxFP | [LQFP64]                  | (1205) |
| Renesas | R5F212BCS       | (ISP)                     | (138)  |
| Renesas | R5F212BCSxFA    | [LQFP64]                  | (1097) |
| Renesas | R5F212BCSxFP    | [LQFP64]                  | (1205) |
| Renesas | R5F212BCSxxxxFA | [LQFP64]                  | (1097) |
| Renesas | R5F212BCSxxxxFP | [LQFP64]                  | (1205) |
| Renesas | R5F212C7S       | (ISP)                     | (138)  |
| Renesas | R5F212C7SxFP    | [LQFP80]                  | (1115) |
| Renesas | R5F212C7SxxxxFP | [LQFP80]                  | (1115) |
| Renesas | R5F212C8S       | (ISP)                     | (138)  |
| Renesas | R5F212C8SxFP    | [LQFP80]                  | (1115) |
| Renesas | R5F212C8SxxxxFP | [LQFP80]                  | (1115) |
| Renesas | R5F212CAS       | (ISP)                     | (138)  |
| Renesas | R5F212CASxFP    | [LQFP80]                  | (1115) |
| Renesas | R5F212CASxxxxFP | [LQFP80]                  | (1115) |
| Renesas | R5F212CCS       | (ISP)                     | (138)  |
| Renesas | R5F212CCSxFP    | [LQFP80]                  | (1115) |
| Renesas | R5F212CCSxxxxFP | [LQFP80]                  | (1115) |
| Renesas | R5F212D7S       | (ISP)                     | (138)  |
| Renesas | R5F212D7SxFP    | [LQFP80]                  | (1115) |
| Renesas | R5F212D7SxxxxFP | [LQFP80]                  | (1115) |
| Renesas | R5F212D8S       | (ISP)                     | (138)  |
| Renesas | R5F212D8S       | (ISP-single wire)         | (1433) |
| Renesas | R5F212D8SxFP    | [LQFP80]                  | (1115) |



|         |                              |        |
|---------|------------------------------|--------|
| Renesas | R5F212D8SxxxxFP [LQFP80]     | (1115) |
| Renesas | R5F212DAS (ISP)              | (138)  |
| Renesas | R5F212DASxFP [LQFP80]        | (1115) |
| Renesas | R5F212DASxxxxFP [LQFP80]     | (1115) |
| Renesas | R5F212DCS (ISP)              | (138)  |
| Renesas | R5F212DCS (ISP-single wire)  | (1433) |
| Renesas | R5F212DCSxFP [LQFP80]        | (1115) |
| Renesas | R5F212DCSxxxxFP [LQFP80]     | (1115) |
| Renesas | R5F212K2S (ISP)              | (138)  |
| Renesas | R5F212K2SxFP [LQFP32]        | (1264) |
| Renesas | R5F212K2SxxxxFP [LQFP32]     | (1264) |
| Renesas | R5F212K4S (ISP)              | (138)  |
| Renesas | R5F212K4SxFP [LQFP32]        | (1264) |
| Renesas | R5F212K4SxxxxFP [LQFP32]     | (1264) |
| Renesas | R5F212L2S (ISP)              | (138)  |
| Renesas | R5F212L2SxFP [LQFP32]        | (1264) |
| Renesas | R5F212L2SxxxxFP [LQFP32]     | (1264) |
| Renesas | R5F212L4S (ISP)              | (138)  |
| Renesas | R5F212L4SxFP [LQFP32]        | (1264) |
| Renesas | R5F212L4SxxxxFP [LQFP32]     | (1264) |
| Renesas | R5F21331A (ISP)              | (138)  |
| Renesas | R5F21331AxFP [LQFP32]        | (159)  |
| Renesas | R5F21331AxFP [LQFP32] (UART) | (159)  |
| Renesas | R5F21331C (ISP)              | (138)  |
| Renesas | R5F21331CxFP [LQFP32]        | (159)  |
| Renesas | R5F21331D (ISP)              | (138)  |
| Renesas | R5F21331DxFP [LQFP32]        | (159)  |
| Renesas | R5F21332A (ISP)              | (138)  |
| Renesas | R5F21332AxFP [LQFP32]        | (159)  |
| Renesas | R5F21332AxFP [LQFP32] (UART) | (159)  |
| Renesas | R5F21332C (ISP)              | (138)  |
| Renesas | R5F21332CxFP [LQFP32]        | (159)  |
| Renesas | R5F21332D (ISP)              | (138)  |
| Renesas | R5F21332DxFP [LQFP32]        | (159)  |
| Renesas | R5F21334A (ISP)              | (138)  |
| Renesas | R5F21334AxFP [LQFP32]        | (159)  |
| Renesas | R5F21334AxFP [LQFP32] (UART) | (159)  |
| Renesas | R5F21334C (ISP)              | (138)  |
| Renesas | R5F21334CxFP [LQFP32]        | (159)  |
| Renesas | R5F21334D (ISP)              | (138)  |
| Renesas | R5F21334DxFP [LQFP32]        | (159)  |
| Renesas | R5F21334G (ISP)              | (138)  |
| Renesas | R5F21334GxFP [LQFP32]        | (159)  |
| Renesas | R5F21334H (ISP)              | (138)  |
| Renesas | R5F21334HxFP [LQFP32]        | (159)  |
| Renesas | R5F21335A (ISP)              | (138)  |
| Renesas | R5F21335AxFP [LQFP32]        | (159)  |
| Renesas | R5F21335AxFP [LQFP32] (UART) | (159)  |
| Renesas | R5F21335C (ISP)              | (138)  |
| Renesas | R5F21335CxFP [LQFP32]        | (159)  |
| Renesas | R5F21335D (ISP)              | (138)  |
| Renesas | R5F21335DxFP [LQFP32]        | (159)  |
| Renesas | R5F21336A (ISP)              | (138)  |
| Renesas | R5F21336AxFP [LQFP32]        | (159)  |
| Renesas | R5F21336AxFP [LQFP32] (UART) | (159)  |
| Renesas | R5F21336AxSP [SSOP32]        | (1521) |
| Renesas | R5F21336C (ISP)              | (138)  |
| Renesas | R5F21336CxFP [LQFP32]        | (159)  |
| Renesas | R5F21336D (ISP)              | (138)  |
| Renesas | R5F21336DxFP [LQFP32]        | (159)  |
| Renesas | R5F21336G (ISP)              | (138)  |
| Renesas | R5F21336GxFP [LQFP32]        | (159)  |
| Renesas | R5F21336H (ISP)              | (138)  |
| Renesas | R5F21336HxFP [LQFP32]        | (159)  |
| Renesas | R5F21338A (ISP)              | (138)  |
| Renesas | R5F21338AxSP [SSOP32]        | (1521) |
| Renesas | R5F2133CA (ISP)              | (138)  |
| Renesas | R5F2133CAxSP [SSOP32]        | (1521) |
| Renesas | R5F21346U (ISP)              | (138)  |
| Renesas | R5F21346UxFP [LQFP48]        | (174)  |
| Renesas | R5F21346W (ISP)              | (138)  |
| Renesas | R5F21346WxFP [LQFP48]        | (174)  |
| Renesas | R5F21346X (ISP)              | (138)  |
| Renesas | R5F21346XxFP [LQFP48]        | (174)  |
| Renesas | R5F21346Y (ISP)              | (138)  |
| Renesas | R5F21346YxFP [LQFP48]        | (174)  |
| Renesas | R5F21346Z (ISP)              | (138)  |
| Renesas | R5F21346ZxFP [LQFP48]        | (174)  |
| Renesas | R5F21347W (ISP)              | (138)  |
| Renesas | R5F21347WxFP [LQFP48]        | (174)  |
| Renesas | R5F21347X (ISP)              | (138)  |
| Renesas | R5F21347XxFP [LQFP48]        | (174)  |
| Renesas | R5F21347Y (ISP)              | (138)  |
| Renesas | R5F21347YxFP [LQFP48]        | (174)  |
| Renesas | R5F21347Z (ISP)              | (138)  |
| Renesas | R5F21347ZxFP [LQFP48]        | (174)  |
| Renesas | R5F21348K (ISP)              | (138)  |
| Renesas | R5F21348KxFP [LQFP48]        | (174)  |
| Renesas | R5F21348U (ISP)              | (138)  |
| Renesas | R5F21348UxFP [LQFP48]        | (174)  |
| Renesas | R5F21348W (ISP)              | (138)  |
| Renesas | R5F21348WxFP [LQFP48]        | (174)  |
| Renesas | R5F21348X (ISP)              | (138)  |
| Renesas | R5F21348XxFP [LQFP48]        | (174)  |
| Renesas | R5F21348Y (ISP)              | (138)  |
| Renesas | R5F21348YxFP [LQFP48]        | (174)  |
| Renesas | R5F21348Z (ISP)              | (138)  |
| Renesas | R5F21348ZxFP [LQFP48]        | (174)  |
| Renesas | R5F2134AW (ISP)              | (138)  |
| Renesas | R5F2134AWxFP [LQFP48]        | (174)  |
| Renesas | R5F2134AX (ISP)              | (138)  |
| Renesas | R5F2134AXxFP [LQFP48]        | (174)  |
| Renesas | R5F2134AY (ISP)              | (138)  |
| Renesas | R5F2134AYxFP [LQFP48]        | (174)  |
| Renesas | R5F2134AZ (ISP)              | (138)  |
| Renesas | R5F2134AZxFP [LQFP48]        | (174)  |
| Renesas | R5F2134CK (ISP)              | (138)  |
| Renesas | R5F2134CKxFP [LQFP48]        | (174)  |
| Renesas | R5F2134CW (ISP)              | (138)  |
| Renesas | R5F2134CWxFP [LQFP48]        | (174)  |
| Renesas | R5F2134CX (ISP)              | (138)  |
| Renesas | R5F2134CXxFP [LQFP48]        | (174)  |
| Renesas | R5F2134CY (ISP)              | (138)  |
| Renesas | R5F2134CYxFP [LQFP48]        | (174)  |
| Renesas | R5F2134CZ (ISP)              | (138)  |
| Renesas | R5F2134CZxFP [LQFP48]        | (174)  |
| Renesas | R5F21354A (ISP)              | (138)  |
| Renesas | R5F21354A (ISP-single wire)  | (1433) |
| Renesas | R5F21354AxFP [LQFP52]        | (1265) |
| Renesas | R5F21354C (ISP)              | (138)  |
| Renesas | R5F21354CxFP [LQFP52]        | (1265) |
| Renesas | R5F21354D (ISP)              | (138)  |
| Renesas | R5F21354DxFP [LQFP52]        | (1265) |
| Renesas | R5F21354M (ISP)              | (138)  |
| Renesas | R5F21354MxFP [LQFP52]        | (1265) |
| Renesas | R5F21355A (ISP)              | (138)  |
| Renesas | R5F21355AxFP [LQFP52]        | (1265) |
| Renesas | R5F21355C (ISP)              | (138)  |

|         |                                     |        |
|---------|-------------------------------------|--------|
| Renesas | R5F21355CxFP [LQFP52]               | (1265) |
| Renesas | R5F21355D (ISP)                     | (138)  |
| Renesas | R5F21355DxFP [LQFP52]               | (1265) |
| Renesas | R5F21355M (ISP)                     | (138)  |
| Renesas | R5F21355MxFP [LQFP52]               | (1265) |
| Renesas | R5F21356A (ISP)                     | (138)  |
| Renesas | R5F21356AxFP [LQFP52]               | (1265) |
| Renesas | R5F21356C (ISP)                     | (138)  |
| Renesas | R5F21356CxFP [LQFP52]               | (1265) |
| Renesas | R5F21356D (ISP)                     | (138)  |
| Renesas | R5F21356DxFP [LQFP52]               | (1265) |
| Renesas | R5F21356M (ISP)                     | (138)  |
| Renesas | R5F21356MxFP [LQFP52]               | (1265) |
| Renesas | R5F21357A (ISP)                     | (138)  |
| Renesas | R5F21357A (ISP-single wire)         | (1433) |
| Renesas | R5F21357AxFP [LQFP52]               | (1265) |
| Renesas | R5F21357C (ISP)                     | (138)  |
| Renesas | R5F21357CxFP [LQFP52]               | (1265) |
| Renesas | R5F21357M (ISP)                     | (138)  |
| Renesas | R5F21357MxFP [LQFP52]               | (1265) |
| Renesas | R5F21358A (ISP)                     | (138)  |
| Renesas | R5F21358A (ISP-single wire)         | (1433) |
| Renesas | R5F21358A (ISP-single wire, slower) | (138)  |
| Renesas | R5F21358AxFP [LQFP52]               | (1265) |
| Renesas | R5F21358C (ISP)                     | (138)  |
| Renesas | R5F21358CxFP [LQFP52]               | (1265) |
| Renesas | R5F21358M (ISP)                     | (138)  |
| Renesas | R5F21358MxFP [LQFP52]               | (1265) |
| Renesas | R5F2135AA (ISP)                     | (138)  |
| Renesas | R5F2135AAxFP [LQFP52]               | (1265) |
| Renesas | R5F2135AC (ISP)                     | (138)  |
| Renesas | R5F2135ACxFP [LQFP52]               | (1265) |
| Renesas | R5F2135CA (ISP)                     | (138)  |
| Renesas | R5F2135CAxFP [LQFP52]               | (1265) |
| Renesas | R5F2135CC (ISP)                     | (138)  |
| Renesas | R5F2135CCxFP [LQFP52]               | (1265) |
| Renesas | R5F21364A (ISP)                     | (138)  |
| Renesas | R5F21364AxFA [LQFP64]               | (2391) |
| Renesas | R5F21364AxFP [LQFP64]               | (1463) |
| Renesas | R5F21364C (ISP)                     | (138)  |
| Renesas | R5F21364CxFA [LQFP64]               | (2391) |
| Renesas | R5F21364CxFP [LQFP64]               | (1463) |
| Renesas | R5F21365A (ISP)                     | (138)  |
| Renesas | R5F21365AxFA [LQFP64]               | (2391) |
| Renesas | R5F21365AxFP [LQFP64]               | (1463) |
| Renesas | R5F21365C (ISP)                     | (138)  |
| Renesas | R5F21365CxFA [LQFP64]               | (2391) |
| Renesas | R5F21365CxFP [LQFP64]               | (1463) |
| Renesas | R5F21366A (ISP)                     | (138)  |
| Renesas | R5F21366AxFA [LQFP64]               | (2391) |
| Renesas | R5F21366AxFP [LQFP64]               | (1463) |
| Renesas | R5F21366C (ISP)                     | (138)  |
| Renesas | R5F21366CxFA [LQFP64]               | (2391) |
| Renesas | R5F21366CxFP [LQFP64]               | (1463) |
| Renesas | R5F21367A (ISP)                     | (138)  |
| Renesas | R5F21367AxFA [LQFP64]               | (2391) |
| Renesas | R5F21367AxFP [LQFP64]               | (1463) |
| Renesas | R5F21367C (ISP)                     | (138)  |
| Renesas | R5F21367CxFA [LQFP64]               | (2391) |
| Renesas | R5F21367CxFP [LQFP64]               | (1463) |
| Renesas | R5F21368A (ISP)                     | (138)  |
| Renesas | R5F21368AxFA [LQFP64]               | (2391) |
| Renesas | R5F21368AxFP [LQFP64]               | (1463) |
| Renesas | R5F21368C (ISP)                     | (138)  |
| Renesas | R5F21368CxFA [LQFP64]               | (2391) |
| Renesas | R5F21368CxFA [LQFP64] (UART)        | (2391) |
| Renesas | R5F21368CxFP [LQFP64]               | (1463) |
| Renesas | R5F21368E (ISP)                     | (138)  |
| Renesas | R5F21368ExFP [LQFP64]               | (1463) |
| Renesas | R5F21368F (ISP)                     | (138)  |
| Renesas | R5F21368FxFP [LQFP64]               | (1463) |
| Renesas | R5F21368G (ISP)                     | (138)  |
| Renesas | R5F21368GxFP [LQFP64]               | (1463) |
| Renesas | R5F21368H (ISP)                     | (138)  |
| Renesas | R5F21368HxFP [LQFP64]               | (1463) |
| Renesas | R5F21368S (ISP)                     | (138)  |
| Renesas | R5F21368SxFA [LQFP64]               | (2391) |
| Renesas | R5F21368SxFP [LQFP64]               | (1463) |
| Renesas | R5F21368W (ISP)                     | (138)  |
| Renesas | R5F21368wxFP [LQFP64]               | (1463) |
| Renesas | R5F21368X (ISP)                     | (138)  |
| Renesas | R5F21368xxFP [LQFP64]               | (1463) |
| Renesas | R5F21368Y (ISP)                     | (138)  |
| Renesas | R5F21368YxFP [LQFP64]               | (1463) |
| Renesas | R5F21368Z (ISP)                     | (138)  |
| Renesas | R5F21368ZxFP [LQFP64]               | (1463) |
| Renesas | R5F2136AA (ISP)                     | (138)  |
| Renesas | R5F2136AAxFA [LQFP64]               | (2391) |
| Renesas | R5F2136AAxFP [LQFP64]               | (1463) |
| Renesas | R5F2136AC (ISP)                     | (138)  |
| Renesas | R5F2136ACxFA [LQFP64]               | (2391) |
| Renesas | R5F2136ACxFP [LQFP64]               | (1463) |
| Renesas | R5F2136AE (ISP)                     | (138)  |
| Renesas | R5F2136AExFP [LQFP64]               | (1463) |
| Renesas | R5F2136AF (ISP)                     | (138)  |
| Renesas | R5F2136AFxFP [LQFP64]               | (1463) |
| Renesas | R5F2136AG (ISP)                     | (138)  |
| Renesas | R5F2136AGxFP [LQFP64]               | (1463) |
| Renesas | R5F2136AH (ISP)                     | (138)  |
| Renesas | R5F2136AHxFP [LQFP64]               | (1463) |
| Renesas | R5F2136AS (ISP)                     | (138)  |
| Renesas | R5F2136ASxFA [LQFP64]               | (2391) |
| Renesas | R5F2136ASxFP [LQFP64]               | (1463) |
| Renesas | R5F2136AW (ISP)                     | (138)  |
| Renesas | R5F2136AX (ISP)                     | (138)  |
| Renesas | R5F2136AXxFP [LQFP64]               | (1463) |
| Renesas | R5F2136AY (ISP)                     | (138)  |
| Renesas | R5F2136AYxFP [LQFP64]               | (1463) |
| Renesas | R5F2136AZ (ISP)                     | (138)  |
| Renesas | R5F2136AZxFP [LQFP64]               | (1463) |
| Renesas | R5F2136CA (ISP)                     | (138)  |
| Renesas | R5F2136CAxFA [LQFP64]               | (2391) |
| Renesas | R5F2136CAxFP [LQFP64]               | (1463) |
| Renesas | R5F2136CC (ISP)                     | (138)  |
| Renesas | R5F2136CCxFA [LQFP64]               | (2391) |
| Renesas | R5F2136CCxFP [LQFP64]               | (1463) |
| Renesas | R5F2136CE (ISP)                     | (138)  |
| Renesas | R5F2136CExFP [LQFP64]               | (1463) |
| Renesas | R5F2136CF (ISP)                     | (138)  |
| Renesas | R5F2136CFxFP [LQFP64]               | (1463) |
| Renesas | R5F2136CG (ISP)                     | (138)  |
| Renesas | R5F2136CGxFP [LQFP64]               | (1463) |
| Renesas | R5F2136CH (ISP)                     | (138)  |
| Renesas | R5F2136CHxFP [LQFP64]               | (1463) |
| Renesas | R5F2136CS (ISP)                     | (138)  |
| Renesas | R5F2136CSxFA [LQFP64]               | (2391) |
| Renesas | R5F2136CSxFP [LQFP64]               | (1463) |
| Renesas | R5F2136CW (ISP)                     | (138)  |

|         |                              |              |
|---------|------------------------------|--------------|
| Renesas | R5F2136CX (ISP)              | (138)        |
| Renesas | R5F2136CXxFP [LQFP64]        | (1463)       |
| Renesas | R5F2136CY (ISP)              | (138)        |
| Renesas | R5F2136CYxFP [LQFP64]        | (1463)       |
| Renesas | R5F2136CZ (ISP)              | (138)        |
| Renesas | R5F2136CZxFP [LQFP64]        | (1463)       |
| Renesas | R5F213J2C (ISP)              | (138)        |
| Renesas | R5F213J2CxNP [QFN36]         | (2381)       |
| Renesas | R5F213J4C (ISP)              | (138)        |
| Renesas | R5F213J4CxNP [QFN36]         | (2381)       |
| Renesas | R5F213J4T (ISP)              | (138)        |
| Renesas | R5F213J4TxNP [QFN40]         | (2626)       |
| Renesas | R5F213J5C (ISP)              | (138)        |
| Renesas | R5F213J5CxNP [QFN36]         | (2381)       |
| Renesas | R5F213J5T (ISP)              | (138)        |
| Renesas | R5F213J5TxNP [QFN40]         | (2626)       |
| Renesas | R5F213J6C (ISP)              | (138)        |
| Renesas | R5F213J6CxNP [QFN36]         | (2381)       |
| Renesas | R5F213J6T (ISP)              | (138)        |
| Renesas | R5F213J6TxNP [QFN40]         | (2626)       |
| Renesas | R5F2L387C (ISP)              | (138) (9997) |
| Renesas | R5F2L387CxFP [LQFP80]        | (2705)       |
| Renesas | R5F2L388C (ISP)              | (138) (9997) |
| Renesas | R5F2L388CxFP [LQFP80]        | (2705)       |
| Renesas | R5F2L38AC (ISP)              | (138) (9997) |
| Renesas | R5F2L38ACxFP [LQFP80]        | (2705)       |
| Renesas | R5F2L38CC (ISP)              | (138) (9997) |
| Renesas | R5F2L38CCxFP [LQFP80]        | (2705)       |
| Renesas | R5F2LA52A (ISP)              | (138) (9997) |
| Renesas | R5F2LA54A (ISP)              | (138) (9997) |
| Renesas | R5F2LA56A (ISP)              | (138) (9997) |
| Renesas | R5F2LA58A (ISP)              | (138) (9997) |
| Renesas | R5F2LA64AxFP (ISP)           | (138)        |
| Renesas | R5F2LA64AxFP [LQFP64]        | (2764)       |
| Renesas | R5F2LA66AxFP (ISP)           | (138)        |
| Renesas | R5F2LA66AxFP [LQFP64]        | (2764)       |
| Renesas | R5F2LA67AxFP (ISP)           | (138)        |
| Renesas | R5F2LA67AxFP [LQFP64]        | (2764)       |
| Renesas | R5F2LA68AxFP (ISP)           | (138)        |
| Renesas | R5F2LA68AxFP [LQFP64]        | (2764)       |
| Renesas | R5F2LA84A (ISP)              | (138) (9997) |
| Renesas | R5F2LA86A (ISP)              | (138) (9997) |
| Renesas | R5F2LA87A (ISP)              | (138) (9997) |
| Renesas | R5F2LA88A (ISP)              | (138) (9997) |
| Renesas | R5F2LA8AA (ISP)              | (138) (9997) |
| Renesas | R5F2LA8CA (ISP)              | (138) (9997) |
| Renesas | R5F2LAP6RNSP (ISP)           | (138)        |
| Renesas | R5F2LAP6RNSP [SSOP30]        | (2354)       |
| Renesas | R5F2LAP6SNSP (ISP)           | (138)        |
| Renesas | R5F2LAP6SNSP [SSOP30]        | (2354)       |
| Renesas | R5F2LAP7RNSP (ISP)           | (138)        |
| Renesas | R5F2LAP7RNSP [SSOP30]        | (2354)       |
| Renesas | R5F2LAP7SNSP (ISP)           | (138)        |
| Renesas | R5F2LAP7SNSP [SSOP30]        | (2354)       |
| Renesas | R5F2LAP8RNSP (ISP)           | (138)        |
| Renesas | R5F2LAP8RNSP [SSOP30]        | (2354)       |
| Renesas | R5F2LAP8SNSP (ISP)           | (138)        |
| Renesas | R5F2LAP8SNSP [SSOP30]        | (2354)       |
| Renesas | R5F2LAPASNSP (ISP)           | (138)        |
| Renesas | R5F2LAPASNSP [SSOP30]        | (2354)       |
| Renesas | R5F2LAPCSNSP (ISP)           | (138)        |
| Renesas | R5F2LAPCSNSP [SSOP30]        | (2354)       |
| Renesas | R5F2M110ANDD                 |              |
| Renesas | R5F2M110ANDD (ISP)           | (138)        |
| Renesas | R5F2M110AxSP (ISP)           | (138)        |
| Renesas | R5F2M110AxSP [TSSOP14]       | (1087)       |
| Renesas | R5F2M111ANDD                 |              |
| Renesas | R5F2M111ANDD (ISP)           | (138)        |
| Renesas | R5F2M111AxSP (ISP)           | (138)        |
| Renesas | R5F2M111AxSP [TSSOP14]       | (1087)       |
| Renesas | R5F2M112ANDD                 |              |
| Renesas | R5F2M112ANDD (ISP)           | (138)        |
| Renesas | R5F2M112AxSP (ISP)           | (138)        |
| Renesas | R5F2M112AxSP [TSSOP14]       | (1087)       |
| Renesas | R5F2M120ANDD                 |              |
| Renesas | R5F2M120ANDD (ISP)           | (138)        |
| Renesas | R5F2M120AxSP (ISP)           | (138)        |
| Renesas | R5F2M120AxSP [TSSOP20]       | (1089)       |
| Renesas | R5F2M121ANDD                 |              |
| Renesas | R5F2M121ANDD (ISP)           | (138)        |
| Renesas | R5F2M121AxSP (ISP)           | (138)        |
| Renesas | R5F2M121AxSP [TSSOP20]       | (1089)       |
| Renesas | R5F2M122ANDD                 |              |
| Renesas | R5F2M122ANDD (ISP)           | (138)        |
| Renesas | R5F2M122AxSP (ISP)           | (138)        |
| Renesas | R5F2M122AxSP [TSSOP20]       | (1089)       |
| Renesas | R5F2M131B (ISP)              | (138) (9997) |
| Renesas | R5F2M131BxFP [LQFP32]        | (1264)       |
| Renesas | R5F2M132B (ISP)              | (138) (9997) |
| Renesas | R5F2M132BxFP [LQFP32]        | (1264)       |
| Renesas | R5F2M134B (ISP)              | (138) (9997) |
| Renesas | R5F2M134BxFP [LQFP32]        | (1264)       |
| Renesas | R5F35M16xFB [LQFP100] (UART) | (4328)       |
| Renesas | R5F35M1ExFB [LQFP100] (UART) | (4328)       |
| Renesas | R5F35M66xFB [LQFP100] (UART) | (4328)       |
| Renesas | R5F35M6ExFB [LQFP100] (UART) | (4328)       |
| Renesas | R5F35MA6xFB [LQFP100] (UART) | (4328)       |
| Renesas | R5F35MAExFB [LQFP100] (UART) | (4328)       |
| Renesas | R5F35MD6xFB [LQFP100] (UART) | (4328)       |
| Renesas | R5F35MDExFB [LQFP100] (UART) | (4328)       |
| Renesas | R5F363A6xFA [QFP100]         | (2418)       |
| Renesas | R5F363A6xFB [LQFP100]        | (1534)       |
| Renesas | R5F363AExFA [QFP100]         | (2418)       |
| Renesas | R5F363AExFB [LQFP100]        | (1534)       |
| Renesas | R5F363AKxFA [QFP100]         | (2418)       |
| Renesas | R5F363AKxFB [LQFP100]        | (1534)       |
| Renesas | R5F363AMxFA [QFP100]         | (2418)       |
| Renesas | R5F363AMxFB [LQFP100]        | (1534)       |
| Renesas | R5F36406DFB [LQFP100]        | (1534)       |
| Renesas | R5F36406NFB [LQFP100]        | (1534)       |
| Renesas | R5F36406xFA [QFP100]         | (2418)       |
| Renesas | R5F3640DDFB [LQFP100]        | (1534)       |
| Renesas | R5F3640DNFB [LQFP100]        | (1534)       |
| Renesas | R5F3640DxFA [QFP100]         | (2418)       |
| Renesas | R5F3640MDFB [LQFP100]        | (1534)       |
| Renesas | R5F3640MNFB (ISP)            | (138)        |
| Renesas | R5F3640MNFB [LQFP100]        | (1534)       |
| Renesas | R5F3640MxFA [QFP100]         | (2418)       |
| Renesas | R5F364A6xFA [QFP100]         | (2418)       |
| Renesas | R5F364A6xFB [LQFP100]        | (1534)       |
| Renesas | R5F364AEDFA (ISP)            | (138)        |
| Renesas | R5F364AEDFB (ISP)            | (138)        |
| Renesas | R5F364AENFA (ISP)            | (138)        |
| Renesas | R5F364AENFB (ISP)            | (138)        |
| Renesas | R5F364AExFA [QFP100]         | (2418)       |
| Renesas | R5F364AExFB [LQFP100]        | (1534)       |
| Renesas | R5F364AKxFA [QFP100]         | (2418)       |
| Renesas | R5F364AKxFB [LQFP100]        | (1534)       |

|         |              |            |        |
|---------|--------------|------------|--------|
| Renesas | R5F364AMXFA  | [QFP100]   | (2418) |
| Renesas | R5F364AMXFB  | [LQFP100]  | (1534) |
| Renesas | R5F36506XFA  | [QFP100]   | (2418) |
| Renesas | R5F36506XFB  | [LQFP100]  | (1534) |
| Renesas | R5F3650EXFA  | [QFP100]   | (2418) |
| Renesas | R5F3650EXFB  | [LQFP100]  | (1534) |
| Renesas | R5F3650KXFA  | [QFP100]   | (2418) |
| Renesas | R5F3650KXFB  | [LQFP100]  | (1534) |
| Renesas | R5F3650MXFA  | [QFP100]   | (2418) |
| Renesas | R5F3650MXFB  | [LQFP100]  | (1534) |
| Renesas | R5F3650NXFA  | [QFP100]   | (2418) |
| Renesas | R5F3650NXFB  | [LQFP100]  | (1534) |
| Renesas | R5F3650RXFA  | [QFP100]   | (2418) |
| Renesas | R5F3650RXFB  | [LQFP100]  | (1534) |
| Renesas | R5F3650TXFA  | [QFP100]   | (2418) |
| Renesas | R5F3650TXFB  | [LQFP100]  | (1534) |
| Renesas | R5F36CA6DFB  | [LQFP100]  | (1534) |
| Renesas | R5F36CA6NFB  | [LQFP100]  | (1534) |
| Renesas | R5F36CA6XFA  | [QFP100]   | (2418) |
| Renesas | R5F36CAEXFA  | [QFP100]   | (2418) |
| Renesas | R5F36CAEXFB  | [LQFP100]  | (1534) |
| Renesas | R5F36CAKXFA  | [QFP100]   | (2418) |
| Renesas | R5F36CAKXFB  | [LQFP100]  | (1534) |
| Renesas | R5F36CAMXFA  | [QFP100]   | (2418) |
| Renesas | R5F36CAMXFB  | [LQFP100]  | (1534) |
| Renesas | R5F51111AxFL | [LFQFP48]  | (4359) |
| Renesas | R5F51113AxFL | [LFQFP48]  | (4359) |
| Renesas | R5F51114AxFL | [LFQFP48]  | (4359) |
| Renesas | R5F51115AxFL | [LFQFP48]  | (4359) |
| Renesas | R5F51116AxFL | [LFQFP48]  | (4359) |
| Renesas | R5F51117AxFL | [LFQFP48]  | (4359) |
| Renesas | R5F51118AxFL | [LFQFP48]  | (4359) |
| Renesas | R5F5111JAxFL | [LFQFP48]  | (4359) |
| Renesas | R5F51135AxFM | [LFQFP64]  | (3746) |
| Renesas | R5F51135AxFP | [LFQFP100] | (3659) |
| Renesas | R5F51135AxLJ | [TFLGA100] | (4327) |
| Renesas | R5F51136AxFM | [LFQFP64]  | (3746) |
| Renesas | R5F51136AxFP | [LFQFP100] | (3659) |
| Renesas | R5F51136AxLJ | [TFLGA100] | (4327) |
| Renesas | R5F51137AxFM | [LFQFP64]  | (3746) |
| Renesas | R5F51137AxFP | [LFQFP100] | (3659) |
| Renesas | R5F51137AxLJ | [TFLGA100] | (4327) |
| Renesas | R5F51138AxFM | [LFQFP64]  | (3746) |
| Renesas | R5F51138AxFP | [LFQFP100] | (3659) |
| Renesas | R5F51138AxLJ | [TFLGA100] | (4327) |
| Renesas | R5F51303AxFL | [LFQFP48]  | (4991) |
| Renesas | R5F51305AxFL | [LFQFP48]  | (4991) |
| Renesas | R5F51306BxFL | [LFQFP48]  | (4991) |
| Renesas | R5F51307AxFL | [LFQFP48]  | (4991) |
| Renesas | R5F51308AxFL | [LFQFP48]  | (4991) |
| Renesas | R5F52105BxFB | [LQFP144]  | (2707) |
| Renesas | R5F52105BxFB | [LQFP144]  | (2707) |
| Renesas | R5F52105xxFL | [LQFP48]   | (4030) |
| Renesas | R5F52105xxFM | [LQFP64]   | (3314) |
| Renesas | R5F52105xxFN | [LFQFP80]  | (3222) |
| Renesas | R5F52106BxFB | [LQFP144]  | (2707) |
| Renesas | R5F52106BxFB | [LQFP144]  | (2707) |
| Renesas | R5F52106xxFL | [LQFP48]   | (4030) |
| Renesas | R5F52106xxFM | [LQFP64]   | (3314) |
| Renesas | R5F52106xxFN | [LFQFP80]  | (3222) |
| Renesas | R5F52107BxFB | [LQFP144]  | (2707) |
| Renesas | R5F52107BxFB | [LQFP144]  | (2707) |
| Renesas | R5F52107xxFL | [LQFP48]   | (4030) |
| Renesas | R5F52107xxFM | [LQFP64]   | (3314) |
| Renesas | R5F52107xxFN | [LFQFP80]  | (3222) |
| Renesas | R5F52108BxFB | [LQFP144]  | (2707) |
| Renesas | R5F52108BxFB | [LQFP144]  | (2707) |
| Renesas | R5F52108CxFP | [LQFP100]  | (3151) |
| Renesas | R5F52108CxFP | [LQFP100]  | (3151) |
| Renesas | R5F52108xxFL | [LQFP48]   | (4030) |
| Renesas | R5F52108xxFM | [LQFP64]   | (3314) |
| Renesas | R5F52108xxFN | [LFQFP80]  | (3222) |
| Renesas | R5F5210ABxFB | [LQFP144]  | (2707) |
| Renesas | R5F5210ABxFB | [LQFP144]  | (2707) |
| Renesas | R5F5210BBxFB | [LQFP144]  | (2707) |
| Renesas | R5F5210BBxFB | [LQFP144]  | (2707) |
| Renesas | R5F5210BBxFP | [LQFP100]  | (3151) |
| Renesas | R5F5210BBxFP | [LQFP100]  | (3151) |
| Renesas | R5F521A6xxFP | [LFQFP100] | (4915) |
| Renesas | R5F521A7xxFP | [LFQFP100] | (4915) |
| Renesas | R5F521A8xxFP | [LFQFP100] | (4915) |
| Renesas | R5F52201BxFM | [LQFP64]   | (3314) |
| Renesas | R5F52203BxFM | [LQFP64]   | (3314) |
| Renesas | R5F52205BxFM | [LQFP64]   | (3314) |
| Renesas | R5F52206BxFM | [LQFP64]   | (3314) |
| Renesas | R5F52315AxFP | [LFQFP100] | (4847) |
| Renesas | R5F52315AxFP | [LFQFP100] | (4847) |
| Renesas | R5F52315BxFP | [LFQFP100] | (4847) |
| Renesas | R5F52315BxFP | [LFQFP100] | (4847) |
| Renesas | R5F52316AxFP | [LFQFP100] | (4847) |
| Renesas | R5F52316AxFP | [LFQFP100] | (4847) |
| Renesas | R5F52316BxFP | [LFQFP100] | (4847) |
| Renesas | R5F52316BxFP | [LFQFP100] | (4847) |
| Renesas | R5F52317AxFP | [LFQFP100] | (4847) |
| Renesas | R5F52317AxFP | [LFQFP100] | (4847) |
| Renesas | R5F52317BxFP | [LFQFP100] | (4847) |
| Renesas | R5F52317BxFP | [LFQFP100] | (4847) |
| Renesas | R5F52318AxFP | [LFQFP100] | (4847) |
| Renesas | R5F52318AxFP | [LFQFP100] | (4847) |
| Renesas | R5F52318BxFP | [LFQFP100] | (4847) |
| Renesas | R5F52318BxFP | [LFQFP100] | (4847) |
| Renesas | R5F524T8AxFF | [LQFP80]   | (4237) |
| Renesas | R5F524T8AxFM | [LQFP64]   | (4606) |
| Renesas | R5F524TAAXFF | [LQFP80]   | (4237) |
| Renesas | R5F524TAAXFM | [LQFP64]   | (4606) |
| Renesas | R5F524UBAxFB | [LFQFP144] | (4864) |
| Renesas | R5F524UBAxFB | [LFQFP144] | (4864) |
| Renesas | R5F524UBAxFP | [LFQFP100] | (4821) |
| Renesas | R5F524UBAxFP | [LFQFP100] | (4821) |
| Renesas | R5F524UCAXFB | [LFQFP144] | (4864) |
| Renesas | R5F524UCAXFB | [LFQFP144] | (4864) |
| Renesas | R5F524UCAXFP | [LFQFP100] | (4821) |
| Renesas | R5F524UCAXFP | [LFQFP100] | (4821) |
| Renesas | R5F524UEAXFB | [LFQFP144] | (4864) |
| Renesas | R5F524UEAXFB | [LFQFP144] | (4864) |
| Renesas | R5F524UEAXFP | [LFQFP100] | (4821) |
| Renesas | R5F524UEAXFP | [LFQFP100] | (4821) |
| Renesas | R5F56216ADFB | [LQFP144]  | (2409) |
| Renesas | R5F56216BDFB | [LQFP144]  | (2409) |
| Renesas | R5F56216xDBG | [LFBGA176] | (2723) |
| Renesas | R5F56217ADFB | [LQFP144]  | (2409) |
| Renesas | R5F56217BDFB | [LQFP144]  | (2409) |
| Renesas | R5F56217xDBG | [LFBGA176] | (2723) |
| Renesas | R5F56218ADFB | [LQFP144]  | (2409) |
| Renesas | R5F56218BDFB | [LQFP144]  | (2409) |
| Renesas | R5F56218xDBG | [LFBGA176] | (2723) |
| Renesas | R5F562N7ADFB | [LQFP144]  | (2409) |
| Renesas | R5F562N7BDFB | [LQFP144]  | (2409) |

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|         |               |            |           |              |
|---------|---------------|------------|-----------|--------------|
| Renesas | R5F563NBxxBG  | [LFBGA176] | Boot mode | (3144)       |
| Renesas | R5F563NBxxFB  | [LQFP144]  |           | (2707)       |
| Renesas | R5F563NBxxFB  | [LQFP144]  | Boot mode | (2707)       |
| Renesas | R5F563NBxxFC  | [LQFP176]  |           | (3568)       |
| Renesas | R5F563NBxxFC  | [LQFP176]  | Boot mode | (3568)       |
| Renesas | R5F563NDxxBG  | [LFBGA176] |           | (3144)       |
| Renesas | R5F563NDxxBG  | [LFBGA176] | Boot mode | (3144)       |
| Renesas | R5F563NDxxFB  | [LQFP144]  |           | (2707)       |
| Renesas | R5F563NDxxFB  | [LQFP144]  | Boot mode | (2707)       |
| Renesas | R5F563NDxxFC  | [LQFP176]  |           | (3568)       |
| Renesas | R5F563NDxxFC  | [LQFP176]  | Boot mode | (3568)       |
| Renesas | R5F563NExxBG  | [LFBGA176] |           | (3144)       |
| Renesas | R5F563NExxBG  | [LFBGA176] | Boot mode | (3144)       |
| Renesas | R5F563NExxFB  | [LQFP144]  |           | (2707)       |
| Renesas | R5F563NExxFB  | [LQFP144]  | Boot mode | (2707)       |
| Renesas | R5F563NExxFC  | [LQFP176]  |           | (3568)       |
| Renesas | R5F563NExxFC  | [LQFP176]  | Boot mode | (3568)       |
| Renesas | R5F563NFxxFB  | [LQFP144]  |           | (2707)       |
| Renesas | R5F563NFxxFB  | [LQFP144]  | Boot mode | (2707)       |
| Renesas | R5F563NFxxFC  | [LQFP176]  |           | (3568)       |
| Renesas | R5F563NFxxFC  | [LQFP176]  | Boot mode | (3568)       |
| Renesas | R5F563NKxxFB  | [LQFP144]  |           | (2707)       |
| Renesas | R5F563NKxxFB  | [LQFP144]  | Boot mode | (2707)       |
| Renesas | R5F563NwxxFB  | [LQFP144]  |           | (2707)       |
| Renesas | R5F563NwxxFB  | [LQFP144]  | Boot mode | (2707)       |
| Renesas | R5F563NYxxFB  | [LQFP144]  |           | (2707)       |
| Renesas | R5F563NYxxFB  | [LQFP144]  | Boot mode | (2707)       |
| Renesas | R5F563T4ExFL  | [LQFP48]   | Boot mode | (4330)       |
| Renesas | R5F563T5ExFL  | [LQFP48]   | Boot mode | (4330)       |
| Renesas | R5F563T6ExFL  | [LQFP48]   | Boot mode | (4330)       |
| Renesas | R5F563TBAXFP  | [LQFP100]  |           | (3447)       |
| Renesas | R5F563TBBxFP  | [LQFP100]  |           | (3447)       |
| Renesas | R5F563TBDxFP  | [LQFP100]  |           | (3447)       |
| Renesas | R5F563TBExFP  | [LQFP100]  |           | (3447)       |
| Renesas | R5F563TCAXFP  | [LQFP100]  |           | (3447)       |
| Renesas | R5F563TCBxFP  | [LQFP100]  |           | (3447)       |
| Renesas | R5F563TCDxFP  | [LQFP100]  |           | (3447)       |
| Renesas | R5F563TCExFP  | [LQFP100]  |           | (3447)       |
| Renesas | R5F563TEAXFP  | [LQFP100]  |           | (3447)       |
| Renesas | R5F563TEBxFP  | [LQFP100]  |           | (3447)       |
| Renesas | R5F563TEDxFP  | [LQFP100]  |           | (3447)       |
| Renesas | R5F563TEExFP  | [LQFP100]  |           | (3447)       |
| Renesas | R5F564MFxxFC  | [LQFP176]  |           | (3367)       |
| Renesas | R5F564MFxxLK  | [LGA145]   |           | (4585)       |
| Renesas | R5F564MGxxFC  | [LQFP176]  |           | (3367)       |
| Renesas | R5F564MGxxLK  | [LGA145]   |           | (4585)       |
| Renesas | R5F564MJxxFC  | [LQFP176]  |           | (3367)       |
| Renesas | R5F564MJxxLK  | [LGA145]   |           | (4585)       |
| Renesas | R5F564MLxxFC  | [LQFP176]  |           | (3367)       |
| Renesas | R5F564MLxxLK  | [LGA145]   |           | (4585)       |
| Renesas | R5F56514xxFP  | [LQFP100]  |           | (4871)       |
| Renesas | R5F56514xxFP  | [LQFP100]  | Boot mode | (4871)       |
| Renesas | R5F56517xxFP  | [LQFP100]  |           | (4871)       |
| Renesas | R5F56517xxFP  | [LQFP100]  | Boot mode | (4871)       |
| Renesas | R5F56519xxFP  | [LQFP100]  |           | (4871)       |
| Renesas | R5F56519xxFP  | [LQFP100]  | Boot mode | (4871)       |
| Renesas | R5F5651CxxFP  | [LQFP100]  |           | (4871)       |
| Renesas | R5F5651CxxFP  | [LQFP100]  | Boot mode | (4871)       |
| Renesas | R5F5651ExxFP  | [LQFP100]  |           | (4871)       |
| Renesas | R5F5651ExxFP  | [LQFP100]  | Boot mode | (4871)       |
| Renesas | R5F565N4xxFP  | [LQFP100]  |           | (4871)       |
| Renesas | R5F565N4xxFP  | [LQFP100]  | Boot mode | (4871)       |
| Renesas | R5F565N7xxFP  | [LQFP100]  |           | (4871)       |
| Renesas | R5F565N7xxFP  | [LQFP100]  | Boot mode | (4871)       |
| Renesas | R5F565N9xxFP  | [LQFP100]  |           | (4871)       |
| Renesas | R5F565N9xxFP  | [LQFP100]  | Boot mode | (4871)       |
| Renesas | R5F565NCxxFP  | [LQFP100]  |           | (4871)       |
| Renesas | R5F565NCxxFP  | [LQFP100]  | Boot mode | (4871)       |
| Renesas | R5F565NExxFP  | [LQFP100]  |           | (4871)       |
| Renesas | R5F565NExxFP  | [LQFP100]  | Boot mode | (4871)       |
| Renesas | R5F566TAAXFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TABxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TACxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TAEExFP | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TAFxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TAGxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TEAXFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TEBxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TEExFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TEFxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TFAXFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TFBxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TFCxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TFExFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TFFxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TFGxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TKAXFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TKBxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TKCxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TKExFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TKFxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F566TKGxFP  | [LQFP100]  |           | (4780)       |
| Renesas | R5F571MFxxFB  | [LQFP144]  |           | (4846)       |
| Renesas | R5F571MGxxFB  | [LQFP144]  |           | (4846)       |
| Renesas | R5F571MJxxFB  | [LQFP144]  |           | (4846)       |
| Renesas | R5F571MLxxFB  | [LQFP144]  |           | (4846)       |
| Renesas | R5F61543FPV   | [LQFP144]  |           | (1580)       |
| Renesas | R5F61544FPV   | [LQFP144]  |           | (1580)       |
| Renesas | R5F61656CFT   | [TQFP120]  |           | (4496)       |
| Renesas | R5F61657CFT   | [TQFP120]  |           | (4496)       |
| Renesas | R5F61662MxxFP | [LQFP144]  |           | (4069)       |
| Renesas | R5F61662xxxFP | [LQFP144]  |           | (4069)       |
| Renesas | R5F61663FP    | [LQFP144]  |           | (3042)       |
| Renesas | R5F61663RxxFP | [LQFP144]  |           | (3042)       |
| Renesas | R5F61664FP    | [LQFP144]  |           | (3042)       |
| Renesas | R5F61664RxxFP | [LQFP144]  |           | (3042)       |
| Renesas | R5F61665MxxFP | [LQFP144]  |           | (4069)       |
| Renesas | R5F61665xxxFP | [LQFP144]  |           | (4069)       |
| Renesas | R5F61668RxxFP | [LQFP144]  |           | (3042)       |
| Renesas | R5F61721FP    | [LQFP100]  |           | (2911)       |
| Renesas | R5F61721SFP   | [LQFP100]  |           | (2911)       |
| Renesas | R5F61725FP    | [LQFP100]  |           | (2911)       |
| Renesas | R5F61725SFP   | [LQFP100]  |           | (2911)       |
| Renesas | R5F61726FP    | [LQFP100]  |           | (2911)       |
| Renesas | R5F61727FP    | [LQFP100]  |           | (2911)       |
| Renesas | R5F61727SFP   | [LQFP100]  |           | (2911)       |
| Renesas | R5F64110DFB   | [LQFP100]  |           | (1292)       |
| Renesas | R5F64110xFB   | (ISP-UART) |           | (138) (9997) |
| Renesas | R5F64111DFB   | [LQFP100]  |           | (1292)       |
| Renesas | R5F64111xFB   | (ISP-UART) |           | (138) (9997) |
| Renesas | R5F64112DFB   | [LQFP100]  |           | (1292)       |
| Renesas | R5F64112xFB   | (ISP-UART) |           | (138) (9997) |
| Renesas | R5F64114DFB   | [LQFP100]  |           | (1292)       |
| Renesas | R5F64114xFB   | (ISP-UART) |           | (138) (9997) |
| Renesas | R5F64115DFB   | [LQFP100]  |           | (1292)       |
| Renesas | R5F64115xFB   | (ISP-UART) |           | (138) (9997) |
| Renesas | R5F64116DFB   | [LQFP100]  |           | (1292)       |
| Renesas | R5F64116xFB   | (ISP-UART) |           | (138) (9997) |

|         |                       |           |              |
|---------|-----------------------|-----------|--------------|
| Renesas | R5F64165HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64165HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64165xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64165xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64166HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64166HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64166xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64166xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64167HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64167HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64167xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64167xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64168HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64168HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64168xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64168xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64169HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64169HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64169xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64169xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64175HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64175HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64175xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64175xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64176DFB           | [LQFP100] | (1292)       |
| Renesas | R5F64176HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64176HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64176NFB           | [LQFP100] | (1292)       |
| Renesas | R5F64176PFB           | [LQFP100] | (1292)       |
| Renesas | R5F64176xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64177HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64177HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64177xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64177xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64178HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64178HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64178xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64178xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64179HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64179HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64179xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64179xFD           | [LQFP144] | (2328)       |
| Renesas | R5F6417AHxFB          | [LQFP100] | (1292)       |
| Renesas | R5F6417AxFB           | [LQFP100] | (1292)       |
| Renesas | R5F6417BHxFB          | [LQFP100] | (1292)       |
| Renesas | R5F6417BxFB           | [LQFP100] | (1292)       |
| Renesas | R5F64185HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64185HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64185xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64185xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64186HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64186HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64186xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64186xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64187HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64187HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64187xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64187xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64188HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64188HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64188xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64188xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64189HxFB          | [LQFP100] | (1292)       |
| Renesas | R5F64189HxFD          | [LQFP144] | (2328)       |
| Renesas | R5F64189xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64189xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64210xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64211xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64212xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64213xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64216xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64217xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64218xFB           | [LQFP100] | (1292)       |
| Renesas | R5F64219xFB           | [LQFP100] | (1292)       |
| Renesas | R5F6421DxFB           | [LQFP100] | (1292)       |
| Renesas | R5F64220JFB           | [LQFP100] | (1292)       |
| Renesas | R5F64534xFD           | [LQFP144] | (2328)       |
| Renesas | R5F64535xFD           | [LQFP144] | (2328)       |
| Renesas | R5F6453MxFD           | [LQFP144] | (2328)       |
| Renesas | R5F6453NxFD           | [LQFP144] | (2328)       |
| Renesas | R5F70835AxxxFT        | [TQFP100] | (4751)       |
| Renesas | R5F71364AxxxFP        | [LQFP80]  | (4052)       |
| Renesas | R5F71374AxxxFP        | [LQFP100] | (2912)       |
| Renesas | R5F71424xxxxFP        | [LQFP100] | (2912)       |
| Renesas | R5F71426xxxxFP        | [LQFP100] | (2912)       |
| Renesas | R5F71474xxxxFP        | [LQFP100] | (2912)       |
| Renesas | R5F71475xxxxFP        | [LQFP100] | (2912)       |
| Renesas | R5F71476xxxxFP        | [LQFP100] | (2912)       |
| Renesas | R5F72114DxxxFP        | [LQFP144] | (4531)       |
| Renesas | R5F72115DxxxFP        | [LQFP144] | (4531)       |
| Renesas | R5F72145xDFP          | [LQFP176] | (4532)       |
| Renesas | R5F72146xDFP          | [LQFP176] | (4532)       |
| Renesas | R5F72147xDFP          | [LQFP176] | (4532)       |
| Renesas | R5F72165xDFP          | [LQFP176] | (4532)       |
| Renesas | R5F72166xDFP          | [LQFP176] | (4532)       |
| Renesas | R5F72167xDFP          | [LQFP176] | (4532)       |
| Renesas | R5F72543RKBGV         | [BGA272]  | (3661)       |
| Renesas | R5F72544RKBGV         | [BGA272]  | (3661)       |
| Renesas | R5F72546RKBGV         | [BGA272]  | (3661)       |
| Renesas | R5F72549RKBGV         | [BGA272]  | (3661)       |
| Renesas | R5G0C314DA            | [SDIP32]  | (175)        |
| Renesas | R5G0C314DB            | [SDIP32]  | (175)        |
| Renesas | R5G0C404DB            | [SDIP42]  | (164)        |
| Renesas | R7F0C001G2DFB         | [LQFP48]  | (3077)       |
| Renesas | R7F0C001L2DFB         | [LQFP64]  | (2857)       |
| Renesas | R7F0C002G2DFB         | [LQFP48]  | (3077)       |
| Renesas | R7F0C002L2DFB         | [LQFP64]  | (2857)       |
| Renesas | R7F0C003M2DFB         | [LQFP80]  | (2862)       |
| Renesas | R7F0C004M2DFB         | [LQFP80]  | (2862)       |
| Renesas | R7F0C014L2DFA         | [LQFP64]  | (2856)       |
| Renesas | R7F0C908B2DFP         | [LQFP32]  | (2741)       |
| Renesas | R7F7010063A (ISP-SPI) |           | (138) (9997) |
| Renesas | R7F7010063AFP         | [LQFP144] | (3118)       |
| Renesas | R7F7010112AFP         | [LQFP64]  | (3654)       |
| Renesas | R7F7010113AFP         | [LQFP64]  | (3654)       |
| Renesas | R7F7010114AFP         | [LQFP64]  | (3654)       |
| Renesas | R7F701011xA (ISP-SPI) |           | (138) (9997) |
| Renesas | R7F7010122AFP         | [LQFP64]  | (3654)       |
| Renesas | R7F7010123AFP         | [LQFP64]  | (3654)       |
| Renesas | R7F7010124AFP         | [LQFP64]  | (3654)       |
| Renesas | R7F701012xA (ISP-SPI) |           | (138) (9997) |
| Renesas | R7F7010132AFP         | [LQFP64]  | (3654)       |
| Renesas | R7F7010133AFP         | [LQFP64]  | (3654)       |
| Renesas | R7F7010134AFP         | [LQFP64]  | (3654)       |
| Renesas | R7F701013xA (ISP-SPI) |           | (138) (9997) |
| Renesas | R7F7010142AFP         | [LQFP64]  | (3654)       |
| Renesas | R7F7010143AFP         | [LQFP64]  | (3654)       |
| Renesas | R7F7010144AFP         | [LQFP64]  | (3654)       |

|         |                                   |               |
|---------|-----------------------------------|---------------|
| Renesas | R7F701014xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7010153AFP [LQFP64]            | (3654)        |
| Renesas | R7F701015xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7010222AFP [LQFP100]           | (3609)        |
| Renesas | R7F7010223AFP [LQFP100]           | (3609)        |
| Renesas | R7F7010224AFP [LQFP100]           | (3609)        |
| Renesas | R7F701022xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7010232AFP [LQFP100]           | (3609)        |
| Renesas | R7F7010233AFP [LQFP100]           | (3609)        |
| Renesas | R7F7010234AFP [LQFP100]           | (3609)        |
| Renesas | R7F701023xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7010252AFP [LQFP100]           | (3609)        |
| Renesas | R7F7010253AFP [LQFP100]           | (3609)        |
| Renesas | R7F7010254AFP [LQFP100]           | (3609)        |
| Renesas | R7F701025xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7010312AFP [LQFP144]           | (3118)        |
| Renesas | R7F701031xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7010453AFP [LQFP100]           | (3609)        |
| Renesas | R7F701045xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7010462AFP [LQFP144]           | (3118)        |
| Renesas | R7F7010463AFP [LQFP144]           | (3118)        |
| Renesas | R7F7010464AFP [LQFP144]           | (3118)        |
| Renesas | R7F701046xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7010472AFP [LQFP144]           | (3118)        |
| Renesas | R7F7010473AFP [LQFP144]           | (3118)        |
| Renesas | R7F7010474AFP [LQFP144]           | (3118)        |
| Renesas | R7F701047xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7010482AFP [LQFP144]           | (3118)        |
| Renesas | R7F7010483AFP [LQFP144]           | (3118)        |
| Renesas | R7F7010484AFP [LQFP144]           | (3118)        |
| Renesas | R7F701048xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7010703AFP [LQFP144]           | (3118)        |
| Renesas | R7F7010713AFP [LQFP144]           | (3118)        |
| Renesas | R7F701331AEAFP [LQFP144]          | (4141)        |
| Renesas | R7F701400 [LQFP100]               | (4521)        |
| Renesas | R7F701401 [LQFP144]               | (3796)        |
| Renesas | R7F701402 [LQFP144]               | (3796)        |
| Renesas | R7F701403 [LQFP176]               | (3795)        |
| Renesas | R7F701404 [HLQFP176]              | (3795)        |
| Renesas | R7F701405 [HLQFP176]              | (3795)        |
| Renesas | R7F701406 [BGA272]                | (4299)        |
| Renesas | R7F701408 [BGA376]                | (4581)        |
| Renesas | R7F701411 [BGA484]                | (4629)        |
| Renesas | R7F701414 [LQFP144]               | (3796)        |
| Renesas | R7F701417 [LQFP144]               | (3796)        |
| Renesas | R7F701422 [LQFP144]               | (3796)        |
| Renesas | R7F7015443AFP [LQFP144]           | (3118)        |
| Renesas | R7F7015444AFP [LQFP144]           | (3118)        |
| Renesas | R7F701544xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7015453AFP [LQFP144]           | (3118)        |
| Renesas | R7F7015454AFP [LQFP144]           | (3118)        |
| Renesas | R7F701545xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7015643AFP [LQFP144]           | (3118)        |
| Renesas | R7F7015644AFP [LQFP144]           | (3118)        |
| Renesas | R7F701564xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7015653AFP [LQFP144]           | (3118)        |
| Renesas | R7F7015654AFP [LQFP144]           | (3118)        |
| Renesas | R7F701565xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7015813AFP [LQFP100]           | (3609)        |
| Renesas | R7F7015814AFP [LQFP100]           | (3609)        |
| Renesas | R7F701581xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7016033AFP [LQFP144]           | (3118)        |
| Renesas | R7F7016034AFP [LQFP144]           | (3118)        |
| Renesas | R7F701603xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7016213AFP [LQFP100]           | (3609)        |
| Renesas | R7F7016214AFP [LQFP100]           | (3609)        |
| Renesas | R7F701621xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F7016473AFP [LQFP144]           | (5014)        |
| Renesas | R7F701647xA (ISP-SPI)             | (138) (9997)  |
| Renesas | R7F55D97CxA01CBG [LFBGA176]       | (4495)        |
| Renesas | R7F55D97CxA01CBG [LFBGA176] (EPS) | (4495) (9999) |
| Renesas | R9A02G011GNP [QFN32]              | (4775)        |
| Renesas | RE144AV [QFP144]                  | (627)         |
| Renesas | UPD17P149 [SDIP28]                | (175)         |
| Renesas | UPD70F3017A (ISP-SPI)             | (138)         |
| Renesas | UPD70F3017A [LQFP100]             | (569)         |
| Renesas | UPD70F3025A (ISP-SPI)             | (138)         |
| Renesas | UPD70F3025A [LQFP100]             | (1418)        |
| Renesas | UPD70F3033A (ISP-SPI)             | (138)         |
| Renesas | UPD70F3033A [LQFP100]             | (569)         |
| Renesas | UPD70F3033AY (ISP-SPI)            | (138)         |
| Renesas | UPD70F3033AY [LQFP100]            | (569)         |
| Renesas | UPD70F3033B (ISP-SPI)             | (138)         |
| Renesas | UPD70F3033B [LQFP100]             | (569)         |
| Renesas | UPD70F3033BY (ISP-SPI)            | (138)         |
| Renesas | UPD70F3033BY [LQFP100]            | (569)         |
| Renesas | UPD70F3079A (ISP-SPI)             | (138)         |
| Renesas | UPD70F3079A [LQFP100]             | (649)         |
| Renesas | UPD70F3079AY (ISP-SPI)            | (138)         |
| Renesas | UPD70F3079AY [LQFP100]            | (649)         |
| Renesas | UPD70F3079BY (ISP-SPI)            | (138)         |
| Renesas | UPD70F3079BY [LQFP100]            | (649)         |
| Renesas | UPD70F3079Y (ISP-SPI)             | (138)         |
| Renesas | UPD70F3079Y [LQFP100]             | (649)         |
| Renesas | UPD70F3107 [LQFP144]              | (3009)        |
| Renesas | UPD70F3114 (ISP-SPI)              | (138)         |
| Renesas | UPD70F3114 [LQFP100]              | (524)         |
| Renesas | UPD70F3116 [LQFP144]              | (3834)        |
| Renesas | UPD70F3186 [QFP100]               | (1419)        |
| Renesas | UPD70F3210 [QFP80]                | (1033)        |
| Renesas | UPD70F3210 [TQFP80]               | (1032)        |
| Renesas | UPD70F3210Y [QFP80]               | (1033)        |
| Renesas | UPD70F3210Y [TQFP80]              | (1032)        |
| Renesas | UPD70F3214 (ISP-SPI)              | (138)         |
| Renesas | UPD70F3214 [LQFP100]              | (524)         |
| Renesas | UPD70F3214Y (ISP-SPI)             | (138)         |
| Renesas | UPD70F3214Y [LQFP100]             | (524)         |
| Renesas | UPD70F3231 [LQFP64]               | (1119)        |
| Renesas | UPD70F3232 [TQFP80]               | (2130)        |
| Renesas | UPD70F3233 [TQFP80]               | (2130)        |
| Renesas | UPD70F3234 (ISP-SPI)              | (138)         |
| Renesas | UPD70F3234 [LQFP100]              | (1197)        |
| Renesas | UPD70F3235 (ISP-SPI)              | (138)         |
| Renesas | UPD70F3235 [LQFP100]              | (1197)        |
| Renesas | UPD70F3236 (ISP-SPI)              | (138)         |
| Renesas | UPD70F3236 [LQFP100]              | (1197)        |
| Renesas | UPD70F3261 [LQFP100]              | (524)         |
| Renesas | UPD70F3261Y [LQFP100]             | (524)         |
| Renesas | UPD70F3263 [LQFP100]              | (524)         |
| Renesas | UPD70F3263Y [LQFP100]             | (524)         |
| Renesas | UPD70F3271 [LQFP100]              | (524)         |
| Renesas | UPD70F3271Y [LQFP100]             | (524)         |
| Renesas | UPD70F3273 [LQFP100]              | (524)         |
| Renesas | UPD70F3273Y [LQFP100]             | (524)         |
| Renesas | UPD70F3281 [LQFP100]              | (524)         |
| Renesas | UPD70F3281Y [LQFP100]             | (524)         |
| Renesas | UPD70F3283 [LQFP100]              | (524)         |
| Renesas | UPD70F3283Y [LQFP100]             | (524)         |



|         |             |                 |               |
|---------|-------------|-----------------|---------------|
| Renesas | uPD70F3306  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3306  | [QFP80]         | (1033)        |
| Renesas | uPD70F3306  | [TQFP80]        | (1032)        |
| Renesas | uPD70F3306Y | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3306Y | [QFP80]         | (1033)        |
| Renesas | uPD70F3306Y | [TQFP80]        | (1032)        |
| Renesas | uPD70F3308  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3308  | [QFP80]         | (1033)        |
| Renesas | uPD70F3308  | [TQFP80]        | (1032)        |
| Renesas | uPD70F3308Y | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3308Y | [QFP80]         | (1033)        |
| Renesas | uPD70F3308Y | [TQFP80]        | (1032)        |
| Renesas | uPD70F3333  | [LQFP100]       | (1435)        |
| Renesas | uPD70F3334  | [LQFP100]       | (1435)        |
| Renesas | uPD70F3335  | [LQFP100]       | (1435)        |
| Renesas | uPD70F3336  | [LQFP100]       | (1435)        |
| Renesas | uPD70F3344  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3344  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3345  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3345  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3346  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3346  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3347  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3347  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3348  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3348  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3354  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3354  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3355  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3355  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3356  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3356  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3357  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3357  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3358  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3358  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3364  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3364  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3365  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3365  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3366  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3366  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3367  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3367  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3368  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3368  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3370A | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3370A | [LQFP64 10x10]  | (1196)        |
| Renesas | uPD70F3371  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3371  | [LQFP64 10x10]  | (1196)        |
| Renesas | uPD70F3372  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3372  | [LQFP80]        | (2130)        |
| Renesas | uPD70F3373  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3373  | [LQFP80]        | (2130)        |
| Renesas | uPD70F3374  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3374  | [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3375  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3375  | [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3376A | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3376A | [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3377A | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3377A | [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3378  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3378  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3379  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3379  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3380  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3380  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3381  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3381  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3382  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3382  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3383  | (ISP-SPI)       | (138) (9999)  |
| Renesas | uPD70F3383  | (ISP-UART)      | (138) (9997)  |
| Renesas | uPD70F3383  | [LQFP176]       | (2864)        |
| Renesas | uPD70F3384  | (ISP-SPI)       | (138) (9997)  |
| Renesas | uPD70F3384  | [LQFP176]       | (2864)        |
| Renesas | uPD70F3385  | (ISP-SPI)       | (138) (9997)  |
| Renesas | uPD70F3385  | [LQFP176]       | (2864)        |
| Renesas | uPD70F3416  | [LQFP100]       | (2852)        |
| Renesas | uPD70F3417  | [LQFP100]       | (2852)        |
| Renesas | uPD70F3421  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3421  | [LQFP144]       | (1212)        |
| Renesas | uPD70F3422  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3422  | [LQFP144]       | (1212)        |
| Renesas | uPD70F3423  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3423  | [LQFP144]       | (1212)        |
| Renesas | uPD70F3424  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3424  | [LQFP144]       | (1212)        |
| Renesas | uPD70F3425  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3425  | [LQFP144]       | (1212)        |
| Renesas | uPD70F3426  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3426  | [LQFP144]       | (1212)        |
| Renesas | uPD70F3451  | [LQFP80 14x14]  | (3065)        |
| Renesas | uPD70F3452  | [LQFP80 14x14]  | (3065)        |
| Renesas | uPD70F3453  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3453  | [LQFP100]       | (1434)        |
| Renesas | uPD70F3454  | (ISP-SPI)       | (138)         |
| Renesas | uPD70F3454  | [LQFP100]       | (1434)        |
| Renesas | uPD70F3474  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3474A | [LQFP144]       | (1215)        |
| Renesas | uPD70F3475  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3475A | [LQFP144]       | (1215)        |
| Renesas | uPD70F3476  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3476A | [LQFP144]       | (1215)        |
| Renesas | uPD70F3477  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3477A | [LQFP144]       | (1215)        |
| Renesas | uPD70F3478  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3478A | [LQFP144]       | (1215)        |
| Renesas | uPD70F3479  | [LQFP144]       | (1215)        |
| Renesas | uPD70F3479A | [LQFP144]       | (1215)        |
| Renesas | uPD70F3506  | [QFP144]        | (4189)        |
| Renesas | uPD70F3522  | (ISP-SPI)       | (138) (9997)  |
| Renesas | uPD70F3522  | [QFP144]        | (2822)        |
| Renesas | uPD70F3523  | (ISP-SPI)       | (138) (9997)  |
| Renesas | uPD70F3523  | [QFP144]        | (2822)        |
| Renesas | uPD70F3524  | (ISP-SPI)       | (138) (9997)  |
| Renesas | uPD70F3524  | [QFP144]        | (2822)        |
| Renesas | uPD70F3525  | (ISP-SPI)       | (138) (9997)  |
| Renesas | uPD70F3525  | [HQFP144]       | (2822)        |
| Renesas | uPD70F3525  | [LQFP144]       | (2822)        |
| Renesas | uPD70F3526  | (ISP-SPI)       | (138) (9997)  |
| Renesas | uPD70F3526  | [HQFP144]       | (2822)        |
| Renesas | uPD70F3526  | [LQFP144]       | (2822)        |
| Renesas | uPD70F3529  | (ISP-SPI)       | (138) (9997)  |
| Renesas | uPD70F3529  | [HQFP176]       | (3253)        |
| Renesas | uPD70F3532  | [PBGA352]       | (3254)        |
| Renesas | uPD70F3539  | [FCBGA672]      | (4535) (9999) |

|         |                            |               |
|---------|----------------------------|---------------|
| Renesas | uPD70F3539A [FCBGA672]     | (4535) (9999) |
| Renesas | uPD70F3558M1 [QFP176]      | (2761)        |
| Renesas | uPD70F3570 [QFP64]         | (3061)        |
| Renesas | uPD70F3571 [QFP64]         | (3061)        |
| Renesas | uPD70F3572 [QFP64]         | (3061)        |
| Renesas | uPD70F3576 [QFP100]        | (4164)        |
| Renesas | uPD70F3577 [QFP100]        | (4164)        |
| Renesas | uPD70F3578 [QFP100]        | (4164)        |
| Renesas | uPD70F3579 [QFP100]        | (4164)        |
| Renesas | uPD70F3580 [QFP100]        | (4164)        |
| Renesas | uPD70F3610 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3610 [LQFP64 10x10]  | (1196)        |
| Renesas | uPD70F3611 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3611 [LQFP64 10x10]  | (1196)        |
| Renesas | uPD70F3612 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3612 [LQFP64 10x10]  | (1196)        |
| Renesas | uPD70F3613 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3613 [LQFP64 10x10]  | (1196)        |
| Renesas | uPD70F3614 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3614 [LQFP64 10x10]  | (1196)        |
| Renesas | uPD70F3615 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3615 [QFP80]         | (2130)        |
| Renesas | uPD70F3616 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3616 [QFP80]         | (2130)        |
| Renesas | uPD70F3617 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3617 [QFP80]         | (2130)        |
| Renesas | uPD70F3618 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3618 [QFP80]         | (2130)        |
| Renesas | uPD70F3619 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3619 [QFP80]         | (2130)        |
| Renesas | uPD70F3623 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3623 [LQFP64 10x10]  | (1196)        |
| Renesas | uPD70F3624 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3624 [LQFP64 10x10]  | (1196)        |
| Renesas | uPD70F3625 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3625 [LQFP80]        | (2130)        |
| Renesas | uPD70F3626 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3626 [LQFP80]        | (2130)        |
| Renesas | uPD70F3627 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3627 [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3628 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3628 [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3629 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3629 [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3630 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3630 [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3631 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3631 [LQFP144]       | (1215)        |
| Renesas | uPD70F3632 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3632 [LQFP144]       | (1215)        |
| Renesas | uPD70F3633 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3633 [LQFP144]       | (1215)        |
| Renesas | uPD70F3634 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3634 [LQFP144]       | (1215)        |
| Renesas | uPD70F3635 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3635 [LQFP144]       | (1215)        |
| Renesas | uPD70F3636 (ISP-SPT)       | (138) (9997)  |
| Renesas | uPD70F3636 [LQFP176]       | (2864)        |
| Renesas | uPD70F3637 (ISP-SPT)       | (138) (9997)  |
| Renesas | uPD70F3637 [LQFP176]       | (2864)        |
| Renesas | uPD70F3638 (ISP-SPT)       | (138) (9997)  |
| Renesas | uPD70F3638 [LQFP176]       | (2864)        |
| Renesas | uPD70F3706 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3706 [LQFP100]       | (1197)        |
| Renesas | uPD70F3707 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3707 [LQFP100]       | (1197)        |
| Renesas | uPD70F3715 [LQFP100]       | (524)         |
| Renesas | uPD70F3716 [LQFP100]       | (524)         |
| Renesas | uPD70F3717 [LQFP100]       | (524)         |
| Renesas | uPD70F3718 [LQFP100]       | (524)         |
| Renesas | uPD70F3719 [LQFP100]       | (524)         |
| Renesas | uPD70F3735 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3735 [LQFP80 12x12]  | (2598)        |
| Renesas | uPD70F3736 (ISP-SPT)       | (138)         |
| Renesas | uPD70F3736 [LQFP80 12x12]  | (2598)        |
| Renesas | uPD70F3737 (ISP-SPT)       | (138) (9997)  |
| Renesas | uPD70F3737 [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3737 [LQFP100 14x20] | (1436)        |
| Renesas | uPD70F3738 (ISP-SPT)       | (138) (9997)  |
| Renesas | uPD70F3738 [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3738 [LQFP100 14x20] | (1436)        |
| Renesas | uPD70F3739 (ISP-SPT)       | (138) (9997)  |
| Renesas | uPD70F3739 [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3740 (ISP-SPT)       | (138) (9997)  |
| Renesas | uPD70F3740 [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3741 (ISP-SPT)       | (138) (9997)  |
| Renesas | uPD70F3741 [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3742 (ISP-SPT)       | (138) (9997)  |
| Renesas | uPD70F3742 [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3743 (ISP-SPT)       | (138) (9997)  |
| Renesas | uPD70F3743 [LQFP144]       | (1215)        |
| Renesas | uPD70F3744 (ISP-SPT)       | (138) (9997)  |
| Renesas | uPD70F3744 [LQFP144]       | (1215)        |
| Renesas | uPD70F3745 (ISP-SPT)       | (138) (9997)  |
| Renesas | uPD70F3745 [LQFP144]       | (1215)        |
| Renesas | uPD70F3746 (ISP-SPT)       | (138) (9997)  |
| Renesas | uPD70F3746 [LQFP144]       | (1215)        |
| Renesas | uPD70F3752 [LQFP100 14x14] | (1435)        |
| Renesas | uPD70F3784 [LQFP144]       | (3182)        |
| Renesas | uPD70F3785 [LQFP144]       | (3182)        |
| Renesas | uPD70F3786 [LQFP144]       | (3182)        |
| Renesas | uPD70F3814 [LQFP48]        | (174)         |
| Renesas | uPD70F3815 [LQFP48]        | (174)         |
| Renesas | uPD70F3816 [LQFP48]        | (174)         |
| Renesas | uPD70F3817 [LQFP48]        | (174)         |
| Renesas | uPD70F3818 [LQFP48]        | (174)         |
| Renesas | uPD70F3819 [LQFP48]        | (174)         |
| Renesas | uPD70F3820 [LQFP64]        | (2780)        |
| Renesas | uPD70F3821 [LQFP64]        | (2780)        |
| Renesas | uPD70F3822 [LQFP64]        | (2780)        |
| Renesas | uPD70F3823 [LQFP64]        | (2780)        |
| Renesas | uPD70F3824 [LQFP64]        | (2780)        |
| Renesas | uPD70F3825 [LQFP64]        | (2780)        |
| Renesas | uPD75P0016 [QFP44]         | (108)         |
| Renesas | uPD75P0016 [SDIP42]        | (164)         |
| Renesas | uPD75P0076 [SDIP42]        | (164)         |
| Renesas | uPD75P008CU                |               |
| Renesas | uPD75P008GB [QFP44]        | (108)         |
| Renesas | uPD75P0116 [QFP44]         | (108)         |
| Renesas | uPD75P0116 [SDIP42]        | (164)         |
| Renesas | uPD75P036 [QFP64]          | (1044)        |
| Renesas | uPD75P068 [QFP44]          | (108)         |
| Renesas | uPD75P068 [SDIP42]         | (164)         |
| Renesas | uPD75P108B [SDIP64]        | (1149)        |
| Renesas | uPD75P3018A [QFP80]        | (1449)        |
| Renesas | uPD75P308 [QFP80]          | (3015)        |
| Renesas | uPD75P54                   |               |
| Renesas | uPD75P54 [SOP20]           | (98)          |

|         |                             |        |
|---------|-----------------------------|--------|
| Renesas | uPD75P64                    |        |
| Renesas | uPD75P64 [SOP20]            | (98)   |
| Renesas | uPD78CP14 [QUIP64]          | (1286) |
| Renesas | uPD78CP18 [QUIP64]          | (1286) |
| Renesas | uPD78F0034A (ISP-SPI)       | (138)  |
| Renesas | uPD78F0034A [LQFP64 10x10]  | (587)  |
| Renesas | uPD78F0034A [LQFP64]        | (568)  |
| Renesas | uPD78F0034A [QFP64]         | (241)  |
| Renesas | uPD78F0034A [SDIP64]        | (972)  |
| Renesas | uPD78F0034A [TQFP64]        | (504)  |
| Renesas | uPD78F0034A-8BS [LQFP64]    | (2951) |
| Renesas | uPD78F0034AY (ISP-SPI)      | (138)  |
| Renesas | uPD78F0034AY [LQFP64 10x10] | (587)  |
| Renesas | uPD78F0034AY [LQFP64]       | (568)  |
| Renesas | uPD78F0034AY [QFP64]        | (241)  |
| Renesas | uPD78F0034AY [SDIP64]       | (972)  |
| Renesas | uPD78F0034AY [TQFP64]       | (504)  |
| Renesas | uPD78F0034AY-8BS [LQFP64]   | (2951) |
| Renesas | uPD78F0034B (ISP-SPI)       | (138)  |
| Renesas | uPD78F0034B [LQFP64 10x10]  | (587)  |
| Renesas | uPD78F0034B [LQFP64]        | (568)  |
| Renesas | uPD78F0034B [QFP64]         | (241)  |
| Renesas | uPD78F0034B [TQFP64]        | (504)  |
| Renesas | uPD78F0034B-8BS [LQFP64]    | (2951) |
| Renesas | uPD78F0034BS [QFP52]        | (1183) |
| Renesas | uPD78F0034BY (ISP-SPI)      | (138)  |
| Renesas | uPD78F0034BY [LQFP64 10x10] | (587)  |
| Renesas | uPD78F0034BY [LQFP64]       | (568)  |
| Renesas | uPD78F0034BY [QFP64]        | (241)  |
| Renesas | uPD78F0034BY [TQFP64]       | (504)  |
| Renesas | uPD78F0034BY-8BS [LQFP64]   | (2951) |
| Renesas | uPD78F0058 [LQFP80 12x12]   | (2892) |
| Renesas | uPD78F0058 [LQFP80 14x14]   | (2891) |
| Renesas | uPD78F0058Y [LQFP80 12x12]  | (2892) |
| Renesas | uPD78F0058Y [LQFP80 14x14]  | (2891) |
| Renesas | uPD78F0078 (ISP-SPI)        | (138)  |
| Renesas | uPD78F0078 [LQFP64]         | (568)  |
| Renesas | uPD78F0078 [QFP64]          | (241)  |
| Renesas | uPD78F0078 [TQFP64]         | (504)  |
| Renesas | uPD78F0078-8BS [LQFP64]     | (2951) |
| Renesas | uPD78F0078Y (ISP-SPI)       | (138)  |
| Renesas | uPD78F0078Y [LQFP64]        | (568)  |
| Renesas | uPD78F0078Y [QFP64]         | (241)  |
| Renesas | uPD78F0078Y [TQFP64]        | (504)  |
| Renesas | uPD78F0078Y-8BS [LQFP64]    | (2951) |
| Renesas | uPD78F0101H (ISP-SPI)       | (138)  |
| Renesas | uPD78F0101H [SSOP30]        | (2354) |
| Renesas | uPD78F0102H (ISP-SPI)       | (138)  |
| Renesas | uPD78F0102H [SSOP30]        | (2354) |
| Renesas | uPD78F0103 (ISP-SPI)        | (138)  |
| Renesas | uPD78F0103 [SSOP30]         | (2354) |
| Renesas | uPD78F0103H (ISP-SPI)       | (138)  |
| Renesas | uPD78F0103H [SSOP30]        | (2354) |
| Renesas | uPD78F0112H (ISP-SPI)       | (138)  |
| Renesas | uPD78F0112H [LQFP44]        | (94)   |
| Renesas | uPD78F0113H (ISP-SPI)       | (138)  |
| Renesas | uPD78F0113H [LQFP44]        | (94)   |
| Renesas | uPD78F0114 (ISP-SPI)        | (138)  |
| Renesas | uPD78F0114 [LQFP44]         | (94)   |
| Renesas | uPD78F0114H (ISP-SPI)       | (138)  |
| Renesas | uPD78F0114H [LQFP44]        | (94)   |
| Renesas | uPD78F0114HD (ISP-SPI)      | (138)  |
| Renesas | uPD78F0114HD [LQFP44]       | (94)   |
| Renesas | uPD78F0122H (ISP-SPI)       | (138)  |
| Renesas | uPD78F0122H [LQFP52]        | (1183) |
| Renesas | uPD78F0123H (ISP-SPI)       | (138)  |
| Renesas | uPD78F0123H [LQFP52]        | (1183) |
| Renesas | uPD78F0124H (ISP-SPI)       | (138)  |
| Renesas | uPD78F0124H [LQFP52]        | (1183) |
| Renesas | uPD78F0124HD (ISP-SPI)      | (138)  |
| Renesas | uPD78F0124HD [LQFP52]       | (1183) |
| Renesas | uPD78F0132H [LQFP64 10x10]  | (587)  |
| Renesas | uPD78F0132H [LQFP64 14x14]  | (568)  |
| Renesas | uPD78F0132H [TQFP64 12x12]  | (504)  |
| Renesas | uPD78F0133H [LQFP64 10x10]  | (587)  |
| Renesas | uPD78F0133H [LQFP64 14x14]  | (568)  |
| Renesas | uPD78F0133H [TQFP64 12x12]  | (504)  |
| Renesas | uPD78F0134 (ISP-SPI)        | (138)  |
| Renesas | uPD78F0134 [LQFP64 10x10]   | (587)  |
| Renesas | uPD78F0134 [LQFP64 14x14]   | (568)  |
| Renesas | uPD78F0134 [TQFP64]         | (504)  |
| Renesas | uPD78F0134H [LQFP64 10x10]  | (587)  |
| Renesas | uPD78F0134H [LQFP64 14x14]  | (568)  |
| Renesas | uPD78F0134H [TQFP64 12x12]  | (504)  |
| Renesas | uPD78F0136H [LQFP64 10x10]  | (587)  |
| Renesas | uPD78F0136H [LQFP64 14x14]  | (568)  |
| Renesas | uPD78F0136H [TQFP64 12x12]  | (504)  |
| Renesas | uPD78F0138 (ISP-SPI)        | (138)  |
| Renesas | uPD78F0138 [LQFP64 10x10]   | (587)  |
| Renesas | uPD78F0138 [LQFP64 14x14]   | (568)  |
| Renesas | uPD78F0138 [TQFP64]         | (504)  |
| Renesas | uPD78F0138H [LQFP64 10x10]  | (587)  |
| Renesas | uPD78F0138H [LQFP64 14x14]  | (568)  |
| Renesas | uPD78F0138H [TQFP64 12x12]  | (504)  |
| Renesas | uPD78F0138HD [LQFP64 10x10] | (587)  |
| Renesas | uPD78F0138HD [LQFP64 14x14] | (568)  |
| Renesas | uPD78F0138HD [TQFP64 12x12] | (504)  |
| Renesas | uPD78F0148H (ISP-SPI)       | (138)  |
| Renesas | uPD78F0148H [QFP80]         | (1033) |
| Renesas | uPD78F0148H [TQFP80]        | (1032) |
| Renesas | uPD78F0148HD (ISP-SPI)      | (138)  |
| Renesas | uPD78F0148HD [QFP80]        | (1033) |
| Renesas | uPD78F0148HD [TQFP80]       | (1032) |
| Renesas | uPD78F0338 (ISP-SPI)        | (138)  |
| Renesas | uPD78F0338 [QFP120]         | (2292) |
| Renesas | uPD78F0393 (ISP-SPI)        | (138)  |
| Renesas | uPD78F0393 [LQFP100]        | (1051) |
| Renesas | uPD78F0393 [QFP100]         | (1052) |
| Renesas | uPD78F0394 (ISP-SPI)        | (138)  |
| Renesas | uPD78F0394 [LQFP100]        | (1051) |
| Renesas | uPD78F0394 [QFP100]         | (1052) |
| Renesas | uPD78F0395 (ISP-SPI)        | (138)  |
| Renesas | uPD78F0395 [LQFP100]        | (1051) |
| Renesas | uPD78F0395 [QFP100]         | (1052) |
| Renesas | uPD78F0396 (ISP-SPI)        | (138)  |
| Renesas | uPD78F0396 [LQFP100]        | (1051) |
| Renesas | uPD78F0396 [QFP100]         | (1052) |
| Renesas | uPD78F0397 (ISP-SPI)        | (138)  |
| Renesas | uPD78F0397 [LQFP100]        | (1051) |
| Renesas | uPD78F0397 [QFP100]         | (1052) |
| Renesas | uPD78F0397D (ISP-SPI)       | (138)  |
| Renesas | uPD78F0397D [LQFP100]       | (1051) |
| Renesas | uPD78F0397D [QFP100]        | (1052) |
| Renesas | uPD78F0400 (ISP-UART)       | (138)  |
| Renesas | uPD78F0400 [LQFP48]         | (174)  |
| Renesas | uPD78F0401 (ISP-UART)       | (138)  |
| Renesas | uPD78F0401 [LQFP48]         | (174)  |
| Renesas | uPD78F0402 (ISP-UART)       | (138)  |

|         |              |                |              |
|---------|--------------|----------------|--------------|
| Renesas | uPD78F0402   | [LQFP48]       | (174)        |
| Renesas | uPD78F0403   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0403   | [LQFP48]       | (174)        |
| Renesas | uPD78F0410   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0410   | [LQFP48]       | (174)        |
| Renesas | uPD78F0411   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0411   | [LQFP48]       | (174)        |
| Renesas | uPD78F0412   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0412   | [LQFP48]       | (174)        |
| Renesas | uPD78F0413   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0413   | [LQFP48]       | (174)        |
| Renesas | uPD78F0441   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0441   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0442   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0442   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0443   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0443   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0444   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0444   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0445   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0445   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0451   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0451   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0452   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0452   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0453   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0453   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0454   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0454   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0455   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0455   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0461   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0461   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0462   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0462   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0463   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0463   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0464   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0464   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0465   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0465   | [LQFP64 10x10] | (1196)       |
| Renesas | uPD78F0471   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0471   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0472   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0472   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0473   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0473   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0474   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0474   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0475   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0475   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0481   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0481   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0482   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0482   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0483   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0483   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0484   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0484   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0485   | (ISP-UART)     | (138) (9997) |
| Renesas | uPD78F0485   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0485   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0491   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0491   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0492   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0492   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0493   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0493   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0494   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0494   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0495   | [LQFP80 12x12] | (2742)       |
| Renesas | uPD78F0495   | [LQFP80 14x14] | (2743)       |
| Renesas | uPD78F0500   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0500   | [SSOP30]       | (505)        |
| Renesas | uPD78F0500A  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0500A  | [SSOP30]       | (505)        |
| Renesas | uPD78F0501   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0501   | [SSOP30]       | (505)        |
| Renesas | uPD78F0501A  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0501A  | [SSOP30]       | (505)        |
| Renesas | uPD78F0502   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0502   | [SSOP30]       | (505)        |
| Renesas | uPD78F0502A  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0502A  | [SSOP30]       | (505)        |
| Renesas | uPD78F0503   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0503   | [SSOP30]       | (505)        |
| Renesas | uPD78F0503A  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0503A  | [SSOP30]       | (505)        |
| Renesas | uPD78F0503D  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0503D  | [SSOP30]       | (505)        |
| Renesas | uPD78F0503DA | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0503DA | [SSOP30]       | (505)        |
| Renesas | uPD78F0511   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0511   | [LQFP44]       | (94)         |
| Renesas | uPD78F0511   | [LQFP48]       | (174)        |
| Renesas | uPD78F0511A  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0511A  | [LQFP44]       | (94)         |
| Renesas | uPD78F0511A  | [LQFP48]       | (174)        |
| Renesas | uPD78F0511A  | [SSOP38]       | (505)        |
| Renesas | uPD78F0512   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0512   | [LQFP44]       | (94)         |
| Renesas | uPD78F0512   | [LQFP48]       | (174)        |
| Renesas | uPD78F0512A  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0512A  | [LQFP44]       | (94)         |
| Renesas | uPD78F0512A  | [LQFP48]       | (174)        |
| Renesas | uPD78F0512A  | [SSOP38]       | (505)        |
| Renesas | uPD78F0513   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0513   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0513   | [LQFP44]       | (94)         |
| Renesas | uPD78F0513   | [LQFP48]       | (174)        |
| Renesas | uPD78F0513A  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0513A  | (ISP-UART)     | (138)        |
| Renesas | uPD78F0513A  | [LQFP44]       | (94)         |
| Renesas | uPD78F0513A  | [LQFP48]       | (174)        |
| Renesas | uPD78F0513A  | [SSOP38]       | (505)        |
| Renesas | uPD78F0513D  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0513D  | [LQFP44]       | (94)         |
| Renesas | uPD78F0513D  | [LQFP48]       | (174)        |
| Renesas | uPD78F0513DA | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0513DA | [LQFP44]       | (94)         |
| Renesas | uPD78F0513DA | [SSOP38]       | (505)        |
| Renesas | uPD78F0514   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0514   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0514   | [LQFP48]       | (174)        |
| Renesas | uPD78F0514A  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0514A  | (ISP-UART)     | (138)        |
| Renesas | uPD78F0514A  | [LQFP48]       | (174)        |
| Renesas | uPD78F0515   | (ISP-SPI)      | (138)        |

|         |              |                |        |
|---------|--------------|----------------|--------|
| Renesas | uPD78F0515   | (ISP-UART)     | (138)  |
| Renesas | uPD78F0515   | [LQFP48]       | (174)  |
| Renesas | uPD78F0515A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0515A  | (ISP-UART)     | (138)  |
| Renesas | uPD78F0515A  | [LQFP48]       | (174)  |
| Renesas | uPD78F0515D  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0515D  | [LQFP48]       | (174)  |
| Renesas | uPD78F0515DA | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0515DA | [LQFP48]       | (174)  |
| Renesas | uPD78F0521   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0521   | (ISP-UART)     | (138)  |
| Renesas | uPD78F0521   | [LQFP52]       | (1106) |
| Renesas | uPD78F0521A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0521A  | (ISP-UART)     | (138)  |
| Renesas | uPD78F0521A  | [LQFP52]       | (1106) |
| Renesas | uPD78F0522   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0522   | (ISP-UART)     | (138)  |
| Renesas | uPD78F0522   | [LQFP52]       | (1106) |
| Renesas | uPD78F0522A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0522A  | (ISP-UART)     | (138)  |
| Renesas | uPD78F0522A  | [LQFP52]       | (1106) |
| Renesas | uPD78F0523   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0523   | (ISP-UART)     | (138)  |
| Renesas | uPD78F0523   | [LQFP52]       | (1106) |
| Renesas | uPD78F0523A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0523A  | (ISP-UART)     | (138)  |
| Renesas | uPD78F0523A  | [LQFP52]       | (1106) |
| Renesas | uPD78F0524   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0524   | (ISP-UART)     | (138)  |
| Renesas | uPD78F0524   | [LQFP52]       | (1106) |
| Renesas | uPD78F0524A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0524A  | (ISP-UART)     | (138)  |
| Renesas | uPD78F0524A  | [LQFP52]       | (1106) |
| Renesas | uPD78F0525   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0525   | (ISP-UART)     | (138)  |
| Renesas | uPD78F0525   | [LQFP52]       | (1106) |
| Renesas | uPD78F0525A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0525A  | (ISP-UART)     | (138)  |
| Renesas | uPD78F0525A  | [LQFP52]       | (1106) |
| Renesas | uPD78F0526   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0526   | (ISP-UART)     | (138)  |
| Renesas | uPD78F0526   | [LQFP52]       | (1106) |
| Renesas | uPD78F0526A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0526A  | (ISP-UART)     | (138)  |
| Renesas | uPD78F0526A  | [LQFP52]       | (1106) |
| Renesas | uPD78F0527   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0527   | (ISP-UART)     | (138)  |
| Renesas | uPD78F0527   | [LQFP52]       | (1106) |
| Renesas | uPD78F0527A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0527A  | (ISP-UART)     | (138)  |
| Renesas | uPD78F0527A  | [LQFP52]       | (1106) |
| Renesas | uPD78F0527D  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0527D  | (ISP-UART)     | (138)  |
| Renesas | uPD78F0527D  | [LQFP52]       | (1106) |
| Renesas | uPD78F0527DA | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0527DA | (ISP-UART)     | (138)  |
| Renesas | uPD78F0527DA | [LQFP52]       | (1106) |
| Renesas | uPD78F0531   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0531   | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0531   | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0531   | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0531A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0531A  | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0531A  | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0531A  | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0532   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0532   | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0532   | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0532   | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0532A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0532A  | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0532A  | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0532A  | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0533   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0533   | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0533   | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0533   | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0533A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0533A  | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0533A  | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0533A  | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0534   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0534   | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0534   | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0534   | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0534A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0534A  | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0534A  | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0534A  | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0535   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0535   | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0535   | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0535   | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0535A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0535A  | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0535A  | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0535A  | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0536   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0536   | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0536   | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0536   | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0536A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0536A  | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0536A  | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0536A  | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0537   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0537   | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0537   | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0537   | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0537A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0537A  | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0537A  | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0537A  | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0537D  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0537D  | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0537D  | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0537D  | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0537DA | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0537DA | [LQFP64 10x10] | (736)  |
| Renesas | uPD78F0537DA | [LQFP64 12x12] | (735)  |
| Renesas | uPD78F0537DA | [LQFP64 14x14] | (732)  |
| Renesas | uPD78F0544   | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0544   | [LQFP80 12x12] | (1214) |
| Renesas | uPD78F0544   | [LQFP80 14x14] | (1213) |
| Renesas | uPD78F0544A  | (ISP-SPI)      | (138)  |
| Renesas | uPD78F0544A  | [LQFP80 12x12] | (1214) |
| Renesas | uPD78F0544A  | [LQFP80 14x14] | (1213) |
| Renesas | uPD78F0545   | (ISP-SPI)      | (138)  |

|         |              |                |              |
|---------|--------------|----------------|--------------|
| Renesas | uPD78F0545   | [LQFP80 12x12] | (1214)       |
| Renesas | uPD78F0545   | [LQFP80 14x14] | (1213)       |
| Renesas | uPD78F0545A  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0545A  | [LQFP80 12x12] | (1214)       |
| Renesas | uPD78F0545A  | [LQFP80 14x14] | (1213)       |
| Renesas | uPD78F0546   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0546   | [LQFP80 12x12] | (1214)       |
| Renesas | uPD78F0546   | [LQFP80 14x14] | (1213)       |
| Renesas | uPD78F0546A  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0546A  | [LQFP80 12x12] | (1214)       |
| Renesas | uPD78F0546A  | [LQFP80 14x14] | (1213)       |
| Renesas | uPD78F0547   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0547   | [LQFP80 12x12] | (1214)       |
| Renesas | uPD78F0547   | [LQFP80 14x14] | (1213)       |
| Renesas | uPD78F0547A  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0547A  | [LQFP80 12x12] | (1214)       |
| Renesas | uPD78F0547A  | [LQFP80 14x14] | (1213)       |
| Renesas | uPD78F0547D  | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0547D  | [LQFP80 12x12] | (1214)       |
| Renesas | uPD78F0547D  | [LQFP80 14x14] | (1213)       |
| Renesas | uPD78F0547DA | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0547DA | [LQFP80 12x12] | (1214)       |
| Renesas | uPD78F0547DA | [LQFP80 14x14] | (1213)       |
| Renesas | uPD78F0550   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0550   | [SSOP16]       | (1088)       |
| Renesas | uPD78F0551   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0551   | [SSOP16]       | (1088)       |
| Renesas | uPD78F0552   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0552   | [SSOP16]       | (1088)       |
| Renesas | uPD78F0555   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0555   | [SSOP16]       | (1088)       |
| Renesas | uPD78F0556   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0556   | [SSOP16]       | (1088)       |
| Renesas | uPD78F0557   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0557   | [SSOP16]       | (1088)       |
| Renesas | uPD78F0560   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0560   | [SSOP20]       | (2354)       |
| Renesas | uPD78F0561   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0561   | [SSOP20]       | (2354)       |
| Renesas | uPD78F0562   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0562   | [SSOP20]       | (2354)       |
| Renesas | uPD78F0565   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0565   | [SSOP20]       | (2354)       |
| Renesas | uPD78F0566   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0566   | [SSOP20]       | (2354)       |
| Renesas | uPD78F0567   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0567   | [SSOP20]       | (2354)       |
| Renesas | uPD78F0571   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0571   | [SSOP30]       | (2354)       |
| Renesas | uPD78F0572   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0572   | [SSOP30]       | (2354)       |
| Renesas | uPD78F0573   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0573   | [SSOP30]       | (2354)       |
| Renesas | uPD78F0576   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0576   | [SSOP30]       | (2354)       |
| Renesas | uPD78F0577   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0577   | [SSOP30]       | (2354)       |
| Renesas | uPD78F0578   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0578   | [SSOP30]       | (2354)       |
| Renesas | uPD78F0581   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0581   | [LQFP44]       | (94)         |
| Renesas | uPD78F0581   | [LQFP48]       | (174)        |
| Renesas | uPD78F0581   | [WQFN40]       | (885)        |
| Renesas | uPD78F0582   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0582   | [LQFP44]       | (94)         |
| Renesas | uPD78F0582   | [LQFP48]       | (174)        |
| Renesas | uPD78F0582   | [WQFN40]       | (885)        |
| Renesas | uPD78F0583   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0583   | [LQFP44]       | (94)         |
| Renesas | uPD78F0583   | [LQFP48]       | (174)        |
| Renesas | uPD78F0583   | [WQFN40]       | (885)        |
| Renesas | uPD78F0586   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0586   | [LQFP44]       | (94)         |
| Renesas | uPD78F0586   | [LQFP48]       | (174)        |
| Renesas | uPD78F0586   | [WQFN40]       | (885)        |
| Renesas | uPD78F0587   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0587   | [LQFP44]       | (94)         |
| Renesas | uPD78F0587   | [LQFP48]       | (174)        |
| Renesas | uPD78F0587   | [WQFN40]       | (885)        |
| Renesas | uPD78F0588   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0588   | [LQFP44]       | (94)         |
| Renesas | uPD78F0588   | [LQFP48]       | (174)        |
| Renesas | uPD78F0588   | [WQFN40]       | (885)        |
| Renesas | uPD78F0711   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0711   | [SSOP30]       | (2354)       |
| Renesas | uPD78F0712   | (ISP-UART)     | (138)        |
| Renesas | uPD78F0712   | [SSOP30]       | (2354)       |
| Renesas | uPD78F0730   | [SSOP30]       | (2354)       |
| Renesas | uPD78F0740   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0740   | [SSOP16]       | (1088)       |
| Renesas | uPD78F0741   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0741   | [SSOP16]       | (1088)       |
| Renesas | uPD78F0742   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0742   | [SSOP16]       | (1088)       |
| Renesas | uPD78F0743   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0743   | [SOP20]        | (98)         |
| Renesas | uPD78F0743   | [SSOP20]       | (2354)       |
| Renesas | uPD78F0744   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0744   | [SOP20]        | (98)         |
| Renesas | uPD78F0744   | [SSOP20]       | (2354)       |
| Renesas | uPD78F0745   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0745   | [SSOP30]       | (2354)       |
| Renesas | uPD78F0745   | [WQFN32]       | (1293)       |
| Renesas | uPD78F0746   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0746   | [SSOP30]       | (2354)       |
| Renesas | uPD78F0746   | [WQFN32]       | (1293)       |
| Renesas | uPD78F0750   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0750   | [SSOP16]       | (1088)       |
| Renesas | uPD78F0751   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0751   | [SSOP16]       | (1088)       |
| Renesas | uPD78F0752   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0752   | [SSOP16]       | (1088)       |
| Renesas | uPD78F0753   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0753   | [SOP20]        | (98)         |
| Renesas | uPD78F0753   | [SSOP20]       | (2354)       |
| Renesas | uPD78F0754   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0754   | [SOP20]        | (98)         |
| Renesas | uPD78F0754   | [SSOP20]       | (2354)       |
| Renesas | uPD78F0755   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0755   | [SSOP30]       | (2354)       |
| Renesas | uPD78F0755   | [WQFN32]       | (1293)       |
| Renesas | uPD78F0756   | (ISP-SPI)      | (138)        |
| Renesas | uPD78F0756   | [SSOP30]       | (2354)       |
| Renesas | uPD78F0756   | [WQFN32]       | (1293)       |
| Renesas | uPD78F0763   | [LQFP64 10x10] | (3131)       |
| Renesas | uPD78F0764   | [LQFP64 10x10] | (3131)       |
| Renesas | uPD78F0765   | [LQFP64 10x10] | (3131)       |
| Renesas | uPD78F0818   | (ISP-SPI)      | (138) (9997) |

|         |             |                 |              |
|---------|-------------|-----------------|--------------|
| Renesas | uPD78F0818  | [QFP64]         | (3326)       |
| Renesas | uPD78F0818A | (ISP-SPI)       | (138) (9997) |
| Renesas | uPD78F0818A | [QFP64]         | (3326)       |
| Renesas | uPD78F08188 | (ISP-SPI)       | (138) (9997) |
| Renesas | uPD78F08188 | [QFP64]         | (3326)       |
| Renesas | uPD78F0822B | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0822B | [LQFP100 14x20] | (2414)       |
| Renesas | uPD78F0822B | [LQFP100]       | (1051)       |
| Renesas | uPD78F0822B | [QFP100]        | (1052)       |
| Renesas | uPD78F0854  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0854  | [SSOP16]        | (1088)       |
| Renesas | uPD78F0855  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0855  | [SSOP16]        | (1088)       |
| Renesas | uPD78F0856  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0856  | [SSOP16]        | (1088)       |
| Renesas | uPD78F0857  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0857  | [SSOP20]        | (2354)       |
| Renesas | uPD78F0858  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0858  | [SSOP20]        | (2354)       |
| Renesas | uPD78F0859  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0859  | [SSOP20]        | (2354)       |
| Renesas | uPD78F0864  | [SSOP30]        | (2354)       |
| Renesas | uPD78F0865  | [SSOP30]        | (2354)       |
| Renesas | uPD78F0881  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0881  | [LQFP44]        | (94)         |
| Renesas | uPD78F0881A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0881A | [LQFP44]        | (94)         |
| Renesas | uPD78F0882  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0882  | [LQFP44]        | (94)         |
| Renesas | uPD78F0882A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0882A | [LQFP44]        | (94)         |
| Renesas | uPD78F0883  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0883  | [LQFP44]        | (94)         |
| Renesas | uPD78F0883A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0883A | [LQFP44]        | (94)         |
| Renesas | uPD78F0884  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0884  | [LQFP48]        | (174)        |
| Renesas | uPD78F0884A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0884A | [LQFP48]        | (174)        |
| Renesas | uPD78F0885  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0885  | [LQFP48]        | (174)        |
| Renesas | uPD78F0885A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0885A | [LQFP48]        | (174)        |
| Renesas | uPD78F0886  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0886  | [LQFP48]        | (174)        |
| Renesas | uPD78F0886A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0886A | [LQFP48]        | (174)        |
| Renesas | uPD78F0887  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0887  | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F0887  | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F0887A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0887A | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F0887A | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F0888  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0888  | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F0888  | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F0888A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0888A | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F0888A | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F0889  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0889  | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F0889  | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F0889A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0889A | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F0889A | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F0890  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0890  | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F0890  | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F0890A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0890A | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F0890A | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F0891  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0891  | [LQFP80 12x12]  | (1214)       |
| Renesas | uPD78F0891  | [LQFP80 14x14]  | (1213)       |
| Renesas | uPD78F0891A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0891A | [LQFP80 12x12]  | (1214)       |
| Renesas | uPD78F0891A | [LQFP80 14x14]  | (1213)       |
| Renesas | uPD78F0892  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0892  | [LQFP80 12x12]  | (1214)       |
| Renesas | uPD78F0892  | [LQFP80 14x14]  | (1213)       |
| Renesas | uPD78F0892A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0892A | [LQFP80 12x12]  | (1214)       |
| Renesas | uPD78F0892A | [LQFP80 14x14]  | (1213)       |
| Renesas | uPD78F0893  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0893  | [LQFP80 12x12]  | (1214)       |
| Renesas | uPD78F0893  | [LQFP80 14x14]  | (1213)       |
| Renesas | uPD78F0893A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0893A | [LQFP80 12x12]  | (1214)       |
| Renesas | uPD78F0893A | [LQFP80 14x14]  | (1213)       |
| Renesas | uPD78F0894A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0894A | [LQFP48]        | (174)        |
| Renesas | uPD78F0895A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0895A | [LQFP48]        | (174)        |
| Renesas | uPD78F0948  | [QFP100]        | (4336)       |
| Renesas | uPD78F0988A | (ISP-SPI)       | (138)        |
| Renesas | uPD78F0988A | [QFP64]         | (241)        |
| Renesas | uPD78F1000  | [LQFP44]        | (94)         |
| Renesas | uPD78F1001  | [LQFP44]        | (94)         |
| Renesas | uPD78F1001  | [TQFP48]        | (174)        |
| Renesas | uPD78F1002  | [LQFP44]        | (94)         |
| Renesas | uPD78F1002  | [TQFP48]        | (174)        |
| Renesas | uPD78F1003  | [LQFP44]        | (94)         |
| Renesas | uPD78F1003  | [TQFP48]        | (174)        |
| Renesas | uPD78F1007  | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F1007  | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F1007  | [TQFP64]        | (2616)       |
| Renesas | uPD78F1008  | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F1008  | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F1008  | [TQFP64]        | (2616)       |
| Renesas | uPD78F1009  | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F1009  | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F1009  | [TQFP64]        | (2616)       |
| Renesas | uPD78F1142  | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F1142  | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F1142A | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F1142A | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F1143  | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F1143  | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F1143A | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F1143A | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F1144  | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F1144  | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F1144A | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F1144A | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F1145  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F1145  | [LQFP64 10x10]  | (736)        |
| Renesas | uPD78F1145  | [LQFP64 12x12]  | (735)        |
| Renesas | uPD78F1145A | [LQFP64 10x10]  | (736)        |

|         |             |                 |        |
|---------|-------------|-----------------|--------|
| Renesas | uPD78F1145A | [LQFP64 12x12]  | (735)  |
| Renesas | uPD78F1146  | (ISP-SPI)       | (138)  |
| Renesas | uPD78F1146  | [LQFP64 10x10]  | (736)  |
| Renesas | uPD78F1146  | [LQFP64 12x12]  | (735)  |
| Renesas | uPD78F1146A | [LQFP64 10x10]  | (736)  |
| Renesas | uPD78F1146A | [LQFP64 12x12]  | (735)  |
| Renesas | uPD78F1152  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1152  | [LQFP80 12x12]  | (1214) |
| Renesas | uPD78F1152  | [LQFP80 14x14]  | (1213) |
| Renesas | uPD78F1152A | (ISP-UART)      | (138)  |
| Renesas | uPD78F1152A | [LQFP80 12x12]  | (1214) |
| Renesas | uPD78F1152A | [LQFP80 14x14]  | (1213) |
| Renesas | uPD78F1153  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1153  | [LQFP80 12x12]  | (1214) |
| Renesas | uPD78F1153  | [LQFP80 14x14]  | (1213) |
| Renesas | uPD78F1153A | (ISP-UART)      | (138)  |
| Renesas | uPD78F1153A | [LQFP80 12x12]  | (1214) |
| Renesas | uPD78F1153A | [LQFP80 14x14]  | (1213) |
| Renesas | uPD78F1154  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1154  | [LQFP80 12x12]  | (1214) |
| Renesas | uPD78F1154  | [LQFP80 14x14]  | (1213) |
| Renesas | uPD78F1154A | (ISP-UART)      | (138)  |
| Renesas | uPD78F1154A | [LQFP80 12x12]  | (1214) |
| Renesas | uPD78F1154A | [LQFP80 14x14]  | (1213) |
| Renesas | uPD78F1155  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1155  | [LQFP80 12x12]  | (1214) |
| Renesas | uPD78F1155  | [LQFP80 14x14]  | (1213) |
| Renesas | uPD78F1155A | (ISP-UART)      | (138)  |
| Renesas | uPD78F1155A | [LQFP80 12x12]  | (1214) |
| Renesas | uPD78F1155A | [LQFP80 14x14]  | (1213) |
| Renesas | uPD78F1156  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1156  | [LQFP80 12x12]  | (1214) |
| Renesas | uPD78F1156  | [LQFP80 14x14]  | (1213) |
| Renesas | uPD78F1156A | (ISP-UART)      | (138)  |
| Renesas | uPD78F1156A | [LQFP80 12x12]  | (1214) |
| Renesas | uPD78F1156A | [LQFP80 14x14]  | (1213) |
| Renesas | uPD78F1162  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1162  | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1162  | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1162A | (ISP-UART)      | (138)  |
| Renesas | uPD78F1162A | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1162A | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1163  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1163  | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1163  | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1163A | (ISP-UART)      | (138)  |
| Renesas | uPD78F1163A | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1163A | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1164  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1164  | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1164  | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1164A | (ISP-UART)      | (138)  |
| Renesas | uPD78F1164A | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1164A | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1165  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1165  | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1165  | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1165A | (ISP-UART)      | (138)  |
| Renesas | uPD78F1165A | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1165A | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1166  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1166  | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1166  | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1166A | (ISP-UART)      | (138)  |
| Renesas | uPD78F1166A | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1166A | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1167  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1167  | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1167  | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1167A | (ISP-UART)      | (138)  |
| Renesas | uPD78F1167A | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1167A | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1168  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1168  | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1168  | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1168A | (ISP-UART)      | (138)  |
| Renesas | uPD78F1168A | [LQFP100 14x14] | (1435) |
| Renesas | uPD78F1168A | [LQFP100 14x20] | (1436) |
| Renesas | uPD78F1174  | [LQFP128]       | (3060) |
| Renesas | uPD78F1174A | [LQFP128]       | (3060) |
| Renesas | uPD78F1175  | [LQFP128]       | (3060) |
| Renesas | uPD78F1175A | [LQFP128]       | (3060) |
| Renesas | uPD78F1176  | [LQFP128]       | (3060) |
| Renesas | uPD78F1176A | [LQFP128]       | (3060) |
| Renesas | uPD78F1177  | [LQFP128]       | (3060) |
| Renesas | uPD78F1177A | [LQFP128]       | (3060) |
| Renesas | uPD78F1178  | [LQFP128]       | (3060) |
| Renesas | uPD78F1178A | [LQFP128]       | (3060) |
| Renesas | uPD78F1201  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1201  | [SSOP30]        | (2354) |
| Renesas | uPD78F1203  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1203  | [SSOP30]        | (2354) |
| Renesas | uPD78F1211  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1211  | [LQFP44]        | (94)   |
| Renesas | uPD78F1211  | [LQFP48]        | (174)  |
| Renesas | uPD78F1211  | [SSOP38]        | (505)  |
| Renesas | uPD78F1213  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1213  | [LQFP44]        | (94)   |
| Renesas | uPD78F1213  | [LQFP48]        | (174)  |
| Renesas | uPD78F1213  | [SSOP38]        | (505)  |
| Renesas | uPD78F1214  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1214  | [LQFP48]        | (174)  |
| Renesas | uPD78F1215  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1215  | [LQFP48]        | (174)  |
| Renesas | uPD78F1500  | [LQFP80 12x12]  | (2874) |
| Renesas | uPD78F1500  | [LQFP80 14x14]  | (2875) |
| Renesas | uPD78F1500A | [LQFP80 12x12]  | (2874) |
| Renesas | uPD78F1500A | [LQFP80 14x14]  | (2875) |
| Renesas | uPD78F1501  | [LQFP80 12x12]  | (2874) |
| Renesas | uPD78F1501  | [LQFP80 14x14]  | (2875) |
| Renesas | uPD78F1501A | [LQFP80 12x12]  | (2874) |
| Renesas | uPD78F1501A | [LQFP80 14x14]  | (2875) |
| Renesas | uPD78F1502  | [LQFP80 12x12]  | (2874) |
| Renesas | uPD78F1502  | [LQFP80 14x14]  | (2875) |
| Renesas | uPD78F1502A | [LQFP80 12x12]  | (2874) |
| Renesas | uPD78F1502A | [LQFP80 14x14]  | (2875) |
| Renesas | uPD78F1503  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1503  | [LQFP100]       | (2305) |
| Renesas | uPD78F1504  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1504  | [LQFP100]       | (2305) |
| Renesas | uPD78F1505  | (ISP-UART)      | (138)  |
| Renesas | uPD78F1505  | [LQFP100]       | (2305) |
| Renesas | uPD78F1510  | [LQFP80 12x12]  | (2874) |
| Renesas | uPD78F1510  | [LQFP80 14x14]  | (2875) |
| Renesas | uPD78F1510A | [LQFP80 12x12]  | (2874) |
| Renesas | uPD78F1510A | [LQFP80 14x14]  | (2875) |
| Renesas | uPD78F1512  | [LQFP80 12x12]  | (2874) |
| Renesas | uPD78F1512  | [LQFP80 14x14]  | (2875) |



|         |              |                 |              |
|---------|--------------|-----------------|--------------|
| Renesas | uPD78F1512A  | [LQFP80 12x12]  | (2874)       |
| Renesas | uPD78F1512A  | [LQFP80 14x14]  | (2875)       |
| Renesas | uPD78F1804   | [SSOP30]        | (3634)       |
| Renesas | uPD78F1812   | (ISP-UART)      | (138)        |
| Renesas | uPD78F1812   | [LQFP48]        | (174)        |
| Renesas | uPD78F1812   | [WQFN48]        | (567)        |
| Renesas | uPD78F1812A  | (ISP-UART)      | (138)        |
| Renesas | uPD78F1812A  | [LQFP48]        | (174)        |
| Renesas | uPD78F1812A  | [WQFN48]        | (567)        |
| Renesas | uPD78F1813   | (ISP-UART)      | (138)        |
| Renesas | uPD78F1813   | [LQFP48]        | (174)        |
| Renesas | uPD78F1813   | [WQFN48]        | (567)        |
| Renesas | uPD78F1813A  | (ISP-UART)      | (138)        |
| Renesas | uPD78F1813A  | [LQFP48]        | (174)        |
| Renesas | uPD78F1813A  | [WQFN48]        | (567)        |
| Renesas | uPD78F1814   | (ISP-UART)      | (138)        |
| Renesas | uPD78F1814   | [LQFP48]        | (174)        |
| Renesas | uPD78F1814   | [WQFN48]        | (567)        |
| Renesas | uPD78F1814A  | (ISP-UART)      | (138)        |
| Renesas | uPD78F1814A  | [LQFP48]        | (174)        |
| Renesas | uPD78F1814A  | [WQFN48]        | (567)        |
| Renesas | uPD78F1815   | (ISP-UART)      | (138)        |
| Renesas | uPD78F1815   | [LQFP48]        | (174)        |
| Renesas | uPD78F1815   | [WQFN48]        | (567)        |
| Renesas | uPD78F1815A  | (ISP-UART)      | (138)        |
| Renesas | uPD78F1815A  | [LQFP48]        | (174)        |
| Renesas | uPD78F1815A  | [WQFN48]        | (567)        |
| Renesas | uPD78F1816   | (ISP-UART)      | (138)        |
| Renesas | uPD78F1816   | [LQFP48]        | (174)        |
| Renesas | uPD78F1816   | [WQFN48]        | (567)        |
| Renesas | uPD78F1816A  | (ISP-UART)      | (138)        |
| Renesas | uPD78F1816A  | [LQFP48]        | (174)        |
| Renesas | uPD78F1816A  | [WQFN48]        | (567)        |
| Renesas | uPD78F1817   | (ISP-UART)      | (138)        |
| Renesas | uPD78F1817   | [LQFP48]        | (174)        |
| Renesas | uPD78F1817   | [WQFN48]        | (567)        |
| Renesas | uPD78F1817A  | (ISP-UART)      | (138)        |
| Renesas | uPD78F1817A  | [LQFP48]        | (174)        |
| Renesas | uPD78F1817A  | [WQFN48]        | (567)        |
| Renesas | uPD78F1826   | (ISP-UART)      | (138) (9997) |
| Renesas | uPD78F1826   | [LQFP48]        | (174)        |
| Renesas | uPD78F1826   | [WQFN48]        | (567)        |
| Renesas | uPD78F1827   | (ISP-UART)      | (138) (9997) |
| Renesas | uPD78F1827   | [LQFP48]        | (174)        |
| Renesas | uPD78F1827   | [WQFN48]        | (567)        |
| Renesas | uPD78F1828   | (ISP-UART)      | (138) (9997) |
| Renesas | uPD78F1828   | [LQFP48]        | (174)        |
| Renesas | uPD78F1828   | [WQFN48]        | (567)        |
| Renesas | uPD78F1829   | (ISP-UART)      | (138) (9997) |
| Renesas | uPD78F1829   | [LQFP48]        | (174)        |
| Renesas | uPD78F1829   | [WQFN48]        | (567)        |
| Renesas | uPD78F1830   | (ISP-UART)      | (138) (9997) |
| Renesas | uPD78F1830   | [LQFP48]        | (174)        |
| Renesas | uPD78F1830   | [WQFN48]        | (567)        |
| Renesas | uPD78F1831   | [LQFP64]        | (2614)       |
| Renesas | uPD78F1832   | [LQFP64]        | (2614)       |
| Renesas | uPD78F1833   | [LQFP64]        | (2614)       |
| Renesas | uPD78F1834   | [LQFP64]        | (2614)       |
| Renesas | uPD78F1835   | [LQFP64]        | (2614)       |
| Renesas | uPD78F1841   | (ISP-UART)      | (138)        |
| Renesas | uPD78F1841   | [LQFP100 14x14] | (2305)       |
| Renesas | uPD78F1842   | (ISP-UART)      | (138)        |
| Renesas | uPD78F1842   | [LQFP100 14x14] | (2305)       |
| Renesas | uPD78F1843   | (ISP-UART)      | (138)        |
| Renesas | uPD78F1843   | [LQFP100 14x14] | (2305)       |
| Renesas | uPD78F1844   | (ISP-UART)      | (138)        |
| Renesas | uPD78F1844   | [LQFP100 14x14] | (2305)       |
| Renesas | uPD78F1845   | (ISP-UART)      | (138)        |
| Renesas | uPD78F1845   | [LQFP100 14x14] | (2305)       |
| Renesas | uPD78F4218A  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F4218A  | [LQFP100]       | (903)        |
| Renesas | uPD78F4218AY | (ISP-SPI)       | (138)        |
| Renesas | uPD78F4218AY | [LQFP100]       | (903)        |
| Renesas | uPD78F4225   | [LQFP80 12x12]  | (2892)       |
| Renesas | uPD78F4225   | [LQFP80 14x14]  | (2891)       |
| Renesas | uPD78F4225Y  | [LQFP80 12x12]  | (2892)       |
| Renesas | uPD78F4225Y  | [LQFP80 14x14]  | (2891)       |
| Renesas | uPD78F4938A  | [QFP100]        | (3536)       |
| Renesas | uPD78F8041   | (ISP-UART)      | (138)        |
| Renesas | uPD78F8064   | (ISP-SPI)       | (138) (9997) |
| Renesas | uPD78F8064   | [WQFN64]        | (3571)       |
| Renesas | uPD78F8065   | (ISP-SPI)       | (138) (9997) |
| Renesas | uPD78F8065   | [WQFN64]        | (3571)       |
| Renesas | uPD78F8066   | (ISP-SPI)       | (138) (9997) |
| Renesas | uPD78F8066   | [WQFN64]        | (3571)       |
| Renesas | uPD78F8067   | (ISP-SPI)       | (138) (9997) |
| Renesas | uPD78F8067   | [WQFN64]        | (3571)       |
| Renesas | uPD78F8068   | (ISP-SPI)       | (138) (9997) |
| Renesas | uPD78F8068   | [WQFN64]        | (3571)       |
| Renesas | uPD78F8069   | (ISP-SPI)       | (138) (9997) |
| Renesas | uPD78F8069   | [WQFN64]        | (3571)       |
| Renesas | uPD78F9026A  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9026A  | [LQFP44]        | (94)         |
| Renesas | uPD78F9046   | [LQFP44]        | (94)         |
| Renesas | uPD78F9076   | [SSOP30]        | (2354)       |
| Renesas | uPD78F9088   | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9088   | [SSOP30]        | (2354)       |
| Renesas | uPD78F9116A  |                 |              |
| Renesas | uPD78F9116A  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9116A  | [SSOP30]        | (2354)       |
| Renesas | uPD78F9116B  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9116B  | [SSOP30]        | (2354)       |
| Renesas | uPD78F9136A  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9136A  | [SSOP30]        | (2354)       |
| Renesas | uPD78F9136B  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9136B  | [SSOP30]        | (2354)       |
| Renesas | uPD78F9177A  | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9177A  | [QFP44]         | (94)         |
| Renesas | uPD78F9177A  | [TQFP48]        | (174)        |
| Renesas | uPD78F9177AY | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9177AY | [QFP44]         | (94)         |
| Renesas | uPD78F9177AY | [TQFP48]        | (174)        |
| Renesas | uPD78F9200   | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9200   | [SSOP10]        | (1090)       |
| Renesas | uPD78F9201   | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9201   | [SSOP10]        | (1090)       |
| Renesas | uPD78F9202   | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9202   | [SSOP10]        | (1090)       |
| Renesas | uPD78F9210   | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9210   | [SSOP16]        | (1088)       |
| Renesas | uPD78F9211   | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9211   | [SSOP16]        | (1088)       |
| Renesas | uPD78F9212   | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9212   | [SSOP16]        | (1088)       |
| Renesas | uPD78F9221   | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9221   | [SSOP20]        | (2354)       |
| Renesas | uPD78F9222   | (ISP-SPI)       | (138)        |
| Renesas | uPD78F9222   | [SSOP20]        | (2354)       |

|                  |                 |                   |        |
|------------------|-----------------|-------------------|--------|
| Renesas          | uPD78F9224      | (ISP-SPI)         | (138)  |
| Renesas          | uPD78F9224      | [SSOP20]          | (2354) |
| Renesas          | uPD78F9232      | (ISP-SPI)         | (138)  |
| Renesas          | uPD78F9232      | [SDIP32]          | (175)  |
| Renesas          | uPD78F9232      | [SSOP30]          | (2354) |
| Renesas          | uPD78F9234      | (ISP-SPI)         | (138)  |
| Renesas          | uPD78F9234      | [SDIP32]          | (175)  |
| Renesas          | uPD78F9234      | [SSOP30]          | (2354) |
| Renesas          | uPD78F9306      | [TQFP64]          | (2615) |
| Renesas          | uPD78F9316      | [TQFP64]          | (2615) |
| Renesas          | uPD78F9418A     | (ISP-SPI)         | (138)  |
| Renesas          | uPD78F9418A     | [QFP80]           | (1033) |
| Renesas          | uPD78F9418A     | [TQFP80]          | (1032) |
| Renesas          | uPD78F9436      | [LQFP64]          | (2614) |
| Renesas          | uPD78F9436      | [TQFP64]          | (2615) |
| Renesas          | uPD78F9456      | [LQFP64]          | (2614) |
| Renesas          | uPD78F9456      | [TQFP64]          | (2615) |
| Renesas          | uPD78F9500      | (ISP-SPI)         | (138)  |
| Renesas          | uPD78F9500      | [SSOP10]          | (1088) |
| Renesas          | uPD78F9501      | (ISP-SPI)         | (138)  |
| Renesas          | uPD78F9501      | [SSOP10]          | (1088) |
| Renesas          | uPD78F9502      | (ISP-SPI)         | (138)  |
| Renesas          | uPD78F9502      | [SSOP10]          | (1088) |
| Renesas          | uPD78P014       |                   | (17)   |
| Renesas          | uPD78P014       | [QFP64]           | (648)  |
| Renesas          | uPD78P014FY     |                   | (17)   |
| Renesas          | uPD78P014FY     | [QFP64]           | (648)  |
| Renesas          | uPD78P014Y      |                   | (17)   |
| Renesas          | uPD78P014Y      | [QFP64]           | (648)  |
| Renesas          | uPD78P018FY     |                   | (17)   |
| Renesas          | uPD78P018FY     | [QFP64]           | (648)  |
| Renesas          | uPD78P018Y      |                   | (17)   |
| Renesas          | uPD78P018Y      | [QFP64]           | (648)  |
| Renesas          | uPD78P0308      | [LQFP100]         | (1004) |
| Renesas          | uPD78P0308      | [QFP100 14x20]    | (751)  |
| Renesas          | uPD78P0308Y     | [LQFP100]         | (1004) |
| Renesas          | uPD78P0308Y     | [QFP100 14x20]    | (751)  |
| Renesas          | uPD78P054       | [QFP80]           | (19)   |
| Renesas          | uPD78P054       | [TQFP80]          | (20)   |
| Renesas          | uPD78P058       | [QFP80]           | (19)   |
| Renesas          | uPD78P058F      | [QFP80]           | (19)   |
| Renesas          | uPD78P058FY     | [QFP80]           | (19)   |
| Renesas          | uPD78P058Y      | [QFP80]           | (19)   |
| Renesas          | uPD78P064       | [LQFP100]         | (1004) |
| Renesas          | uPD78P064       | [QFP100 14x20]    | (751)  |
| Renesas          | uPD78P064B      | [LQFP100]         | (1004) |
| Renesas          | uPD78P064B      | [QFP100 14x20]    | (751)  |
| Renesas          | uPD78P064Y      | [QFP100 14x20]    | (751)  |
| Renesas          | uPD78P078       | [LQFP100]         | (1329) |
| Renesas          | uPD78P078       | [QFP100 14x14]    | (1329) |
| Renesas          | uPD78P078       | [QFP100 14x20]    | (3674) |
| Renesas          | uPD78P078Y      | [LQFP100]         | (1329) |
| Renesas          | uPD78P078Y      | [QFP100 14x20]    | (3674) |
| Renesas          | uPD78P083       | [QFP44-1]         | (108)  |
| Renesas          | uPD78P083       | [QFP44-2]         | (106)  |
| Renesas          | uPD78P083       | [SDIP42]          | (164)  |
| Renesas          | uPD78P312A      | [PLCC68]          | (3673) |
| Renesas          | uPD79F7025      | [LQFP32]          | (3062) |
| Renesas          | uPD79F7026      | [LQFP32]          | (3062) |
| Renesas          | uPD79F8513A     | [LQFP44]          | (94)   |
| Renesas          | ZL2004-01       | [QFN32]           | (1272) |
| Renesas          | ZL2005          | [QFN36]           | (1270) |
| Renesas          | ZL2005P         | [QFN36]           | (1270) |
| Renesas          | ZL2006          | [QFN36]           | (1270) |
| Renesas          | ZL2008          | [QFN36]           | (1270) |
| Renesas          | ZL6100          | [QFN36]           | (1270) |
| Renesas          | ZL6105          | [QFN36]           | (3133) |
| RFT (DDR)        | U2716C          |                   |        |
| RFT (DDR)        | U2732C          |                   |        |
| RFT (DDR)        | U555C           |                   | (2)    |
| Richtek          | AU0-P303.11     | [VQFN40]          | (3183) |
| Richtek          | CM601           | [WQFN24]          | (731)  |
| Richtek          | CM602           | [WQFN28]          | (1245) |
| Richtek          | CS902-A-R       | [VQFN40]          | (3135) |
| Richtek          | RT6505          | [WQFN28]          | (1550) |
| Richtek          | RT6925          | [VQFN40]          | (3183) |
| Ricoh            | 27C256          |                   |        |
| Ricoh            | 27C256          | [PLCC32]          | (59)   |
| Ricoh            | 27C64(21V)      |                   |        |
| Ricoh            | 27C64(21V)      | [PLCC32]          | (59)   |
| Ricoh            | RD27C256        |                   |        |
| Ricoh            | RD27C256        | [PLCC32]          | (59)   |
| Ricoh            | RD27C32         |                   |        |
| Ricoh            | RD27C64         |                   |        |
| Ricoh            | RF5H01          |                   |        |
| Ricoh            | RP5H01          |                   |        |
| Rochester Elect. | 24C04A          |                   |        |
| Rochester Elect. | 24C04A          | (ISP)             | (138)  |
| Rochester Elect. | 24C04A          | [SOIC14]          | (951)  |
| Rochester Elect. | 24C04A          | [SOIC8-150]       | (950)  |
| Rochester Elect. | 24C04A          | [SOIC8-208]       | (46)   |
| Rochester Elect. | 5962-9169702MXA |                   |        |
| Rochester Elect. | 5962-9169702MXA | [PLCC44]          | (67)   |
| Rochester Elect. | 93C46           |                   |        |
| Rochester Elect. | 93C46           | (ISP)             | (138)  |
| Rochester Elect. | 93LC56 (x16)    | (ISP)             | (138)  |
| Rochester Elect. | 93LC56 (x8)     | (ISP)             | (138)  |
| Rochester Elect. | 93LC56X (x16)   | [SOIC8]           | (950)  |
| Rochester Elect. | 93LC56X (x8)    | [SOIC8]           | (950)  |
| Rochester Elect. | 93LC66 (x16)    | (ISP)             | (138)  |
| Rochester Elect. | 93LC66 (x8)     | (ISP)             | (138)  |
| Rochester Elect. | 93LC66X (x16)   | [SOIC8]           | (950)  |
| Rochester Elect. | 93LC66X (x8)    | [SOIC8]           | (950)  |
| Rochester Elect. | CAT14016        | (ISP)             | (138)  |
| Rochester Elect. | CAT14016        | [SOIC8]           | (950)  |
| Rochester Elect. | CAT24C01B       | (ISP)             | (138)  |
| Rochester Elect. | CAT24C01B       | [SOIC8]           | (950)  |
| Rochester Elect. | CAT24C02        | (ISP)             | (138)  |
| Rochester Elect. | CAT24C02        | [TDFN8]           | (2995) |
| Rochester Elect. | CAT24C08        | (ISP)             | (138)  |
| Rochester Elect. | CAT24C08        | [SOIC8]           | (950)  |
| Rochester Elect. | CAT24C128       | (ISP)             | (138)  |
| Rochester Elect. | CAT24C128       | [SOIC8]           | (950)  |
| Rochester Elect. | CAT24WC02       |                   |        |
| Rochester Elect. | CAT24WC02       | (ISP)             | (138)  |
| Rochester Elect. | CAT24WC02       | [SOIC8]           | (950)  |
| Rochester Elect. | CAT24WC16       |                   |        |
| Rochester Elect. | CAT24WC16       | (ISP)             | (138)  |
| Rochester Elect. | CAT24WC256      | (ISP)             | (138)  |
| Rochester Elect. | CAT24WC256      | [SOIC8]           | (950)  |
| Rochester Elect. | CAT25C02        | (ISP)             | (138)  |
| Rochester Elect. | CAT25C02        | [SOIC8]           | (950)  |
| Rochester Elect. | CAT93C46        | (x16)             |        |
| Rochester Elect. | CAT93C46        | (x16) (ISP)       | (138)  |
| Rochester Elect. | CAT93C46        | (x16) [SOIC8-150] | (950)  |
| Rochester Elect. | CAT93C46        | (x16) [SOIC8-200] | (46)   |
| Rochester Elect. | CAT93C46        | (x16) [TSSOP8]    | (121)  |
| Rochester Elect. | CAT93C46        | (x8)              |        |

|           |        |                               |        |
|-----------|--------|-------------------------------|--------|
| Rochester | Elect. | CAT93C46 (x8) (ISP)           | (138)  |
| Rochester | Elect. | CAT93C46 (x8) [SOIC8-150]     | (950)  |
| Rochester | Elect. | CAT93C46 (x8) [SOIC8-200]     | (46)   |
| Rochester | Elect. | CAT93C46 (x8) [TSSOP8]        | (121)  |
| Rochester | Elect. | CAT93C46J/W (x16) [SOIC8-150] | (950)  |
| Rochester | Elect. | CAT93C46J/W (x8) [SOIC8-150]  | (950)  |
| Rochester | Elect. | CAT93C56 (x16)                |        |
| Rochester | Elect. | CAT93C56 (x16) (ISP)          | (138)  |
| Rochester | Elect. | CAT93C56 (x16) [SOIC8-150]    | (950)  |
| Rochester | Elect. | CAT93C56 (x16) [SOIC8-200]    | (46)   |
| Rochester | Elect. | CAT93C56 (x16) [TSSOP8]       | (121)  |
| Rochester | Elect. | CAT93C56 (x8)                 |        |
| Rochester | Elect. | CAT93C56 (x8) (ISP)           | (138)  |
| Rochester | Elect. | CAT93C56 (x8) [SOIC8-150]     | (950)  |
| Rochester | Elect. | CAT93C56 (x8) [SOIC8-200]     | (46)   |
| Rochester | Elect. | CAT93C56 (x8) [TSSOP8]        | (121)  |
| Rochester | Elect. | CAT93C56J/W (x16) [SOIC8-150] | (950)  |
| Rochester | Elect. | CAT93C56J/W (x8) [SOIC8-150]  | (950)  |
| Rochester | Elect. | FM24C04U                      |        |
| Rochester | Elect. | FM24C04U (ISP)                | (138)  |
| Rochester | Elect. | FM24C04U [SOIC8]              | (950)  |
| Rochester | Elect. | FM24C04U [TSSOP8]             | (121)  |
| Rochester | Elect. | FM24C08U                      |        |
| Rochester | Elect. | FM24C08U (ISP)                | (138)  |
| Rochester | Elect. | FM24C08U [SOIC8]              | (950)  |
| Rochester | Elect. | FM24C08U [TSSOP8]             | (121)  |
| Rochester | Elect. | FM24C08UF                     |        |
| Rochester | Elect. | FM24C08UF (ISP)               | (138)  |
| Rochester | Elect. | FM24C08UF [SOIC8]             | (950)  |
| Rochester | Elect. | FM24C08UF [TSSOP8]            | (121)  |
| Rochester | Elect. | FM24C128                      |        |
| Rochester | Elect. | FM24C128 (ISP)                | (138)  |
| Rochester | Elect. | FM24C128 [SOIC8]              | (950)  |
| Rochester | Elect. | FM24C128 [TSSOP8]             | (121)  |
| Rochester | Elect. | FM24C32U                      |        |
| Rochester | Elect. | FM24C32U (ISP)                | (138)  |
| Rochester | Elect. | FM24C32U [SOIC8]              | (950)  |
| Rochester | Elect. | FM24C32UF (ISP)               | (138)  |
| Rochester | Elect. | FM24C32UF [SOIC8]             | (950)  |
| Rochester | Elect. | FM24C64                       |        |
| Rochester | Elect. | FM24C64 (ISP)                 | (138)  |
| Rochester | Elect. | FM24C64 [SOIC8]               | (950)  |
| Rochester | Elect. | FM24C64F                      |        |
| Rochester | Elect. | FM24C64F (ISP)                | (138)  |
| Rochester | Elect. | FM24C64F [SOIC8]              | (950)  |
| Rochester | Elect. | FM25C020U                     |        |
| Rochester | Elect. | FM25C020U (ISP)               | (138)  |
| Rochester | Elect. | FM25C020U [SO8]               | (950)  |
| Rochester | Elect. | FM25C020U [TSSOP8]            | (121)  |
| Rochester | Elect. | FM25C040U                     |        |
| Rochester | Elect. | FM25C040U (ISP)               | (138)  |
| Rochester | Elect. | FM25C040U [SO8]               | (950)  |
| Rochester | Elect. | FM25C040U [TSSOP8]            | (121)  |
| Rochester | Elect. | FM25C041U                     |        |
| Rochester | Elect. | FM25C041U (ISP)               | (138)  |
| Rochester | Elect. | FM25C041U [SO8]               | (950)  |
| Rochester | Elect. | FM25C041U [TSSOP8]            | (121)  |
| Rochester | Elect. | FM25C160U                     |        |
| Rochester | Elect. | FM25C160U (ISP)               | (138)  |
| Rochester | Elect. | FM25C160U [SO8]               | (950)  |
| Rochester | Elect. | FM25C640U                     |        |
| Rochester | Elect. | FM25C640U (ISP)               | (138)  |
| Rochester | Elect. | FM25C640U [SO8]               | (950)  |
| Rochester | Elect. | FM93C06 (x16)                 |        |
| Rochester | Elect. | FM93C06 (x16) (ISP)           | (138)  |
| Rochester | Elect. | FM93C06 (x16) [SO8]           | (950)  |
| Rochester | Elect. | FM93C06 (x16) [TSSOP8]        | (121)  |
| Rochester | Elect. | FM93C46 (x16)                 |        |
| Rochester | Elect. | FM93C46 (x16) (ISP)           | (138)  |
| Rochester | Elect. | FM93C46 (x16) [SO8]           | (950)  |
| Rochester | Elect. | FM93C46 (x16) [TSSOP8]        | (121)  |
| Rochester | Elect. | FM93C46A (x16)                |        |
| Rochester | Elect. | FM93C46A (x16) (ISP)          | (138)  |
| Rochester | Elect. | FM93C46A (x16) [SO8]          | (950)  |
| Rochester | Elect. | FM93C46A (x16) [TSSOP8]       | (121)  |
| Rochester | Elect. | FM93C46A (x8)                 |        |
| Rochester | Elect. | FM93C46A (x8) (ISP)           | (138)  |
| Rochester | Elect. | FM93C46A (x8) [SO8]           | (950)  |
| Rochester | Elect. | FM93C46A (x8) [TSSOP8]        | (121)  |
| Rochester | Elect. | FM93C46T (x16) [SO8]          | (950)  |
| Rochester | Elect. | FM93C56 (x16)                 |        |
| Rochester | Elect. | FM93C56 (x16) (ISP)           | (138)  |
| Rochester | Elect. | FM93C56 (x16) [SO8]           | (950)  |
| Rochester | Elect. | FM93C56 (x16) [TSSOP8]        | (121)  |
| Rochester | Elect. | FM93C56T (x16) [SO8]          | (950)  |
| Rochester | Elect. | FM93CS46 (x16)                |        |
| Rochester | Elect. | FM93CS46 (x16) (ISP)          | (138)  |
| Rochester | Elect. | FM93CS46 (x16) [SO8]          | (950)  |
| Rochester | Elect. | FM93CS46 (x16) [TSSOP8]       | (121)  |
| Rochester | Elect. | FM93CS46T (x16) [SO8]         | (950)  |
| Rochester | Elect. | LCMX0640C [fpBGA256]          | (906)  |
| Rochester | Elect. | LCMX0640C [fpBGA256] (SVF)    | (906)  |
| Rochester | Elect. | LCMX0640C [fpBGA256] (VME)    | (906)  |
| Rock      |        | 29F010                        |        |
| Rockwell  |        | R2716                         |        |
| Rockwell  |        | R2764                         |        |
| Rockwell  |        | R2764C                        |        |
| Rockwell  |        | R2764P                        |        |
| Rockwell  |        | R27C64                        |        |
| Rockwell  |        | R2816A                        |        |
| Rockwell  |        | R8732                         |        |
| Rockwell  |        | R8732A                        |        |
| Rockwell  |        | R8764                         |        |
| Rockwell  |        | R87C64                        |        |
| Rohm      |        | BR24A01A (ISP)                | (138)  |
| Rohm      |        | BR24A01AF [SOP8]              | (1313) |
| Rohm      |        | BR24A01AFJ [SOP-J8]           | (950)  |
| Rohm      |        | BR24A02 (ISP)                 | (138)  |
| Rohm      |        | BR24A02F [SOP8]               | (1313) |
| Rohm      |        | BR24A02FJ [SOP-J8]            | (950)  |
| Rohm      |        | BR24A02FVM [MSOP8]            | (714)  |
| Rohm      |        | BR24A04 (ISP)                 | (138)  |
| Rohm      |        | BR24A04F [SOP8]               | (1313) |
| Rohm      |        | BR24A04FJ [SOP-J8]            | (950)  |
| Rohm      |        | BR24A08 (ISP)                 | (138)  |
| Rohm      |        | BR24A08F [SOP8]               | (1313) |
| Rohm      |        | BR24A08FJ [SOP-J8]            | (950)  |
| Rohm      |        | BR24A16 (ISP)                 | (138)  |
| Rohm      |        | BR24A16F [SOP8]               | (1313) |
| Rohm      |        | BR24A16FJ [SOP-J8]            | (950)  |
| Rohm      |        | BR24A32 (ISP)                 | (138)  |
| Rohm      |        | BR24A32F [SOP8]               | (1313) |
| Rohm      |        | BR24A32FJ [SOP-J8]            | (950)  |
| Rohm      |        | BR24A64 (ISP)                 | (138)  |
| Rohm      |        | BR24A64F [SOP8]               | (1313) |
| Rohm      |        | BR24A64FJ [SOP-J8]            | (950)  |
| Rohm      |        | BR24C01A                      |        |
| Rohm      |        | BR24C01A (ISP)                | (138)  |

|      |                           |        |
|------|---------------------------|--------|
| Rohm | BR24C01AF [SOP8]          | (1313) |
| Rohm | BR24C01AFJ [SOP-J8]       | (950)  |
| Rohm | BR24C01AFV [SSOP-B8]      | (121)  |
| Rohm | BR24C01-DS [TSSOP8-3x3]   | (605)  |
| Rohm | BR24C01-DW [TSSOP8]       | (121)  |
| Rohm | BR24C01-MN [SO8]          | (950)  |
| Rohm | BR24C01-RDS [TSSOP8-3x3]  | (605)  |
| Rohm | BR24C01-RDW [TSSOP8]      | (121)  |
| Rohm | BR24C01-RMN [SO8]         | (950)  |
| Rohm | BR24C01-WDS [TSSOP8-3x3]  | (605)  |
| Rohm | BR24C01-WDW [TSSOP8]      | (121)  |
| Rohm | BR24C01-WMN [SO8]         | (950)  |
| Rohm | BR24C01-xxx (ISP)         | (138)  |
| Rohm | BR24C02                   |        |
| Rohm | BR24C02 (ISP)             | (138)  |
| Rohm | BR24C02-DS [TSSOP8-3x3]   | (605)  |
| Rohm | BR24C02-DW [TSSOP8]       | (121)  |
| Rohm | BR24C02F [SOP8]           | (1313) |
| Rohm | BR24C02FJ [SOP-J8]        | (950)  |
| Rohm | BR24C02FV [SSOP-B8]       | (121)  |
| Rohm | BR24C02-MN [SO8]          | (950)  |
| Rohm | BR24C02-RDS [TSSOP8-3x3]  | (605)  |
| Rohm | BR24C02-RDW [TSSOP8]      | (121)  |
| Rohm | BR24C02-RMN [SO8]         | (950)  |
| Rohm | BR24C02-WDS [TSSOP8-3x3]  | (605)  |
| Rohm | BR24C02-WDW [TSSOP8]      | (121)  |
| Rohm | BR24C02-WMN [SO8]         | (950)  |
| Rohm | BR24C02-xxx (ISP)         | (138)  |
| Rohm | BR24C04                   |        |
| Rohm | BR24C04 (ISP)             | (138)  |
| Rohm | BR24C04-DS [TSSOP8-3x3]   | (605)  |
| Rohm | BR24C04-DW [TSSOP8]       | (121)  |
| Rohm | BR24C04F [SOP8]           | (1313) |
| Rohm | BR24C04FJ [SOP-J8]        | (950)  |
| Rohm | BR24C04FV [SSOP-B8]       | (121)  |
| Rohm | BR24C04-MN [SO8]          | (950)  |
| Rohm | BR24C04-RDS [TSSOP8-3x3]  | (605)  |
| Rohm | BR24C04-RDW [TSSOP8]      | (121)  |
| Rohm | BR24C04-RMN [SO8]         | (950)  |
| Rohm | BR24C04-WDS [TSSOP8-3x3]  | (605)  |
| Rohm | BR24C04-WDW [TSSOP8]      | (121)  |
| Rohm | BR24C04-WMN [SO8]         | (950)  |
| Rohm | BR24C04-xxx (ISP)         | (138)  |
| Rohm | BR24C08                   |        |
| Rohm | BR24C08 (ISP)             | (138)  |
| Rohm | BR24C08-DS [TSSOP8-3x3]   | (605)  |
| Rohm | BR24C08-DW [TSSOP8]       | (121)  |
| Rohm | BR24C08F [SOP8]           | (1313) |
| Rohm | BR24C08FJ [SOP-J8]        | (950)  |
| Rohm | BR24C08FV [SSOP-B8]       | (121)  |
| Rohm | BR24C08-MN [SO8]          | (950)  |
| Rohm | BR24C08-RDS [TSSOP8-3x3]  | (605)  |
| Rohm | BR24C08-RDW [TSSOP8]      | (121)  |
| Rohm | BR24C08-RMN [SO8]         | (950)  |
| Rohm | BR24C08-WDS [TSSOP8-3x3]  | (605)  |
| Rohm | BR24C08-WDW [TSSOP8]      | (121)  |
| Rohm | BR24C08-WMN [SO8]         | (950)  |
| Rohm | BR24C08-xxx (ISP)         | (138)  |
| Rohm | BR24C16                   |        |
| Rohm | BR24C16 (ISP)             | (138)  |
| Rohm | BR24C16-DS [TSSOP8-3x3]   | (605)  |
| Rohm | BR24C16-DW [TSSOP8]       | (121)  |
| Rohm | BR24C16F [SOP8]           | (1313) |
| Rohm | BR24C16FJ [SOP-J8]        | (950)  |
| Rohm | BR24C16FV [SSOP-B8]       | (121)  |
| Rohm | BR24C16-MN [SO8]          | (950)  |
| Rohm | BR24C16-RDS [TSSOP8-3x3]  | (605)  |
| Rohm | BR24C16-RDW [TSSOP8]      | (121)  |
| Rohm | BR24C16-RMN [SO8]         | (950)  |
| Rohm | BR24C16-WDS [TSSOP8-3x3]  | (605)  |
| Rohm | BR24C16-WDW [TSSOP8]      | (121)  |
| Rohm | BR24C16-WMN [SO8]         | (950)  |
| Rohm | BR24C16-xxx (ISP)         | (138)  |
| Rohm | BR24C21                   |        |
| Rohm | BR24C21 (ISP)             | (138)  |
| Rohm | BR24C21F [SOP8]           | (1313) |
| Rohm | BR24C21FJ [SOP-J8]        | (950)  |
| Rohm | BR24C21FV [TSSOP8]        | (121)  |
| Rohm | BR24C32                   |        |
| Rohm | BR24C32 (ISP)             | (138)  |
| Rohm | BR24C32-DW [TSSOP8]       | (121)  |
| Rohm | BR24C32F [SOP8]           | (1313) |
| Rohm | BR24C32-MN [SO8]          | (950)  |
| Rohm | BR24C32-xx (ISP)          | (138)  |
| Rohm | BR24C64                   |        |
| Rohm | BR24C64 (ISP)             | (138)  |
| Rohm | BR24C64F [SOP8]           | (1313) |
| Rohm | BR24C64-MN [SO8]          | (950)  |
| Rohm | BR24C64-xx (ISP)          | (138)  |
| Rohm | BR24CF16F (ISP)           | (138)  |
| Rohm | BR24CF16F [SOP8]          | (1313) |
| Rohm | BR24E16                   |        |
| Rohm | BR24E16 (ISP)             | (138)  |
| Rohm | BR24E16F [SOP8]           | (1313) |
| Rohm | BR24E16FJ [SOP-J8]        | (950)  |
| Rohm | BR24E16FV [SSOP-B8]       | (121)  |
| Rohm | BR24G01-3                 |        |
| Rohm | BR24G01-3A                |        |
| Rohm | BR24G01F-3 [SOP8]         | (1313) |
| Rohm | BR24G01F-3A [SOP8]        | (1313) |
| Rohm | BR24G01FJ-3 [SOP-J8]      | (950)  |
| Rohm | BR24G01FJ-3A [SOP-J8]     | (950)  |
| Rohm | BR24G01FJ-W [SOP-J8]      | (950)  |
| Rohm | BR24G01FV-3 [SSOP-B8]     | (121)  |
| Rohm | BR24G01FV-3A [SSOP-B8]    | (121)  |
| Rohm | BR24G01FVJ-3 [TSSOP-B8J]  | (605)  |
| Rohm | BR24G01FVJ-3A [TSSOP-B8J] | (605)  |
| Rohm | BR24G01FVM-3 [MSOP8]      | (714)  |
| Rohm | BR24G01FVM-3A [MSOP8]     | (714)  |
| Rohm | BR24G01FVT-3 [TSSOP-B8]   | (121)  |
| Rohm | BR24G01FVT-3A [TSSOP-B8]  | (121)  |
| Rohm | BR24G01FVT-W [TSSOP-B8]   | (121)  |
| Rohm | BR24G01FV-W [SSOP-B8]     | (121)  |
| Rohm | BR24G01F-W [SOP8]         | (1313) |
| Rohm | BR24G01NXX-3 [VSON008]    | (4538) |
| Rohm | BR24G01NXX-3A [VSON008]   | (4538) |
| Rohm | BR24G01-W                 |        |
| Rohm | BR24G01xxx-3 (ISP)        | (138)  |
| Rohm | BR24G01xxx-3A (ISP)       | (138)  |
| Rohm | BR24G01xxx-W (ISP)        | (138)  |
| Rohm | BR24G02-3                 |        |
| Rohm | BR24G02-3A                |        |
| Rohm | BR24G02F-3 [SOP8]         | (1313) |
| Rohm | BR24G02F-3A [SOP8]        | (1313) |
| Rohm | BR24G02FJ-3 [SOP-J8]      | (950)  |
| Rohm | BR24G02FJ-3A [SOP-J8]     | (950)  |
| Rohm | BR24G02FJ-W [SOP-J8]      | (950)  |
| Rohm | BR24G02FV-3 [SSOP-B8]     | (121)  |

|      |                |             |        |
|------|----------------|-------------|--------|
| Rohm | BR24G02FV-3A   | [SSOP-B8]   | (121)  |
| Rohm | BR24G02FVJ-3   | [TSSOP-B8J] | (605)  |
| Rohm | BR24G02FVJ-3A  | [TSSOP-B8J] | (605)  |
| Rohm | BR24G02FVM-3   | [MSOP8]     | (714)  |
| Rohm | BR24G02FVM-3A  | [MSOP8]     | (714)  |
| Rohm | BR24G02FVT-3   | [TSSOP-B8]  | (121)  |
| Rohm | BR24G02FVT-3A  | [TSSOP-B8]  | (121)  |
| Rohm | BR24G02FVT-W   | [TSSOP-B8]  | (121)  |
| Rohm | BR24G02FV-W    | [SSOP-B8]   | (121)  |
| Rohm | BR24G02F-W     | [SOP8]      | (1313) |
| Rohm | BR24G02NUX-3   | [VSON008]   | (4538) |
| Rohm | BR24G02NUX-3A  | [VSON008]   | (4538) |
| Rohm | BR24G02-W      |             |        |
| Rohm | BR24G02xxx-3   | (ISP)       | (138)  |
| Rohm | BR24G02xxx-3A  | (ISP)       | (138)  |
| Rohm | BR24G02xxx-W   | (ISP)       | (138)  |
| Rohm | BR24G04-3      |             |        |
| Rohm | BR24G04-3A     |             |        |
| Rohm | BR24G04F-3     | [SOP8]      | (1313) |
| Rohm | BR24G04F-3A    | [SOP8]      | (1313) |
| Rohm | BR24G04FJ-3    | [SOP-J8]    | (950)  |
| Rohm | BR24G04FJ-3A   | [SOP-J8]    | (950)  |
| Rohm | BR24G04FJ-W    | [SOP-J8]    | (950)  |
| Rohm | BR24G04FV-3    | [SSOP-B8]   | (121)  |
| Rohm | BR24G04FV-3A   | [SSOP-B8]   | (121)  |
| Rohm | BR24G04FVJ-3   | [TSSOP-B8J] | (605)  |
| Rohm | BR24G04FVJ-3A  | [TSSOP-B8J] | (605)  |
| Rohm | BR24G04FVM-3   | [MSOP8]     | (714)  |
| Rohm | BR24G04FVM-3A  | [MSOP8]     | (714)  |
| Rohm | BR24G04FVT-3   | [TSSOP-B8]  | (121)  |
| Rohm | BR24G04FVT-3A  | [TSSOP-B8]  | (121)  |
| Rohm | BR24G04FVT-W   | [TSSOP-B8]  | (121)  |
| Rohm | BR24G04FV-W    | [SSOP-B8]   | (121)  |
| Rohm | BR24G04F-W     | [SOP8]      | (1313) |
| Rohm | BR24G04NUX-3   | [VSON008]   | (4538) |
| Rohm | BR24G04NUX-3A  | [VSON008]   | (4538) |
| Rohm | BR24G04-W      |             |        |
| Rohm | BR24G04xxx-3   | (ISP)       | (138)  |
| Rohm | BR24G04xxx-3A  | (ISP)       | (138)  |
| Rohm | BR24G04xxx-W   | (ISP)       | (138)  |
| Rohm | BR24G08-3      |             |        |
| Rohm | BR24G08-3A     |             |        |
| Rohm | BR24G08F-3     | [SOP8]      | (1313) |
| Rohm | BR24G08F-3A    | [SOP8]      | (1313) |
| Rohm | BR24G08FJ-3    | [SOP-J8]    | (950)  |
| Rohm | BR24G08FJ-3A   | [SOP-J8]    | (950)  |
| Rohm | BR24G08FJ-W    | [SOP-J8]    | (950)  |
| Rohm | BR24G08FV-3    | [SSOP-B8]   | (121)  |
| Rohm | BR24G08FV-3A   | [SSOP-B8]   | (121)  |
| Rohm | BR24G08FVJ-3   | [TSSOP-B8J] | (605)  |
| Rohm | BR24G08FVJ-3A  | [TSSOP-B8J] | (605)  |
| Rohm | BR24G08FVM-3   | [MSOP8]     | (714)  |
| Rohm | BR24G08FVM-3A  | [MSOP8]     | (714)  |
| Rohm | BR24G08FVT-3   | [TSSOP-B8]  | (121)  |
| Rohm | BR24G08FVT-3A  | [TSSOP-B8]  | (121)  |
| Rohm | BR24G08FVT-W   | [TSSOP-B8]  | (121)  |
| Rohm | BR24G08FV-W    | [SSOP-B8]   | (121)  |
| Rohm | BR24G08F-W     | [SOP8]      | (1313) |
| Rohm | BR24G08NUX-3   | [VSON008]   | (4538) |
| Rohm | BR24G08NUX-3A  | [VSON008]   | (4538) |
| Rohm | BR24G08-W      |             |        |
| Rohm | BR24G08xxx-3   | (ISP)       | (138)  |
| Rohm | BR24G08xxx-3A  | (ISP)       | (138)  |
| Rohm | BR24G08xxx-W   | (ISP)       | (138)  |
| Rohm | BR24G128-3     |             |        |
| Rohm | BR24G128-3A    |             |        |
| Rohm | BR24G128F-3    | [SOP8]      | (1313) |
| Rohm | BR24G128F-3A   | [SOP8]      | (1313) |
| Rohm | BR24G128F-5    | [SOP8]      | (1313) |
| Rohm | BR24G128FJ-3   | [SOP-J8]    | (950)  |
| Rohm | BR24G128FJ-3A  | [SOP-J8]    | (950)  |
| Rohm | BR24G128FJ-5   | [SOP-J8]    | (950)  |
| Rohm | BR24G128FJ-W   | [SOP-J8]    | (950)  |
| Rohm | BR24G128FV-3   | [SSOP-B8]   | (121)  |
| Rohm | BR24G128FV-3A  | [SSOP-B8]   | (121)  |
| Rohm | BR24G128FVJ-3  | [TSSOP-B8J] | (605)  |
| Rohm | BR24G128FVJ-3A | [TSSOP-B8J] | (605)  |
| Rohm | BR24G128FVM-3  | [MSOP8]     | (714)  |
| Rohm | BR24G128FVM-3A | [MSOP8]     | (714)  |
| Rohm | BR24G128FVM-5  | [MSOP8]     | (714)  |
| Rohm | BR24G128FVT-3  | [TSSOP-B8]  | (121)  |
| Rohm | BR24G128FVT-3A | [TSSOP-B8]  | (121)  |
| Rohm | BR24G128FVT-5  | [TSSOP-B8]  | (121)  |
| Rohm | BR24G128FVT-W  | [TSSOP-B8]  | (121)  |
| Rohm | BR24G128FV-W   | [SSOP-B8]   | (121)  |
| Rohm | BR24G128F-W    | [SOP8]      | (1313) |
| Rohm | BR24G128NUX-3  | [VSON008]   | (4538) |
| Rohm | BR24G128NUX-3A | [VSON008]   | (4538) |
| Rohm | BR24G128NUX-5  | [VSON008]   | (2995) |
| Rohm | BR24G128xxx-3  | (ISP)       | (138)  |
| Rohm | BR24G128xxx-3A | (ISP)       | (138)  |
| Rohm | BR24G128xxx-5  | (ISP)       | (138)  |
| Rohm | BR24G128xxx-W  | (ISP)       | (138)  |
| Rohm | BR24G16-3      |             |        |
| Rohm | BR24G16-3A     |             |        |
| Rohm | BR24G16F-3     | [SOP8]      | (1313) |
| Rohm | BR24G16F-3A    | [SOP8]      | (1313) |
| Rohm | BR24G16FJ-3    | [SOP-J8]    | (950)  |
| Rohm | BR24G16FJ-3A   | [SOP-J8]    | (950)  |
| Rohm | BR24G16FJ-W    | [SOP-J8]    | (950)  |
| Rohm | BR24G16FV-3    | [SSOP-B8]   | (121)  |
| Rohm | BR24G16FV-3A   | [SSOP-B8]   | (121)  |
| Rohm | BR24G16FVJ-3   | [TSSOP-B8J] | (605)  |
| Rohm | BR24G16FVJ-3A  | [TSSOP-B8J] | (605)  |
| Rohm | BR24G16FVM-3   | [MSOP8]     | (714)  |
| Rohm | BR24G16FVM-3A  | [MSOP8]     | (714)  |
| Rohm | BR24G16FVT-3   | [TSSOP-B8]  | (121)  |
| Rohm | BR24G16FVT-3A  | [TSSOP-B8]  | (121)  |
| Rohm | BR24G16FVT-W   | [TSSOP-B8]  | (121)  |
| Rohm | BR24G16FV-W    | [SSOP-B8]   | (121)  |
| Rohm | BR24G16F-W     | [SOP8]      | (1313) |
| Rohm | BR24G16NUX-3   | [VSON008]   | (4538) |
| Rohm | BR24G16NUX-3A  | [VSON008]   | (4538) |
| Rohm | BR24G16-W      |             |        |
| Rohm | BR24G16xxx-3   | (ISP)       | (138)  |
| Rohm | BR24G16xxx-3A  | (ISP)       | (138)  |
| Rohm | BR24G16xxx-W   | (ISP)       | (138)  |
| Rohm | BR24G1M-3A     |             |        |
| Rohm | BR24G1MF-3A    | [SOP8]      | (1313) |
| Rohm | BR24G1MFJ-3A   | [SOP-J8]    | (950)  |
| Rohm | BR24G1Mxx-3A   | (ISP)       | (138)  |
| Rohm | BR24G256-3     |             |        |
| Rohm | BR24G256-3A    |             |        |
| Rohm | BR24G256F-3    | [SOP8]      | (1313) |
| Rohm | BR24G256F-3A   | [SOP8]      | (1313) |
| Rohm | BR24G256F-5    | [SOP8]      | (1313) |
| Rohm | BR24G256FJ-3   | [SOP-J8]    | (950)  |
| Rohm | BR24G256FJ-3A  | [SOP-J8]    | (950)  |

|      |                |            |        |
|------|----------------|------------|--------|
| Rohm | BR24G256FJ-5   | [SOP-J8]   | (950)  |
| Rohm | BR24G256FJ-W   | [SOP-J8]   | (950)  |
| Rohm | BR24G256FV-3   | [SSOP-B8]  | (121)  |
| Rohm | BR24G256FV-3A  | [SSOP-B8]  | (121)  |
| Rohm | BR24G256FVM-5  | [MSOP8]    | (714)  |
| Rohm | BR24G256FVT-3  | [TSSOP-B8] | (121)  |
| Rohm | BR24G256FVT-3A | [TSSOP-B8] | (121)  |
| Rohm | BR24G256FVT-5  | [TSSOP-B8] | (121)  |
| Rohm | BR24G256F-W    | [SOP8]     | (1313) |
| Rohm | BR24G256NUX-5  | [VSON008]  | (2995) |
| Rohm | BR24G256xxx-3  | (ISP)      | (138)  |
| Rohm | BR24G256xxx-3A | (ISP)      | (138)  |
| Rohm | BR24G256xxx-5  | (ISP)      | (138)  |
| Rohm | BR24G256xxx-W  | (ISP)      | (138)  |
| Rohm | BR24G32-3      |            |        |
| Rohm | BR24G32-3A     |            |        |
| Rohm | BR24G32F-3     | [SOP8]     | (1313) |
| Rohm | BR24G32F-3A    | [SOP8]     | (1313) |
| Rohm | BR24G32FJ-3    | [SOP-J8]   | (950)  |
| Rohm | BR24G32FJ-3A   | [SOP-J8]   | (950)  |
| Rohm | BR24G32FJ-W    | [SOP-J8]   | (950)  |
| Rohm | BR24G32FV-3    | [SSOP-B8]  | (121)  |
| Rohm | BR24G32FV-3A   | [SSOP-B8]  | (121)  |
| Rohm | BR24G32FVJ-3   | [TSSOP-B8] | (605)  |
| Rohm | BR24G32FVJ-3A  | [TSSOP-B8] | (605)  |
| Rohm | BR24G32FVM-3   | [MSOP8]    | (714)  |
| Rohm | BR24G32FVM-3A  | [MSOP8]    | (714)  |
| Rohm | BR24G32FVT-3   | [TSSOP-B8] | (121)  |
| Rohm | BR24G32FVT-3A  | [TSSOP-B8] | (121)  |
| Rohm | BR24G32FVT-W   | [TSSOP-B8] | (121)  |
| Rohm | BR24G32FV-W    | [SSOP-B8]  | (121)  |
| Rohm | BR24G32F-W     | [SOP8]     | (1313) |
| Rohm | BR24G32NUX-3   | [VSON008]  | (4538) |
| Rohm | BR24G32NUX-3A  | [VSON008]  | (4538) |
| Rohm | BR24G32-W      |            |        |
| Rohm | BR24G32xxx-3   | (ISP)      | (138)  |
| Rohm | BR24G32xxx-3A  | (ISP)      | (138)  |
| Rohm | BR24G32xxx-W   | (ISP)      | (138)  |
| Rohm | BR24G512-3A    |            |        |
| Rohm | BR24G512F-3A   | [SOP8]     | (1313) |
| Rohm | BR24G512FJ-3A  | [SOP-J8]   | (950)  |
| Rohm | BR24G512FVT-3A | [TSSOP-B8] | (121)  |
| Rohm | BR24G512xxx-3A | (ISP)      | (138)  |
| Rohm | BR24G64-3      |            |        |
| Rohm | BR24G64-3A     |            |        |
| Rohm | BR24G64F-3     | [SOP8]     | (1313) |
| Rohm | BR24G64F-3A    | [SOP8]     | (1313) |
| Rohm | BR24G64F-5     | [SOP8]     | (1313) |
| Rohm | BR24G64FJ-3    | [SOP-J8]   | (950)  |
| Rohm | BR24G64FJ-3A   | [SOP-J8]   | (950)  |
| Rohm | BR24G64FJ-5    | [SOP-J8]   | (950)  |
| Rohm | BR24G64FJ-W    | [SOP-J8]   | (950)  |
| Rohm | BR24G64FV-3    | [SSOP-B8]  | (121)  |
| Rohm | BR24G64FV-3A   | [SSOP-B8]  | (121)  |
| Rohm | BR24G64FVJ-3   | [TSSOP-B8] | (605)  |
| Rohm | BR24G64FVJ-3A  | [TSSOP-B8] | (605)  |
| Rohm | BR24G64FVM-3   | [MSOP8]    | (714)  |
| Rohm | BR24G64FVM-3A  | [MSOP8]    | (714)  |
| Rohm | BR24G64FVM-5   | [MSOP8]    | (714)  |
| Rohm | BR24G64FVT-3   | [TSSOP-B8] | (121)  |
| Rohm | BR24G64FVT-3A  | [TSSOP-B8] | (121)  |
| Rohm | BR24G64FVT-5   | [TSSOP-B8] | (121)  |
| Rohm | BR24G64FVT-W   | [TSSOP-B8] | (121)  |
| Rohm | BR24G64FV-W    | [SSOP-B8]  | (121)  |
| Rohm | BR24G64F-W     | [SOP8]     | (1313) |
| Rohm | BR24G64NUX-3   | [VSON008]  | (4538) |
| Rohm | BR24G64NUX-3A  | [VSON008]  | (4538) |
| Rohm | BR24G64NUX-5   | [VSON008]  | (2995) |
| Rohm | BR24G64-W      |            |        |
| Rohm | BR24G64xxx-3   | (ISP)      | (138)  |
| Rohm | BR24G64xxx-3A  | (ISP)      | (138)  |
| Rohm | BR24G64xxx-5   | (ISP)      | (138)  |
| Rohm | BR24G64xxx-W   | (ISP)      | (138)  |
| Rohm | BR24GS08NUX-W  | [VSON008]  | (4538) |
| Rohm | BR24GS08xxx-W  | (ISP)      | (138)  |
| Rohm | BR24L01A       |            |        |
| Rohm | BR24L01A (ISP) |            | (138)  |
| Rohm | BR24L01AF      | [SOP8]     | (1313) |
| Rohm | BR24L01AFJ     | [SOP-J8]   | (950)  |
| Rohm | BR24L01AFV     | [SSOP-B8]  | (121)  |
| Rohm | BR24L01AFVJ    | [TSSOP-B8] | (605)  |
| Rohm | BR24L01AFVM    | [MSOP8]    | (714)  |
| Rohm | BR24L01AFVT    | [TSSOP-B8] | (121)  |
| Rohm | BR24L01ANUX    | [VSON008]  | (4538) |
| Rohm | BR24L02        |            |        |
| Rohm | BR24L02 (ISP)  |            | (138)  |
| Rohm | BR24L02F       | [SOP8]     | (1313) |
| Rohm | BR24L02FJ      | [SOP-J8]   | (950)  |
| Rohm | BR24L02FV      | [SSOP-B8]  | (121)  |
| Rohm | BR24L02FVJ     | [TSSOP-B8] | (605)  |
| Rohm | BR24L02FVM     | [MSOP8]    | (714)  |
| Rohm | BR24L02FVT     | [TSSOP-B8] | (121)  |
| Rohm | BR24L02NUX     | [VSON008]  | (4538) |
| Rohm | BR24L04        |            |        |
| Rohm | BR24L04 (ISP)  |            | (138)  |
| Rohm | BR24L04F       | [SOP8]     | (1313) |
| Rohm | BR24L04FJ      | [SOP-J8]   | (950)  |
| Rohm | BR24L04FV      | [SSOP-B8]  | (121)  |
| Rohm | BR24L04FVJ     | [TSSOP-B8] | (605)  |
| Rohm | BR24L04FVM     | [MSOP8]    | (714)  |
| Rohm | BR24L04FVT     | [TSSOP-B8] | (121)  |
| Rohm | BR24L04NUX     | [VSON008]  | (4538) |
| Rohm | BR24L08        |            |        |
| Rohm | BR24L08 (ISP)  |            | (138)  |
| Rohm | BR24L08F       | [SOP8]     | (1313) |
| Rohm | BR24L08FJ      | [SOP-J8]   | (950)  |
| Rohm | BR24L08FV      | [SSOP-B8]  | (121)  |
| Rohm | BR24L08FVJ     | [TSSOP-B8] | (605)  |
| Rohm | BR24L08FVM     | [MSOP8]    | (714)  |
| Rohm | BR24L08FVT     | [TSSOP-B8] | (121)  |
| Rohm | BR24L08NUX     | [VSON008]  | (4538) |
| Rohm | BR24L16        |            |        |
| Rohm | BR24L16 (ISP)  |            | (138)  |
| Rohm | BR24L16F       | [SOP8]     | (1313) |
| Rohm | BR24L16FJ      | [SOP-J8]   | (950)  |
| Rohm | BR24L16FV      | [SSOP-B8]  | (121)  |
| Rohm | BR24L16FVJ     | [TSSOP-B8] | (605)  |
| Rohm | BR24L16FVM     | [MSOP8]    | (714)  |
| Rohm | BR24L16FVT     | [TSSOP-B8] | (121)  |
| Rohm | BR24L32        |            |        |
| Rohm | BR24L32 (ISP)  |            | (138)  |
| Rohm | BR24L32F       | [SOP8]     | (1313) |
| Rohm | BR24L32FJ      | [SOP-J8]   | (950)  |
| Rohm | BR24L32FV      | [SSOP-B8]  | (121)  |
| Rohm | BR24L32FVT     | [TSSOP-B8] | (121)  |
| Rohm | BR24L64        |            |        |
| Rohm | BR24L64 (ISP)  |            | (138)  |
| Rohm | BR24L64F       | [SOP8]     | (1313) |

|      |                         |        |
|------|-------------------------|--------|
| Rohm | BR24L64FJ [SOP-J8]      | (950)  |
| Rohm | BR24L64FV [SSOP-B8]     | (121)  |
| Rohm | BR24S08 (ISP)           | (138)  |
| Rohm | BR24S08F [SOP8]         | (1313) |
| Rohm | BR24S08FJ [SOP-J8]      | (950)  |
| Rohm | BR24S08FV [SSOP-B8]     | (121)  |
| Rohm | BR24S08FVJ [TSSOP-B8J]  | (605)  |
| Rohm | BR24S08FVM [MSOP8]      | (714)  |
| Rohm | BR24S08FVT [TSSOP-B8]   | (121)  |
| Rohm | BR24S08NUX [VSON008]    | (4538) |
| Rohm | BR24S128 (ISP)          | (138)  |
| Rohm | BR24S128F [SOP8]        | (1313) |
| Rohm | BR24S128FJ [SOP-J8]     | (950)  |
| Rohm | BR24S128FV [SSOP-B8]    | (121)  |
| Rohm | BR24S128FVT [TSSOP-B8]  | (121)  |
| Rohm | BR24S16 (ISP)           | (138)  |
| Rohm | BR24S16F [SOP8]         | (1313) |
| Rohm | BR24S16FJ [SOP-J8]      | (950)  |
| Rohm | BR24S16FV [SSOP-B8]     | (121)  |
| Rohm | BR24S16FVJ [TSSOP-B8J]  | (605)  |
| Rohm | BR24S16FVM [MSOP8]      | (714)  |
| Rohm | BR24S16FVT [TSSOP-B8]   | (121)  |
| Rohm | BR24S16NUX [VSON008]    | (4538) |
| Rohm | BR24S256 (ISP)          | (138)  |
| Rohm | BR24S256F [SOP8]        | (1313) |
| Rohm | BR24S256FJ [SOP-J8]     | (950)  |
| Rohm | BR24S32 (ISP)           | (138)  |
| Rohm | BR24S32F [SOP8]         | (1313) |
| Rohm | BR24S32FJ [SOP-J8]      | (950)  |
| Rohm | BR24S32FV [SSOP-B8]     | (121)  |
| Rohm | BR24S32FVJ [TSSOP-B8J]  | (605)  |
| Rohm | BR24S32FVM [MSOP8]      | (714)  |
| Rohm | BR24S32FVT [TSSOP-B8]   | (121)  |
| Rohm | BR24S32NUX [VSON008]    | (4538) |
| Rohm | BR24S64 (ISP)           | (138)  |
| Rohm | BR24S64F [SOP8]         | (1313) |
| Rohm | BR24S64FJ [SOP-J8]      | (950)  |
| Rohm | BR24S64FV [SSOP-B8]     | (121)  |
| Rohm | BR24S64FVJ [TSSOP-B8J]  | (605)  |
| Rohm | BR24S64FVM [MSOP8]      | (714)  |
| Rohm | BR24S64FVT [TSSOP-B8]   | (121)  |
| Rohm | BR24T01                 |        |
| Rohm | BR24T01 (ISP)           | (138)  |
| Rohm | BR24T01F [SOP8]         | (1313) |
| Rohm | BR24T01FJ [SOP-J8]      | (950)  |
| Rohm | BR24T01FV [SSOP-B8]     | (121)  |
| Rohm | BR24T01FVJ [TSSOP-B8J]  | (605)  |
| Rohm | BR24T01FVM [MSOP8]      | (714)  |
| Rohm | BR24T01FVT [TSSOP-B8]   | (121)  |
| Rohm | BR24T01NUX [VSON008]    | (4538) |
| Rohm | BR24T02                 |        |
| Rohm | BR24T02 (ISP)           | (138)  |
| Rohm | BR24T02F [SOP8]         | (1313) |
| Rohm | BR24T02FJ [SOP-J8]      | (950)  |
| Rohm | BR24T02FV [SSOP-B8]     | (121)  |
| Rohm | BR24T02FVJ [TSSOP-B8J]  | (605)  |
| Rohm | BR24T02FVM [MSOP8]      | (714)  |
| Rohm | BR24T02FVT [TSSOP-B8]   | (121)  |
| Rohm | BR24T02NUX [VSON008]    | (4538) |
| Rohm | BR24T04                 |        |
| Rohm | BR24T04 (ISP)           | (138)  |
| Rohm | BR24T04F [SOP8]         | (1313) |
| Rohm | BR24T04FJ [SOP-J8]      | (950)  |
| Rohm | BR24T04FV [SSOP-B8]     | (121)  |
| Rohm | BR24T04FVJ [TSSOP-B8J]  | (605)  |
| Rohm | BR24T04FVM [MSOP8]      | (714)  |
| Rohm | BR24T04FVT [TSSOP-B8]   | (121)  |
| Rohm | BR24T04NUX [VSON008]    | (4538) |
| Rohm | BR24T08                 |        |
| Rohm | BR24T08 (ISP)           | (138)  |
| Rohm | BR24T08F [SOP8]         | (1313) |
| Rohm | BR24T08FJ [SOP-J8]      | (950)  |
| Rohm | BR24T08FV [SSOP-B8]     | (121)  |
| Rohm | BR24T08FVJ [TSSOP-B8J]  | (605)  |
| Rohm | BR24T08FVM [MSOP8]      | (714)  |
| Rohm | BR24T08FVT [TSSOP-B8]   | (121)  |
| Rohm | BR24T08NUX [VSON008]    | (4538) |
| Rohm | BR24T128                |        |
| Rohm | BR24T128 (ISP)          | (138)  |
| Rohm | BR24T128F [SOP8]        | (1313) |
| Rohm | BR24T128FJ [SOP-J8]     | (950)  |
| Rohm | BR24T128FV [SSOP-B8]    | (121)  |
| Rohm | BR24T128FVJ [TSSOP-B8J] | (605)  |
| Rohm | BR24T128FVM [MSOP8]     | (714)  |
| Rohm | BR24T128FVT [TSSOP-B8]  | (121)  |
| Rohm | BR24T128NUX [VSON008]   | (4538) |
| Rohm | BR24T16                 |        |
| Rohm | BR24T16 (ISP)           | (138)  |
| Rohm | BR24T16F [SOP8]         | (1313) |
| Rohm | BR24T16FJ [SOP-J8]      | (950)  |
| Rohm | BR24T16FV [SSOP-B8]     | (121)  |
| Rohm | BR24T16FVJ [TSSOP-B8J]  | (605)  |
| Rohm | BR24T16FVM [MSOP8]      | (714)  |
| Rohm | BR24T16FVT [TSSOP-B8]   | (121)  |
| Rohm | BR24T16NUX [VSON008]    | (4538) |
| Rohm | BR24T1M                 |        |
| Rohm | BR24T1M (ISP)           | (138)  |
| Rohm | BR24T1MF [SOP8]         | (1313) |
| Rohm | BR24T256                |        |
| Rohm | BR24T256 (ISP)          | (138)  |
| Rohm | BR24T256F [SOP8]        | (1313) |
| Rohm | BR24T256FJ [SOP-J8]     | (950)  |
| Rohm | BR24T256FV [SSOP-B8]    | (121)  |
| Rohm | BR24T256FVT [TSSOP-B8]  | (121)  |
| Rohm | BR24T32                 |        |
| Rohm | BR24T32 (ISP)           | (138)  |
| Rohm | BR24T32F [SOP8]         | (1313) |
| Rohm | BR24T32FJ [SOP-J8]      | (950)  |
| Rohm | BR24T32FV [SSOP-B8]     | (121)  |
| Rohm | BR24T32FVJ [TSSOP-B8J]  | (605)  |
| Rohm | BR24T32FVM [MSOP8]      | (714)  |
| Rohm | BR24T32FVT [TSSOP-B8]   | (121)  |
| Rohm | BR24T32NUX [VSON008]    | (4538) |
| Rohm | BR24T512                |        |
| Rohm | BR24T512 (ISP)          | (138)  |
| Rohm | BR24T512F [SOP8]        | (1313) |
| Rohm | BR24T512FJ [SOP-J8]     | (950)  |
| Rohm | BR24T512FV [SSOP-B8]    | (121)  |
| Rohm | BR24T512FVT [TSSOP-B8]  | (121)  |
| Rohm | BR24T64                 |        |
| Rohm | BR24T64 (ISP)           | (138)  |
| Rohm | BR24T64F [SOP8]         | (1313) |
| Rohm | BR24T64FJ [SOP-J8]      | (950)  |
| Rohm | BR24T64FV [SSOP-B8]     | (121)  |
| Rohm | BR24T64FVJ [TSSOP-B8J]  | (605)  |
| Rohm | BR24T64FVM [MSOP8]      | (714)  |
| Rohm | BR24T64FVT [TSSOP-B8]   | (121)  |
| Rohm | BR24T64NUX [VSON008]    | (4538) |

|      |                          |        |
|------|--------------------------|--------|
| Rohm | BR25G128F-3 [SOP8]       | (1313) |
| Rohm | BR25G128FJ-3 [SOP-J8]    | (950)  |
| Rohm | BR25G128FVM-3 [MSOP8]    | (714)  |
| Rohm | BR25G128FVT-3 [TSSOP-B8] | (121)  |
| Rohm | BR25G128NUX-3 [VSON008]  | (4538) |
| Rohm | BR25G128xxx-3 (ISP)      | (138)  |
| Rohm | BR25G1MF-3 [SOP8]        | (1313) |
| Rohm | BR25G1MFJ-3 [SOP-J8]     | (950)  |
| Rohm | BR25G1Mxx-3 (ISP)        | (138)  |
| Rohm | BR25G256-3               |        |
| Rohm | BR25G256F-3 [SOP8]       | (1313) |
| Rohm | BR25G256FJ-3 [SOP-J8]    | (950)  |
| Rohm | BR25G256FVT-3 [TSSOP-B8] | (121)  |
| Rohm | BR25G256xxx-3 (ISP)      | (138)  |
| Rohm | BR25G640F-3 [SOP8]       | (1313) |
| Rohm | BR25G640FJ-3 [SOP-J8]    | (950)  |
| Rohm | BR25G640FVM-3 [MSOP8]    | (714)  |
| Rohm | BR25G640FVT-3 [TSSOP-B8] | (121)  |
| Rohm | BR25G640NUX-3 [VSON008]  | (4538) |
| Rohm | BR25G640xxx-3 (ISP)      | (138)  |
| Rohm | BR25H010-W (ISP)         | (138)  |
| Rohm | BR25H010-W [SOP8]        | (1313) |
| Rohm | BR25H010-W [SOP-J8]      | (950)  |
| Rohm | BR25H020 (ISP)           | (138)  |
| Rohm | BR25H020-W [SOP8]        | (1313) |
| Rohm | BR25H020-W [SOP-J8]      | (950)  |
| Rohm | BR25H040-W (ISP)         | (138)  |
| Rohm | BR25H040-W [SOP8]        | (1313) |
| Rohm | BR25H040-W [SOP-J8]      | (950)  |
| Rohm | BR25H080-W (ISP)         | (138)  |
| Rohm | BR25H080-W [SOP8]        | (1313) |
| Rohm | BR25H080-W [SOP-J8]      | (950)  |
| Rohm | BR25H080-W [TSSOP-B8]    | (121)  |
| Rohm | BR25H160-W (ISP)         | (138)  |
| Rohm | BR25H160-W [SOP8]        | (1313) |
| Rohm | BR25H160-W [SOP-J8]      | (950)  |
| Rohm | BR25H160-W [TSSOP-B8]    | (121)  |
| Rohm | BR25H320-W (ISP)         | (138)  |
| Rohm | BR25H320-W [SOP8]        | (1313) |
| Rohm | BR25H320-W [SOP-J8]      | (950)  |
| Rohm | BR25L010-W (ISP)         | (138)  |
| Rohm | BR25L010-W [MSOP8]       | (714)  |
| Rohm | BR25L010-W [SOP8]        | (1313) |
| Rohm | BR25L010-W [SOP-J8]      | (950)  |
| Rohm | BR25L010-W [SSOP-B8]     | (121)  |
| Rohm | BR25L010-W [TSSOP-B8]    | (121)  |
| Rohm | BR25L010-W [TSSOP-B8J]   | (605)  |
| Rohm | BR25L020-W (ISP)         | (138)  |
| Rohm | BR25L020-W [MSOP8]       | (714)  |
| Rohm | BR25L020-W [SOP8]        | (1313) |
| Rohm | BR25L020-W [SOP-J8]      | (950)  |
| Rohm | BR25L020-W [SSOP-B8]     | (121)  |
| Rohm | BR25L020-W [TSSOP-B8]    | (121)  |
| Rohm | BR25L020-W [TSSOP-B8J]   | (605)  |
| Rohm | BR25L040-W (ISP)         | (138)  |
| Rohm | BR25L040-W [MSOP8]       | (714)  |
| Rohm | BR25L040-W [SOP8]        | (1313) |
| Rohm | BR25L040-W [SOP-J8]      | (950)  |
| Rohm | BR25L040-W [SSOP-B8]     | (121)  |
| Rohm | BR25L040-W [TSSOP-B8]    | (121)  |
| Rohm | BR25L040-W [TSSOP-B8J]   | (605)  |
| Rohm | BR25L080-W (ISP)         | (138)  |
| Rohm | BR25L080-W [SOP8]        | (1313) |
| Rohm | BR25L080-W [SOP-J8]      | (950)  |
| Rohm | BR25L080-W [SSOP-B8]     | (121)  |
| Rohm | BR25L080-W [TSSOP-B8]    | (121)  |
| Rohm | BR25L160-W (ISP)         | (138)  |
| Rohm | BR25L160-W [SOP8]        | (1313) |
| Rohm | BR25L160-W [SOP-J8]      | (950)  |
| Rohm | BR25L160-W [SSOP-B8]     | (121)  |
| Rohm | BR25L160-W [TSSOP-B8]    | (121)  |
| Rohm | BR25L320-W (ISP)         | (138)  |
| Rohm | BR25L320-W [SOP8]        | (1313) |
| Rohm | BR25L320-W [SOP-J8]      | (950)  |
| Rohm | BR25L640-W (ISP)         | (138)  |
| Rohm | BR25L640-W [SOP8]        | (1313) |
| Rohm | BR25L640-W [SOP-J8]      | (950)  |
| Rohm | BR25S128-W (ISP)         | (138)  |
| Rohm | BR25S128-W [SOP8]        | (1313) |
| Rohm | BR25S128-W [SOP-J8]      | (950)  |
| Rohm | BR25S128-W [SSOP-B8]     | (121)  |
| Rohm | BR25S128-W [TSSOP-B8]    | (121)  |
| Rohm | BR25S256-W (ISP)         | (138)  |
| Rohm | BR25S256-W [SOP8]        | (1313) |
| Rohm | BR25S256-W [SOP-J8]      | (950)  |
| Rohm | BR25S320-W (ISP)         | (138)  |
| Rohm | BR25S320-W [MSOP8]       | (714)  |
| Rohm | BR25S320-W [SOP8]        | (1313) |
| Rohm | BR25S320-W [SOP-J8]      | (950)  |
| Rohm | BR25S320-W [SSOP-B8]     | (121)  |
| Rohm | BR25S320-W [TSSOP-B8]    | (121)  |
| Rohm | BR25S320-W [TSSOP-B8J]   | (605)  |
| Rohm | BR25S320-W [VSON008]     | (4538) |
| Rohm | BR25S640-W (ISP)         | (138)  |
| Rohm | BR25S640-W [MSOP8]       | (714)  |
| Rohm | BR25S640-W [SOP8]        | (1313) |
| Rohm | BR25S640-W [SOP-J8]      | (950)  |
| Rohm | BR25S640-W [SSOP-B8]     | (121)  |
| Rohm | BR25S640-W [TSSOP-B8]    | (121)  |
| Rohm | BR25S640-W [TSSOP-B8J]   | (605)  |
| Rohm | BR29F200TFT [TSOP48]     | (1346) |
| Rohm | BR34E02FVT-3 [TSSOP-B8]  | (121)  |
| Rohm | BR34E02FVT-W [TSSOP-B8]  | (121)  |
| Rohm | BR34E02NUX-3 [VSON008]   | (4538) |
| Rohm | BR34E02NUX-W [VSON008]   | (4538) |
| Rohm | BR34E02xxx-3 (ISP)       | (138)  |
| Rohm | BR34E02xxx-W (ISP)       | (138)  |
| Rohm | BR34L02FVT-W [TSSOP-B8]  | (121)  |
| Rohm | BR34L02FV-W [SSOP-B8]    | (121)  |
| Rohm | BR34L02xxx-W (ISP)       | (138)  |
| Rohm | BR35H128-WC (ISP)        | (138)  |
| Rohm | BR35H128-WC [SOP8]       | (1313) |
| Rohm | BR35H128-WC [SOP-J8]     | (950)  |
| Rohm | BR35H160-WC (ISP)        | (138)  |
| Rohm | BR35H160-WC [MSOP8]      | (714)  |
| Rohm | BR35H160-WC [SOP8]       | (1313) |
| Rohm | BR35H160-WC [SOP-J8]     | (950)  |
| Rohm | BR35H160-WC [TSSOP-B8]   | (121)  |
| Rohm | BR35H320-WC (ISP)        | (138)  |
| Rohm | BR35H320-WC [MSOP8]      | (714)  |
| Rohm | BR35H320-WC [SOP8]       | (1313) |
| Rohm | BR35H320-WC [SOP-J8]     | (950)  |
| Rohm | BR35H320-WC [TSSOP-B8]   | (121)  |
| Rohm | BR35H640-WC (ISP)        | (138)  |
| Rohm | BR35H640-WC [SOP8]       | (1313) |
| Rohm | BR35H640-WC [SOP-J8]     | (950)  |
| Rohm | BR35H640-WC [TSSOP-B8]   | (121)  |
| Rohm | BR9010                   |        |



|      |                                |        |
|------|--------------------------------|--------|
| Rohm | BR9010 (ISP)                   | (138)  |
| Rohm | BR9010F [SOP8]                 | (1313) |
| Rohm | BR9010FV [TSSOP8]              | (121)  |
| Rohm | BR9010RFV [SSOP8]              | (121)  |
| Rohm | BR9010RFVM [MSOP8]             | (714)  |
| Rohm | BR9016                         |        |
| Rohm | BR9016 (ISP)                   | (138)  |
| Rohm | BR9016 [TSSOP8]                | (121)  |
| Rohm | BR9016A (ISP)                  | (138)  |
| Rohm | BR9016AF [SOP8]                | (1313) |
| Rohm | BR9016ARFV [SSOP8]             | (121)  |
| Rohm | BR9016ARFVM [MSOP8]            | (714)  |
| Rohm | BR9016F [SOP8]                 | (1313) |
| Rohm | BR9020                         |        |
| Rohm | BR9020 (ISP)                   | (138)  |
| Rohm | BR9020F [SOP8]                 | (1313) |
| Rohm | BR9020RFV [SSOP8]              | (121)  |
| Rohm | BR9020RFVM [MSOP8]             | (714)  |
| Rohm | BR9021                         |        |
| Rohm | BR9021A                        |        |
| Rohm | BR9021AF [SOP8]                | (1313) |
| Rohm | BR9021B                        |        |
| Rohm | BR9021BF [SOP8]                | (1313) |
| Rohm | BR9021F [SOIC8]                | (950)  |
| Rohm | BR9040                         |        |
| Rohm | BR9040 (ISP)                   | (138)  |
| Rohm | BR9040F [SOP8]                 | (1313) |
| Rohm | BR9040FV [SSOP8]               | (121)  |
| Rohm | BR9040RFV [SSOP8]              | (121)  |
| Rohm | BR9040RFVM [MSOP8]             | (714)  |
| Rohm | BR9080                         |        |
| Rohm | BR9080 (ISP)                   | (138)  |
| Rohm | BR9080A (ISP)                  | (138)  |
| Rohm | BR9080AF [SOP8]                | (1313) |
| Rohm | BR9080ARFV [SSOP8]             | (121)  |
| Rohm | BR9080ARFVM [MSOP8]            | (714)  |
| Rohm | BR9080F [SOIC8]                | (950)  |
| Rohm | BR9080RFV [SSOP8]              | (121)  |
| Rohm | BR93A46FJ-W [SOP-J8]           | (950)  |
| Rohm | BR93A46F-W [SOP8]              | (1313) |
| Rohm | BR93A46RFJ-W [SOP-J8]          | (950)  |
| Rohm | BR93A46RF-W [SOP8]             | (1313) |
| Rohm | BR93A46-W (ISP)                | (138)  |
| Rohm | BR93A56FJ-W [SOP-J8]           | (950)  |
| Rohm | BR93A56F-W [SOP8]              | (1313) |
| Rohm | BR93A56RFJ-W [SOP-J8]          | (950)  |
| Rohm | BR93A56RF-W [SOP8]             | (1313) |
| Rohm | BR93A56-W (ISP)                | (138)  |
| Rohm | BR93A66FJ-W [SOP-J8]           | (950)  |
| Rohm | BR93A66F-W [SOP8]              | (1313) |
| Rohm | BR93A66RFJ-W [SOP-J8]          | (950)  |
| Rohm | BR93A66RF-W [SOP8]             | (1313) |
| Rohm | BR93A66-W (ISP)                | (138)  |
| Rohm | BR93A76FJ-W [SOP-J8]           | (950)  |
| Rohm | BR93A76F-W [SOP8]              | (1313) |
| Rohm | BR93A76RFJ-W [SOP-J8]          | (950)  |
| Rohm | BR93A76RF-W [SOP8]             | (1313) |
| Rohm | BR93A76-W (ISP)                | (138)  |
| Rohm | BR93A86FJ-W [SOP-J8]           | (950)  |
| Rohm | BR93A86F-W [SOP8]              | (1313) |
| Rohm | BR93A86RFJ-W [SOP-J8]          | (950)  |
| Rohm | BR93A86RF-W [SOP8]             | (1313) |
| Rohm | BR93A86-W (ISP)                | (138)  |
| Rohm | BR93C46                        |        |
| Rohm | BR93C46 (ISP)                  | (138)  |
| Rohm | BR93C46 [SO8]                  | (950)  |
| Rohm | BR93C46 [TSSOP8 3x3]           | (605)  |
| Rohm | BR93C46 [TSSOP8]               | (121)  |
| Rohm | BR93C46R [SOIC8]               | (950)  |
| Rohm | BR93C46-T [SO8]                | (950)  |
| Rohm | BR93C56                        |        |
| Rohm | BR93C56 (ISP)                  | (138)  |
| Rohm | BR93C56 [SO8]                  | (950)  |
| Rohm | BR93C56 [TSSOP8 3x3]           | (605)  |
| Rohm | BR93C56 [TSSOP8]               | (121)  |
| Rohm | BR93C56-T [SO8]                | (950)  |
| Rohm | BR93C66                        |        |
| Rohm | BR93C66 (ISP)                  | (138)  |
| Rohm | BR93C66 [SO8]                  | (950)  |
| Rohm | BR93C66 [TSSOP8 3x3]           | (605)  |
| Rohm | BR93C66 [TSSOP8]               | (121)  |
| Rohm | BR93C66-T [SO8]                | (950)  |
| Rohm | BR93C76 (ISP)                  | (138)  |
| Rohm | BR93C76 [SO8]                  | (950)  |
| Rohm | BR93C76 [TSSOP8 3x3]           | (605)  |
| Rohm | BR93C76 [TSSOP8]               | (121)  |
| Rohm | BR93C76-T [SO8]                | (950)  |
| Rohm | BR93C86 (ISP)                  | (138)  |
| Rohm | BR93C86 [SO8]                  | (950)  |
| Rohm | BR93C86 [TSSOP8 3x3]           | (605)  |
| Rohm | BR93C86 [TSSOP8]               | (121)  |
| Rohm | BR93C86-T [SO8]                | (950)  |
| Rohm | BR93CS46                       |        |
| Rohm | BR93CS46 (ISP)                 | (138)  |
| Rohm | BR93CS46 [SO8]                 | (950)  |
| Rohm | BR93G46-3 (x16)                |        |
| Rohm | BR93G46-3 (x8)                 |        |
| Rohm | BR93G46-3A                     |        |
| Rohm | BR93G46-3B                     |        |
| Rohm | BR93G46F-3 (x16) [SOP8]        | (1313) |
| Rohm | BR93G46F-3 (x8) [SOP8]         | (1313) |
| Rohm | BR93G46F-3A [SOP8]             | (1313) |
| Rohm | BR93G46F-3B [SOP8]             | (1313) |
| Rohm | BR93G46FJ-3 (x16) [SOP-J8]     | (950)  |
| Rohm | BR93G46FJ-3 (x8) [SOP-J8]      | (950)  |
| Rohm | BR93G46FJ-3A [SOP-J8]          | (950)  |
| Rohm | BR93G46FJ-3B [SOP-J8]          | (950)  |
| Rohm | BR93G46FV-3 (x16) [SSOP-B8]    | (121)  |
| Rohm | BR93G46FV-3 (x8) [SSOP-B8]     | (121)  |
| Rohm | BR93G46FV-3A [SSOP-B8]         | (121)  |
| Rohm | BR93G46FV-3B [SSOP-B8]         | (121)  |
| Rohm | BR93G46FVJ-3 (x16) [TSSOP-B8J] | (605)  |
| Rohm | BR93G46FVJ-3 (x8) [TSSOP-B8J]  | (605)  |
| Rohm | BR93G46FVJ-3A [TSSOP-B8J]      | (605)  |
| Rohm | BR93G46FVJ-3B [TSSOP-B8J]      | (605)  |
| Rohm | BR93G46FVM-3 (x16) [MSOP8]     | (714)  |
| Rohm | BR93G46FVM-3 (x8) [MSOP8]      | (714)  |
| Rohm | BR93G46FVM-3A [MSOP8]          | (714)  |
| Rohm | BR93G46FVM-3B [MSOP8]          | (714)  |
| Rohm | BR93G46FVT-3 (x16) [TSSOP-B8]  | (121)  |
| Rohm | BR93G46FVT-3 (x8) [TSSOP-B8]   | (121)  |
| Rohm | BR93G46FVT-3A [TSSOP-B8]       | (121)  |
| Rohm | BR93G46FVT-3B [TSSOP-B8]       | (121)  |
| Rohm | BR93G46NUX-3 (x16) [VSON008]   | (4538) |
| Rohm | BR93G46NUX-3 (x8) [VSON008]    | (4538) |
| Rohm | BR93G46NUX-3A [VSON008]        | (4538) |
| Rohm | BR93G46NUX-3B [VSON008]        | (4538) |
| Rohm | BR93G46xxx-3 (x16) (ISP)       | (138)  |

|      |                                |        |
|------|--------------------------------|--------|
| Rohm | BR93G46xxx-3 (x8) (ISP)        | (138)  |
| Rohm | BR93G46xxx-3A (ISP)            | (138)  |
| Rohm | BR93G46xxx-3B (ISP)            | (138)  |
| Rohm | BR93G56-3 (x16)                |        |
| Rohm | BR93G56-3 (x8)                 |        |
| Rohm | BR93G56-3A                     |        |
| Rohm | BR93G56-3B                     |        |
| Rohm | BR93G56F-3 (x16) [SOP8]        | (1313) |
| Rohm | BR93G56F-3 (x8) [SOP8]         | (1313) |
| Rohm | BR93G56F-3A [SOP8]             | (1313) |
| Rohm | BR93G56F-3B [SOP8]             | (1313) |
| Rohm | BR93G56FJ-3 (x16) [SOP-J8]     | (950)  |
| Rohm | BR93G56FJ-3 (x8) [SOP-J8]      | (950)  |
| Rohm | BR93G56FJ-3A [SOP-J8]          | (950)  |
| Rohm | BR93G56FJ-3B [SOP-J8]          | (950)  |
| Rohm | BR93G56FV-3 (x16) [SSOP-B8]    | (121)  |
| Rohm | BR93G56FV-3 (x8) [SSOP-B8]     | (121)  |
| Rohm | BR93G56FV-3A [SSOP-B8]         | (121)  |
| Rohm | BR93G56FV-3B [SSOP-B8]         | (121)  |
| Rohm | BR93G56FVJ-3 (x16) [TSSOP-B8J] | (605)  |
| Rohm | BR93G56FVJ-3 (x8) [TSSOP-B8J]  | (605)  |
| Rohm | BR93G56FVJ-3A [TSSOP-B8J]      | (605)  |
| Rohm | BR93G56FVJ-3B [TSSOP-B8J]      | (605)  |
| Rohm | BR93G56FVM-3 (x16) [MSOP8]     | (714)  |
| Rohm | BR93G56FVM-3 (x8) [MSOP8]      | (714)  |
| Rohm | BR93G56FVM-3A [MSOP8]          | (714)  |
| Rohm | BR93G56FVM-3B [MSOP8]          | (714)  |
| Rohm | BR93G56FVT-3 (x16) [TSSOP-B8]  | (121)  |
| Rohm | BR93G56FVT-3 (x8) [TSSOP-B8]   | (121)  |
| Rohm | BR93G56FVT-3A [TSSOP-B8]       | (121)  |
| Rohm | BR93G56FVT-3B [TSSOP-B8]       | (121)  |
| Rohm | BR93G56NUX-3 (x16) [VSON008]   | (4538) |
| Rohm | BR93G56NUX-3 (x8) [VSON008]    | (4538) |
| Rohm | BR93G56NUX-3A [VSON008]        | (4538) |
| Rohm | BR93G56NUX-3B [VSON008]        | (4538) |
| Rohm | BR93G56xxx-3 (x16) (ISP)       | (138)  |
| Rohm | BR93G56xxx-3 (x8) (ISP)        | (138)  |
| Rohm | BR93G56xxx-3A (ISP)            | (138)  |
| Rohm | BR93G56xxx-3B (ISP)            | (138)  |
| Rohm | BR93G66-3 (x16)                |        |
| Rohm | BR93G66-3 (x8)                 |        |
| Rohm | BR93G66-3A                     |        |
| Rohm | BR93G66-3B                     |        |
| Rohm | BR93G66F-3 (x16) [SOP8]        | (1313) |
| Rohm | BR93G66F-3 (x8) [SOP8]         | (1313) |
| Rohm | BR93G66F-3A [SOP8]             | (1313) |
| Rohm | BR93G66F-3B [SOP8]             | (1313) |
| Rohm | BR93G66FJ-3 (x16) [SOP-J8]     | (950)  |
| Rohm | BR93G66FJ-3 (x8) [SOP-J8]      | (950)  |
| Rohm | BR93G66FJ-3A [SOP-J8]          | (950)  |
| Rohm | BR93G66FJ-3B [SOP-J8]          | (950)  |
| Rohm | BR93G66FV-3 (x16) [SSOP-B8]    | (121)  |
| Rohm | BR93G66FV-3 (x8) [SSOP-B8]     | (121)  |
| Rohm | BR93G66FV-3A [SSOP-B8]         | (121)  |
| Rohm | BR93G66FV-3B [SSOP-B8]         | (121)  |
| Rohm | BR93G66FVJ-3 (x16) [TSSOP-B8J] | (605)  |
| Rohm | BR93G66FVJ-3 (x8) [TSSOP-B8J]  | (605)  |
| Rohm | BR93G66FVJ-3A [TSSOP-B8J]      | (605)  |
| Rohm | BR93G66FVJ-3B [TSSOP-B8J]      | (605)  |
| Rohm | BR93G66FVM-3 (x16) [MSOP8]     | (714)  |
| Rohm | BR93G66FVM-3 (x8) [MSOP8]      | (714)  |
| Rohm | BR93G66FVM-3A [MSOP8]          | (714)  |
| Rohm | BR93G66FVM-3B [MSOP8]          | (714)  |
| Rohm | BR93G66FVT-3 (x16) [TSSOP-B8]  | (121)  |
| Rohm | BR93G66FVT-3 (x8) [TSSOP-B8]   | (121)  |
| Rohm | BR93G66FVT-3A [TSSOP-B8]       | (121)  |
| Rohm | BR93G66FVT-3B [TSSOP-B8]       | (121)  |
| Rohm | BR93G66NUX-3 (x16) [VSON008]   | (4538) |
| Rohm | BR93G66NUX-3 (x8) [VSON008]    | (4538) |
| Rohm | BR93G66NUX-3A [VSON008]        | (4538) |
| Rohm | BR93G66NUX-3B [VSON008]        | (4538) |
| Rohm | BR93G66xxx-3 (x16) (ISP)       | (138)  |
| Rohm | BR93G66xxx-3 (x8) (ISP)        | (138)  |
| Rohm | BR93G66xxx-3A (ISP)            | (138)  |
| Rohm | BR93G66xxx-3B (ISP)            | (138)  |
| Rohm | BR93G86-3 (x16)                |        |
| Rohm | BR93G86-3 (x8)                 |        |
| Rohm | BR93G86-3A                     |        |
| Rohm | BR93G86-3B                     |        |
| Rohm | BR93G86F-3 (x16) [SOP8]        | (1313) |
| Rohm | BR93G86F-3 (x8) [SOP8]         | (1313) |
| Rohm | BR93G86F-3A [SOP8]             | (1313) |
| Rohm | BR93G86F-3B [SOP8]             | (1313) |
| Rohm | BR93G86FJ-3 (x16) [SOP-J8]     | (950)  |
| Rohm | BR93G86FJ-3 (x8) [SOP-J8]      | (950)  |
| Rohm | BR93G86FJ-3A [SOP-J8]          | (950)  |
| Rohm | BR93G86FJ-3B [SOP-J8]          | (950)  |
| Rohm | BR93G86FV-3 (x16) [SSOP-B8]    | (121)  |
| Rohm | BR93G86FV-3 (x8) [SSOP-B8]     | (121)  |
| Rohm | BR93G86FV-3A [SSOP-B8]         | (121)  |
| Rohm | BR93G86FV-3B [SSOP-B8]         | (121)  |
| Rohm | BR93G86FVJ-3 (x16) [TSSOP-B8J] | (605)  |
| Rohm | BR93G86FVJ-3 (x8) [TSSOP-B8J]  | (605)  |
| Rohm | BR93G86FVJ-3A [TSSOP-B8J]      | (605)  |
| Rohm | BR93G86FVJ-3B [TSSOP-B8J]      | (605)  |
| Rohm | BR93G86FVM-3 (x16) [MSOP8]     | (714)  |
| Rohm | BR93G86FVM-3 (x8) [MSOP8]      | (714)  |
| Rohm | BR93G86FVM-3A [MSOP8]          | (714)  |
| Rohm | BR93G86FVM-3B [MSOP8]          | (714)  |
| Rohm | BR93G86FVT-3 (x16) [TSSOP-B8]  | (121)  |
| Rohm | BR93G86FVT-3 (x8) [TSSOP-B8]   | (121)  |
| Rohm | BR93G86FVT-3A [TSSOP-B8]       | (121)  |
| Rohm | BR93G86FVT-3B [TSSOP-B8]       | (121)  |
| Rohm | BR93G86NUX-3 (x16) [VSON008]   | (4538) |
| Rohm | BR93G86NUX-3 (x8) [VSON008]    | (4538) |
| Rohm | BR93G86NUX-3A [VSON008]        | (4538) |
| Rohm | BR93G86NUX-3B [VSON008]        | (4538) |
| Rohm | BR93G86xxx-3 (x16) (ISP)       | (138)  |
| Rohm | BR93G86xxx-3 (x8) (ISP)        | (138)  |
| Rohm | BR93G86xxx-3A (ISP)            | (138)  |
| Rohm | BR93G86xxx-3B (ISP)            | (138)  |
| Rohm | BR93H46RF-2C [SOP8]            | (1313) |
| Rohm | BR93H46RFJ-2C [SOP-J8]         | (950)  |
| Rohm | BR93H46RFVM-2C [MSOP8]         | (714)  |
| Rohm | BR93H46RFVT-2C [TSSOP-B8]      | (121)  |
| Rohm | BR93H46xxxx-2C (ISP)           | (138)  |
| Rohm | BR93H56 (ISP)                  | (138)  |
| Rohm | BR93H56RF-2C [SOP8]            | (1313) |
| Rohm | BR93H56RFJ-2C [SOP-J8]         | (950)  |
| Rohm | BR93H56RFVM-2C [MSOP8]         | (714)  |
| Rohm | BR93H56RFVT-2C [TSSOP-B8]      | (121)  |
| Rohm | BR93H56-W [SOIC8-150]          | (950)  |
| Rohm | BR93H56-W [SOIC8-170]          | (1313) |
| Rohm | BR93H56xxxx-2C (ISP)           | (138)  |
| Rohm | BR93H66 (ISP)                  | (138)  |
| Rohm | BR93H66RF-2C [SOP8]            | (1313) |
| Rohm | BR93H66RFJ-2C [SOP-J8]         | (950)  |
| Rohm | BR93H66RFVM-2C [MSOP8]         | (714)  |

|      |                           |        |
|------|---------------------------|--------|
| Rohm | BR93H66RFVT-2C [TSSOP-B8] | (121)  |
| Rohm | BR93H66-W [SOIC8-150]     | (950)  |
| Rohm | BR93H66-W [SOIC8-170]     | (1313) |
| Rohm | BR93H66xxx-2C (ISP)       | (138)  |
| Rohm | BR93H76 (ISP)             | (138)  |
| Rohm | BR93H76RF-2C [SOP8]       | (1313) |
| Rohm | BR93H76RFJ-2C [SOP-J8]    | (950)  |
| Rohm | BR93H76RFVM-2C [MSOP8]    | (714)  |
| Rohm | BR93H76RFVT-2C [TSSOP-B8] | (121)  |
| Rohm | BR93H76-W [SOIC8-150]     | (950)  |
| Rohm | BR93H76-W [SOIC8-170]     | (1313) |
| Rohm | BR93H76xxx-2C (ISP)       | (138)  |
| Rohm | BR93H86 (ISP)             | (138)  |
| Rohm | BR93H86RF-2C [SOP8]       | (1313) |
| Rohm | BR93H86RFJ-2C [SOP-J8]    | (950)  |
| Rohm | BR93H86RFVM-2C [MSOP8]    | (714)  |
| Rohm | BR93H86RFVT-2C [TSSOP-B8] | (121)  |
| Rohm | BR93H86-W [SOIC8-150]     | (950)  |
| Rohm | BR93H86-W [SOIC8-170]     | (1313) |
| Rohm | BR93H86xxx-2C (ISP)       | (138)  |
| Rohm | BR93L46FJ-W [SOIC8]       | (950)  |
| Rohm | BR93L46FV-W [TSSOP8]      | (121)  |
| Rohm | BR93L46RFJ-W [SOIC8]      | (950)  |
| Rohm | BR93L46RFVM-W [MSOP8]     | (714)  |
| Rohm | BR93L46RFV-W [TSSOP8]     | (121)  |
| Rohm | BR93L46-W                 | (138)  |
| Rohm | BR93L46-W (ISP)           | (138)  |
| Rohm | BR93L56FJ-W [SOIC8]       | (950)  |
| Rohm | BR93L56FV-W [TSSOP8]      | (121)  |
| Rohm | BR93L56RFJ-W [SOIC8]      | (950)  |
| Rohm | BR93L56RFVM-W [MSOP8]     | (714)  |
| Rohm | BR93L56RFV-W [TSSOP8]     | (121)  |
| Rohm | BR93L56RF-W [SOP8]        | (1313) |
| Rohm | BR93L56-W                 | (138)  |
| Rohm | BR93L56-W (ISP)           | (138)  |
| Rohm | BR93L66FJ-W [SOIC8]       | (950)  |
| Rohm | BR93L66FV-W [TSSOP8]      | (121)  |
| Rohm | BR93L66RFJ-W [SOIC8]      | (950)  |
| Rohm | BR93L66RFVM-W [MSOP8]     | (714)  |
| Rohm | BR93L66RFV-W [TSSOP8]     | (121)  |
| Rohm | BR93L66RF-W [SOP8]        | (1313) |
| Rohm | BR93L66-W                 | (138)  |
| Rohm | BR93L66-W (ISP)           | (138)  |
| Rohm | BR93L76FJ-W [SOP-J8]      | (950)  |
| Rohm | BR93L76F-W [SOP8]         | (1313) |
| Rohm | BR93L76RFJ-W [SOP-J8]     | (950)  |
| Rohm | BR93L76RFVJ-W [TSSOP-B8J] | (605)  |
| Rohm | BR93L76RFVM-W [MSOP8]     | (714)  |
| Rohm | BR93L76RFVT-W [TSSOP-B8]  | (121)  |
| Rohm | BR93L76RFV-W [SSOP-B8]    | (121)  |
| Rohm | BR93L76RF-W [SOP8]        | (1313) |
| Rohm | BR93L76-W                 | (138)  |
| Rohm | BR93L76-W (ISP)           | (138)  |
| Rohm | BR93L86FJ-W [SOP-J8]      | (950)  |
| Rohm | BR93L86F-W [SOP8]         | (1313) |
| Rohm | BR93L86RFJ-W [SOP-J8]     | (950)  |
| Rohm | BR93L86RFVJ-W [TSSOP-B8J] | (605)  |
| Rohm | BR93L86RFVM-W [MSOP8]     | (714)  |
| Rohm | BR93L86RFVT-W [TSSOP-B8]  | (121)  |
| Rohm | BR93L86RFV-W [SSOP-B8]    | (121)  |
| Rohm | BR93L86RF-W [SOP8]        | (1313) |
| Rohm | BR93L86-W                 | (138)  |
| Rohm | BR93L86-W (ISP)           | (138)  |
| Rohm | BR93LC46                  | (138)  |
| Rohm | BR93LC46 (ISP)            | (138)  |
| Rohm | BR93LC46F [SOIC8-170]     | (1313) |
| Rohm | BR93LC46FJ [SOIC8]        | (950)  |
| Rohm | BR93LC46FV [TSSOP8]       | (121)  |
| Rohm | BR93LC46RF [SOIC8-170]    | (1313) |
| Rohm | BR93LC46RFJ [SOIC8]       | (950)  |
| Rohm | BR93LC56                  | (138)  |
| Rohm | BR93LC56 (ISP)            | (138)  |
| Rohm | BR93LC56F [SOIC8]         | (1313) |
| Rohm | BR93LC56FV [TSSOP8]       | (121)  |
| Rohm | BR93LC56RF [SOIC8]        | (1313) |
| Rohm | BR93LC66                  | (138)  |
| Rohm | BR93LC66 (ISP)            | (138)  |
| Rohm | BR93LC66F [SOIC8]         | (1313) |
| Rohm | BR93LC66FV [TSSOP8]       | (121)  |
| Rohm | BR93LC66RF [SOIC8]        | (1313) |
| Rohm | BR93LL46F [SOIC8]         | (1313) |
| Rohm | BR93LL46FV [TSSOP8]       | (121)  |
| Rohm | BR95010-W (ISP)           | (138)  |
| Rohm | BR95010-W [SO8]           | (950)  |
| Rohm | BR95010-W [TSSOP8 3x3]    | (605)  |
| Rohm | BR95010-W [TSSOP8]        | (121)  |
| Rohm | BR95020-W (ISP)           | (138)  |
| Rohm | BR95020-W [SO8]           | (950)  |
| Rohm | BR95020-W [TSSOP8 3x3]    | (605)  |
| Rohm | BR95020-W [TSSOP8]        | (121)  |
| Rohm | BR95040-W (ISP)           | (138)  |
| Rohm | BR95040-W [SO8]           | (950)  |
| Rohm | BR95040-W [TSSOP8 3x3]    | (605)  |
| Rohm | BR95040-W [TSSOP8]        | (121)  |
| Rohm | BR95080-W (ISP)           | (138)  |
| Rohm | BR95080-W [SO8]           | (950)  |
| Rohm | BR95080-W [TSSOP8]        | (121)  |
| Rohm | BR95160-W (ISP)           | (138)  |
| Rohm | BR95160-W [SO8]           | (950)  |
| Rohm | BR95160-W [TSSOP8]        | (121)  |
| Rohm | BR95320-W (ISP)           | (138)  |
| Rohm | BR95320-W [SO8]           | (950)  |
| Rohm | BR95640-W (ISP)           | (138)  |
| Rohm | BR95640-W [SO8]           | (950)  |
| Rohm | BRCA016GWZ-W (ISP)        | (138)  |
| Rohm | BRCB008GWZ-3 (ISP)        | (138)  |
| Rohm | BRCB016GWL-3 (ISP)        | (138)  |
| Rohm | BRCB016GWX-3 (ISP)        | (138)  |
| Rohm | BRCB032GWZ-3 (ISP)        | (138)  |
| Rohm | BRCB064GWZ-3 (ISP)        | (138)  |
| Rohm | BRCC016GWX-3 (ISP)        | (138)  |
| Rohm | BRCC064GWZ-3 (ISP)        | (138)  |
| Rohm | BRCD016GWX-3 (ISP)        | (138)  |
| Rohm | BRCD016GWZ-3 (ISP)        | (138)  |
| Rohm | BRCD064GWZ-3 (ISP)        | (138)  |
| Rohm | BRCE016GWX-3 (ISP)        | (138)  |
| Rohm | BRCE064GWZ-3 (ISP)        | (138)  |
| Rohm | BRCF016GWZ-3 (ISP)        | (138)  |
| Rohm | BRCG064GWZ-3 (ISP)        | (138)  |
| Rohm | BRCH064GWZ-3 (ISP)        | (138)  |
| Rohm | BU9831                    | (138)  |
| Rohm | BU9831 [SOIC8]            | (950)  |
| Rohm | BU9833GUL-W (ISP)         | (138)  |
| Rohm | BU9844GUL-W (ISP)         | (138)  |
| Rohm | BU9847GUL-W (ISP)         | (138)  |
| Rohm | BU9877 (ISP)              | (138)  |
| Rohm | BU9877 [TSSOP8]           | (121)  |
| Rohm | BU9880GUL-W (ISP)         | (138)  |

|         |                       |          |                    |
|---------|-----------------------|----------|--------------------|
| Rohm    | BU9881                |          |                    |
| Rohm    | BU9882                |          |                    |
| Rohm    | BU9882 [SOP14]        |          | (951)              |
| Rohm    | BU9882 [SSOP14]       |          | (1087)             |
| Rohm    | BU9883 [SSOP16]       |          | (1088)             |
| Rohm    | BU9888FV-W (ISP)      |          | (138)              |
| Rohm    | BU9888FV-W [SSOP-B8]  |          | (121)              |
| Rohm    | BU9889GUL-W (ISP)     |          | (138)              |
| Rohm    | BU9890GUL-W (ISP)     |          | (138)              |
| Rohm    | BU9891GUL-W (ISP)     |          | (138)              |
| Rohm    | BU9897GUL-W (ISP)     |          | (138)              |
| Rohm    | BU99901GUZ-W (ISP)    |          | (138)              |
| Rohm    | MR44V064A (ISP)       |          | (138)              |
| Rohm    | MR44V064A [SOP8]      |          | (950)              |
| Rohm    | MR44V064B (ISP)       |          | (138)              |
| Rohm    | MR44V064B [SOP8]      |          | (950)              |
| Rohm    | MR44V100A (ISP)       |          | (138)              |
| Rohm    | MR44V100A [SOP8]      |          | (950)              |
| Rohm    | MR45V032A (ISP)       |          | (138)              |
| Rohm    | MR45V032A [SOP8]      |          | (950)              |
| Rohm    | MR45V064B (ISP)       |          | (138)              |
| Rohm    | MR45V064B [SOP8]      |          | (950)              |
| Rohm    | MR45V100A             |          |                    |
| Rohm    | MR45V100A (ISP)       |          | (138)              |
| Rohm    | MR45V100A [SOP8]      |          | (950)              |
| Rohm    | MR45V200A             |          |                    |
| Rohm    | MR45V200A (ISP)       |          | (138)              |
| Rohm    | MR45V200B             |          |                    |
| Rohm    | MR45V200B (ISP)       |          | (138)              |
| Rohm    | MR45V256A (ISP)       |          | (138)              |
| Rohm    | MR45V256A [SOP8]      |          | (950)              |
| Saifun  | SA24C1024             |          |                    |
| Saifun  | SA24C1024 (ISP)       |          | (138)              |
| Saifun  | SA24C1024 [MLF8]      |          | (577)              |
| Saifun  | SA24C1024 [SOIC8]     |          | (46)               |
| Saifun  | SA24C512              |          |                    |
| Saifun  | SA24C512 (ISP)        |          | (138)              |
| Saifun  | SA24C512 [MLF8]       |          | (577)              |
| Saifun  | SA24C512 [SOIC8]      |          | (46)               |
| Saifun  | SA25C020 (ISP)        |          | (138)              |
| Saifun  | SA25C020 [MLF8]       |          | (577)              |
| Saifun  | SA25C020 [SOIC8]      |          | (950)              |
| Saifun  | SA25C1024H (ISP)      |          | (138)              |
| Saifun  | SA25C1024H [MLF8]     |          | (577)              |
| Saifun  | SA25C1024H [SOIC8]    |          | (950)              |
| Saifun  | SA25C1024L (ISP)      |          | (138)              |
| Saifun  | SA25C1024L [MLF8]     |          | (577)              |
| Saifun  | SA25C1024L [SOIC8]    |          | (950)              |
| Saifun  | SA25C512H (ISP)       |          | (138)              |
| Saifun  | SA25C512H [MLF8]      |          | (577)              |
| Saifun  | SA25C512H [SOIC8]     |          | (950)              |
| Saifun  | SA25C512L (ISP)       |          | (138)              |
| Saifun  | SA25C512L [MLF8]      |          | (577)              |
| Saifun  | SA25C512L [SOIC8]     |          | (950)              |
| Saifun  | SA25F005 [MLF8]       |          | (3097) (*1)        |
| Saifun  | SA25F005 [SOIC8]      |          | (3095) (*1)        |
| Saifun  | SA25F010 [MLF8]       |          | (3097) (*1)        |
| Saifun  | SA25F010 [SOIC8]      |          | (3095) (*1)        |
| Saifun  | SA25F020 [MLF8]       |          | (3097) (*1)        |
| Saifun  | SA25F020 [SOIC8]      |          | (3095) (*1)        |
| Saifun  | SA25F040 [MLF8]       |          | (3097) (*1)        |
| Saifun  | SA25F040 [SOIC8]      |          | (3095) (*1)        |
| Saifun  | SA25F080 [MLF8]       |          | (3097) (*1)        |
| Saifun  | SA25F080 [SOIC8]      |          | (3088) (*1)        |
| Saifun  | SA25F160 [MLF8]       |          | (3097) (*1)        |
| Saifun  | SA25F160 [SOIC8]      |          | (3088) (*1)        |
| Samsung | HART-1910 (ISP-SPI)   |          | (138) (9997)       |
| Samsung | HART-1910 [LQFP64]    |          | (2866)             |
| Samsung | HART-1910Z (ISP-SPI)  |          | (138) (9997)       |
| Samsung | HART-1910Z [LQFP64]   |          | (2866)             |
| Samsung | HART-m310 (ISP-SPI)   |          | (138) (9997)       |
| Samsung | HART-m310 [QFP100]    |          | (2865)             |
| Samsung | ICPZBS240 (ISP)       |          | (138)              |
| Samsung | ICPZBS240 [LPCC56]    |          | (1299)             |
| Samsung | ICPZBS241 [LPCC56]    |          | (1440)             |
| Samsung | K511F12ACA [FBGA107]  |          | (687)              |
| Samsung | K521F12ACD [FBGA107]  |          | (687)              |
| Samsung | K521F13ACM [FBGA137]  | (EPS-4)  | (3047) (*1)        |
| Samsung | K521F13ACM [FBGA137]  |          | (3047) (*1)        |
| Samsung | K521F57ACA [FBGA107]  |          | (687)              |
| Samsung | K521F57ACM [FBGA107]  |          | (687)              |
| Samsung | K521H12ACB [FBGA107]  |          | (1208)             |
| Samsung | K521H12ACH [FBGA130]  |          | (2571) (*1)        |
| Samsung | K522F1HACB [FBGA107]  |          | (2342)             |
| Samsung | K522H1HACA [FBGA107]  |          | (1208)             |
| Samsung | K522H1HACG [FBGA130]  |          | (2571) (*1)        |
| Samsung | K522H1HACG [FBGA130]  | (EPS-1)  | (2571) (9999) (*1) |
| Samsung | K524G2GACB [FBGA137]  |          | (3022) (*1)        |
| Samsung | K5A3240CBM [FBGA69]   |          | (530)              |
| Samsung | K5A3240CTM [FBGA69]   |          | (530)              |
| Samsung | K5A3240YBB-T [TBGA69] |          | (530)              |
| Samsung | K5A3240YBC-T [TBGA69] |          | (530)              |
| Samsung | K5A3240YTB-T [TBGA69] |          | (530)              |
| Samsung | K5A3240YTC-T [TBGA69] |          | (530)              |
| Samsung | K5A3280YBB-T [TBGA69] |          | (530)              |
| Samsung | K5A3280YBC-T [TBGA69] |          | (530)              |
| Samsung | K5A3280YTB-T [TBGA69] |          | (530)              |
| Samsung | K5A3280YTC-T [TBGA69] |          | (530)              |
| Samsung | K5A3281CBM-D [FBGA69] |          | (514)              |
| Samsung | K5A3281CBM-F [FBGA69] |          | (514)              |
| Samsung | K5A3281CTM-D [FBGA69] |          | (514)              |
| Samsung | K5A3281CTM-F [FBGA69] |          | (514)              |
| Samsung | K5A3340YBB-T [TBGA69] |          | (530)              |
| Samsung | K5A3340YBC-T [TBGA69] |          | (530)              |
| Samsung | K5A3340YTB-T [TBGA69] |          | (530)              |
| Samsung | K5A3340YTC-T [TBGA69] |          | (530)              |
| Samsung | K5A3380YBB-T [TBGA69] |          | (530)              |
| Samsung | K5A3380YBC-T [TBGA69] |          | (530)              |
| Samsung | K5A3380YTB-T [TBGA69] |          | (530)              |
| Samsung | K5A3380YTC-T [TBGA69] |          | (530)              |
| Samsung | K5A6317CBM [FBGA69]   |          | (513)              |
| Samsung | K5A6317CTM [FBGA69]   |          | (513)              |
| Samsung | K5D12121CA [FBGA107]  |          | (687)              |
| Samsung | K5D12121CM [FBGA107]  |          | (687)              |
| Samsung | K5D1212ACM [FBGA149]  |          | (1094)             |
| Samsung | K5D1212DCM [FBGA149]  |          | (1094)             |
| Samsung | K5D1213ACE [FBGA137]  |          | (3047) (*1)        |
| Samsung | K5D1213ACE [FBGA137]  | (IAC-01) | (3047) (*1)        |
| Samsung | K5D1213ACE [FBGA137]  | (ZTE-01) | (3047) (*1)        |
| Samsung | K5D1213ACJ [FBGA137]  |          | (1287)             |
| Samsung | K5D1213ACM [FBGA137]  |          | (3047) (*1)        |
| Samsung | K5D1213ACM [FBGA137]  | (IAC-01) | (3047) (*1)        |
| Samsung | K5D12571CA [FBGA107]  |          | (687)              |
| Samsung | K5D1257ACB [FBGA107]  |          | (687)              |
| Samsung | K5D1257ACC [FBGA107]  |          | (687)              |
| Samsung | K5D1257ACC [FBGA107]  | (IAC-01) | (687)              |
| Samsung | K5D1257ACF [FBGA107]  |          | (687)              |
| Samsung | K5D1258ACB [FBGA137]  |          | (1287)             |

|         |              |           |          |             |
|---------|--------------|-----------|----------|-------------|
| Samsung | K5D1258ACB   | [FBGA137] | (ZTE-01) | (1287)      |
| Samsung | K5D1258DCA   | [FBGA137] |          | (3047) (*1) |
| Samsung | K5D1258DCB   | [FBGA137] |          | (3047) (*1) |
| Samsung | K5D1258DCM   | [FBGA137] |          | (3047) (*1) |
| Samsung | K5D1G12ACK   | [FBGA107] |          | (687)       |
| Samsung | K5D1G12DCA   | [FBGA107] |          | (687)       |
| Samsung | K5D1G12DCA   | [FBGA107] | (ZTE-01) | (687)       |
| Samsung | K5D1G13ACD   | [FBGA137] |          | (3047) (*1) |
| Samsung | K5D1G13ACH   | [FBGA137] |          | (3047) (*1) |
| Samsung | K5D1G13ACH   | [FBGA137] | (ZTE-01) | (3047) (*1) |
| Samsung | K5D1G13ACJ   | [FBGA137] |          | (3047) (*1) |
| Samsung | K5D1G13ACJ   | [FBGA137] | (IAC-01) | (3047) (*1) |
| Samsung | K5D1G13ACJ   | [FBGA137] | (ZTE-01) | (3047) (*1) |
| Samsung | K5D5613HCM   | [FBGA137] |          | (616)       |
| Samsung | K5D5629ACC   | [FBGA107] |          | (687)       |
| Samsung | K5D5657ACA   | [FBGA107] |          | (687)       |
| Samsung | K5D5657ACB   | [FBGA107] |          | (687)       |
| Samsung | K5D5657ACC   | [FBGA107] |          | (687)       |
| Samsung | K5D5657ACM   | [FBGA107] |          | (687)       |
| Samsung | K5D5657DCA   | [FBGA107] |          | (687)       |
| Samsung | K5D5657DCM   | [FBGA107] |          | (687)       |
| Samsung | K5E1257ACM   | [FBGA107] |          | (687)       |
| Samsung | K5E1G12ACC   | [FBGA107] |          | (687)       |
| Samsung | K5E1G12ACC   | [FBGA107] | (ZTE-01) | (687)       |
| Samsung | K5E1G12ACM   | [FBGA133] |          | (1207)      |
| Samsung | K5E1G13ACA   | [FBGA137] |          | (1126)      |
| Samsung | K5E1G13ACA   | [FBGA137] | (EPS-4)  | (1126)      |
| Samsung | K5E1G13ACA   | [FBGA137] | (IAC-01) | (1126)      |
| Samsung | K5E1G13ACM   | [FBGA137] |          | (1126)      |
| Samsung | K5E2G1GACM   | [FBGA137] |          | (1125)      |
| Samsung | K5E5657ACB   | [FBGA121] |          | (602)       |
| Samsung | K5E5658ACM   | [FBGA137] |          | (3047) (*1) |
| Samsung | K5E5658HCM   | [FBGA137] |          | (3047) (*1) |
| Samsung | K5G2829ABM   | [FBGA133] |          | (1552)      |
| Samsung | K5G2829ATM   | [FBGA133] |          | (1552)      |
| Samsung | K5G5629AT    | [FBGA133] |          | (1275)      |
| Samsung | K5L2731CAA-D | [FBGA64]  |          | (757)       |
| Samsung | K5L2763CAA-D | [FBGA64]  |          | (758)       |
| Samsung | K5L3216CAM-D | [FBGA69]  |          | (530)       |
| Samsung | K5L3316CAM-D | [FBGA69]  |          | (530)       |
| Samsung | K5L6331CAA-D | [FBGA56]  |          | (570)       |
| Samsung | K5L6331CAM-D | [FBGA56]  |          | (570)       |
| Samsung | K5L6631CAA-D | [FBGA56]  |          | (570)       |
| Samsung | K5N2866ABD-B | [FBGA52]  |          | (1508)      |
| Samsung | K5N2866ATD-B | [FBGA52]  |          | (1508)      |
| Samsung | K5N2866ATF-B | [FBGA52]  |          | (1508)      |
| Samsung | K5N3216ABM-S | [FBGA56]  |          | (723)       |
| Samsung | K5N3216ATM-S | [FBGA56]  |          | (723)       |
| Samsung | K5N3217ABM-S | [FBGA56]  |          | (723)       |
| Samsung | K5N3217ATM-S | [FBGA56]  |          | (723)       |
| Samsung | K5N5629ABA-A | [FBGA56]  |          | (723)       |
| Samsung | K5N5629ACX-A | [FBGA107] |          | (1077)      |
| Samsung | K5N5629ATC   | [FBGA56]  |          | (723)       |
| Samsung | K5N5666ACX-A | [FBGA107] |          | (1077)      |
| Samsung | K5W1G13ACB   | [FBGA153] |          | (1325)      |
| Samsung | K5W2G13ACM   | [FBGA152] |          | (1342)      |
| Samsung | K8A6215EBC   | [FBGA88]  |          | (1470)      |
| Samsung | K8A6215ETC   | [FBGA88]  |          | (1470)      |
| Samsung | K8A6315EBC   | [FBGA88]  |          | (1470)      |
| Samsung | K8A6315ETC   | [FBGA88]  |          | (1470)      |
| Samsung | K8A6415EBC   | [FBGA88]  |          | (1470)      |
| Samsung | K8A6415ETC   | [FBGA88]  |          | (1470)      |
| Samsung | K8A6515EBC   | [FBGA88]  |          | (1470)      |
| Samsung | K8A6515ETC   | [FBGA88]  |          | (1470)      |
| Samsung | K8D1716UB    | [TSOP48]  |          | (1346)      |
| Samsung | K8D1716UBC   | [TSOP48]  |          | (1346)      |
| Samsung | K8D1716UBC-D | [FBGA48]  |          | (790)       |
| Samsung | K8D1716UBC-F | [FBGA48]  |          | (790)       |
| Samsung | K8D1716UT    | [TSOP48]  |          | (1346)      |
| Samsung | K8D1716UTC   | [TSOP48]  |          | (1346)      |
| Samsung | K8D1716UTC-D | [FBGA48]  |          | (790)       |
| Samsung | K8D1716UTC-F | [FBGA48]  |          | (790)       |
| Samsung | K8D3216UBA   | [TSOP48]  |          | (1346)      |
| Samsung | K8D3216UBC   | [TSOP48]  |          | (1346)      |
| Samsung | K8D3216UBC-D | [FBGA48]  |          | (790)       |
| Samsung | K8D3216UBC-F | [FBGA48]  |          | (790)       |
| Samsung | K8D3216UBC-L | [TBGA48]  |          | (790)       |
| Samsung | K8D3216UBC-T | [TBGA48]  |          | (790)       |
| Samsung | K8D3216UBM   | [TSOP48]  |          | (1346)      |
| Samsung | K8D3216UTA   | [TSOP48]  |          | (1346)      |
| Samsung | K8D3216UTC   | [TSOP48]  |          | (1346)      |
| Samsung | K8D3216UTC-D | [FBGA48]  |          | (790)       |
| Samsung | K8D3216UTC-F | [FBGA48]  |          | (790)       |
| Samsung | K8D3216UTC-L | [TBGA48]  |          | (790)       |
| Samsung | K8D3216UTC-T | [TBGA48]  |          | (790)       |
| Samsung | K8D3216UTM   | [TSOP48]  |          | (1346)      |
| Samsung | K8D3316UBA   | [TSOP48]  |          | (1346)      |
| Samsung | K8D3316UBM   | [TSOP48]  |          | (1346)      |
| Samsung | K8D3316UTA   | [TSOP48]  |          | (1346)      |
| Samsung | K8D3316UTM   | [TSOP48]  |          | (1346)      |
| Samsung | K8D6316UBM   | [TBGA48]  |          | (537)       |
| Samsung | K8D6316UBM   | [TSOP48]  |          | (1346)      |
| Samsung | K8D6316UTM   | [TBGA48]  |          | (537)       |
| Samsung | K8D6316UTM   | [TSOP48]  |          | (1346)      |
| Samsung | K8D6516UBM   | [TBGA48]  |          | (537)       |
| Samsung | K8D6516UBM   | [TSOP48]  |          | (1346)      |
| Samsung | K8D6516UTM   | [TBGA48]  |          | (537)       |
| Samsung | K8D6516UTM   | [TSOP48]  |          | (1346)      |
| Samsung | K8F1215EBM   | [FBGA64]  |          | (1093)      |
| Samsung | K8F1215ETM   | [FBGA64]  |          | (1093)      |
| Samsung | K8F1315EBM   | [FBGA64]  |          | (1093)      |
| Samsung | K8F1315ETM   | [FBGA64]  |          | (1093)      |
| Samsung | K8F5315EBA   | [FBGA44]  |          | (822)       |
| Samsung | K8F5315ETA   | [FBGA44]  |          | (822)       |
| Samsung | K8F5315EZA   | [FBGA44]  |          | (822)       |
| Samsung | K8F5615EBA   | [FBGA44]  |          | (822)       |
| Samsung | K8F5615EBM   | [FBGA44]  |          | (1067)      |
| Samsung | K8F5615ETA   | [FBGA44]  |          | (822)       |
| Samsung | K8F5615ETM   | [FBGA44]  |          | (1067)      |
| Samsung | K8F5615EZA   | [FBGA44]  |          | (822)       |
| Samsung | K8F5715EBA   | [FBGA44]  |          | (822)       |
| Samsung | K8F5715EBM   | [FBGA44]  |          | (1067)      |
| Samsung | K8F5715ETA   | [FBGA44]  |          | (822)       |
| Samsung | K8F5715ETM   | [FBGA44]  |          | (1067)      |
| Samsung | K8F5715EZA   | [FBGA44]  |          | (822)       |
| Samsung | K8P1615UQB   | [FBGA48]  |          | (859)       |
| Samsung | K8P1615UQB   | [TSOP48]  |          | (1346)      |
| Samsung | K8P2716UZZ   | [TSOP56]  |          | (3080)      |
| Samsung | K8P2815UQB   | [FBGA64]  |          | (938)       |
| Samsung | K8P2815UQB   | [FBGA80]  |          | (992)       |
| Samsung | K8P2815UQC   | [FBGA64]  |          | (938)       |
| Samsung | K8P2815UQC   | [FBGA80]  |          | (992)       |
| Samsung | K8P2815UQC   | [TSOP56]  |          | (3080)      |
| Samsung | K8P2915UQB   | [FBGA64]  |          | (692)       |
| Samsung | K8P2915UQB   | [FBGA80]  |          | (992)       |
| Samsung | K8P3215UQB   | [FBGA48]  |          | (859)       |
| Samsung | K8P3215UQB   | [FBGA64]  |          | (922)       |
| Samsung | K8P3215UQB   | [TSOP48]  |          | (1346)      |

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|         |            |            |        |             |
|---------|------------|------------|--------|-------------|
| Samsung | K9F2808U0B | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F2808U0B | [WSOP48]   | (2829) |             |
| Samsung | K9F2808U0C | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F2808U0C | [WSOP48]   | (2829) |             |
| Samsung | K9F2808U0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F2816Q0C | [TBGA63]   | (2690) | (*1)        |
| Samsung | K9F2816U0C | [TBGA63]   | (2690) | (*1)        |
| Samsung | K9F2816U0C | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F2G08Q0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F2G08R0A | [FBGA63]   | (1563) |             |
| Samsung | K9F2G08U0A | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F2G08U0B | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F2G08U0B | [TSOP48]   | (1266) | (9999) (*1) |
| Samsung | K9F2G08U0B | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F2G08U0C | [FBGA63]   | (2690) | (*1)        |
| Samsung | K9F2G08U0C | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F2G08U0C | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F2G08U0C | (T&W-01)   | (1266) | (*1)        |
| Samsung | K9F2G08U0C | (TTE-01)   | (1266) | (*1)        |
| Samsung | K9F2G08U0D | [TSOP48]   | (3075) |             |
| Samsung | K9F2G08U0D | [TSOP48]   | (3075) |             |
| Samsung | K9F2G08U0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F2G08U0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F2G08U0M | (FOX-02)   | (2829) |             |
| Samsung | K9F2G16Q0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F2G16U0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F4008W0A | [TSOP44]   | (149)  |             |
| Samsung | K9F4G08U0A | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F4G08U0B | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F4G08U0B | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F4G08U0D | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F4G08U0D | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F4G08U0E | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F4G08U0E | (KJL-01)   | (1266) | (*1)        |
| Samsung | K9F4G08U0F | [TSOP48]   | (3075) |             |
| Samsung | K9F4G08U0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F5608B0D | [FBGA63]   | (2690) | (*1)        |
| Samsung | K9F5608B0D | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F5608D0C | [FBGA63]   | (2690) | (*1)        |
| Samsung | K9F5608D0C | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F5608D0D | [FBGA63]   | (2690) | (*1)        |
| Samsung | K9F5608D0D | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F5608Q0B | [TBGA63]   | (2690) | (*1)        |
| Samsung | K9F5608Q0C | [FBGA63]   | (2690) | (*1)        |
| Samsung | K9F5608R0D | [FBGA63]   | (2690) | (*1)        |
| Samsung | K9F5608U0A | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F5608U0B | [TBGA63]   | (2690) | (*1)        |
| Samsung | K9F5608U0B | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F5608U0B | [WSOP48]   | (2829) |             |
| Samsung | K9F5608U0C | [FBGA63]   | (2690) | (*1)        |
| Samsung | K9F5608U0C | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F5608U0C | [WSOP48]   | (2829) |             |
| Samsung | K9F5608U0D | [FBGA63]   | (2690) | (*1)        |
| Samsung | K9F5608U0D | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F5608U0D | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F5608U0D | (ASKEY-03) | (1266) | (*1)        |
| Samsung | K9F5608U0D | (EPS)      | (1266) | (*1)        |
| Samsung | K9F5608U0D | [WSOP48]   | (2829) |             |
| Samsung | K9F5608U0D | (EPS)      | (2829) |             |
| Samsung | K9F5608U0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F5616D0C | [FBGA63]   | (2690) | (*1)        |
| Samsung | K9F5616D0C | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F5616Q0B | [TBGA63]   | (2690) | (*1)        |
| Samsung | K9F5616Q0C | [FBGA63]   | (2690) | (*1)        |
| Samsung | K9F5616U0B | [TBGA63]   | (2690) | (*1)        |
| Samsung | K9F5616U0B | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F5616U0C | [FBGA63]   | (2690) | (*1)        |
| Samsung | K9F5616U0C | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F6408U0A | [TSOP44]   | (149)  |             |
| Samsung | K9F6408U0B | [TSOP44]   | (149)  |             |
| Samsung | K9F6408U0C | [TSOP44]   | (149)  |             |
| Samsung | K9F6408U0C | [WSOP48]   | (2829) |             |
| Samsung | K9F6408U0M | [TSOP44]   | (149)  |             |
| Samsung | K9F8G08B0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F8G08U0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9F8G08U0M | (LGE-18)   | (1266) | (*1)        |
| Samsung | K9F8G08U0M | (QIS-01)   | (1266) | (9999) (*1) |
| Samsung | K9G2G08B0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9G2G08U0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9G4G08B0A | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9G4G08B0B | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9G4G08U0A | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9G4G08U0A | (AML-01)   | (1266) | (*1)        |
| Samsung | K9G4G08U0A | (FOX-02)   | (1266) | (*1)        |
| Samsung | K9G4G08U0A | (QIS-01)   | (1266) | (*1)        |
| Samsung | K9G4G08U0B | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9G4G08U0B | (AML-01)   | (1266) | (*1)        |
| Samsung | K9G4G08U0B | (QIS-01)   | (1266) | (9999) (*1) |
| Samsung | K9G4G08U0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9G4G08U0M | (AML-01)   | (1266) | (*1)        |
| Samsung | K9G8G08B0A | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9G8G08U0A | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9G8G08U0A | (QIS-01)   | (1266) | (9999) (*1) |
| Samsung | K9G8G08U0B | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9G8G08U0B | (QIS-01)   | (1266) | (9999) (*1) |
| Samsung | K9G8G08U0B | (USD-01)   | (1266) | (*1)        |
| Samsung | K9G8G08U0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9GAG08B0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9GAG08U0D | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9GAG08U0E | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9GAG08U0E | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9GAG08U0E | (AML-01)   | (1266) | (*1)        |
| Samsung | K9GAG08U0E | (HDT-01)   | (1266) | (*1)        |
| Samsung | K9GAG08U0F | [TSOP48]   | (1574) | (*1)        |
| Samsung | K9GAG08U0F | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9GAG08U0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9GBG08U0A | [TSOP48]   | (1574) | (*1)        |
| Samsung | K9GBG08U0A | (AML-02)   | (1574) | (*1)        |
| Samsung | K9GBG08U0M | [LGA52]    | (2620) |             |
| Samsung | K9HAG08U1M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9HBG08U1A | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9HBG08U1M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9HCG08U1D | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9HCG08U1M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9HCG08U5D | [WGA52]    | (2620) |             |
| Samsung | K9HCG08U5M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9HDG08U5M | [LGA52]    | (2620) |             |
| Samsung | K9K1208D0C | [FBGA63]   | (1524) | (*1)        |
| Samsung | K9K1208Q0C | [FBGA63]   | (1524) | (*1)        |
| Samsung | K9K1208U0A | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9K1208U0A | [WSOP48]   | (2829) |             |
| Samsung | K9K1208U0C | [FBGA63]   | (1524) | (*1)        |
| Samsung | K9K1208U0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9K1216D0C | [FBGA63]   | (1524) | (*1)        |
| Samsung | K9K1216Q0C | [FBGA63]   | (1524) | (*1)        |
| Samsung | K9K1216U0C | [FBGA63]   | (1524) | (*1)        |
| Samsung | K9K1G08U0A | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9K1G08U0A | [WSOP48]   | (2829) |             |
| Samsung | K9K1G08U0M | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9K1G16U0A | [TSOP48]   | (1266) | (*1)        |
| Samsung | K9K2G08Q0M | [TSOP48]   | (1266) | (*1)        |

|         |                 |           |                    |
|---------|-----------------|-----------|--------------------|
| Samsung | K9K2G08R0A      | [FBGA63]  | (904)              |
| Samsung | K9K2G08U0A      | [WSOP48]  | (2829)             |
| Samsung | K9K2G08U0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K2G08U0M      | [WSOP48]  | (2829)             |
| Samsung | K9K2G16Q0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K2G16U0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K4G08U0A      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K4G08U0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K4G16Q0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K4G16U0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K5608U0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K8G08U0A      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K8G08U0B      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K8G08U0D      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K8G08U0E      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K8G08U0F      | [TSOP48]  | (3075)             |
| Samsung | K9K8G08U0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K8G08U1D      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9K8G08U1E      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9KAG08U0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9L8G08U0A      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9L8G08U0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9LAG08U0A      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9LAG08U0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9LBG08U0D      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9LBG08U0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9LBG08U1M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9LCG08U1M      | [LGA52]   | (2620)             |
| Samsung | K9MCG08U5M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9MDG08U5D      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9MDG08U5M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9MZG08U3M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9NBG08U5A      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9NBG08U5M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9NCG08U5M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9T1G08B0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9T1G08B0M      | [WSOP48]  | (2829)             |
| Samsung | K9T1G08U0M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9T1G08U0M      | [WSOP48]  | (2829)             |
| Samsung | K9W4G08U1M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9W4G16U1M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9W8G08U1M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9WAG08U1A      | [TLGA52]  | (2303)             |
| Samsung | K9WAG08U1A      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9WAG08U1B      | [TLGA52]  | (2303)             |
| Samsung | K9WAG08U1B      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9WAG08U1D      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9WAG08U1M      | [TLGA52]  | (2303)             |
| Samsung | K9WAG08U1M      | [TSOP48]  | (1266) (*1)        |
| Samsung | K9WBG08U1M      | [TSOP48]  | (1266) (*1)        |
| Samsung | KAD060300B      | [TBGA69]  | (513)              |
| Samsung | KAD060700D      | [TBGA69]  | (513)              |
| Samsung | KAD070300B      | [TBGA69]  | (513)              |
| Samsung | KAD070700D      | [TBGA69]  | (513)              |
| Samsung | KAL00300CM      | [FBGA107] | (687)              |
| Samsung | KAL009001M      | [FBGA137] | (1502)             |
| Samsung | KAL00900RM      | [FBGA152] | (1342)             |
| Samsung | KAL00T00KM      | [FBGA137] | (1126)             |
| Samsung | KAL00X00KM      | [FBGA137] | (3047) (*1)        |
| Samsung | KAL00X00UM      | [FBGA137] | (3047) (*1)        |
| Samsung | KAV001002M      | [FBGA152] | (1342)             |
| Samsung | KBE00500AM      | [FBGA137] | (3047) (*1)        |
| Samsung | KBE00F003A      | [FBGA107] | (687)              |
| Samsung | KBE00F005A      | [FBGA137] | (616)              |
| Samsung | KBY00N00HM      | [FBGA137] | (3022) (*1)        |
| Samsung | KF98G16Q4X      | [FBGA63]  | (4921)             |
| Samsung | KFG1216Q2A      | [FBGA63]  | (993)              |
| Samsung | KFG1216Q2B      | [FBGA63]  | (993)              |
| Samsung | KFG1216Q2M      | [FBGA63]  | (993)              |
| Samsung | KFG1216U2A      | [FBGA63]  | (993)              |
| Samsung | KFG1216U2B      | [FBGA63]  | (993)              |
| Samsung | KFG1G16U2C      | [FBGA63]  | (1460)             |
| Samsung | KFG1G16U2D      | [FBGA63]  | (2695)             |
| Samsung | KFG1GN6W2D      | [FBGA63]  | (2695)             |
| Samsung | KFG2816Q1M      | [TSOP48]  | (57)               |
| Samsung | KFG2816U1M      | [TSOP48]  | (57)               |
| Samsung | KFG5616Q1A      | [TSOP48]  | (57)               |
| Samsung | KFG5616Q1M      | [FBGA63]  | (993)              |
| Samsung | KFG5616Q1M      | [TSOP48]  | (57)               |
| Samsung | KFG5616U1A      | [TSOP48]  | (57)               |
| Samsung | KFG5616U1M      | [FBGA63]  | (993)              |
| Samsung | KFG5616U1M      | [TSOP48]  | (57)               |
| Samsung | KFM2GN6Q2B      | [FBGA63]  | (2345)             |
| Samsung | KFM4G16Q4B      | [FBGA63]  | (3412)             |
| Samsung | KLM2G1HE3F-B001 | [FBGA153] | (2634) (*1)        |
| Samsung | KLM2G1HE3F-B001 | [FBGA153] | (2634) (*1)        |
| Samsung | KLM4G1FE3A-A001 | [FBGA169] | (2392) (*1)        |
| Samsung | KLM4G1FE3B-B001 | [FBGA153] | (2634) (*1)        |
| Samsung | KLM4G1FEAB-B001 | [FBGA153] | (2634) (*1)        |
| Samsung | KLM4G1FEAC-B031 | [FBGA153] | (3256) (*1)        |
| Samsung | KLM4G1FEPD-B031 | [FBGA153] | (3256) (*1)        |
| Samsung | KLM4G1FEPD-B031 | [FBGA153] | (3256) (*1)        |
| Samsung | KLM4G1FEPD-B031 | [FBGA153] | (3256) (*1)        |
| Samsung | KLM4G1FETE-B041 | [FBGA153] | (3256) (*1)        |
| Samsung | KLM4G1FETE-B041 | [FBGA153] | (3256) (*1)        |
| Samsung | KLM4G1FETE-B041 | [FBGA153] | (3256) (*1)        |
| Samsung | KLM4G1YE4C-B001 | [FBGA153] | (2634) (*1)        |
| Samsung | KLM4G1YEMD-B031 | [FBGA153] | (3149) (*1)        |
| Samsung | KLM4G1YEMD-B031 | [FBGA153] | (3149) (9999) (*1) |
| Samsung | KLM4G1YEMD-B031 | [FBGA153] | (3149) (*1)        |
| Samsung | KLM4G2DEHE-B101 | [FBGA153] | (2578) (9999) (*1) |
| Samsung | KLM8G1GE7C-B021 | [FBGA100] | (3113) (*1)        |
| Samsung | KLM8G1GEAC-B001 | [FBGA153] | (2634) (*1)        |
| Samsung | KLM8G1GEME-B041 | [FBGA153] | (3149) (*1)        |
| Samsung | KLM8G1GEME-B041 | [FBGA153] | (3149) (*1)        |
| Samsung | KLM8G1GEND-B031 | [FBGA153] | (3149) (*1)        |
| Samsung | KLM8G1GEND-B031 | [FBGA153] | (3149) (9999) (*1) |
| Samsung | KLM8G1GEND-B031 | [FBGA153] | (3149) (*1)        |
| Samsung | KLM8G1GEND-B031 | [FBGA153] | (3149) (*1)        |
| Samsung | KLM8G1GESD-B03x | [FBGA153] | (3149) (*1)        |
| Samsung | KLM8G1GESD-B04x | [FBGA153] | (3149) (9999) (*1) |
| Samsung | KLM8G1GESD-C02P | [FBGA100] | (3113) (*1)        |
| Samsung | KLM8G1GETF-B041 | [FBGA153] | (3149) (*1)        |
| Samsung | KLM8G1GETF-B041 | [FBGA153] | (3149) (*1)        |
| Samsung | KLM8G1WE4A-A001 | [FBGA169] | (2693) (*1)        |
| Samsung | KLM8G1WEMB-B031 | [FBGA153] | (3149) (*1)        |
| Samsung | KLM8G1WEPD-B031 | [FBGA153] | (3149) (*1)        |
| Samsung | KLM8G2FE3B-B001 | [FBGA153] | (2634) (*1)        |
| Samsung | KLM8G2FE3A-A001 | [FBGA169] | (2392) (*1)        |
| Samsung | KLMAG1JENB-B041 | [FBGA153] | (3149) (*1)        |
| Samsung | KLMAG1JETD-B041 | [FBGA153] | (3149) (*1)        |
| Samsung | KLMAG1JETD-B041 | [FBGA153] | (3149) (*1)        |
| Samsung | KLMAG2GE4A-A001 | [FBGA169] | (2693) (*1)        |
| Samsung | KLMAG2GE7C-B021 | [FBGA100] | (3113) (*1)        |
| Samsung | KLMAG2GEAC-B001 | [FBGA153] | (2634) (*1)        |
| Samsung | KLMAG2GEND-B031 | [FBGA153] | (3149) (*1)        |
| Samsung | KLMAG2GESD-B03x | [FBGA153] | (3149) (*1)        |
| Samsung | KLMAG2GESD-B04x | [FBGA153] | (3149) (9999) (*1) |



|         |                          |           |                    |
|---------|--------------------------|-----------|--------------------|
| Samsung | KLMA2GESD-C02P           | [FBGA100] | (3113) (*1)        |
| Samsung | KLMA2WE4A-A001           | [FBGA169] | (2693) (*1)        |
| Samsung | KLMA2WEMB-B031           | [FBGA153] | (3149) (*1)        |
| Samsung | KLMA2WEPD-B031           | [FBGA153] | (3149) (*1)        |
| Samsung | KLMA4FE3B-A001           | [FBGA169] | (2693) (*1)        |
| Samsung | KLMA4FE4B-B001           | [FBGA153] | (2634) (*1)        |
| Samsung | KLMA4FEJA-A001           | [FBGA169] | (2392) (*1)        |
| Samsung | KLMA4FEJA-B001           | [FBGA169] | (2817) (*1)        |
| Samsung | KLMBG2JENB-B041          | [FBGA153] | (3148) (*1)        |
| Samsung | KLMBG2JETD-B041          | [FBGA153] | (3148) (*1)        |
| Samsung | KLMBG4GE4A-A001          | [FBGA169] | (2693) (*1)        |
| Samsung | KLMBG4GE7C-B021          | [FBGA100] | (3113) (*1)        |
| Samsung | KLMBG4GEAC-B001          | [FBGA153] | (2634) (*1)        |
| Samsung | KLMBG4GEND-B031          | [FBGA153] | (3148) (*1)        |
| Samsung | KLMBG4GESD-B03x          | [FBGA153] | (3148) (*1)        |
| Samsung | KLMBG4GESD-B04P          | [FBGA153] | (3148) (9999) (*1) |
| Samsung | KLMBG4GESD-B04x          | [FBGA153] | (3148) (9999) (*1) |
| Samsung | KLMBG4GESD-C02P          | [FBGA100] | (3113) (*1)        |
| Samsung | KLMBG4WE4A-A001          | [FBGA169] | (2693) (*1)        |
| Samsung | KLMBG4WEBD-B031          | [FBGA153] | (3148) (*1)        |
| Samsung | KLMBG8FE3B-A001          | [FBGA169] | (2392) (*1)        |
| Samsung | KLMBG8FE4B-B001          | [FBGA153] | (2578) (*1)        |
| Samsung | KLMBG8FEJA-A001          | [FBGA169] | (2392) (*1)        |
| Samsung | KLMSG4JENB-B041          | [FBGA153] | (3148) (*1)        |
| Samsung | KLMSG4JETD-B041          | [FBGA153] | (3148) (*1)        |
| Samsung | KLMSG8GE4A-A001          | [FBGA169] | (2392) (*1)        |
| Samsung | KLMSG8GEAC-B001          | [FBGA153] | (2578) (*1)        |
| Samsung | KLMSG8GEND-B031          | [FBGA153] | (3148) (*1)        |
| Samsung | KLMSG8GESD-B03x          | [FBGA153] | (3148) (*1)        |
| Samsung | KLMSG8GESD-B04x          | [FBGA153] | (3148) (9999) (*1) |
| Samsung | KLMSG8WE4A-A001          | [FBGA169] | (2392) (*1)        |
| Samsung | KLMSG8WEBD-B031          | [FBGA153] | (3148) (*1)        |
| Samsung | KLMSGAFE4B-B001          | [FBGA153] | (2739) (*1)        |
| Samsung | KLMSGAFEJA-B001          | [FBGA169] | (2577) (*1)        |
| Samsung | KLMDG8JENB-B041          | [FBGA153] | (3147) (*1)        |
| Samsung | KM23C32000               |           |                    |
| Samsung | KM2816                   |           |                    |
| Samsung | KM2816A                  |           |                    |
| Samsung | KM2817                   |           |                    |
| Samsung | KM2817A                  |           |                    |
| Samsung | KM2864A/H                |           |                    |
| Samsung | KM2865A/H                |           |                    |
| Samsung | KM28C16                  |           |                    |
| Samsung | KM28C17                  |           |                    |
| Samsung | KM28C17 [PLCC32]         |           | (59)               |
| Samsung | KM28C256                 |           |                    |
| Samsung | KM28C256 [PLCC32]        |           | (59)               |
| Samsung | KM28C256A                |           |                    |
| Samsung | KM28C256A [PLCC32]       |           | (59)               |
| Samsung | KM28C64                  |           |                    |
| Samsung | KM28C64 [PLCC32]         |           | (59)               |
| Samsung | KM28C64A                 |           |                    |
| Samsung | KM28C64A [PLCC32]        |           | (59)               |
| Samsung | KM28C65                  |           |                    |
| Samsung | KM28C65 [PLCC32]         |           | (59)               |
| Samsung | KM28C65A                 |           |                    |
| Samsung | KM28C65A [PLCC32]        |           | (59)               |
| Samsung | KM29C010                 |           |                    |
| Samsung | KM29C010 [PLCC32]        |           | (1399)             |
| Samsung | KM29C010 [TSOP32]        |           | (1414)             |
| Samsung | KM29U128AT [TSOP48]      |           | (1266) (*1)        |
| Samsung | KM29U128T [TSOP48]       |           | (1266) (*1)        |
| Samsung | KM29U256T [TSOP48]       |           | (1266) (*1)        |
| Samsung | KM29U64000AIT [TSOP44]   |           | (149)              |
| Samsung | KM29U64000AT [TSOP44]    |           | (149)              |
| Samsung | KM29U64000IT [TSOP44]    |           | (149)              |
| Samsung | KM29U64000T [TSOP44]     |           | (149)              |
| Samsung | KM29W040AT [TSOP44]      |           | (149)              |
| Samsung | KM93C06                  |           |                    |
| Samsung | KM93C06 (ISP)            |           | (138)              |
| Samsung | KM93C06G [SOIC8]         |           | (950)              |
| Samsung | KM93C06GD [SOIC8]        |           | (950)              |
| Samsung | KM93C07                  |           |                    |
| Samsung | KM93C07 (ISP)            |           | (138)              |
| Samsung | KM93C07G [SOIC8]         |           | (950)              |
| Samsung | KM93C07GD [SOIC8]        |           | (950)              |
| Samsung | KM93C46                  |           |                    |
| Samsung | KM93C46 (ISP)            |           | (138)              |
| Samsung | KM93C46G [SOIC8]         |           | (950)              |
| Samsung | KM93C46GD [SOIC8]        |           | (950)              |
| Samsung | KM93C46V                 |           |                    |
| Samsung | KM93C46V (ISP)           |           | (138)              |
| Samsung | KM93C46VG [SOIC8]        |           | (950)              |
| Samsung | KM93C46VGD [SOIC8]       |           | (950)              |
| Samsung | KM93C56                  |           |                    |
| Samsung | KM93C56 (ISP)            |           | (138)              |
| Samsung | KM93C56G [SOIC8]         |           | (950)              |
| Samsung | KM93C56GD [SOIC8]        |           | (950)              |
| Samsung | KM93C56V                 |           |                    |
| Samsung | KM93C56V (ISP)           |           | (138)              |
| Samsung | KM93C56VG [SOIC8]        |           | (950)              |
| Samsung | KM93C56VGD [SOIC8]       |           | (950)              |
| Samsung | KM93C57 (x16)            |           |                    |
| Samsung | KM93C57 (x16) (ISP)      |           | (138)              |
| Samsung | KM93C57 (x8)             |           |                    |
| Samsung | KM93C57 (x8) (ISP)       |           | (138)              |
| Samsung | KM93C57G (x16) [SOIC8]   |           | (950)              |
| Samsung | KM93C57G (x8) [SOIC8]    |           | (950)              |
| Samsung | KM93C57GD (x16) [SOIC8]  |           | (950)              |
| Samsung | KM93C57GD (x8) [SOIC8]   |           | (950)              |
| Samsung | KM93C57V (x16)           |           |                    |
| Samsung | KM93C57V (x16) (ISP)     |           | (138)              |
| Samsung | KM93C57V (x8)            |           |                    |
| Samsung | KM93C57V (x8) (ISP)      |           | (138)              |
| Samsung | KM93C57VG (x16) [SOIC8]  |           | (950)              |
| Samsung | KM93C57VG (x8) [SOIC8]   |           | (950)              |
| Samsung | KM93C57VGD (x16) [SOIC8] |           | (950)              |
| Samsung | KM93C57VGD (x8) [SOIC8]  |           | (950)              |
| Samsung | KM93C66                  |           |                    |
| Samsung | KM93C66 (ISP)            |           | (138)              |
| Samsung | KM93C66G [SOIC8]         |           | (950)              |
| Samsung | KM93C66GD [SOIC8]        |           | (950)              |
| Samsung | KM93C66V                 |           |                    |
| Samsung | KM93C66V (ISP)           |           | (138)              |
| Samsung | KM93C66VG [SOIC8]        |           | (950)              |
| Samsung | KM93C66VGD [SOIC8]       |           | (950)              |
| Samsung | KM93C67 (x16)            |           |                    |
| Samsung | KM93C67 (x16) (ISP)      |           | (138)              |
| Samsung | KM93C67 (x8)             |           |                    |
| Samsung | KM93C67 (x8) (ISP)       |           | (138)              |
| Samsung | KM93C67G (x16) [SOIC8]   |           | (950)              |
| Samsung | KM93C67G (x8) [SOIC8]    |           | (950)              |
| Samsung | KM93C67GD (x16) [SOIC8]  |           | (950)              |
| Samsung | KM93C67GD (x8) [SOIC8]   |           | (950)              |
| Samsung | KM93C67V (x16)           |           |                    |
| Samsung | KM93C67V (x16) (ISP)     |           | (138)              |
| Samsung | KM93C67V (x8)            |           |                    |
| Samsung | KM93C67V (x8) (ISP)      |           | (138)              |

|         |                           |              |
|---------|---------------------------|--------------|
| Samsung | KM93C67VG (x16) [SOIC8]   | (950)        |
| Samsung | KM93C67VG (x8) [SOIC8]    | (950)        |
| Samsung | KM93C67VGD (x16) [SOIC8]  | (950)        |
| Samsung | KM93C67VGD (x8) [SOIC8]   | (950)        |
| Samsung | KM93CS56                  |              |
| Samsung | KM93CS56 (ISP)            | (138)        |
| Samsung | KM93CS56GD [SOIC8]        | (950)        |
| Samsung | KM93CS66                  |              |
| Samsung | KM93CS66 (ISP)            | (138)        |
| Samsung | KM93CS66GD [SOIC8]        | (950)        |
| Samsung | KM93S56 (ISP)             | (138)        |
| Samsung | KM93S56D [SOIC8]          | (950)        |
| Samsung | KM93S66 (ISP)             | (138)        |
| Samsung | KM93S66D [SOIC8]          | (950)        |
| Samsung | KMAFG0000A-S998 [FBGA153] | (2578) (*1)  |
| Samsung | KMAFN0000M-S998 [FBGA169] | (2392) (*1)  |
| Samsung | KMAKG0000M-B998 [FBGA169] | (2432)       |
| Samsung | KMBDN0000M [FBGA169]      | (2392) (*1)  |
| Samsung | KMBLE0000M-B998 [FBGA169] | (2432)       |
| Samsung | KMBLG0000M-B998 [FBGA169] | (2432)       |
| Samsung | KMCEN0000M [FBGA169]      | (2392) (*1)  |
| Samsung | KS24A010                  |              |
| Samsung | KS24A010 (ISP)            | (138)        |
| Samsung | KS24A011                  |              |
| Samsung | KS24A011 (ISP)            | (138)        |
| Samsung | KS24A020                  |              |
| Samsung | KS24A020 (ISP)            | (138)        |
| Samsung | KS24A021                  |              |
| Samsung | KS24A021 (ISP)            | (138)        |
| Samsung | KS24A021 [SOP8]           | (950)        |
| Samsung | KS24A040                  |              |
| Samsung | KS24A040 (ISP)            | (138)        |
| Samsung | KS24A040 [SOP8]           | (950)        |
| Samsung | KS24A041                  |              |
| Samsung | KS24A041 (ISP)            | (138)        |
| Samsung | KS24A041 [SOP8]           | (950)        |
| Samsung | KS24A081                  |              |
| Samsung | KS24A081 (ISP)            | (138)        |
| Samsung | KS24A081 [SOP8]           | (950)        |
| Samsung | KS24A1281                 |              |
| Samsung | KS24A1281 (ISP)           | (138)        |
| Samsung | KS24A161                  |              |
| Samsung | KS24A161 (ISP)            | (138)        |
| Samsung | KS24A2561                 |              |
| Samsung | KS24A2561 (ISP)           | (138)        |
| Samsung | KS24A321                  |              |
| Samsung | KS24A321 (ISP)            | (138)        |
| Samsung | KS24A641                  |              |
| Samsung | KS24A641 (ISP)            | (138)        |
| Samsung | KS24C010                  |              |
| Samsung | KS24C010 (ISP)            | (138)        |
| Samsung | KS24C010 [SOP8]           | (950)        |
| Samsung | KS24C010 [TSSOP8]         | (121)        |
| Samsung | KS24C011                  |              |
| Samsung | KS24C011 (ISP)            | (138)        |
| Samsung | KS24C011 [SOP8]           | (950)        |
| Samsung | KS24C011 [TSSOP8]         | (121)        |
| Samsung | KS24C020                  |              |
| Samsung | KS24C020 (ISP)            | (138)        |
| Samsung | KS24C020 [SOIC8]          | (950)        |
| Samsung | KS24C020 [TSSOP8]         | (121)        |
| Samsung | KS24C021                  |              |
| Samsung | KS24C021 (ISP)            | (138)        |
| Samsung | KS24C021 [SOP8]           | (950)        |
| Samsung | KS24C021 [TSSOP8]         | (121)        |
| Samsung | KS24C040                  |              |
| Samsung | KS24C040 (ISP)            | (138)        |
| Samsung | KS24C040 [SOP8]           | (950)        |
| Samsung | KS24C040 [TSSOP8]         | (121)        |
| Samsung | KS24C041                  |              |
| Samsung | KS24C041 (ISP)            | (138)        |
| Samsung | KS24C041 [SOP8]           | (950)        |
| Samsung | KS24C041 [TSSOP8]         | (121)        |
| Samsung | KS24C080                  |              |
| Samsung | KS24C080 (ISP)            | (138)        |
| Samsung | KS24C080 [SOP8]           | (950)        |
| Samsung | KS24C080 [TSSOP8]         | (121)        |
| Samsung | KS24C081                  |              |
| Samsung | KS24C081 (ISP)            | (138)        |
| Samsung | KS24C081 [SOP8]           | (950)        |
| Samsung | KS24C081 [TSSOP8]         | (121)        |
| Samsung | KS24L161                  |              |
| Samsung | KS24L161 (ISP)            | (138)        |
| Samsung | KS24L321                  |              |
| Samsung | KS24L321 (ISP)            | (138)        |
| Samsung | KS24L641                  |              |
| Samsung | KS24L641 (ISP)            | (138)        |
| Samsung | MB-MG16DA                 | (2376)       |
| Samsung | MB-MG32DA                 | (2376)       |
| Samsung | MB-MP08DA                 | (2376)       |
| Samsung | MB-MP16DA                 | (2376)       |
| Samsung | MB-MP32DA                 | (2376)       |
| Samsung | MB-MS08DA                 | (2376)       |
| Samsung | MB-MS16DA                 | (2376)       |
| Samsung | MB-MS32DA                 | (2376)       |
| Samsung | MB-SG16D                  | (2376)       |
| Samsung | MB-SG32D                  | (2376)       |
| Samsung | MB-SP16D                  | (2376)       |
| Samsung | MB-SP32D                  | (2376)       |
| Samsung | MB-SS08D                  | (2376)       |
| Samsung | MB-SS16D                  | (2376)       |
| Samsung | MB-SS32D                  | (2376)       |
| Samsung | S3F4A1HKZZ (ISP-SPGM)     | (138) (9997) |
| Samsung | S3F80J9 (ISP)             | (138)        |
| Samsung | S3F80J9 [SOP28]           | (51)         |
| Samsung | S3F80J9 [SOP32]           | (3363)       |
| Samsung | S3F80JB (ISP)             | (138)        |
| Samsung | S3F80JB [QFP44]           | (108)        |
| Samsung | S3F80JB [SOP32]           | (3363)       |
| Samsung | S3F80K5 [SDIP24]          | (175)        |
| Samsung | S3F80K5 [SOP24]           | (1062)       |
| Samsung | S3F80K9 (ISP)             | (138)        |
| Samsung | S3F80K9 [QFP44]           | (108)        |
| Samsung | S3F80K9 [SOP28]           | (51)         |
| Samsung | S3F80K9 [SOP32]           | (3363)       |
| Samsung | S3F80KB (ISP)             | (138)        |
| Samsung | S3F80KB [QFP44]           | (108)        |
| Samsung | S3F80KB [SOP32]           | (3363)       |
| Samsung | S3F80L4 [SDIP32]          | (175)        |
| Samsung | S3F80L4 [SOP28]           | (51)         |
| Samsung | S3F80L4 [SOP32]           | (3363)       |
| Samsung | S3F80M4 [DIP16]           |              |
| Samsung | S3F80M4 [DIP20]           |              |
| Samsung | S3F80M4 [SOP16]           | (1060)       |
| Samsung | S3F80M4 [SOP20]           | (119)        |
| Samsung | S3F80N8 [SDIP32]          | (175)        |
| Samsung | S3F80N8 [SOP28]           | (51)         |
| Samsung | S3F80N8 [SOP32]           | (3363)       |

|         |            |            |              |
|---------|------------|------------|--------------|
| Samsung | S3F80P5    | (ISP)      | (138)        |
| Samsung | S3F80P5    | [SOP24]    | (1062)       |
| Samsung | S3F80P9    | (ISP)      | (138)        |
| Samsung | S3F80P9    | [QFP44]    | (108)        |
| Samsung | S3F80PB    | (ISP)      | (138)        |
| Samsung | S3F80PB    | [QFP44]    | (108)        |
| Samsung | S3F8285    | (ISP)      | (138)        |
| Samsung | S3F8285    | [TQFP80]   | (1501)       |
| Samsung | S3F828B    | (ISP)      | (138)        |
| Samsung | S3F828B    | [TQFP80]   | (1501)       |
| Samsung | S3F84B8    |            |              |
| Samsung | S3F84B8    | [SOP20]    | (119)        |
| Samsung | S3F84H5    | [SDIP30]   | (175)        |
| Samsung | S3F84H5    | [SDIP32]   | (175)        |
| Samsung | S3F84H5    | [SOP28]    | (51)         |
| Samsung | S3F84H5    | [SOP32]    | (3363)       |
| Samsung | S3F84I8    | [QFP44]    | (108)        |
| Samsung | S3F84I8    | [SDIP42]   | (164)        |
| Samsung | S3F84I9    | (ISP)      | (138)        |
| Samsung | S3F84I9    | [QFP44]    | (108)        |
| Samsung | S3F84I9    | [SDIP42]   | (164)        |
| Samsung | S3F84K4    | [DIP16]    |              |
| Samsung | S3F84K4    | [DIP20]    |              |
| Samsung | S3F84K4    | [SOP16]    | (1060)       |
| Samsung | S3F84K4    | [SOP20]    | (119)        |
| Samsung | S3F84K4    | [SSOP20]   | (1089)       |
| Samsung | S3F84K4    | [TSSOP16]  | (1088)       |
| Samsung | S3F84NB    | (ISP)      | (138)        |
| Samsung | S3F84NB    | [QFP64]    | (2320)       |
| Samsung | S3F84NB    | [SDIP64]   | (972)        |
| Samsung | S3F84P4    |            |              |
| Samsung | S3F84P4    | [SOP8]     | (950)        |
| Samsung | S3F84Q5    | [SDIP30]   | (175)        |
| Samsung | S3F84Q5    | [SDIP32]   | (175)        |
| Samsung | S3F84Q5    | [SOP28]    | (51)         |
| Samsung | S3F84Q5    | [SOP32]    | (3363)       |
| Samsung | S3F84T5    | [SDIP30]   | (175)        |
| Samsung | S3F84T5    | [SDIP32]   | (175)        |
| Samsung | S3F84T5    | [SOP28]    | (51)         |
| Samsung | S3F84T5    | [SOP32]    | (3363)       |
| Samsung | S3F84U8    | (ISP)      | (138) (9997) |
| Samsung | S3F84U8    | [QFP44]    | (3064)       |
| Samsung | S3F84UA    | (ISP)      | (138) (9997) |
| Samsung | S3F84UA    | [QFP44]    | (3064)       |
| Samsung | S3F8647    | [SDIP32]   | (175)        |
| Samsung | S3F8647    | [SOP32]    | (3363)       |
| Samsung | S3F8S24    |            |              |
| Samsung | S3F8S24    | [SOP20]    | (119)        |
| Samsung | S3F8S24    | [SOP24]    | (1062)       |
| Samsung | S3F8S24    | [SSOP20]   | (1089)       |
| Samsung | S3F8S28    |            |              |
| Samsung | S3F8S28    | [SOP20]    | (119)        |
| Samsung | S3F8S28    | [SOP24]    | (1062)       |
| Samsung | S3F8S28    | [SSOP20]   | (1089)       |
| Samsung | S3F8S28    | [TSSOP24]  | (1090)       |
| Samsung | S3F8S35    | [SDIP32]   | (175)        |
| Samsung | S3F8S35    | [SOP32]    | (3363)       |
| Samsung | S3F8S39    | [SDIP32]   | (175)        |
| Samsung | S3F8S39    | [SOP32]    | (3363)       |
| Samsung | S3F8S45    | [QFP44]    | (3064)       |
| Samsung | S3F8S45    | [SDIP32]   | (175)        |
| Samsung | S3F8S45    | [SDIP42]   | (164)        |
| Samsung | S3F9444    |            |              |
| Samsung | S3F9444    | [SOP8]     | (950)        |
| Samsung | S3F9454    | [DIP16]    |              |
| Samsung | S3F9454    | [DIP20]    |              |
| Samsung | S3F9454    | [SOP20]    | (119)        |
| Samsung | S3F9454B   | [DIP16]    |              |
| Samsung | S3F9454B   | [DIP20]    |              |
| Samsung | S3F9454B   | [SOP16]    | (1060)       |
| Samsung | S3F9454B   | [SOP20]    | (119)        |
| Samsung | S3F9454B   | [SSOP20]   | (1089)       |
| Samsung | S3F9488    | [QFP44]    | (108)        |
| Samsung | S3F9488    | [SDIP32]   | (175)        |
| Samsung | S3F9488    | [SDIP42]   | (164)        |
| Samsung | S3F9488    | [SOP32]    | (3363)       |
| Samsung | S3F9498    | [SDIP30]   | (175)        |
| Samsung | S3F9498    | [SDIP32]   | (175)        |
| Samsung | S3F9498    | [SOP28]    | (51)         |
| Samsung | S3F9498    | [SOP32]    | (3363)       |
| Samsung | S3F94A5    | [QFP44]    | (108)        |
| Samsung | S3F94A5    | [SDIP42]   | (164)        |
| Samsung | S3F94C4    | [DIP20]    |              |
| Samsung | S3F94C4    | [SOP20]    | (119)        |
| Samsung | S3F94C4    | [SSOP20]   | (1089)       |
| Samsung | S3F94C8    | [DIP20]    |              |
| Samsung | S3F94C8    | [SOP20]    | (119)        |
| Samsung | S3F94C8    | [SSOP20]   | (1089)       |
| Samsung | S3FC40D    | (ISP)      | (138)        |
| Samsung | S3FM02G    | (ISP)      | (138) (9997) |
| Samsung | S3FM02GXZF | [ETQFP128] | (3283)       |
| Samsung | S3FM02GXZZ | [ETQFP128] | (3283)       |
| Samsung | S3P7528    | [QFP44]    | (108)        |
| Samsung | S3P7528    | [SDIP42]   | (164)        |
| Samsung | S3P7538    | [SDIP30]   | (175)        |
| Samsung | S3P7538    | [SOP32]    | (3363)       |
| Samsung | S3P8095    | [SDIP32]   | (175)        |
| Samsung | S3P8095    | [SOP32]    | (3363)       |
| Samsung | S3P80A4    | [SDIP24]   | (175)        |
| Samsung | S3P80A5    | [SDIP24]   | (175)        |
| Samsung | S3P80A8    | [SDIP24]   | (175)        |
| Samsung | S3P80B4    | [SDIP24]   | (175)        |
| Samsung | S3P80B5    | [SDIP24]   | (175)        |
| Samsung | S3P80B5    | [SOP24]    | (1062)       |
| Samsung | S3P80B8    | [SDIP24]   | (175)        |
| Samsung | S3P80C5    | [SDIP24]   | (175)        |
| Samsung | S3P80C5    | [SOP24]    | (1062)       |
| Samsung | S3P80E5    |            |              |
| Samsung | S3P80E5    | [SDIP32]   | (175)        |
| Samsung | S3P80E5    | [SOP32]    | (3363)       |
| Samsung | S3P80E7    |            |              |
| Samsung | S3P80E7    | [SDIP32]   | (175)        |
| Samsung | S3P80E7    | [SOP32]    | (3363)       |
| Samsung | S3P80F7    | [QFP44]    | (108)        |
| Samsung | S3P80F7    | [SDIP42]   | (164)        |
| Samsung | S3P80F7    | [SOP32]    | (3363)       |
| Samsung | S3P80F9    | [QFP44]    | (108)        |
| Samsung | S3P80F9    | [SDIP42]   | (164)        |
| Samsung | S3P80F9    | [SOP32]    | (3363)       |
| Samsung | S3P80G7    | [QFP44]    | (108)        |
| Samsung | S3P80G7    | [SDIP42]   | (164)        |
| Samsung | S3P80G7    | [SOP32]    | (3363)       |
| Samsung | S3P80G9    | [QFP44]    | (108)        |
| Samsung | S3P80G9    | [SDIP42]   | (164)        |
| Samsung | S3P80G9    | [SOP32]    | (3363)       |
| Samsung | S3P8245    | [QFP80]    | (2744)       |
| Samsung | S3P8249    | [QFP80]    | (2744)       |
| Samsung | S3P8469    | [SDIP64]   | (972)        |

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|                 |                                 |               |
|-----------------|---------------------------------|---------------|
| SanDisk         | MD2533-d16G-X-P [FBGA115] (DSH) | (1180) (9999) |
| SanDisk         | MD2533-d8G-X-P [FBGA115]        | (1180) (9999) |
| SanDisk         | MD2533-d8G-X-P [FBGA115] (DSH)  | (1180) (9999) |
| SanDisk         | MD2534-d1G-X-P [FBGA115]        | (1179) (9999) |
| SanDisk         | MD2534-d1G-X-P [FBGA115] (DSH)  | (1179) (9999) |
| SanDisk         | MD2534-d2G-X-P [FBGA115]        | (1179) (9999) |
| SanDisk         | MD2534-d2G-X-P [FBGA115] (DSH)  | (1179) (9999) |
| SanDisk         | SDED5-001G-NA [FBGA115]         | (1181) (9999) |
| SanDisk         | SDED5-001G-NA [FBGA115] (DSH)   | (1181) (9999) |
| SanDisk         | SDED5-002G-NC [FBGA115]         | (1180) (9999) |
| SanDisk         | SDED5-002G-NC [FBGA115] (DSH)   | (1180) (9999) |
| SanDisk         | SDED5-004G-NC [FBGA115]         | (1180) (9999) |
| SanDisk         | SDED5-004G-NC [FBGA115] (DSH)   | (1180) (9999) |
| SanDisk         | SDED5-008G-NC [FBGA115]         | (1180) (9999) |
| SanDisk         | SDED5-008G-NC [FBGA115] (DSH)   | (1180) (9999) |
| SanDisk         | SDED5-512M-N9 [FBGA115]         | (1179) (9999) |
| SanDisk         | SDED5-512M-N9 [FBGA115] (DSH)   | (1179) (9999) |
| SanDisk         | SDED7-001G-NT [FBGA115]         | (1180) (9999) |
| SanDisk         | SDED7-001G-NT [FBGA115] (DSH)   | (1180) (9999) |
| SanDisk         | SDED7-002G-NT [FBGA115]         | (1180) (9999) |
| SanDisk         | SDED7-002G-NT [FBGA115] (DSH)   | (1180) (9999) |
| SanDisk         | SDED7-128M-NH [FBGA115]         | (1179) (9999) |
| SanDisk         | SDED7-128M-NH [FBGA115] (DSH)   | (1179) (9999) |
| SanDisk         | SDED7-256M-N9 [FBGA115]         | (1179) (9999) |
| SanDisk         | SDED7-256M-N9 [FBGA115] (DSH)   | (1179) (9999) |
| SanDisk         | SDED7-256M-NH [FBGA115]         | (1179) (9999) |
| SanDisk         | SDED7-256M-NH [FBGA115] (DSH)   | (1179) (9999) |
| SanDisk         | SDED7-512M-NA [FBGA115]         | (1181) (9999) |
| SanDisk         | SDED7-512M-NA [FBGA115] (DSH)   | (1181) (9999) |
| SanDisk         | SDIN2C1-512M [BGA169] (unvfy)   | (2392) (*1)   |
| SanDisk         | SDIN2C2-1G [BGA169] (unvfy)     | (2392) (*1)   |
| SanDisk         | SDIN4C2-16G [FBGA169]           | (2392) (*1)   |
| SanDisk         | SDIN4C2-2G [FBGA169]            | (2392) (*1)   |
| SanDisk         | SDIN4C2-2G-U [FBGA169]          | (2392) (*1)   |
| SanDisk         | SDIN4C2-4G [FBGA169]            | (2392) (*1)   |
| SanDisk         | SDIN4C2-4G-U [FBGA169]          | (2392) (*1)   |
| SanDisk         | SDIN4C2-8G [FBGA169]            | (2392) (*1)   |
| SanDisk         | SDIN4C2-8G-U [FBGA169]          | (2392) (*1)   |
| SanDisk         | SDIN4D1-1G [FBGA153]            | (2578) (*1)   |
| SanDisk         | SDIN4D2-2G [FBGA153]            | (2578) (*1)   |
| SanDisk         | SDIN4E2-16G [FBGA169]           | (2577) (*1)   |
| SanDisk         | SDIN4E2-32G [FBGA169]           | (2577) (*1)   |
| SanDisk         | SDIN5B2-32G [FBGA169]           | (2432)        |
| SanDisk         | SDIN5C1-16G [FBGA169]           | (2392) (*1)   |
| SanDisk         | SDIN5C1-16G-L [FBGA169]         | (2693) (*1)   |
| SanDisk         | SDIN5C1-32G-L [FBGA169]         | (2392) (*1)   |
| SanDisk         | SDIN5C1-4G [FBGA169]            | (2392) (*1)   |
| SanDisk         | SDIN5C1-8G [FBGA169]            | (2392) (*1)   |
| SanDisk         | SDIN5C2-16G [FBGA169]           | (2392) (*1)   |
| SanDisk         | SDIN5C2-16G-L [FBGA169]         | (2693) (*1)   |
| SanDisk         | SDIN5C2-32G [FBGA169]           | (2392) (*1)   |
| SanDisk         | SDIN5C2-32G-L [FBGA169]         | (2392) (*1)   |
| SanDisk         | SDIN5C2-4G [FBGA169]            | (2392) (*1)   |
| SanDisk         | SDIN5C2-64G [FBGA169]           | (2392) (*1)   |
| SanDisk         | SDIN5C2-8G [FBGA169]            | (2392) (*1)   |
| SanDisk         | SDIN5C2-8G-L [FBGA169]          | (2693) (*1)   |
| SanDisk         | SDIN5C4-16G-L [FBGA169]         | (2693) (*1)   |
| SanDisk         | SDIN5C4-32G-L [FBGA169]         | (2392) (*1)   |
| SanDisk         | SDIN5C4-64G [FBGA169]           | (2392) (*1)   |
| SanDisk         | SDIN5C4-8G [FBGA169]            | (2693) (*1)   |
| SanDisk         | SDIN5D1-2G-L [FBGA153]          | (2634) (*1)   |
| SanDisk         | SDIN5D1-4G-L [FBGA153]          | (2634) (*1)   |
| SanDisk         | SDIN5D1-8G-L [FBGA153]          | (2634) (*1)   |
| SanDisk         | SDIN5D2-16G [FBGA153]           | (2578) (*1)   |
| SanDisk         | SDIN5D2-16G-L [FBGA153]         | (2578) (*1)   |
| SanDisk         | SDIN5D2-2G [FBGA153]            | (2578) (*1)   |
| SanDisk         | SDIN5D2-2G-974D [FBGA153]       | (2578) (*1)   |
| SanDisk         | SDIN5D2-4G [FBGA153]            | (2634) (*1)   |
| SanDisk         | SDIN5D2-4G-L [FBGA153]          | (2634) (*1)   |
| SanDisk         | SDIN5D2-8G [FBGA153]            | (2634) (*1)   |
| SanDisk         | SDIN5D2-8G-L [FBGA153]          | (2634) (*1)   |
| SanDisk         | SDIN7CP4-128G [FBGA169]         | (2693) (*1)   |
| SanDisk         | SDIN7DP2-4G [FBGA153]           | (2634) (*1)   |
| SanDisk         | SDIN7DP2-8G [FBGA153]           | (2634) (*1)   |
| SanDisk         | SDIN7DP4-16G [FBGA153]          | (2634) (*1)   |
| SanDisk         | SDIN7DP4-32G [FBGA153]          | (2634) (*1)   |
| SanDisk         | SDIN7DP4-64G [FBGA153]          | (2739) (*1)   |
| SanDisk         | SDIN7DU2-16G [FBGA153]          | (2634) (*1)   |
| SanDisk         | SDIN7DU2-32G [FBGA153]          | (2578) (*1)   |
| SanDisk         | SDIN7DU2-64G [FBGA153]          | (2739) (*1)   |
| SanDisk         | SDIN7DU2-8G [FBGA153]           | (2634) (*1)   |
| SanDisk         | SDIN8CE4-128G [FBGA169]         | (2392) (*1)   |
| SanDisk         | SDIN8DE2-16G [FBGA153]          | (3178) (*1)   |
| SanDisk         | SDIN8DE2-4G [FBGA153]           | (3178) (*1)   |
| SanDisk         | SDIN8DE2-8G [FBGA153]           | (3178) (*1)   |
| SanDisk         | SDIN8DE4-16G [FBGA153]          | (3178) (*1)   |
| SanDisk         | SDIN8DE4-32G [FBGA153]          | (3178) (*1)   |
| SanDisk         | SDIN8DE4-64G [FBGA153]          | (3176) (*1)   |
| SanDisk         | SDIN9DS2-16G [FBGA153]          | (3149) (*1)   |
| SanDisk         | SDIN9DS2-8G [FBGA153]           | (3149) (*1)   |
| SanDisk         | SDINADF4-16G-H [FBGA153]        | (3148) (*1)   |
| SanDisk         | SDINADF4-32G-H [FBGA153]        | (3148) (*1)   |
| SanDisk         | SDINBDA4-32G [FBGA153]          | (3148) (*1)   |
| SanDisk         | SDINBDA4-64G [FBGA153]          | (3148) (*1)   |
| SanDisk         | SDINBDG4-16G [FBGA153]          | (3149) (*1)   |
| SanDisk         | SDINBDG4-16G (LGE_HEAD)         | (3149) (*1)   |
| SanDisk         | SDINBDG4-32G [FBGA153]          | (3148) (*1)   |
| SanDisk         | SDINBDG4-64G [FBGA153]          | (3147) (*1)   |
| SanDisk         | SDINBDG4-8G [FBGA153]           | (3149) (*1)   |
| SanDisk         | SDINBDG4-8G (LGE_HEAD)          | (3149) (*1)   |
| SanDisk         | SDSDQ-002G                      | (2376)        |
| SanDisk         | SDSDQ-004G                      | (2376)        |
| SanDisk         | SDSDQ-008G                      | (2376)        |
| SanDisk         | SDSDQ-016G                      | (2376)        |
| SanDisk         | SDSDQ-032G                      | (2376)        |
| SanDisk         | SDSDQUA-008G                    | (2376)        |
| SanDisk         | SDSDQUA-016G                    | (2376)        |
| SanDisk         | SDSDQUA-032G                    | (2376)        |
| SanDisk         | SDSDU-008G                      | (2376)        |
| SanDisk         | SDSDU-016G                      | (2376)        |
| SanDisk         | SDSDU-032G                      | (2376)        |
| Sanken Electric | SX68201M [SOIC36]               | (4420)        |
| Sanken Electric | SX68202M [SOIC36]               | (4420)        |
| Sanken Electric | SX68203M [SOIC36]               | (4420)        |
| Sanken Electric | SX68205M [SOIC36]               | (4420)        |
| Sanyo           | 24C01A                          |               |
| Sanyo           | 24C01A (ISP)                    | (138)         |
| Sanyo           | LE24512 (ISP)                   | (138)         |
| Sanyo           | LE24512 [VSON8K]                | (2995)        |
| Sanyo           | LE24C0221 (ISP)                 | (138)         |
| Sanyo           | LE24C0221 [MFP8]                | (1313)        |
| Sanyo           | LE24C0221 [MSOP8]               | (605)         |
| Sanyo           | LE24C023 (ISP)                  | (138)         |
| Sanyo           | LE24C023 [MFP8]                 | (1313)        |
| Sanyo           | LE24C0411                       |               |
| Sanyo           | LE24C0411 (ISP)                 | (138)         |
| Sanyo           | LE24C0411 [MFP8]                | (1313)        |
| Sanyo           | LE24C042                        |               |

|       |             |                        |             |
|-------|-------------|------------------------|-------------|
| Sanyo | LE24C042    | (ISP)                  | (138)       |
| Sanyo | LE24C042    | [MFP8]                 | (1313)      |
| Sanyo | LE24C043    | (ISP)                  | (138)       |
| Sanyo | LE24C043    | [MFP8]                 | (1313)      |
| Sanyo | LE24C043    | [MSOP8]                | (605)       |
| Sanyo | LE24C081    |                        |             |
| Sanyo | LE24C081    | (ISP)                  | (138)       |
| Sanyo | LE24C081    | [MFP8]                 | (1313)      |
| Sanyo | LE24C082    |                        |             |
| Sanyo | LE24C082    | (ISP)                  | (138)       |
| Sanyo | LE24C082    | [MFP8]                 | (1313)      |
| Sanyo | LE24C161    |                        |             |
| Sanyo | LE24C161    | (ISP)                  | (138)       |
| Sanyo | LE24C161    | [MFP8]                 | (1313)      |
| Sanyo | LE24C162    |                        |             |
| Sanyo | LE24C162    | (ISP)                  | (138)       |
| Sanyo | LE24C162    | [MFP8]                 | (1313)      |
| Sanyo | LE24C322    |                        |             |
| Sanyo | LE24C322    | (ISP)                  | (138)       |
| Sanyo | LE24C322    | [MFP8]                 | (1313)      |
| Sanyo | LE24CB1283  | (ISP)                  | (138)       |
| Sanyo | LE24CB1283  | [MFP8]                 | (1313)      |
| Sanyo | LE24CB1283  | [MSOP8]                | (605)       |
| Sanyo | LE24CB2563  | (ISP)                  | (138)       |
| Sanyo | LE24CB2563  | [MFP8]                 | (1313)      |
| Sanyo | LE24CB2563  | [MSOP8]                | (605)       |
| Sanyo | LE24CB5123  | (ISP)                  | (138)       |
| Sanyo | LE24CB5123  | [MFP8]                 | (1313)      |
| Sanyo | LE24CB642   | (ISP)                  | (138)       |
| Sanyo | LE24CB642   | [MFP8]                 | (1313)      |
| Sanyo | LE24CB642   | [MSOP8]                | (605)       |
| Sanyo | LE24CB642   | [SOP8]                 | (950)       |
| Sanyo | LE24CB643   | (ISP)                  | (138)       |
| Sanyo | LE24CB643   | [MFP8]                 | (1313)      |
| Sanyo | LE24CB643   | [MSOP8]                | (605)       |
| Sanyo | LE24CBK22   | [MFP8]                 | (1313)      |
| Sanyo | LE24CBK22   | [MSOP8]                | (605)       |
| Sanyo | LE24CBK23   | [SOP8]                 | (950)       |
| Sanyo | LE24L0221   | (ISP)                  | (138)       |
| Sanyo | LE24L0221   | [MFP8]                 | (1313)      |
| Sanyo | LE24L0221   | [MSOP8]                | (605)       |
| Sanyo | LE24L042    | (ISP)                  | (138)       |
| Sanyo | LE24L043    | (ISP)                  | (138)       |
| Sanyo | LE24L082    | (ISP)                  | (138)       |
| Sanyo | LE24L082    | [MSOP8]                | (605)       |
| Sanyo | LE24L162    | (ISP)                  | (138)       |
| Sanyo | LE24L162    | [MSOP8]                | (605)       |
| Sanyo | LE24L322    | (ISP)                  | (138)       |
| Sanyo | LE24L322    | [MFP8]                 | (1313)      |
| Sanyo | LE24LA162   | (ISP)                  | (138)       |
| Sanyo | LE24LA322   | (ISP)                  | (138)       |
| Sanyo | LE24LA322   | [MFP8]                 | (1313)      |
| Sanyo | LE24LA322   | [MSOP8]                | (605)       |
| Sanyo | LE24LB1283  | (ISP)                  | (138)       |
| Sanyo | LE24LB1283  | [MFP8]                 | (1313)      |
| Sanyo | LE24LB1283  | [MSOP8]                | (605)       |
| Sanyo | LE24LB2563  | (ISP)                  | (138)       |
| Sanyo | LE24LB2563  | [MFP8]                 | (1313)      |
| Sanyo | LE24LB2563  | [MSOP8]                | (605)       |
| Sanyo | LE24LB5123  | (ISP)                  | (138)       |
| Sanyo | LE24LB5123  | [MFP8]                 | (1313)      |
| Sanyo | LE24LB642   | (ISP)                  | (138)       |
| Sanyo | LE24LB642   | [MFP8]                 | (1313)      |
| Sanyo | LE25CA322   | (ISP)                  | (138)       |
| Sanyo | LE25CA322   | [MFP8]                 | (1313)      |
| Sanyo | LE25CA322   | [MSOP8]                | (605)       |
| Sanyo | LE25CA322   | [USLP8]                | (4538)      |
| Sanyo | LE25CB1282  | (ISP)                  | (138)       |
| Sanyo | LE25CB1282  | [MFP8]                 | (1313)      |
| Sanyo | LE25CB5122  | (ISP)                  | (138)       |
| Sanyo | LE25CB5122  | [MFP8]                 | (1313)      |
| Sanyo | LE25FS406   | (ISP)                  | (138)       |
| Sanyo | LE25FS406   | [MFP8]                 | (1430)      |
| Sanyo | LE25FS406   | [MSOP8]                | (1430)      |
| Sanyo | LE25FS406   | [SOP8K]                | (3095) (*1) |
| Sanyo | LE25FS406   | [VSON8N]               | (3097) (*1) |
| Sanyo | LE25FU106B  | [MFP8]                 | (1430)      |
| Sanyo | LE25FU106B  | [MSOP8]                | (1430)      |
| Sanyo | LE25FU206   | [MFP8]                 | (1430)      |
| Sanyo | LE25FU206   | [MSOP8]                | (1430)      |
| Sanyo | LE25FU406B  | [MFP8]                 | (1430)      |
| Sanyo | LE25FU406B  | [MSOP8]                | (1430)      |
| Sanyo | LE25FU406B  | [SOP8K]                | (3095) (*1) |
| Sanyo | LE25FU406B  | [VSON8]                | (3097) (*1) |
| Sanyo | LE25FU406C  | (ISP)                  | (138)       |
| Sanyo | LE25FU406C  | [SOP8]                 | (3095) (*1) |
| Sanyo | LE25FU406C  | [SOP8] (Dual I/O)      | (3095) (*1) |
| Sanyo | LE25FU406C  | [VSON8 6x5]            | (3097) (*1) |
| Sanyo | LE25FU406C  | [VSON8 6x5] (Dual I/O) | (3097) (*1) |
| Sanyo | LE25FU426A  | [VSON8]                | (3097) (*1) |
| Sanyo | LE25FV051T  | [MSOP8]                | (1313)      |
| Sanyo | LE25FV055T  | [MSOP8]                | (1313)      |
| Sanyo | LE25FV101T  | [MSOP8]                | (1313)      |
| Sanyo | LE25FV201T  | [MSOP8]                | (1313)      |
| Sanyo | LE25FV401T  | [MSOP8]                | (1313)      |
| Sanyo | LE25FV411T  | [MSOP8]                | (1313)      |
| Sanyo | LE25FV451T  | [TSOP32]               | (56)        |
| Sanyo | LE25FW056   | [MFP8]                 | (1430)      |
| Sanyo | LE25FW106M  | [MSOP8]                | (1430)      |
| Sanyo | LE25FW106M  | [SOIC8]                | (3095) (*1) |
| Sanyo | LE25FW206M  | [MSOP8]                | (1430)      |
| Sanyo | LE25FW206M  | [SOIC8]                | (3095) (*1) |
| Sanyo | LE25FW406M  | [MSOP8]                | (1430)      |
| Sanyo | LE25FW406M  | [SOIC8]                | (3095) (*1) |
| Sanyo | LE25FW806   | [MFP8]                 | (1430)      |
| Sanyo | LE25FW806   | [MSOP8]                | (1430)      |
| Sanyo | LE25LA322   | (ISP)                  | (138)       |
| Sanyo | LE25LA322   | [MFP8]                 | (1313)      |
| Sanyo | LE25LA322   | [MSOP8]                | (605)       |
| Sanyo | LE25LA322   | [USLP8]                | (4538)      |
| Sanyo | LE25LA642   | (ISP)                  | (138)       |
| Sanyo | LE25LB1282  | (ISP)                  | (138)       |
| Sanyo | LE25LB1282  | [MFP8]                 | (1313)      |
| Sanyo | LE25LB1282  | [MSOP8]                | (605)       |
| Sanyo | LE25LB2562  | (ISP)                  | (138)       |
| Sanyo | LE25LB2562  | [MFP8]                 | (1313)      |
| Sanyo | LE25LB642   | (ISP)                  | (138)       |
| Sanyo | LE25LB643   | (ISP)                  | (138)       |
| Sanyo | LE25LB643   | [MFP8]                 | (1313)      |
| Sanyo | LE25LB643   | [MSOP8]                | (605)       |
| Sanyo | LE25U40C    | (ISP)                  | (138)       |
| Sanyo | LE25U40C    | [SOP8]                 | (3095) (*1) |
| Sanyo | LE25U40C    | [SOP8] (Dual I/O)      | (3095) (*1) |
| Sanyo | LE25U40C    | [VSON8 6x5]            | (3097) (*1) |
| Sanyo | LE25U40C    | [VSON8 6x5] (Dual I/O) | (3097) (*1) |
| Sanyo | LE27C2001F  |                        |             |
| Sanyo | LE27C512F   |                        |             |
| Sanyo | LE28C1001DT | [TSOP32]               | (1414)      |

|                   |                         |        |
|-------------------|-------------------------|--------|
| Sanyo             | LE28C1001DTS [TSOP32]   | (1412) |
| Sanyo             | LE28CV1001DT [TSOP32]   | (1414) |
| Sanyo             | LE28CV1001DTS [TSOP32]  | (1412) |
| Sanyo             | LE28CW1001DT [TSOP32]   | (1414) |
| Sanyo             | LE28CW1001DTS [TSOP32]  | (1412) |
| Sanyo             | LE28DW1621T [TSOP48]    | (1346) |
| Sanyo             | LE28DW3212AT [TSOP48]   | (1346) |
| Sanyo             | LE28DW8163T [TSOP48]    | (1346) |
| Sanyo             | LE28F1101T [TSOP40]     | (1365) |
| Sanyo             | LE28F4001ATS [TSOP32]   | (1377) |
| Sanyo             | LE28F4001CTS [TSOP32]   | (1377) |
| Sanyo             | LE28F4001EN [PLCC32]    | (1384) |
| Sanyo             | LE28FU4101 [TSOP48]     | (1346) |
| Sanyo             | LE28FV1101T [TSOP40]    | (1365) |
| Sanyo             | LE28FV4001ATS [TSOP32]  | (1377) |
| Sanyo             | LE28FV4001CTS [TSOP32]  | (1377) |
| Sanyo             | LE28FV4001M [SOP32]     | (98)   |
| Sanyo             | LE28FV4001T [TSOP40]    | (1366) |
| Sanyo             | LE28FV4101 [TSOP48]     | (1346) |
| Sanyo             | LE28FW4101 [TSOP48]     | (1346) |
| Sanyo             | LE28FW8203B [TSOP48]    | (1346) |
| Sanyo             | LE28FW8203T [TSOP48]    | (1346) |
| Scenix            | SX18AC old rev          |        |
| Scenix            | SX18AC old rev [SOIC18] | (1061) |
| Scenix            | SX18AC rev A            |        |
| Scenix            | SX18AC rev A [SOIC18]   | (1061) |
| Scenix            | SX20AC old r. [SSOP20]  | (91)   |
| Scenix            | SX20AC rev A (ISP)      | (138)  |
| Scenix            | SX20AC rev A [SSOP20]   | (91)   |
| Scenix            | SX28AC old r. [SSOP28]  | (1103) |
| Scenix            | SX28AC old rev          |        |
| Scenix            | SX28AC old rev [SOIC28] | (51)   |
| Scenix            | SX28AC rev A            |        |
| Scenix            | SX28AC rev A (ISP)      | (138)  |
| Scenix            | SX28AC rev A [SOIC28]   | (51)   |
| Scenix            | SX28AC rev A [SSOP28]   | (1103) |
| Scenix            | SX48BD rev A (ISP)      | (138)  |
| Scenix            | SX48BD rev A [TQFP48]   | (174)  |
| Scenix            | SX52BD rev A (ISP)      | (138)  |
| Scenix            | SX52BD rev A [PQFP52]   | (538)  |
| SEEQ              | 2816A/H                 |        |
| SEEQ              | 2816A/H [PLCC32]        | (59)   |
| SEEQ              | 2864/H                  |        |
| SEEQ              | 2864/H [PLCC32]         | (59)   |
| SEEQ              | 28C010/H                |        |
| SEEQ              | 28C256                  |        |
| SEEQ              | 28C256 [PLCC32]         | (59)   |
| SEEQ              | 28C256A/H               |        |
| SEEQ              | 28C256A/H [PLCC32]      | (59)   |
| SEEQ              | 28C64                   |        |
| SEEQ              | 28C64 [PLCC32]          | (59)   |
| SEEQ              | 28HC64/H                |        |
| SEEQ              | 28HC64/H [PLCC32]       | (59)   |
| SEEQ              | 52B13                   |        |
| SEEQ              | 52B23                   |        |
| SEEQ              | 52B33                   |        |
| SEEQ              | 52B33 [PLCC32]          | (59)   |
| SEEQ              | 5516A/H                 |        |
| SEEQ              | 5516A/H [PLCC32]        | (59)   |
| SEEQ              | 82005                   |        |
| SEEQ              | 82025                   |        |
| SEEQ              | 82063                   |        |
| SEEQ              | 86063                   |        |
| SEEQ              | DQ27128                 |        |
| SEEQ              | DQ27256                 |        |
| SEEQ              | DQ2764                  |        |
| SEEQ              | DQ27C256                |        |
| SEEQ              | DQ2804A                 |        |
| SEEQ              | DQ2817A                 |        |
| SEEQ              | DQ2817A [PLCC32]        | (59)   |
| SEEQ              | LE27C256 [LCC32]        | (561)  |
| SEEQ              | PE2913A                 |        |
| SEEQ              | PE2913A (ISP)           | (138)  |
| SEEQ              | PE2913C                 |        |
| SEEQ              | PE2913C (ISP)           | (138)  |
| SEEQ              | PE2914A                 |        |
| SEEQ              | PE2914A (ISP)           | (138)  |
| SEEQ              | SE2913A (ISP)           | (138)  |
| SEEQ              | SE2913A [SOIC8]         | (950)  |
| SEEQ              | SE2913C (ISP)           | (138)  |
| SEEQ              | SE2913C [SOIC8]         | (950)  |
| Seiko Instruments | S-2100R                 |        |
| Seiko Instruments | S-2100R [SOIC8]         | (950)  |
| Seiko Instruments | S-22H10                 |        |
| Seiko Instruments | S-22H10 [SOP18]         | (98)   |
| Seiko Instruments | S-22H12                 |        |
| Seiko Instruments | S-22H12 [SOP18]         | (98)   |
| Seiko Instruments | S-22S10                 |        |
| Seiko Instruments | S-22S10 [SOP18]         | (98)   |
| Seiko Instruments | S-22S12                 |        |
| Seiko Instruments | S-22S12 [SOP18]         | (98)   |
| Seiko Instruments | S-2430                  |        |
| Seiko Instruments | S-2444                  |        |
| Seiko Instruments | S-2445                  |        |
| Seiko Instruments | S-2445F [SOIC8]         | (950)  |
| Seiko Instruments | S-2445IF [SOIC8]        | (950)  |
| Seiko Instruments | S-24C01A                |        |
| Seiko Instruments | S-24C01A (ISP)          | (138)  |
| Seiko Instruments | S-24C01A [SOIC8]        | (950)  |
| Seiko Instruments | S-24C01B                |        |
| Seiko Instruments | S-24C01B (ISP)          | (138)  |
| Seiko Instruments | S-24C01B [MSOP8]        | (714)  |
| Seiko Instruments | S-24C01B [SOIC8]        | (950)  |
| Seiko Instruments | S-24C01C (ISP)          | (138)  |
| Seiko Instruments | S-24C01C [SNT-8A]       | (2411) |
| Seiko Instruments | S-24C01C [SOP8]         | (950)  |
| Seiko Instruments | S-24C01C [TMSOP8]       | (714)  |
| Seiko Instruments | S-24C01C [TSSOP8]       | (121)  |
| Seiko Instruments | S-24C02A                |        |
| Seiko Instruments | S-24C02A (ISP)          | (138)  |
| Seiko Instruments | S-24C02A [SOIC8]        | (950)  |
| Seiko Instruments | S-24C02B                |        |
| Seiko Instruments | S-24C02B (ISP)          | (138)  |
| Seiko Instruments | S-24C02B [MSOP8]        | (714)  |
| Seiko Instruments | S-24C02B [SNT-8A]       | (2411) |
| Seiko Instruments | S-24C02B [SOIC8]        | (950)  |
| Seiko Instruments | S-24C02C (ISP)          | (138)  |
| Seiko Instruments | S-24C02C [SNT-8A]       | (2411) |
| Seiko Instruments | S-24C02C [SOP8]         | (950)  |
| Seiko Instruments | S-24C02C [TMSOP8]       | (714)  |
| Seiko Instruments | S-24C02C [TSSOP8]       | (121)  |
| Seiko Instruments | S-24C02D (ISP)          | (138)  |
| Seiko Instruments | S-24C02D [DFN8]         | (4538) |
| Seiko Instruments | S-24C02D [SNT-8A]       | (2411) |
| Seiko Instruments | S-24C02D [SOP8]         | (950)  |
| Seiko Instruments | S-24C02D [SOT23-5]      | (523)  |
| Seiko Instruments | S-24C02D [TMSOP8]       | (714)  |
| Seiko Instruments | S-24C02D [TSSOP8]       | (121)  |

|                   |                      |        |
|-------------------|----------------------|--------|
| Seiko Instruments | S-24C04A             |        |
| Seiko Instruments | S-24C04A (ISP)       | (138)  |
| Seiko Instruments | S-24C04A [SOIC8]     | (950)  |
| Seiko Instruments | S-24C04B             |        |
| Seiko Instruments | S-24C04B (ISP)       | (138)  |
| Seiko Instruments | S-24C04B [MSOP8]     | (714)  |
| Seiko Instruments | S-24C04B [SOIC8]     | (950)  |
| Seiko Instruments | S-24C04C (ISP)       | (138)  |
| Seiko Instruments | S-24C04C [SNT-8A]    | (2411) |
| Seiko Instruments | S-24C04C [SOP8]      | (950)  |
| Seiko Instruments | S-24C04C [TMSOP8]    | (714)  |
| Seiko Instruments | S-24C04C [TSSOP8]    | (121)  |
| Seiko Instruments | S-24C04D (ISP)       | (138)  |
| Seiko Instruments | S-24C04D [DFN8]      | (4538) |
| Seiko Instruments | S-24C04D [SNT-8A]    | (2411) |
| Seiko Instruments | S-24C04D [SOP8]      | (950)  |
| Seiko Instruments | S-24C04D [SOT23-5]   | (523)  |
| Seiko Instruments | S-24C04D [TMSOP8]    | (714)  |
| Seiko Instruments | S-24C04D [TSSOP8]    | (121)  |
| Seiko Instruments | S-24C08A             |        |
| Seiko Instruments | S-24C08A (ISP)       | (138)  |
| Seiko Instruments | S-24C08A [SOIC8]     | (950)  |
| Seiko Instruments | S-24C08C (ISP)       | (138)  |
| Seiko Instruments | S-24C08C [SNT-8A]    | (2411) |
| Seiko Instruments | S-24C08C [SOP8]      | (950)  |
| Seiko Instruments | S-24C08C [TMSOP8]    | (714)  |
| Seiko Instruments | S-24C08C [TSSOP8]    | (121)  |
| Seiko Instruments | S-24C08D (ISP)       | (138)  |
| Seiko Instruments | S-24C08D [DFN8]      | (4538) |
| Seiko Instruments | S-24C08D [SNT-8A]    | (2411) |
| Seiko Instruments | S-24C08D [SOP8]      | (950)  |
| Seiko Instruments | S-24C08D [SOT23-5]   | (523)  |
| Seiko Instruments | S-24C08D [TMSOP8]    | (714)  |
| Seiko Instruments | S-24C08D [TSSOP8]    | (121)  |
| Seiko Instruments | S-24C128C (ISP)      | (138)  |
| Seiko Instruments | S-24C128C [SOP8]     | (950)  |
| Seiko Instruments | S-24C128C [TSSOP8]   | (121)  |
| Seiko Instruments | S-24C16A             |        |
| Seiko Instruments | S-24C16A (ISP)       | (138)  |
| Seiko Instruments | S-24C16A [SOIC8]     | (950)  |
| Seiko Instruments | S-24C16C (ISP)       | (138)  |
| Seiko Instruments | S-24C16C [SNT-8A]    | (2411) |
| Seiko Instruments | S-24C16C [SOP8]      | (950)  |
| Seiko Instruments | S-24C16C [TMSOP8]    | (714)  |
| Seiko Instruments | S-24C16C [TSSOP8]    | (121)  |
| Seiko Instruments | S-24C16D (ISP)       | (138)  |
| Seiko Instruments | S-24C16D [DFN8-2030] | (4538) |
| Seiko Instruments | S-24C16D [SNT-8A]    | (2411) |
| Seiko Instruments | S-24C16D [SOP8]      | (950)  |
| Seiko Instruments | S-24C16D [SOT23-5]   | (523)  |
| Seiko Instruments | S-24C16D [TMSOP8]    | (714)  |
| Seiko Instruments | S-24C16D [TSSOP8]    | (121)  |
| Seiko Instruments | S-24C256C (ISP)      | (138)  |
| Seiko Instruments | S-24C256C [SOP8]     | (950)  |
| Seiko Instruments | S-24C256C [TSSOP8]   | (121)  |
| Seiko Instruments | S-24C32C (ISP)       | (138)  |
| Seiko Instruments | S-24C32C [SNT-8A]    | (2411) |
| Seiko Instruments | S-24C32C [SOP8]      | (950)  |
| Seiko Instruments | S-24C32C [TMSOP8]    | (714)  |
| Seiko Instruments | S-24C32C [TSSOP8]    | (121)  |
| Seiko Instruments | S-24C512C (ISP)      | (138)  |
| Seiko Instruments | S-24C512C [SOP8]     | (950)  |
| Seiko Instruments | S-24C512C [TSSOP8]   | (121)  |
| Seiko Instruments | S-24C64C (ISP)       | (138)  |
| Seiko Instruments | S-24C64C [SOP8]      | (950)  |
| Seiko Instruments | S-24C64C [TMSOP8]    | (714)  |
| Seiko Instruments | S-24C64C [TSSOP8]    | (121)  |
| Seiko Instruments | S-24CC02A (ISP)      | (138)  |
| Seiko Instruments | S-24CC02A [SOP8]     | (950)  |
| Seiko Instruments | S-24CM01C (ISP)      | (138)  |
| Seiko Instruments | S-24CM01C [SOP8]     | (950)  |
| Seiko Instruments | S-24CS01A            |        |
| Seiko Instruments | S-24CS01A (ISP)      | (138)  |
| Seiko Instruments | S-24CS01A [SNT-8A]   | (2411) |
| Seiko Instruments | S-24CS01A [SOIC8]    | (950)  |
| Seiko Instruments | S-24CS01A [TSSOP8]   | (121)  |
| Seiko Instruments | S-24CS02A            |        |
| Seiko Instruments | S-24CS02A (ISP)      | (138)  |
| Seiko Instruments | S-24CS02A [SNT-8A]   | (2411) |
| Seiko Instruments | S-24CS02A [SOIC8]    | (950)  |
| Seiko Instruments | S-24CS02A [TSSOP8]   | (121)  |
| Seiko Instruments | S-24CS04A            |        |
| Seiko Instruments | S-24CS04A (ISP)      | (138)  |
| Seiko Instruments | S-24CS04A [SNT-8A]   | (2411) |
| Seiko Instruments | S-24CS04A [SOIC8]    | (950)  |
| Seiko Instruments | S-24CS04A [TSSOP8]   | (121)  |
| Seiko Instruments | S-24CS08A            |        |
| Seiko Instruments | S-24CS08A (ISP)      | (138)  |
| Seiko Instruments | S-24CS08A [SOIC8]    | (950)  |
| Seiko Instruments | S-24CS08A [TSSOP8]   | (121)  |
| Seiko Instruments | S-24CS16A            |        |
| Seiko Instruments | S-24CS16A (ISP)      | (138)  |
| Seiko Instruments | S-24CS16A [SNT-8A]   | (2411) |
| Seiko Instruments | S-24CS16A [SOIC8]    | (950)  |
| Seiko Instruments | S-24CS16A [TSSOP8]   | (121)  |
| Seiko Instruments | S-24CS64A (ISP)      | (138)  |
| Seiko Instruments | S-24CS64A [SOIC8]    | (950)  |
| Seiko Instruments | S-24CS64A [TSSOP8]   | (121)  |
| Seiko Instruments | S-24CS64A [WLP-8C]   | (782)  |
| Seiko Instruments | S-24H30              |        |
| Seiko Instruments | S-24H30F [SOIC8]     | (950)  |
| Seiko Instruments | S-24H30IF [SOIC8]    | (950)  |
| Seiko Instruments | S-24H45              |        |
| Seiko Instruments | S-24H45F [SOIC8]     | (950)  |
| Seiko Instruments | S-24H45IF [SOIC8]    | (950)  |
| Seiko Instruments | S-24S30              |        |
| Seiko Instruments | S-24S30F [SOIC8]     | (950)  |
| Seiko Instruments | S-24S30IF [SOIC8]    | (950)  |
| Seiko Instruments | S-24S45              |        |
| Seiko Instruments | S-24S45F [SOIC8]     | (950)  |
| Seiko Instruments | S-24S45IF [SOIC8]    | (950)  |
| Seiko Instruments | S-25A010A (ISP)      | (138)  |
| Seiko Instruments | S-25A010A [SOP8]     | (950)  |
| Seiko Instruments | S-25A010A [TMSOP8]   | (714)  |
| Seiko Instruments | S-25A010A [TSSOP8]   | (121)  |
| Seiko Instruments | S-25A020A (ISP)      | (138)  |
| Seiko Instruments | S-25A020A [SOP8]     | (950)  |
| Seiko Instruments | S-25A020A [TMSOP8]   | (714)  |
| Seiko Instruments | S-25A020A [TSSOP8]   | (121)  |
| Seiko Instruments | S-25A040A (ISP)      | (138)  |
| Seiko Instruments | S-25A040A [SOP8]     | (950)  |
| Seiko Instruments | S-25A040A [TMSOP8]   | (714)  |
| Seiko Instruments | S-25A040A [TSSOP8]   | (121)  |
| Seiko Instruments | S-25A080A (ISP)      | (138)  |
| Seiko Instruments | S-25A080A [SOP8]     | (950)  |
| Seiko Instruments | S-25A080A [TSSOP8]   | (121)  |
| Seiko Instruments | S-25A080B (ISP)      | (138)  |
| Seiko Instruments | S-25A080B [SOP8]     | (950)  |



|                   |             |              |        |
|-------------------|-------------|--------------|--------|
| Seiko Instruments | S-25A080B   | [TMSOP8]     | (714)  |
| Seiko Instruments | S-25A080B   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25A128B   | [ISP]        | (138)  |
| Seiko Instruments | S-25A128B   | [SOP8]       | (950)  |
| Seiko Instruments | S-25A128B   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25A160A   | [ISP]        | (138)  |
| Seiko Instruments | S-25A160A   | [SOP8]       | (950)  |
| Seiko Instruments | S-25A160A   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25A160B   | [ISP]        | (138)  |
| Seiko Instruments | S-25A160B   | [SOP8]       | (950)  |
| Seiko Instruments | S-25A160B   | [TMSOP8]     | (714)  |
| Seiko Instruments | S-25A160B   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25A256B   | [ISP]        | (138)  |
| Seiko Instruments | S-25A256B   | [SOP8]       | (950)  |
| Seiko Instruments | S-25A320A   | [ISP]        | (138)  |
| Seiko Instruments | S-25A320A   | [SOP8]       | (950)  |
| Seiko Instruments | S-25A320B   | [ISP]        | (138)  |
| Seiko Instruments | S-25A320B   | [SOP8]       | (950)  |
| Seiko Instruments | S-25A320B   | [TMSOP8]     | (714)  |
| Seiko Instruments | S-25A320B   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25A640A   | [ISP]        | (138)  |
| Seiko Instruments | S-25A640A   | [SOP8]       | (950)  |
| Seiko Instruments | S-25A640B   | [ISP]        | (138)  |
| Seiko Instruments | S-25A640B   | [SOP8]       | (950)  |
| Seiko Instruments | S-25A640B   | [TMSOP8]     | (714)  |
| Seiko Instruments | S-25A640B   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25C010A   | [ISP]        | (138)  |
| Seiko Instruments | S-25C010A   | [SNT-8A]     | (2411) |
| Seiko Instruments | S-25C010A   | [SOIC8]      | (950)  |
| Seiko Instruments | S-25C010A   | [TMSOP8]     | (714)  |
| Seiko Instruments | S-25C010A   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25C020A   | [ISP]        | (138)  |
| Seiko Instruments | S-25C020A   | [SNT-8A]     | (2411) |
| Seiko Instruments | S-25C020A   | [SOIC8]      | (950)  |
| Seiko Instruments | S-25C020A   | [TMSOP8]     | (714)  |
| Seiko Instruments | S-25C020A   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25C040A   | [ISP]        | (138)  |
| Seiko Instruments | S-25C040A   | [SNT-8A]     | (2411) |
| Seiko Instruments | S-25C040A   | [SOIC8]      | (950)  |
| Seiko Instruments | S-25C040A   | [TMSOP8]     | (714)  |
| Seiko Instruments | S-25C040A   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25C080A   | [ISP]        | (138)  |
| Seiko Instruments | S-25C080A   | [SNT-8A]     | (2411) |
| Seiko Instruments | S-25C080A   | [SOIC8]      | (950)  |
| Seiko Instruments | S-25C080A   | [TMSOP8]     | (714)  |
| Seiko Instruments | S-25C080A   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25C128A   | [ISP]        | (138)  |
| Seiko Instruments | S-25C128A   | [SOP8]       | (950)  |
| Seiko Instruments | S-25C128A   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25C160A   | [ISP]        | (138)  |
| Seiko Instruments | S-25C160A   | [SOP8]       | (950)  |
| Seiko Instruments | S-25C160A   | [TMSOP8]     | (714)  |
| Seiko Instruments | S-25C160A   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25C256A   | [ISP]        | (138)  |
| Seiko Instruments | S-25C256A   | [SOP8]       | (950)  |
| Seiko Instruments | S-25C256A   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25C320A   | [ISP]        | (138)  |
| Seiko Instruments | S-25C320A   | [SNT-8A]     | (2411) |
| Seiko Instruments | S-25C320A   | [SOP8]       | (950)  |
| Seiko Instruments | S-25C320A   | [TMSOP8]     | (714)  |
| Seiko Instruments | S-25C320A   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25C512A   | [ISP]        | (138)  |
| Seiko Instruments | S-25C512A   | [SOP8]       | (950)  |
| Seiko Instruments | S-25C512A   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25C640A   | [ISP]        | (138)  |
| Seiko Instruments | S-25C640A   | [SOP8]       | (950)  |
| Seiko Instruments | S-25C640A   | [TMSOP8]     | (714)  |
| Seiko Instruments | S-25C640A   | [TSSOP8]     | (121)  |
| Seiko Instruments | S-25CM01A   | [ISP]        | (138)  |
| Seiko Instruments | S-25CM01A   | [SOP8]       | (950)  |
| Seiko Instruments | S-2812A     |              |        |
| Seiko Instruments | S-2812A     | [SOP28]      | (53)   |
| Seiko Instruments | S-2817A     |              |        |
| Seiko Instruments | S-2817A     | [SOP28]      | (53)   |
| Seiko Instruments | S-2860B     |              |        |
| Seiko Instruments | S-2860B     | [SOP28]      | (53)   |
| Seiko Instruments | S-2864B     |              |        |
| Seiko Instruments | S-2864B     | [SOP28]      | (53)   |
| Seiko Instruments | S-2900A     |              |        |
| Seiko Instruments | S-2900A     | [SOIC8]      | (950)  |
| Seiko Instruments | S-2911      |              |        |
| Seiko Instruments | S-29130A    | [ISP]        | (138)  |
| Seiko Instruments | S-29130AD   |              |        |
| Seiko Instruments | S-29130ADFJ | [SOIC8]      | (950)  |
| Seiko Instruments | S-29130AFJ  | [SOIC8]      | (950)  |
| Seiko Instruments | S-29131A    | [ISP]        | (138)  |
| Seiko Instruments | S-29131AD   |              |        |
| Seiko Instruments | S-29131AFJ  | [SOIC8]      | (950)  |
| Seiko Instruments | S-2914      |              |        |
| Seiko Instruments | S-2914A     |              |        |
| Seiko Instruments | S-2914A     | [SOIC8]      | (950)  |
| Seiko Instruments | S-2914R     | (x16)        |        |
| Seiko Instruments | S-2914R     | (x16) [SOP8] | (46)   |
| Seiko Instruments | S-2914R     | (x8)         |        |
| Seiko Instruments | S-2914R     | (x8) [SOP8]  | (46)   |
| Seiko Instruments | S-2917      |              |        |
| Seiko Instruments | S-2917      | [SOIC8]      | (950)  |
| Seiko Instruments | S-29190ADP  |              |        |
| Seiko Instruments | S-29190AFJ  | [SOIC8]      | (950)  |
| Seiko Instruments | S-29191A    |              |        |
| Seiko Instruments | S-29191A    | [SOP8]       | (950)  |
| Seiko Instruments | S-29194ADP  |              |        |
| Seiko Instruments | S-29194AFJ  | [SOIC8]      | (950)  |
| Seiko Instruments | S-2921      |              |        |
| Seiko Instruments | S-2921      | [SOIC8]      | (950)  |
| Seiko Instruments | S-29220A    | [ISP]        | (138)  |
| Seiko Instruments | S-29220AD   |              |        |
| Seiko Instruments | S-29220ADFJ | [SOIC8]      | (950)  |
| Seiko Instruments | S-29220AFJ  | [SOIC8]      | (950)  |
| Seiko Instruments | S-29221A    | [ISP]        | (138)  |
| Seiko Instruments | S-29221AD   |              |        |
| Seiko Instruments | S-29221AFJ  | [SOIC8]      | (950)  |
| Seiko Instruments | S-29230A    | [ISP]        | (138)  |
| Seiko Instruments | S-29230AD   |              |        |
| Seiko Instruments | S-29230AFJ  | [SOIC8]      | (950)  |
| Seiko Instruments | S-29231AD   |              |        |
| Seiko Instruments | S-29231AFJ  | [SOIC8]      | (950)  |
| Seiko Instruments | S-2924      |              |        |
| Seiko Instruments | S-2924      | [SOIC8]      | (950)  |
| Seiko Instruments | S-29255AD   |              |        |
| Seiko Instruments | S-29255AF   | [SOIC8]      | (950)  |
| Seiko Instruments | S-29290ADP  |              |        |
| Seiko Instruments | S-29290AFJ  | [SOIC8]      | (950)  |
| Seiko Instruments | S-29291A    |              |        |
| Seiko Instruments | S-29291A    | [SOP8]       | (950)  |
| Seiko Instruments | S-29294ADP  |              |        |
| Seiko Instruments | S-29294AFJ  | [SOIC8]      | (950)  |
| Seiko Instruments | S-29330A    | [ISP]        | (138)  |

|                   |                      |        |
|-------------------|----------------------|--------|
| Seiko Instruments | S-29330AD            |        |
| Seiko Instruments | S-29330ADFJ [SOIC8]  | (950)  |
| Seiko Instruments | S-29330AFJ [SOIC8]   | (950)  |
| Seiko Instruments | S-29331AD            |        |
| Seiko Instruments | S-29331AFJ [SOIC8]   | (950)  |
| Seiko Instruments | S-29355AD            |        |
| Seiko Instruments | S-29355AF [SOIC8]    | (950)  |
| Seiko Instruments | S-29390ADP           |        |
| Seiko Instruments | S-29390AFJ [SOIC8]   | (950)  |
| Seiko Instruments | S-29391A             |        |
| Seiko Instruments | S-29391A [SOP8]      | (950)  |
| Seiko Instruments | S-29394ADP           |        |
| Seiko Instruments | S-29394AFJ [SOIC8]   | (950)  |
| Seiko Instruments | S-2940               |        |
| Seiko Instruments | S-2940 (ISP)         | (138)  |
| Seiko Instruments | S-2940 [SOIC8]       | (950)  |
| Seiko Instruments | S-29430A (ISP)       | (138)  |
| Seiko Instruments | S-29430AD            |        |
| Seiko Instruments | S-29430AFE [SOIC8]   | (950)  |
| Seiko Instruments | S-29430AFJ [SOIC8]   | (950)  |
| Seiko Instruments | S-29530A (ISP)       | (138)  |
| Seiko Instruments | S-29530AD            |        |
| Seiko Instruments | S-29530ADFJ [SOIC8]  | (950)  |
| Seiko Instruments | S-29590AD            |        |
| Seiko Instruments | S-29590AD [SOIC8]    | (950)  |
| Seiko Instruments | S-29630A (ISP)       | (138)  |
| Seiko Instruments | S-29630AD            |        |
| Seiko Instruments | S-29630ADFJ [SOIC8]  | (950)  |
| Seiko Instruments | S-29690AD            |        |
| Seiko Instruments | S-29690AD [SOIC8]    | (950)  |
| Seiko Instruments | S-29L130A (ISP)      | (138)  |
| Seiko Instruments | S-29L130AD           |        |
| Seiko Instruments | S-29L130ADFE [SOIC8] | (950)  |
| Seiko Instruments | S-29L130AFE [SOIC8]  | (950)  |
| Seiko Instruments | S-29L130AFJ [SOIC8]  | (950)  |
| Seiko Instruments | S-29L130AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-29L131AD           |        |
| Seiko Instruments | S-29L131ADFE [SOIC8] | (950)  |
| Seiko Instruments | S-29L131AFE [SOIC8]  | (950)  |
| Seiko Instruments | S-29L131AFJ [SOIC8]  | (950)  |
| Seiko Instruments | S-29L131AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-29L194ADFE [SOIC8] | (46)   |
| Seiko Instruments | S-29L194AFS [SSOP8]  | (121)  |
| Seiko Instruments | S-29L220A (ISP)      | (138)  |
| Seiko Instruments | S-29L220AD           |        |
| Seiko Instruments | S-29L220ADFE [SOIC8] | (950)  |
| Seiko Instruments | S-29L220AFE [SOIC8]  | (950)  |
| Seiko Instruments | S-29L220AFJ [SOIC8]  | (950)  |
| Seiko Instruments | S-29L220AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-29L221AD           |        |
| Seiko Instruments | S-29L221ADFE [SOIC8] | (950)  |
| Seiko Instruments | S-29L221AFE [SOIC8]  | (950)  |
| Seiko Instruments | S-29L221AFJ [SOIC8]  | (950)  |
| Seiko Instruments | S-29L221AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-29L230AD           |        |
| Seiko Instruments | S-29L230AFJ [SOIC8]  | (950)  |
| Seiko Instruments | S-29L294ADFE [SOIC8] | (46)   |
| Seiko Instruments | S-29L294AFS [SSOP8]  | (121)  |
| Seiko Instruments | S-29L330A (ISP)      | (138)  |
| Seiko Instruments | S-29L330AD           |        |
| Seiko Instruments | S-29L330ADFE [SOIC8] | (950)  |
| Seiko Instruments | S-29L330AFE [SOIC8]  | (950)  |
| Seiko Instruments | S-29L330AFJ [SOIC8]  | (950)  |
| Seiko Instruments | S-29L330AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-29L331AD           |        |
| Seiko Instruments | S-29L331ADFE [SOIC8] | (950)  |
| Seiko Instruments | S-29L331AFE [SOIC8]  | (950)  |
| Seiko Instruments | S-29L331AFJ [SOIC8]  | (950)  |
| Seiko Instruments | S-29L331AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-29L394ADFE [SOIC8] | (46)   |
| Seiko Instruments | S-29L394AFS [SSOP8]  | (121)  |
| Seiko Instruments | S-29U130A            |        |
| Seiko Instruments | S-29U130ADFE [SOIC8] | (950)  |
| Seiko Instruments | S-29U130AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-29U131A            |        |
| Seiko Instruments | S-29U131ADFE [SOP8]  | (1313) |
| Seiko Instruments | S-29U131AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-29U194 [SOIC8-170] | (1313) |
| Seiko Instruments | S-29U194 [TSSOP8]    | (121)  |
| Seiko Instruments | S-29U220A            |        |
| Seiko Instruments | S-29U220ADFE [SOIC8] | (950)  |
| Seiko Instruments | S-29U220AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-29U221A            |        |
| Seiko Instruments | S-29U221ADFE [SOP8]  | (1313) |
| Seiko Instruments | S-29U221AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-29U294A [SOP8]     | (1313) |
| Seiko Instruments | S-29U294A [SSOP8]    | (121)  |
| Seiko Instruments | S-29U330A            |        |
| Seiko Instruments | S-29U330ADFE [SOIC8] | (950)  |
| Seiko Instruments | S-29U330AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-29U331A            |        |
| Seiko Instruments | S-29U331ADFE [SOP8]  | (1313) |
| Seiko Instruments | S-29U331AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-29U394A [SOP8]     | (1313) |
| Seiko Instruments | S-29U394A [SSOP8]    | (121)  |
| Seiko Instruments | S-29Z330A            |        |
| Seiko Instruments | S-29Z330ADFJ [SOIC8] | (950)  |
| Seiko Instruments | S-29Z330AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-29Z430A            |        |
| Seiko Instruments | S-29Z430ADFJ [SOIC8] | (950)  |
| Seiko Instruments | S-29Z430AFS [TSSOP8] | (121)  |
| Seiko Instruments | S-34C02A (ISP)       | (138)  |
| Seiko Instruments | S-34C02A [PLP-8C]    | (4538) |
| Seiko Instruments | S-34C02A [TSSOP8]    | (121)  |
| Seiko Instruments | S-34C02B (ISP)       | (138)  |
| Seiko Instruments | S-34C02B [DFN8-2030] | (4538) |
| Seiko Instruments | S-34C04A (ISP)       | (138)  |
| Seiko Instruments | S-34C04A [DFN8-2030] | (4538) |
| Seiko Instruments | S-93A46A (ISP)       | (138)  |
| Seiko Instruments | S-93A46A [SOIC8]     | (950)  |
| Seiko Instruments | S-93A46A [TMSOP8]    | (714)  |
| Seiko Instruments | S-93A46A [TSSOP8]    | (121)  |
| Seiko Instruments | S-93A46B (ISP)       | (138)  |
| Seiko Instruments | S-93A46B [HSNT-8]    | (4538) |
| Seiko Instruments | S-93A46B [SOP8]      | (950)  |
| Seiko Instruments | S-93A46B [TMSOP8]    | (714)  |
| Seiko Instruments | S-93A46B [TSSOP8]    | (121)  |
| Seiko Instruments | S-93A56A (ISP)       | (138)  |
| Seiko Instruments | S-93A56A [SOIC8]     | (950)  |
| Seiko Instruments | S-93A56A [TMSOP8]    | (714)  |
| Seiko Instruments | S-93A56A [TSSOP8]    | (121)  |
| Seiko Instruments | S-93A56B (ISP)       | (138)  |
| Seiko Instruments | S-93A56B [HSNT-8]    | (4538) |
| Seiko Instruments | S-93A56B [SOP8]      | (950)  |
| Seiko Instruments | S-93A56B [TMSOP8]    | (714)  |
| Seiko Instruments | S-93A56B [TSSOP8]    | (121)  |
| Seiko Instruments | S-93A66A (ISP)       | (138)  |
| Seiko Instruments | S-93A66A [SOIC8]     | (950)  |

|                   |                      |        |
|-------------------|----------------------|--------|
| Seiko Instruments | S-93A66A [TMSOP8]    | (714)  |
| Seiko Instruments | S-93A66A [TSSOP8]    | (121)  |
| Seiko Instruments | S-93A66B (ISP)       | (138)  |
| Seiko Instruments | S-93A66B [HSNT-8]    | (4538) |
| Seiko Instruments | S-93A66B [SOP8]      | (950)  |
| Seiko Instruments | S-93A66B [TMSOP8]    | (714)  |
| Seiko Instruments | S-93A66B [TSSOP8]    | (121)  |
| Seiko Instruments | S-93A76B (ISP)       | (138)  |
| Seiko Instruments | S-93A76B [HSNT-8]    | (4538) |
| Seiko Instruments | S-93A76B [SOP8]      | (950)  |
| Seiko Instruments | S-93A76B [TMSOP8]    | (714)  |
| Seiko Instruments | S-93A76B [TSSOP8]    | (121)  |
| Seiko Instruments | S-93A86A (ISP)       | (138)  |
| Seiko Instruments | S-93A86A [SOIC8]     | (950)  |
| Seiko Instruments | S-93A86A [TMSOP8]    | (714)  |
| Seiko Instruments | S-93A86B (ISP)       | (138)  |
| Seiko Instruments | S-93A86B [HSNT-8]    | (4538) |
| Seiko Instruments | S-93A86B [SOP8]      | (950)  |
| Seiko Instruments | S-93A86B [TMSOP8]    | (714)  |
| Seiko Instruments | S-93A86B [TSSOP8]    | (121)  |
| Seiko Instruments | S-93C46A (ISP)       | (138)  |
| Seiko Instruments | S-93C46AD            |        |
| Seiko Instruments | S-93C46ADFJ [SOIC8]  | (950)  |
| Seiko Instruments | S-93C46AFJ [SOIC8]   | (950)  |
| Seiko Instruments | S-93C46AFT [TSSOP8]  | (121)  |
| Seiko Instruments | S-93C46AMFN [MSOP8]  | (714)  |
| Seiko Instruments | S-93C46B (ISP)       | (138)  |
| Seiko Instruments | S-93C46B [SNT-8A]    | (2411) |
| Seiko Instruments | S-93C46B [TMSOP8]    | (714)  |
| Seiko Instruments | S-93C46BD            |        |
| Seiko Instruments | S-93C46BD [SOIC8]    | (950)  |
| Seiko Instruments | S-93C46BD [TSSOP8]   | (121)  |
| Seiko Instruments | S-93C46BR [SOIC8]    | (950)  |
| Seiko Instruments | S-93C46C (ISP)       | (138)  |
| Seiko Instruments | S-93C46C [HSNT-8]    | (4538) |
| Seiko Instruments | S-93C46C [SOP8]      | (1313) |
| Seiko Instruments | S-93C46C [TMSOP8]    | (714)  |
| Seiko Instruments | S-93C46C [TSSOP8]    | (121)  |
| Seiko Instruments | S-93C56A (ISP)       | (138)  |
| Seiko Instruments | S-93C56AD            |        |
| Seiko Instruments | S-93C56ADFJ [SOIC8]  | (950)  |
| Seiko Instruments | S-93C56AFJ [SOIC8]   | (950)  |
| Seiko Instruments | S-93C56AFT [TSSOP8]  | (121)  |
| Seiko Instruments | S-93C56AMFN [MSOP8]  | (714)  |
| Seiko Instruments | S-93C56B (ISP)       | (138)  |
| Seiko Instruments | S-93C56B [SNT-8A]    | (2411) |
| Seiko Instruments | S-93C56B [TMSOP8]    | (714)  |
| Seiko Instruments | S-93C56BD            |        |
| Seiko Instruments | S-93C56BD [SOIC8]    | (950)  |
| Seiko Instruments | S-93C56BD [TSSOP8]   | (121)  |
| Seiko Instruments | S-93C56BR [SOIC8]    | (950)  |
| Seiko Instruments | S-93C56C (ISP)       | (138)  |
| Seiko Instruments | S-93C56C [HSNT-8]    | (4538) |
| Seiko Instruments | S-93C56C [SOP8]      | (1313) |
| Seiko Instruments | S-93C56C [TMSOP8]    | (714)  |
| Seiko Instruments | S-93C56C [TSSOP8]    | (121)  |
| Seiko Instruments | S-93C66A (ISP)       | (138)  |
| Seiko Instruments | S-93C66AD            |        |
| Seiko Instruments | S-93C66ADFJ [SOIC8]  | (950)  |
| Seiko Instruments | S-93C66AFJ [SOIC8]   | (950)  |
| Seiko Instruments | S-93C66AFT [TSSOP8]  | (121)  |
| Seiko Instruments | S-93C66AMFN [MSOP8]  | (714)  |
| Seiko Instruments | S-93C66B (ISP)       | (138)  |
| Seiko Instruments | S-93C66B [SNT-8A]    | (2411) |
| Seiko Instruments | S-93C66B [TMSOP8]    | (714)  |
| Seiko Instruments | S-93C66BD            |        |
| Seiko Instruments | S-93C66BD [SOIC8]    | (950)  |
| Seiko Instruments | S-93C66BD [TSSOP8]   | (121)  |
| Seiko Instruments | S-93C66BR [SOIC8]    | (950)  |
| Seiko Instruments | S-93C66C (ISP)       | (138)  |
| Seiko Instruments | S-93C66C [HSNT-8]    | (4538) |
| Seiko Instruments | S-93C66C [SOP8]      | (1313) |
| Seiko Instruments | S-93C66C [TMSOP8]    | (714)  |
| Seiko Instruments | S-93C66C [TSSOP8]    | (121)  |
| Seiko Instruments | S-93C76A             |        |
| Seiko Instruments | S-93C76A (ISP)       | (138)  |
| Seiko Instruments | S-93C76A [SOIC8]     | (950)  |
| Seiko Instruments | S-93C76A [TMSOP8]    | (714)  |
| Seiko Instruments | S-93C76A [TSSOP8]    | (121)  |
| Seiko Instruments | S-93C76C (ISP)       | (138)  |
| Seiko Instruments | S-93C76C [HSNT-8]    | (4538) |
| Seiko Instruments | S-93C76C [SOP8]      | (1313) |
| Seiko Instruments | S-93C76C [TMSOP8]    | (714)  |
| Seiko Instruments | S-93C76C [TSSOP8]    | (121)  |
| Seiko Instruments | S-93C86B (ISP)       | (138)  |
| Seiko Instruments | S-93C86B [SOIC8]     | (950)  |
| Seiko Instruments | S-93C86B [TSSOP8]    | (121)  |
| Seiko Instruments | S-93C86C (ISP)       | (138)  |
| Seiko Instruments | S-93C86C [HSNT-8]    | (4538) |
| Seiko Instruments | S-93C86C [SOP8]      | (1313) |
| Seiko Instruments | S-93C86C [TMSOP8]    | (714)  |
| Seiko Instruments | S-93C86C [TSSOP8]    | (121)  |
| Seiko Instruments | S-93CC46B (ISP)      | (138)  |
| Seiko Instruments | S-93CC46BD [SOP8]    | (950)  |
| Seiko Instruments | S-93CC46BR [SOP8]    | (950)  |
| Seiko Instruments | S-93L46A (ISP)       | (138)  |
| Seiko Instruments | S-93L46A [TMSOP8]    | (714)  |
| Seiko Instruments | S-93L46AD [SOIC8]    | (950)  |
| Seiko Instruments | S-93L46AD [TSSOP8]   | (121)  |
| Seiko Instruments | S-93L46AR [SOIC8]    | (950)  |
| Seiko Instruments | S-93L56A (ISP)       | (138)  |
| Seiko Instruments | S-93L56A [TMSOP8]    | (714)  |
| Seiko Instruments | S-93L56AD [SOIC8]    | (950)  |
| Seiko Instruments | S-93L56AD [TSSOP8]   | (121)  |
| Seiko Instruments | S-93L56AR [SOIC8]    | (950)  |
| Seiko Instruments | S-93L66A (ISP)       | (138)  |
| Seiko Instruments | S-93L66A [TMSOP8]    | (714)  |
| Seiko Instruments | S-93L66AD [SOIC8]    | (950)  |
| Seiko Instruments | S-93L66AD [TSSOP8]   | (121)  |
| Seiko Instruments | S-93L66AR [SOIC8]    | (950)  |
| Seiko Instruments | S-93L76A (ISP)       | (138)  |
| Seiko Instruments | S-93L76A [SOIC8]     | (950)  |
| Seiko Instruments | S-93L76A [TMSOP8]    | (714)  |
| Seiko Instruments | S-93L76A [TSSOP8]    | (121)  |
| Seiko Instruments | S-93S46A (ISP)       | (138)  |
| Seiko Instruments | S-93S46A [SOP8]      | (950)  |
| Seiko Instruments | S-93S56A (ISP)       | (138)  |
| Seiko Instruments | S-93S56A [SOP8]      | (950)  |
| Seiko Instruments | S-93S66A (ISP)       | (138)  |
| Seiko Instruments | S-93S66A [SOP8]      | (950)  |
| Semtech           | XE8801AMI [LQFP44]   | (1543) |
| Semtech           | XE8801MI [LQFP44]    | (1543) |
| Semtech           | XE8805AMI [LQFP64]   | (703)  |
| Semtech           | XE8805MI [LQFP64]    | (703)  |
| Semtech           | XE8806AMI [TQFP32]   | (844)  |
| Semtech           | XE8807AMI [TQFP32]   | (844)  |
| Semtech           | XE88LC01AMI [LQFP44] | (1543) |
| Semtech           | XE88LC01MI [LQFP44]  | (1543) |

|           |                               |        |
|-----------|-------------------------------|--------|
| Semtech   | XE88LC05AMI [LQFP64]          | (703)  |
| Semtech   | XE88LC05MI [LQFP64]           | (703)  |
| Semtech   | XE88LC06AMI [TQFP32]          | (844)  |
| Semtech   | XE88LC07AMI [TQFP32]          | (844)  |
| SGS-Inmos | MK48T02                       |        |
| SGS-Inmos | MK48T08                       |        |
| SGS-Inmos | MK48T12                       |        |
| SGS-Inmos | MK48T18                       |        |
| SGS-Inmos | MK48Z02                       |        |
| SGS-Inmos | MK48Z08                       |        |
| SGS-Inmos | MK48Z09                       |        |
| SGS-Inmos | MK48Z12                       |        |
| SGS-Inmos | MK48Z18                       |        |
| SGS-Inmos | MK48Z19                       |        |
| Sharp     | LH28F002SCHT-L [TSOP40]       | (1369) |
| Sharp     | LH28F002SCN-L [PSOP44]        | (1357) |
| Sharp     | LH28F002SCT-L [TSOP40]        | (1369) |
| Sharp     | LH28F004BVTB [TSOP40]         | (1368) |
| Sharp     | LH28F004BVTT [TSOP40]         | (1368) |
| Sharp     | LH28F004SCHN [PSOP44]         | (1357) |
| Sharp     | LH28F004SCHT [TSOP40]         | (1369) |
| Sharp     | LH28F004SCN [PSOP44]          | (1357) |
| Sharp     | LH28F004SCT [TSOP40]          | (1369) |
| Sharp     | LH28F004SUT-L [TSOP40]        | (1368) |
| Sharp     | LH28F004SUT-N [TSOP40]        | (1368) |
| Sharp     | LH28F008BJT-BT [TSOP40]       | (1368) |
| Sharp     | LH28F008BJT-TTLZB [TSOP40]    | (1368) |
| Sharp     | LH28F008BVT [TSOP40]          | (1368) |
| Sharp     | LH28F008SAHTK [TSOP40]        | (1369) |
| Sharp     | LH28F008SAN [PSOP44]          | (1357) |
| Sharp     | LH28F008SAT [TSOP40]          | (1369) |
| Sharp     | LH28F008SATK [TSOP40]         | (1369) |
| Sharp     | LH28F008SCHN [PSOP44]         | (1357) |
| Sharp     | LH28F008SCHN-V [PSOP44]       | (1357) |
| Sharp     | LH28F008SCHT [TSOP40]         | (1369) |
| Sharp     | LH28F008SCHT-V [TSOP40]       | (1369) |
| Sharp     | LH28F008SCN [PSOP44]          | (1357) |
| Sharp     | LH28F008SCN-V [PSOP44]        | (1357) |
| Sharp     | LH28F008SCR [R-TSOP40]        | (1374) |
| Sharp     | LH28F008SCT [TSOP40]          | (1369) |
| Sharp     | LH28F008SCT-V [TSOP40]        | (1369) |
| Sharp     | LH28F016SAT [TSOP56]          | (1400) |
| Sharp     | LH28F016SCHT [TSOP40]         | (1369) |
| Sharp     | LH28F016SCT [TSOP40]          | (1369) |
| Sharp     | LH28F016SCT-Z4 [TSOP40]       | (1369) |
| Sharp     | LH28F016SUHT [TSOP56]         | (1400) |
| Sharp     | LH28F016SUT [TSOP56]          | (1400) |
| Sharp     | LH28F128BFHB-PBTL [FBGA72]    | (704)  |
| Sharp     | LH28F128BFHB-PTTL [FBGA72]    | (704)  |
| Sharp     | LH28F128BFHED-PWTL [TSOP48]   | (1347) |
| Sharp     | LH28F128BFHED-PWTL2 [TSOP48]  | (1347) |
| Sharp     | LH28F128BFHT-PBLF [TSOP56]    | (1409) |
| Sharp     | LH28F128BFHT-PBTL [TSOP56]    | (1409) |
| Sharp     | LH28F128BFHT-PTLF [TSOP56]    | (1409) |
| Sharp     | LH28F128BFHT-PTTL [TSOP56]    | (1409) |
| Sharp     | LH28F128SPHT [TSOP56]         | (1400) |
| Sharp     | LH28F128SPHTD [TSOP56]        | (1400) |
| Sharp     | LH28F160BGEB [TSOP48]         | (1346) |
| Sharp     | LH28F160BGET [TSOP48]         | (1346) |
| Sharp     | LH28F160BGHEB [TSOP48]        | (1346) |
| Sharp     | LH28F160BGHET [TSOP48]        | (1346) |
| Sharp     | LH28F160BJD-TTL               |        |
| Sharp     | LH28F160BJE-PBTL [TSOP48]     | (1346) |
| Sharp     | LH28F160BJE-PTTL [TSOP48]     | (1346) |
| Sharp     | LH28F160BJHE-PBTL [TSOP48]    | (1346) |
| Sharp     | LH28F160BJHE-PTTL [TSOP48]    | (1346) |
| Sharp     | LH28F160BVE-BTL [TSOP48]      | (1346) |
| Sharp     | LH28F160S3HT [TSOP56]         | (1400) |
| Sharp     | LH28F160S3T [TSOP56]          | (1400) |
| Sharp     | LH28F160S5HT [TSOP56]         | (1400) |
| Sharp     | LH28F160S5T [TSOP56]          | (1400) |
| Sharp     | LH28F256BFHT-PTSLZ6 [TSOP56]  | (1409) |
| Sharp     | LH28F320BFE-PBTL [TSOP48]     | (1346) |
| Sharp     | LH28F320BFHE-PBTL [TSOP48]    | (1346) |
| Sharp     | LH28F320BFHE-PBTLZ2 [TSOP48]  | (1346) |
| Sharp     | LH28F320BFHE-PTTL [TSOP48]    | (1346) |
| Sharp     | LH28F320BFHE-PTTLZ1 [TSOP48]  | (1346) |
| Sharp     | LH28F320BFHG-PBTLZL [CSP48]   | (688)  |
| Sharp     | LH28F320BFN-PTTLZJ [PSOP44]   | (1359) |
| Sharp     | LH28F320BJD-TTL               |        |
| Sharp     | LH28F320BJE-PB [TSOP48]       | (1346) |
| Sharp     | LH28F320BJE-PT [TSOP48]       | (1346) |
| Sharp     | LH28F320BJHE-PB [TSOP48]      | (1346) |
| Sharp     | LH28F320BJHE-PT [TSOP48]      | (1346) |
| Sharp     | LH28F320S3HNS [SSOP56]        | (73)   |
| Sharp     | LH28F320S3NS [SSOP56]         | (73)   |
| Sharp     | LH28F320S5NS [SSOP56]         | (73)   |
| Sharp     | LH28F320SKTD-L70 [TSOP56]     | (2624) |
| Sharp     | LH28F320SKTD-ZR [TSOP56]      | (2624) |
| Sharp     | LH28F400BVN [PSOP44]          | (1356) |
| Sharp     | LH28F400BVXE-B [TSOP48]       | (1346) |
| Sharp     | LH28F400BVXE-T [TSOP48]       | (1346) |
| Sharp     | LH28F400SU [PSOP44]           | (1356) |
| Sharp     | LH28F400SU [TSOP48]           | (1346) |
| Sharp     | LH28F640BFHE-PBTLHGA          | (1346) |
| Sharp     | LH28F640BFHE-PTTL [TSOP48]    | (1346) |
| Sharp     | LH28F640BFHE-PTTLH1A [TSOP48] | (1346) |
| Sharp     | LH28F640BFHG-PBTL [CSP48]     | (1131) |
| Sharp     | LH28F640BFHG-PBTLE7 [CSP48]   | (1256) |
| Sharp     | LH28F640BFHG-PTTL [CSP48]     | (1131) |
| Sharp     | LH28F640BFN-PTTLZ1 [PSOP44]   | (1359) |
| Sharp     | LH28F640BFXE-PBTL [TSOP48]    | (1346) |
| Sharp     | LH28F640BFXE-PTTL [TSOP48]    | (1346) |
| Sharp     | LH28F640SPHT-PLI2A [TSOP56]   | (1400) |
| Sharp     | LH28F640SPHT-PLI2B [TSOP56]   | (1400) |
| Sharp     | LH28F800BGXE-B [TSOP48]       | (1346) |
| Sharp     | LH28F800BGXE-T [TSOP48]       | (1346) |
| Sharp     | LH28F800BJE-PBTL [TSOP48]     | (1346) |
| Sharp     | LH28F800BJE-PTTL [TSOP48]     | (1346) |
| Sharp     | LH28F800BJHE-PBTL [TSOP48]    | (1346) |
| Sharp     | LH28F800BJHE-PTTL [TSOP48]    | (1346) |
| Sharp     | LH28F800BJHG-PBTL [CSP48]     | (1131) |
| Sharp     | LH28F800BJR-PB [R-TSOP48]     | (1352) |
| Sharp     | LH28F800BJR-PT [R-TSOP48]     | (1352) |
| Sharp     | LH28F800BVN [PSOP44]          | (1356) |
| Sharp     | LH28F800BVXE-BTL [TSOP48]     | (1346) |
| Sharp     | LH28F800BVXE-BV [TSOP48]      | (1346) |
| Sharp     | LH28F800BVXE-TTL [TSOP48]     | (1346) |
| Sharp     | LH28F800BVXE-TV [TSOP48]      | (1346) |
| Sharp     | LH28F800SG [PSOP44]           | (1356) |
| Sharp     | LH28F800SG [TSOP48]           | (1346) |
| Sharp     | LH28F800SUT [TSOP56]          | (1400) |
| Sharp     | LH29F640BFHE-PBL [TSOP48]     | (1346) |
| Sharp     | LH5332A00A                    |        |
| Sharp     | LH57126                       |        |
| Sharp     | LH5764                        |        |
| Sharp     | LH5764 [SOIC28]               | (53)   |
| Sharp     | LHF00L01 [TSOP32]             | (1376) |

|         |                                  |           |              |
|---------|----------------------------------|-----------|--------------|
| Sharp   | LHF00L02                         | [TSOP32]  | (1376)       |
| Sharp   | LHF00L03                         | [PLCC32]  | (1384)       |
| Sharp   | LHF00L04                         | [TSOP40]  | (1367)       |
| Sharp   | LHF00L05                         | [TSOP32]  | (1376)       |
| Sharp   | LHF00L06                         | [TSOP40]  | (1367)       |
| Sharp   | LHF00L07                         | [PLCC32]  | (1384)       |
| Sharp   | LHF00L08                         | [CSP48]   | (760)        |
| Sharp   | LHF00L09                         | [CSP48]   | (760)        |
| Sharp   | LHF00L10                         | [CSP48]   | (688)        |
| Sharp   | LHF00L11                         | [CSP48]   | (688)        |
| Sharp   | LHF00L12                         | [TSOP48]  | (1346)       |
| Sharp   | LHF00L13                         | [TSOP48]  | (1346)       |
| Sharp   | LHF00L14                         | [TSOP48]  | (1346)       |
| Sharp   | LHF00L15                         | [TSOP48]  | (1346)       |
| Sharp   | LHF00L24                         | [CSP48]   | (760)        |
| Sharp   | LHF00L25                         | [CSP48]   | (760)        |
| Sharp   | LHF00L28                         | [TSOP48]  | (1346)       |
| Sharp   | LHF00L29                         | [TSOP48]  | (1346)       |
| Sharp   | LHF00L30                         | [TSOP48]  | (1346)       |
| Sharp   | LHF00L31                         | [TSOP48]  | (1346)       |
| Sharp   | LS1331                           | [FBGA72]  | (669)        |
| Sharp   | LS1331B                          | [FBGA72]  | (669)        |
| Sharp   | LS1331C                          | [FBGA72]  | (669)        |
| Sharp   | LS1348B                          | [FBGA72]  | (669)        |
| Sharp   | LS1348E                          | [FBGA72]  | (669)        |
| Sharp   | LS1360C                          | [FBGA72]  | (669)        |
| Sharp   | LS1370                           | [LFBGA72] | (669)        |
| Sharp   | LS1370B                          | [FBGA72]  | (669)        |
| Sharp   | LS1380                           | [FBGA72]  | (669)        |
| Sharp   | LS1380J                          | [LFBGA72] | (669)        |
| Sharp   | LS1381                           | [LFBGA72] | (669)        |
| Sharp   | LS1382                           | [LFBGA72] | (669)        |
| Sharp   | LS1383F                          | [FBGA72]  | (669)        |
| Sharp   | LS1383H                          | [FBGA72]  | (669)        |
| Sharp   | LS1386                           | [LFBGA72] | (669)        |
| Sharp   | LS1387                           | [LFBGA72] | (669)        |
| Sharp   | LS1392                           | [LFBGA72] | (669)        |
| Sharp   | LS1393                           | [LFBGA72] | (669)        |
| Sharp   | LS1393A                          | [LFBGA72] | (669)        |
| Sharp   | LS1395                           | [FBGA72]  | (669)        |
| Sharp   | LS13A1                           | [LFBGA72] | (669)        |
| Sharp   | LS13A2                           | [LFBGA72] | (669)        |
| Sharp   | LS13A3                           | [LFBGA72] | (669)        |
| Sharp   | LS13A4                           | [LFBGA72] | (669)        |
| Sharp   | LS13A5                           | [LFBGA72] | (669)        |
| Sharp   | LS13A6                           | [LFBGA72] | (669)        |
| Sharp   | LS1805A                          | [FBGA72]  | (669)        |
| Sharp   | LS1806A                          | [LFBGA72] | (669)        |
| Sharp   | LS1806C                          | [LFBGA72] | (669)        |
| Sharp   | LS1806F                          | [LFBGA72] | (669)        |
| Sharp   | LS1808A                          | [LFBGA72] | (669)        |
| Sharp   | LS1811                           | [FBGA72]  | (669)        |
| Sharp   | LS1826A                          | [LFBGA72] | (669)        |
| Sharp   | LS1828                           | [LFBGA72] | (669)        |
| Sharp   | LS1834                           | [FBGA72]  | (669)        |
| Sharp   | LS1844                           | [FBGA72]  | (669)        |
| Sharp   | LS1845                           | [FBGA72]  | (669)        |
| Sharp   | LS1850                           | [LFBGA72] | (704)        |
| Sharp   | LS1851                           | [LFBGA72] | (704)        |
| Sharp   | LS1852                           | [LFBGA72] | (669)        |
| Sharp   | LS1853                           | [LFBGA72] | (669)        |
| Sharp   | LS1857                           | [LFBGA72] | (669)        |
| Sharp   | LS1876                           | [LFBGA72] | (704)        |
| Sharp   | LS1806                           | [LFBGA72] | (734)        |
| Sharp   | LS1807                           | [FBGA72]  | (734)        |
| Sharp   | LS1812                           | [LFBGA72] | (734)        |
| Sharp   | LS1830                           | [LFBGA72] | (734)        |
| Siemens | SAB2716                          |           |              |
| Siemens | SAB88C166                        | [MQFP100] | (244)        |
| Siemens | SAB88C166W                       | [MQFP100] | (244)        |
| Siemens | SAB-C164CI-8E (ISP-UART)         |           | (138) (9997) |
| Siemens | SAB-C164CI-8E [MQFP80]           |           | (246)        |
| Siemens | SAB-C501G-1E                     |           |              |
| Siemens | SAB-C501G-1E [MQFP44]            |           | (108)        |
| Siemens | SAB-C501G-1E [PLCC44]            |           | (67)         |
| Siemens | SAB-C504-2E [MQFP44]             |           | (108)        |
| Siemens | SAB-C505A-4E [MQFP44]            |           | (108)        |
| Siemens | SAB-C505CA-4E [MQFP44]           |           | (108)        |
| Siemens | SAB-C505L-4E [MQFP80]            |           | (182)        |
| Siemens | SAB-C508-4E [MQFP64]             |           | (583)        |
| Siemens | SAB-C508-4E [SDIP64]             |           | (584)        |
| Siemens | SAB-C513AO-2E                    |           |              |
| Siemens | SAB-C513AO-2E [MQFP44]           |           | (108)        |
| Siemens | SAB-C513AO-2E [PLCC44]           |           | (67)         |
| Siemens | SAB-C515C-8E [MQFP80]            |           | (182)        |
| Siemens | SAB-C540U-E [PLCC44]             |           | (67)         |
| Siemens | SAB-C541U-1E [PLCC44]            |           | (67)         |
| Siemens | SAB-XC167CI-16F [TQFP144]        |           | (1039)       |
| Siemens | SAB-XC167CI-32F [TQFP144]        |           | (1039)       |
| Siemens | SAF-C164CI-8E (ISP-UART)         |           | (138) (9997) |
| Siemens | SAF-C164CI-8E [MQFP80]           |           | (246)        |
| Siemens | SAF-C501G-1E                     |           |              |
| Siemens | SAF-C501G-1E [MQFP44]            |           | (108)        |
| Siemens | SAF-C501G-1E [PLCC44]            |           | (67)         |
| Siemens | SAF-C504-2E [MQFP44]             |           | (108)        |
| Siemens | SAF-C505A-4E [MQFP44]            |           | (108)        |
| Siemens | SAF-C505CA-4E [MQFP44]           |           | (108)        |
| Siemens | SAF-C505L-4E [MQFP80]            |           | (182)        |
| Siemens | SAF-C508-4E [MQFP64]             |           | (583)        |
| Siemens | SAF-C508-4E [SDIP64]             |           | (584)        |
| Siemens | SAF-C513AO-2E                    |           |              |
| Siemens | SAF-C513AO-2E [MQFP44]           |           | (108)        |
| Siemens | SAF-C513AO-2E [PLCC44]           |           | (67)         |
| Siemens | SAF-C515C-8E [MQFP80]            |           | (182)        |
| Siemens | SAF-XC164CM-16F [LQFP64]         |           | (1003)       |
| Siemens | SAF-XC164CM-4F [TQFP64]          |           | (1003)       |
| Siemens | SAF-XC164CM-8F [TQFP64]          |           | (1003)       |
| Siemens | SAF-XC164CR-16F (ISP-UART)       |           | (138) (9997) |
| Siemens | SAF-XC164CR-16F [TQFP100]        |           | (898)        |
| Siemens | SAF-XC164CR-32F [TQFP100]        |           | (898)        |
| Siemens | SAF-XC164CS-16F (ISP-UART)       |           | (138) (9997) |
| Siemens | SAF-XC164CS-16F [TQFP100]        |           | (898)        |
| Siemens | SAF-XC164CS-32F (ISP-UART)       |           | (138) (9997) |
| Siemens | SAF-XC164CS-32F [TQFP100]        |           | (898)        |
| Siemens | SAF-XC164CS-32F [TQFP100] (UART) |           | (898)        |
| Siemens | SAF-XC164CS-8F [TQFP100]         |           | (898)        |
| Siemens | SAF-XC164D-16F [TQFP100]         |           | (898)        |
| Siemens | SAF-XC164D-32F [TQFP100]         |           | (898)        |
| Siemens | SAF-XC164D-8F [TQFP100]          |           | (898)        |
| Siemens | SAF-XC164GM-16F [LQFP64]         |           | (1003)       |
| Siemens | SAF-XC164GM-4F [TQFP64]          |           | (1003)       |
| Siemens | SAF-XC164GM-8F [TQFP64]          |           | (1003)       |
| Siemens | SAF-XC164KM-16F [LQFP64]         |           | (1003)       |
| Siemens | SAF-XC164KM-4F [TQFP64]          |           | (1003)       |
| Siemens | SAF-XC164KM-8F [TQFP64]          |           | (1003)       |
| Siemens | SAF-XC164LM-16F [LQFP64]         |           | (1003)       |
| Siemens | SAF-XC164LM-4F [TQFP64]          |           | (1003)       |
| Siemens | SAF-XC164LM-8F [TQFP64]          |           | (1003)       |

|                  |                                  |              |
|------------------|----------------------------------|--------------|
| Siemens          | SAF-XC164N-16F [TQFP100]         | (898)        |
| Siemens          | SAF-XC164N-32F [TQFP100]         | (898)        |
| Siemens          | SAF-XC164N-8F [TQFP100]          | (898)        |
| Siemens          | SAF-XC164S-16F [TQFP100]         | (898)        |
| Siemens          | SAF-XC164S-32F [TQFP100]         | (898)        |
| Siemens          | SAF-XC164S-8F [TQFP100]          | (898)        |
| Siemens          | SAF-XC164SM-16F [LQFP64]         | (1003)       |
| Siemens          | SAF-XC164SM-4F [TQFP64]          | (1003)       |
| Siemens          | SAF-XC164SM-8F [TQFP64]          | (1003)       |
| Siemens          | SAF-XC167CI-16F [TQFP144]        | (1039)       |
| Siemens          | SAF-XC167CI-32F [TQFP144]        | (1039)       |
| Siemens          | SAH-C504-2E [MQFP44]             | (108)        |
| Siemens          | SAH-C505A-4E [MQFP44]            | (108)        |
| Siemens          | SAH-C505CA-4E [MQFP44]           | (108)        |
| Siemens          | SAH-C515C-8E [MQFP80]            | (182)        |
| Siemens          | SAK-C164CI-8E (ISP-UART)         | (138) (9997) |
| Siemens          | SAK-C164CI-8E [MQFP80]           | (246)        |
| Siemens          | SAK-C504-2E [MQFP44]             | (108)        |
| Siemens          | SAK-C505A-4E [MQFP44]            | (108)        |
| Siemens          | SAK-C505CA-4E [MQFP44]           | (108)        |
| Siemens          | SAK-C505L-4E [MQFP80]            | (182)        |
| Siemens          | SAK-XC164CM-16F [LQFP64]         | (1003)       |
| Siemens          | SAK-XC164CM-4F [TQFP64]          | (1003)       |
| Siemens          | SAK-XC164CM-8F [TQFP64]          | (1003)       |
| Siemens          | SAK-XC164CR-16F (ISP-UART)       | (138) (9997) |
| Siemens          | SAK-XC164CR-16F [TQFP100]        | (898)        |
| Siemens          | SAK-XC164CR-32F [TQFP100]        | (898)        |
| Siemens          | SAK-XC164CS-16F (ISP-UART)       | (138) (9997) |
| Siemens          | SAK-XC164CS-16F [TQFP100]        | (898)        |
| Siemens          | SAK-XC164CS-32F (ISP-UART)       | (138) (9997) |
| Siemens          | SAK-XC164CS-32F [TQFP100]        | (898)        |
| Siemens          | SAK-XC164CS-32F [TQFP100] (UART) | (898)        |
| Siemens          | SAK-XC164CS-8F [TQFP100]         | (898)        |
| Siemens          | SAK-XC167CI-16F [TQFP144]        | (1039)       |
| Siemens          | SAK-XC167CI-32F [TQFP144]        | (1039)       |
| Siemens          | SDA2506/-2/-5                    |              |
| Siemens          | SDA2516/-2/-5                    |              |
| Siemens          | SDA2516-5A2 [SOIC8]              | (950)        |
| Siemens          | SDA2526/-2/-5                    |              |
| Siemens          | SDA2546/-2/-5                    |              |
| Siemens          | SDA2586/-2/-5                    |              |
| Siemens          | SDA3526                          |              |
| Siemens          | SDA3546                          |              |
| Siemens          | SDA3586                          |              |
| Siemens          | SDA5451 [SDIP52]                 | (87)         |
| Siemens          | SDA5452 [SDIP52]                 | (87)         |
| Siemens          | SDA5453 [SDIP52]                 | (87)         |
| Siemens          | SDA5454 [SDIP52]                 | (87)         |
| Siemens          | SDA5455 [SDIP52]                 | (87)         |
| Siemens          | SDA5456 [SDIP52]                 | (87)         |
| Siemens          | SDA5457 [SDIP52]                 | (87)         |
| Siemens          | SDA545XOTP [SDIP52]              | (87)         |
| Siemens          | SDE2506A2                        |              |
| Siemens          | SDE2516A2                        |              |
| Siemens          | SDE2526-5A2 [SOIC8]              | (950)        |
| Siemens          | SDE2526A2                        |              |
| Siemens          | SDE25X26A2                       |              |
| Siemens          | SDE25X26A2 [SOIC8]               | (950)        |
| Siemens          | SLA24C01                         |              |
| Siemens          | SLA24C01 (ISP)                   | (138)        |
| Siemens          | SLA24C01 [DS08]                  | (950)        |
| Siemens          | SLA24C02                         |              |
| Siemens          | SLA24C02 (ISP)                   | (138)        |
| Siemens          | SLA24C02 [DS08]                  | (950)        |
| Siemens          | SLA24C04                         |              |
| Siemens          | SLA24C04 (ISP)                   | (138)        |
| Siemens          | SLA24C04 [DS08]                  | (950)        |
| Siemens          | SLA24C08                         |              |
| Siemens          | SLA24C08 (ISP)                   | (138)        |
| Siemens          | SLA24C08 [DS08]                  | (950)        |
| Siemens          | SLA24C16                         |              |
| Siemens          | SLA24C16 (ISP)                   | (138)        |
| Siemens          | SLA24C16 [DS08]                  | (950)        |
| Siemens          | SLA24C164                        |              |
| Siemens          | SLA24C164 (ISP)                  | (138)        |
| Siemens          | SLA24C164 [DS08]                 | (950)        |
| Siemens          | SLA24C32                         |              |
| Siemens          | SLA24C32 (ISP)                   | (138)        |
| Siemens          | SLA24C32 [DS08]                  | (950)        |
| Siemens          | SLA24C64                         |              |
| Siemens          | SLA24C64 (ISP)                   | (138)        |
| Siemens          | SLA24C64 [DS08]                  | (950)        |
| Siemens          | SLA25010                         |              |
| Siemens          | SLA25010 (ISP)                   | (138)        |
| Siemens          | SLA25020                         |              |
| Siemens          | SLA25020 (ISP)                   | (138)        |
| Siemens          | SLA25040                         |              |
| Siemens          | SLA25040 (ISP)                   | (138)        |
| Siemens          | SLA25080                         |              |
| Siemens          | SLA25080 (ISP)                   | (138)        |
| Siemens          | SLA25160                         |              |
| Siemens          | SLA25160 (ISP)                   | (138)        |
| Siemens          | SLE24C01                         |              |
| Siemens          | SLE24C01 (ISP)                   | (138)        |
| Siemens          | SLE24C01 [DS08]                  | (950)        |
| Siemens          | SLE24C02                         |              |
| Siemens          | SLE24C02 (ISP)                   | (138)        |
| Siemens          | SLE24C02 [DS08]                  | (950)        |
| Siemens          | SLE24C04                         |              |
| Siemens          | SLE24C04 (ISP)                   | (138)        |
| Siemens          | SLE24C04 [DS08]                  | (950)        |
| Siemens          | SLE24C08                         |              |
| Siemens          | SLE24C08 (ISP)                   | (138)        |
| Siemens          | SLE24C08 [DS08]                  | (950)        |
| Siemens          | SLE24C16                         |              |
| Siemens          | SLE24C16 (ISP)                   | (138)        |
| Siemens          | SLE24C16 [DS08]                  | (950)        |
| Siemens          | SLE24C164                        |              |
| Siemens          | SLE24C164 (ISP)                  | (138)        |
| Siemens          | SLE24C164 [DS08]                 | (950)        |
| Siemens          | SLE24C32                         |              |
| Siemens          | SLE24C32 (ISP)                   | (138)        |
| Siemens          | SLE24C32 [DS08]                  | (950)        |
| Siemens          | SLE24C64                         |              |
| Siemens          | SLE24C64 (ISP)                   | (138)        |
| Siemens          | SLE24C64 [DS08]                  | (950)        |
| Siemens          | SLE25010                         |              |
| Siemens          | SLE25010 (ISP)                   | (138)        |
| Siemens          | SLE25020                         |              |
| Siemens          | SLE25020 (ISP)                   | (138)        |
| Siemens          | SLE25040                         |              |
| Siemens          | SLE25040 (ISP)                   | (138)        |
| Siemens          | SLE25080                         |              |
| Siemens          | SLE25080 (ISP)                   | (138)        |
| Siemens          | SLE25160                         |              |
| Siemens          | SLE25160 (ISP)                   | (138)        |
| Sierra Semicond. | SC22011                          |              |
| Sierra Semicond. | SC22011 (ISP)                    | (138)        |

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|--------------------|---------------------------|--------------|
| Sierra Semicond.   | SC22012                   |              |
| Sierra Semicond.   | SC22012 (ISP)             | (138)        |
| Sigma Designs      | SD3402 [QFN48]            | (2388)       |
| Sigma Designs      | SD3502A [QFN48]           | (3072)       |
| Sigma Designs      | ZM5202 (ISP) (Custom-01)  | (138) (9999) |
| Sigma Microelectr. | L24C32                    |              |
| Sigma Microelectr. | L24C32 (ISP)              | (138)        |
| Sigma Microelectr. | L24C32 [SOP8]             | (950)        |
| Sigma Microelectr. | L24C32 [TSSOP8]           | (121)        |
| Sigma Microelectr. | L24C64                    |              |
| Sigma Microelectr. | L24C64 (ISP)              | (138)        |
| Sigma Microelectr. | L24C64 [SOP8]             | (950)        |
| Sigma Microelectr. | L24C64 [TSSOP8]           | (121)        |
| Signetics          | 27C010                    |              |
| Signetics          | 27C010 [PLCC32]           | (59)         |
| Signetics          | 27C040                    |              |
| Signetics          | 27C210                    |              |
| Signetics          | 27C210 [PLCC44]           | (67)         |
| Signetics          | 27C240                    |              |
| Signetics          | 27C240 [PLCC44]           | (67)         |
| Signetics          | 27C256                    |              |
| Signetics          | 27C256 [PLCC32]           | (59)         |
| Signetics          | 27C512                    |              |
| Signetics          | 27C64                     |              |
| Signetics          | 27C641                    |              |
| Signetics          | 27C64A                    |              |
| Signetics          | 27HC128                   |              |
| Signetics          | 8048                      |              |
| Signetics          | 8049                      |              |
| Signetics          | 82S100                    | (682)        |
| Signetics          | 82S101                    | (682)        |
| Signetics          | 87C652                    |              |
| Signetics          | 87C652 [PLCC44]           | (67)         |
| Signetics          | 87C652 [PQFP44]           | (592)        |
| Signetics          | 87C654                    |              |
| Signetics          | 87C654 [PLCC44]           | (67)         |
| Signetics          | 87C654 [PQFP44]           | (592)        |
| Signetics          | ECG2532                   |              |
| Signetics          | N2708                     | (2)          |
| Signetics          | PL22V10                   |              |
| Signetics          | PL22V10 [PLCC28]          | (48)         |
| Signetics          | PLS100                    | (682)        |
| Signetics          | PLS100 [PLCC28]           | (684)        |
| Signetics          | PLS101                    | (682)        |
| Signetics          | PLS101 [PLCC28]           | (684)        |
| Signetics          | S87C51FA                  |              |
| Signetics          | S87C51FA [PLCC44]         | (67)         |
| Signetics          | S87C51FA [PQFP44]         | (592)        |
| Signetics          | S87C51FB                  |              |
| Signetics          | S87C51FB [PLCC44]         | (67)         |
| Signetics          | S87C51FB [PQFP44]         | (592)        |
| Signetics          | S87C51FC                  |              |
| Signetics          | S87C51FC [PLCC44]         | (67)         |
| Signetics          | S87C51FC [PQFP44]         | (592)        |
| Signetics          | S87C652                   |              |
| Signetics          | S87C652 [PLCC44]          | (67)         |
| Signetics          | S87C652 [PQFP44]          | (592)        |
| Signetics          | S87C654                   |              |
| Signetics          | S87C654 [PLCC44]          | (67)         |
| Signetics          | S87C654 [PQFP44]          | (592)        |
| Signetics          | S87C751                   |              |
| Signetics          | S87C751 [PLCC28]          | (48)         |
| Signetics          | S87C751 [SSOP24]          | (1103)       |
| Signetics          | SC87C51                   |              |
| Signetics          | SC87C51 [PLCC44]          | (67)         |
| Signetics          | SC87C51 [PQFP44]          | (592)        |
| Silergy            | 71M6513 [LQFP100]         | (4185)       |
| Silergy            | 71M6513H [LQFP100]        | (4185)       |
| Silergy            | 71M6521BE [LQFP64]        | (4183)       |
| Silergy            | 71M6521DE [LQFP64]        | (4183)       |
| Silergy            | 71M6521DH [LQFP64]        | (4183)       |
| Silergy            | 71M6521FE [LQFP64]        | (4183)       |
| Silergy            | 71M6541DT [LQFP64]        | (4092)       |
| Silergy            | 71M6541FT [LQFP64]        | (4092)       |
| Silergy            | SY8640 [QFN28]            | (1550)       |
| Silicon 7          | SV4F1602UBA [FBGA66]      | (900)        |
| Silicon 7          | SV4F1602UTA [FBGA66]      | (900)        |
| Silicon 7          | SV4F1604UBA [FBGA66]      | (900)        |
| Silicon 7          | SV4F1604UTA [FBGA66]      | (900)        |
| Silicon 7          | SV4F1608UBA [FBGA66]      | (900)        |
| Silicon 7          | SV4F1608UTA [FBGA66]      | (900)        |
| Silicon 7          | SV4F3204UBA [FBGA66]      | (900)        |
| Silicon 7          | SV4F3204UTA [FBGA66]      | (900)        |
| Silicon 7          | SV4F3208UBA [FBGA66]      | (900)        |
| Silicon 7          | SV4F3208UTA [FBGA66]      | (900)        |
| Silicon 7          | SV4F3216UBA [FBGA66]      | (900)        |
| Silicon 7          | SV4F3216UTA [FBGA66]      | (900)        |
| Silicon 7          | SV5C2832UCA [FBGA72]      | (670)        |
| Silicon 7          | SV5C2832UDA [FBGA72]      | (670)        |
| Silicon 7          | SV6C2832UBA [FBGA72]      | (669)        |
| Silicon 7          | SV6C2832UTA [FBGA72]      | (669)        |
| Silicon 7          | SV6C2864UBA [FBGA72]      | (669)        |
| Silicon 7          | SV6C2864UTA [FBGA72]      | (669)        |
| Silicon 7          | SV6C6416UBA [FBGA72]      | (669)        |
| Silicon 7          | SV6C6416UTA [FBGA72]      | (669)        |
| Silicon 7          | SV6C6432UBA [FBGA72]      | (669)        |
| Silicon 7          | SV6C6432UTA [FBGA72]      | (669)        |
| Silicon 7          | SV6D2832UBA [FBGA88]      | (672)        |
| Silicon 7          | SV6D2832UTA [FBGA88]      | (672)        |
| Silicon 7          | SV6E2832UBA [FBGA56]      | (1509)       |
| Silicon 7          | SV6E2832UTA [FBGA56]      | (1509)       |
| Silicon 7          | SV6E2864UBA [FBGA56]      | (1509)       |
| Silicon 7          | SV6E2864UTA [FBGA56]      | (1509)       |
| Silicon 7          | SV7C1602UB [FBGA72]       | (670)        |
| Silicon 7          | SV7C1602UT [FBGA72]       | (670)        |
| Silicon 7          | SV7C1604UB [FBGA72]       | (670)        |
| Silicon 7          | SV7C1604UT [FBGA72]       | (670)        |
| Silicon 7          | SV7C1608UB [FBGA72]       | (670)        |
| Silicon 7          | SV7C1608UT [FBGA72]       | (670)        |
| Silicon 7          | SV7C3204UBA [FBGA72]      | (670)        |
| Silicon 7          | SV7C3204UTA [FBGA72]      | (670)        |
| Silicon 7          | SV7C3208UBA [FBGA72]      | (670)        |
| Silicon 7          | SV7C3208UTA [FBGA72]      | (670)        |
| Silicon 7          | SV7C3216UBA [FBGA72]      | (670)        |
| Silicon 7          | SV7C3216UTA [FBGA72]      | (670)        |
| Silicon 7          | SV7E1602UBA [FBGA56 7x9]  | (370)        |
| Silicon 7          | SV7E1602UBA [FBGA56 8x11] | (314)        |
| Silicon 7          | SV7E1602UTA [FBGA56 7x9]  | (370)        |
| Silicon 7          | SV7E1602UTA [FBGA56 8x11] | (314)        |
| Silicon 7          | SV7E1604UBA [FBGA56 7x9]  | (370)        |
| Silicon 7          | SV7E1604UBA [FBGA56 8x11] | (314)        |
| Silicon 7          | SV7E1604UTA [FBGA56 7x9]  | (370)        |
| Silicon 7          | SV7E1604UTA [FBGA56 8x11] | (314)        |
| Silicon 7          | SV7E1608UBA [FBGA56 7x9]  | (370)        |
| Silicon 7          | SV7E1608UBA [FBGA56 8x11] | (314)        |
| Silicon 7          | SV7E1608UTA [FBGA56 7x9]  | (370)        |
| Silicon 7          | SV7E1608UTA [FBGA56 8x11] | (314)        |
| Silicon 7          | SV7E3204UBA [FBGA56 7x9]  | (370)        |

|                  |                        |               |              |
|------------------|------------------------|---------------|--------------|
| Silicon 7        | SV7E3204UBA            | [FBGA56 8x11] | (514)        |
| Silicon 7        | SV7E3204UTA            | [FBGA56 7x9]  | (570)        |
| Silicon 7        | SV7E3204UTA            | [FBGA56 8x11] | (514)        |
| Silicon 7        | SV7E3208UBA            | [FBGA56 7x9]  | (570)        |
| Silicon 7        | SV7E3208UBA            | [FBGA56 8x11] | (514)        |
| Silicon 7        | SV7E3208UTA            | [FBGA56 7x9]  | (570)        |
| Silicon 7        | SV7E3208UTA            | [FBGA56 8x11] | (514)        |
| Silicon 7        | SV7E3216UBA            | [FBGA56 7x9]  | (570)        |
| Silicon 7        | SV7E3216UBA            | [FBGA56 8x11] | (514)        |
| Silicon 7        | SV7E3216UTA            | [FBGA56 7x9]  | (570)        |
| Silicon 7        | SV7E3216UTA            | [FBGA56 8x11] | (514)        |
| Silicon 7        | SVME2832UBA            | [FBGA56]      | (1274)       |
| Silicon 7        | SVME2832UTA            | [FBGA56]      | (1274)       |
| Silicon 7        | SVME2864UBA            | [FBGA56]      | (1274)       |
| Silicon 7        | SVME2864UTA            | [FBGA56]      | (1274)       |
| Silicon 7        | SVME3204UBA            | [FBGA56]      | (570)        |
| Silicon 7        | SVME3204UTA            | [FBGA56]      | (570)        |
| Silicon 7        | SVME3208UBA            | [FBGA56]      | (570)        |
| Silicon 7        | SVME3208UTA            | [FBGA56]      | (570)        |
| Silicon 7        | SVME3216UBA            | [FBGA56]      | (570)        |
| Silicon 7        | SVME3216UTA            | [FBGA56]      | (570)        |
| Silicon 7        | SVME6416UTA            | [FBGA56]      | (570)        |
| Silicon 7        | SVME6432UTA            | [FBGA56]      | (570)        |
| Silicon Laborat. | BGM123A256V2R          |               | (4980)       |
| Silicon Laborat. | BLE112-A-v1 (ISP)      |               | (138)        |
| Silicon Laborat. | BLE112-E-v1 (ISP)      |               | (138)        |
| Silicon Laborat. | BLE112-N-v1 (ISP)      |               | (138)        |
| Silicon Laborat. | BLE113-A (ISP)         |               | (138)        |
| Silicon Laborat. | BLE113-A-M256K (ISP)   |               | (138)        |
| Silicon Laborat. | BLE121LR-A-M256K (ISP) |               | (138)        |
| Silicon Laborat. | BT121-A                |               | (4823)       |
| Silicon Laborat. | BT121-A (ISP-SWD)      |               | (138) (9997) |
| Silicon Laborat. | C8051F000 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F000 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F001 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F001 [TQFP48]     |               | (174)        |
| Silicon Laborat. | C8051F002 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F002 [LQFP32]     |               | (159)        |
| Silicon Laborat. | C8051F005 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F005 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F006 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F006 [TQFP48]     |               | (174)        |
| Silicon Laborat. | C8051F007 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F007 [LQFP32]     |               | (159)        |
| Silicon Laborat. | C8051F010 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F010 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F011 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F011 [TQFP48]     |               | (174)        |
| Silicon Laborat. | C8051F012 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F012 [LQFP32]     |               | (159)        |
| Silicon Laborat. | C8051F015 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F015 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F016 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F016 [TQFP48]     |               | (174)        |
| Silicon Laborat. | C8051F017 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F017 [LQFP32]     |               | (159)        |
| Silicon Laborat. | C8051F018 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F018 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F019 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F019 [TQFP48]     |               | (174)        |
| Silicon Laborat. | C8051F020 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F020 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F021 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F021 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F022 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F022 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F023 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F023 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F040 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F040 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F041 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F041 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F042 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F042 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F043 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F043 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F044 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F044 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F045 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F045 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F046 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F046 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F047 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F047 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F060 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F060 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F061 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F061 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F062 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F062 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F063 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F063 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F064 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F064 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F065 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F065 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F066 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F066 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F067 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F067 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F120 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F120 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F121 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F121 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F122 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F122 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F123 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F123 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F124 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F124 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F125 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F125 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F126 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F126 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F127 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F127 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F130 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F130 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F131 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F131 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F132 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F132 [TQFP100]    |               | (573)        |
| Silicon Laborat. | C8051F133 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F133 [TQFP64]     |               | (572)        |
| Silicon Laborat. | C8051F206 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F206 [TQFP48]     |               | (174)        |
| Silicon Laborat. | C8051F220 (ISP)        |               | (138)        |
| Silicon Laborat. | C8051F220 [TQFP48]     |               | (174)        |



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|                  |                    |                         |              |
|------------------|--------------------|-------------------------|--------------|
| Silicon Laborat. | C8051T615          | (DC<0935) [QFN28]       | (576)        |
| Silicon Laborat. | C8051T615          | (DC=0935->1118) [QFN28] | (576)        |
| Silicon Laborat. | C8051T615          | (DC>=1119) [QFN28]      | (576)        |
| Silicon Laborat. | C8051T616          | (DC<0935) [QFN24]       | (731)        |
| Silicon Laborat. | C8051T616          | (DC=0935->1118) [QFN24] | (731)        |
| Silicon Laborat. | C8051T616          | (DC>=1119) [QFN24]      | (731)        |
| Silicon Laborat. | C8051T617          | (DC<0935) [QFN24]       | (731)        |
| Silicon Laborat. | C8051T617          | (DC=0935->1118) [QFN24] | (731)        |
| Silicon Laborat. | C8051T617          | (DC>=1119) [QFN24]      | (731)        |
| Silicon Laborat. | C8051T620          | (DC<1040) [QFN32]       | (221)        |
| Silicon Laborat. | C8051T620          | (DC>=1040) [QFN32]      | (221)        |
| Silicon Laborat. | C8051T621          | (DC<1040) [QFN32]       | (221)        |
| Silicon Laborat. | C8051T621          | (DC>=1040) [QFN32]      | (221)        |
| Silicon Laborat. | C8051T622          | (DC<1111) [QFN24]       | (731)        |
| Silicon Laborat. | C8051T622          | (DC>=1111) [QFN24]      | (731)        |
| Silicon Laborat. | C8051T623          | (DC<1111) [QFN24]       | (731)        |
| Silicon Laborat. | C8051T623          | (DC>=1111) [QFN24]      | (731)        |
| Silicon Laborat. | C8051T626-8        | (DC<1040) [QFN32]       | (221)        |
| Silicon Laborat. | C8051T626-8        | (DC>=1040) [QFN32]      | (221)        |
| Silicon Laborat. | C8051T627-8        | (DC<1040) [QFN32]       | (221)        |
| Silicon Laborat. | C8051T627-8        | (DC>=1040) [QFN32]      | (221)        |
| Silicon Laborat. | C8051T630          | (DC<0935) [QFN20]       | (575)        |
| Silicon Laborat. | C8051T630          | (DC>=0935) [QFN20]      | (575)        |
| Silicon Laborat. | C8051T631          | (DC<0935) [QFN20]       | (575)        |
| Silicon Laborat. | C8051T631          | (DC>=0935) [QFN20]      | (575)        |
| Silicon Laborat. | C8051T632          | (DC<0935) [QFN20]       | (575)        |
| Silicon Laborat. | C8051T632          | (DC>=0935) [QFN20]      | (575)        |
| Silicon Laborat. | C8051T633          | (DC<0935) [QFN20]       | (575)        |
| Silicon Laborat. | C8051T633          | (DC>=0935) [QFN20]      | (575)        |
| Silicon Laborat. | C8051T634          | (DC<0935) [QFN20]       | (575)        |
| Silicon Laborat. | C8051T634          | (DC>=0935) [QFN20]      | (575)        |
| Silicon Laborat. | C8051T635          | (DC<0935) [QFN20]       | (575)        |
| Silicon Laborat. | C8051T635          | (DC>=0935) [QFN20]      | (575)        |
| Silicon Laborat. | EFM32G200F16       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G200F16       | [QFN32]                 | (1566)       |
| Silicon Laborat. | EFM32G200F32       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G200F32       | [QFN32]                 | (1566)       |
| Silicon Laborat. | EFM32G200F64       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G200F64       | [QFN32]                 | (1566)       |
| Silicon Laborat. | EFM32G210F128      | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G210F128      | [QFN32]                 | (1566)       |
| Silicon Laborat. | EFM32G222F128      | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G222F128      | [LQFP48]                | (2424)       |
| Silicon Laborat. | EFM32G222F32       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G222F32       | [LQFP48]                | (2424)       |
| Silicon Laborat. | EFM32G222F64       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G222F64       | [LQFP48]                | (2424)       |
| Silicon Laborat. | EFM32G230F128      | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G230F128      | [QFN64]                 | (1565)       |
| Silicon Laborat. | EFM32G230F32       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G230F32       | [QFN64]                 | (1565)       |
| Silicon Laborat. | EFM32G230F64       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G230F64       | [QFN64]                 | (1565)       |
| Silicon Laborat. | EFM32G232F128      | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G232F128      | [QFP64]                 | (2610)       |
| Silicon Laborat. | EFM32G232F32       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G232F32       | [QFP64]                 | (2610)       |
| Silicon Laborat. | EFM32G232F64       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G232F64       | [QFP64]                 | (2610)       |
| Silicon Laborat. | EFM32G280F128      | (ISP)                   | (138)        |
| Silicon Laborat. | EFM32G280F128      | [QFP100]                | (1564)       |
| Silicon Laborat. | EFM32G280F32       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G280F32       | [QFP100]                | (1564)       |
| Silicon Laborat. | EFM32G280F64       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G280F64       | [QFP100]                | (1564)       |
| Silicon Laborat. | EFM32G290F128      | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G290F128      | [BGA112]                | (1588)       |
| Silicon Laborat. | EFM32G290F32       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G290F32       | [BGA112]                | (1588)       |
| Silicon Laborat. | EFM32G290F64       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G290F64       | [BGA112]                | (1588)       |
| Silicon Laborat. | EFM32G840F128      | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G840F128      | [QFN64]                 | (1565)       |
| Silicon Laborat. | EFM32G840F32       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G840F32       | [QFN64]                 | (1565)       |
| Silicon Laborat. | EFM32G840F64       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G840F64       | [QFN64]                 | (1565)       |
| Silicon Laborat. | EFM32G842F128      | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G842F128      | [QFP64]                 | (2610)       |
| Silicon Laborat. | EFM32G842F32       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G842F32       | [QFP64]                 | (2610)       |
| Silicon Laborat. | EFM32G842F64       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G842F64       | [QFP64]                 | (2610)       |
| Silicon Laborat. | EFM32G880F128      | (ISP)                   | (138)        |
| Silicon Laborat. | EFM32G880F128      | [QFP100]                | (1564)       |
| Silicon Laborat. | EFM32G880F32       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G880F32       | [QFP100]                | (1564)       |
| Silicon Laborat. | EFM32G880F64       | (ISP)                   | (138)        |
| Silicon Laborat. | EFM32G880F64       | [QFP100]                | (1564)       |
| Silicon Laborat. | EFM32G890F128      | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G890F128      | [BGA112]                | (1588)       |
| Silicon Laborat. | EFM32G890F32       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G890F32       | [BGA112]                | (1588)       |
| Silicon Laborat. | EFM32G890F64       | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32G890F64       | [BGA112]                | (1588)       |
| Silicon Laborat. | EFM32GG11B110F2048 | [QFN64]                 | (1565)       |
| Silicon Laborat. | EFM32GG11B110F2048 | [QFP64]                 | (2610)       |
| Silicon Laborat. | EFM32GG11B120F2048 | [QFN64]                 | (1565)       |
| Silicon Laborat. | EFM32GG11B120F2048 | [QFP64]                 | (2610)       |
| Silicon Laborat. | EFM32GG11B310F2048 | [BGA112]                | (1588)       |
| Silicon Laborat. | EFM32GG11B310F2048 | [QFP100]                | (1564)       |
| Silicon Laborat. | EFM32GG11B320F2048 | [BGA112]                | (1588)       |
| Silicon Laborat. | EFM32GG11B320F2048 | [QFP100]                | (1564)       |
| Silicon Laborat. | EFM32GG11B420F2048 | [BGA112]                | (1588)       |
| Silicon Laborat. | EFM32GG11B420F2048 | [BGA120]                | (2832)       |
| Silicon Laborat. | EFM32GG11B420F2048 | [QFN64]                 | (1565)       |
| Silicon Laborat. | EFM32GG11B420F2048 | [QFP100]                | (1564)       |
| Silicon Laborat. | EFM32GG11B420F2048 | [QFP64]                 | (2610)       |
| Silicon Laborat. | EFM32GG11B510F2048 | [QFN64]                 | (4651)       |
| Silicon Laborat. | EFM32GG11B510F2048 | [QFP100]                | (4503)       |
| Silicon Laborat. | EFM32GG11B510F2048 | [QFP64]                 | (4650)       |
| Silicon Laborat. | EFM32GG11B520F2048 | [QFN64]                 | (4651)       |
| Silicon Laborat. | EFM32GG11B520F2048 | [QFP100]                | (4503)       |
| Silicon Laborat. | EFM32GG11B520F2048 | [QFP64]                 | (4650)       |
| Silicon Laborat. | EFM32GG11B820F2048 | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32GG11B820F2048 | [QFN64]                 | (4696)       |
| Silicon Laborat. | EFM32GG11B820F2048 | [QFP100]                | (4503)       |
| Silicon Laborat. | EFM32GG11B820F2048 | [QFP64]                 | (4697)       |
| Silicon Laborat. | EFM32GG11B840F1024 | [QFN64]                 | (4696)       |
| Silicon Laborat. | EFM32GG11B840F1024 | [QFP100]                | (4503)       |
| Silicon Laborat. | EFM32GG11B840F1024 | [QFP64]                 | (4697)       |
| Silicon Laborat. | EFM32GG230F1024    | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32GG230F1024    | [QFN64]                 | (1565)       |
| Silicon Laborat. | EFM32GG230F512     | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32GG230F512     | [QFN64]                 | (1565)       |
| Silicon Laborat. | EFM32GG232F1024    | (ISP)                   | (138) (9997) |
| Silicon Laborat. | EFM32GG232F1024    | [QFP64]                 | (2610)       |
| Silicon Laborat. | EFM32GG232F512     | (ISP)                   | (138) (9997) |

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| Silicon Laborat. | EFM32PG1B200F256 (ISP)     | (138) (9997) |
| Silicon Laborat. | EFM32PG1B200F256 [QFN32]   | (3644)       |
| Silicon Laborat. | EFM32PG1B200F256 [QFN48]   | (3645)       |
| Silicon Laborat. | EFM32TG108F16 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG108F16 [QFN24]      | (2136)       |
| Silicon Laborat. | EFM32TG108F32 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG108F32 [QFN24]      | (2136)       |
| Silicon Laborat. | EFM32TG108F4 (ISP)         | (138) (9997) |
| Silicon Laborat. | EFM32TG108F4 [QFN24]       | (2136)       |
| Silicon Laborat. | EFM32TG108F8 (ISP)         | (138) (9997) |
| Silicon Laborat. | EFM32TG108F8 [QFN24]       | (2136)       |
| Silicon Laborat. | EFM32TG110F16 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG110F16 [QFN24]      | (2136)       |
| Silicon Laborat. | EFM32TG110F32 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG110F32 [QFN24]      | (2136)       |
| Silicon Laborat. | EFM32TG110F4 (ISP)         | (138) (9997) |
| Silicon Laborat. | EFM32TG110F4 [QFN24]       | (2136)       |
| Silicon Laborat. | EFM32TG110F8 (ISP)         | (138) (9997) |
| Silicon Laborat. | EFM32TG110F8 [QFN24]       | (2136)       |
| Silicon Laborat. | EFM32TG11B120F128 (ISP)    | (138) (9997) |
| Silicon Laborat. | EFM32TG11B120F128 [LQFP48] | (2424)       |
| Silicon Laborat. | EFM32TG11B120F128 [QFN32]  | (4668)       |
| Silicon Laborat. | EFM32TG11B120F128 [QFN64]  | (1565)       |
| Silicon Laborat. | EFM32TG11B120F128 [QFP64]  | (2610)       |
| Silicon Laborat. | EFM32TG11B140F64 (ISP)     | (138) (9997) |
| Silicon Laborat. | EFM32TG11B140F64 [LQFP48]  | (2424)       |
| Silicon Laborat. | EFM32TG11B140F64 [QFN32]   | (4668)       |
| Silicon Laborat. | EFM32TG11B140F64 [QFN64]   | (1565)       |
| Silicon Laborat. | EFM32TG11B140F64 [QFP64]   | (2610)       |
| Silicon Laborat. | EFM32TG11B320F128 (ISP)    | (138) (9997) |
| Silicon Laborat. | EFM32TG11B320F128 [LQFP48] | (2424)       |
| Silicon Laborat. | EFM32TG11B320F128 [QFN64]  | (1565)       |
| Silicon Laborat. | EFM32TG11B320F128 [QFP64]  | (2610)       |
| Silicon Laborat. | EFM32TG11B340F64 (ISP)     | (138) (9997) |
| Silicon Laborat. | EFM32TG11B340F64 [LQFP48]  | (2424)       |
| Silicon Laborat. | EFM32TG11B340F64 [QFN64]   | (1565)       |
| Silicon Laborat. | EFM32TG11B340F64 [QFP64]   | (2610)       |
| Silicon Laborat. | EFM32TG11B520F128 (ISP)    | (138) (9997) |
| Silicon Laborat. | EFM32TG11B520F128 [LQFP48] | (4652)       |
| Silicon Laborat. | EFM32TG11B520F128 [QFN32]  | (4653)       |
| Silicon Laborat. | EFM32TG11B520F128 [QFN64]  | (4651)       |
| Silicon Laborat. | EFM32TG11B520F128 [QFP64]  | (4650)       |
| Silicon Laborat. | EFM32TG11B520F128 [QFP80]  | (4649)       |
| Silicon Laborat. | EFM32TG11B540F64 (ISP)     | (138) (9997) |
| Silicon Laborat. | EFM32TG11B540F64 [LQFP48]  | (4652)       |
| Silicon Laborat. | EFM32TG11B540F64 [QFN32]   | (4653)       |
| Silicon Laborat. | EFM32TG11B540F64 [QFN64]   | (4651)       |
| Silicon Laborat. | EFM32TG11B540F64 [QFP64]   | (4650)       |
| Silicon Laborat. | EFM32TG11B540F64 [QFP80]   | (4649)       |
| Silicon Laborat. | EFM32TG210F16 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG210F16 [QFN32]      | (1566)       |
| Silicon Laborat. | EFM32TG210F32 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG210F32 [QFN32]      | (1566)       |
| Silicon Laborat. | EFM32TG210F8 (ISP)         | (138) (9997) |
| Silicon Laborat. | EFM32TG210F8 [QFN32]       | (1566)       |
| Silicon Laborat. | EFM32TG222F16 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG222F16 [LQFP48]     | (2424)       |
| Silicon Laborat. | EFM32TG222F32 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG222F32 [LQFP48]     | (2424)       |
| Silicon Laborat. | EFM32TG222F8 (ISP)         | (138) (9997) |
| Silicon Laborat. | EFM32TG222F8 [LQFP48]      | (2424)       |
| Silicon Laborat. | EFM32TG225F16 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG225F16 [BGA48]      | (3252)       |
| Silicon Laborat. | EFM32TG225F32 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG225F32 [BGA48]      | (3252)       |
| Silicon Laborat. | EFM32TG225F8 (ISP)         | (138) (9997) |
| Silicon Laborat. | EFM32TG225F8 [BGA48]       | (3252)       |
| Silicon Laborat. | EFM32TG230F16 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG230F16 [QFN64]      | (1565)       |
| Silicon Laborat. | EFM32TG230F32 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG230F32 [QFN64]      | (1565)       |
| Silicon Laborat. | EFM32TG230F8 (ISP)         | (138) (9997) |
| Silicon Laborat. | EFM32TG230F8 [QFN64]       | (1565)       |
| Silicon Laborat. | EFM32TG232F16 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG232F16 [QFP64]      | (2610)       |
| Silicon Laborat. | EFM32TG232F32 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG232F32 [QFP64]      | (2610)       |
| Silicon Laborat. | EFM32TG232F8 (ISP)         | (138) (9997) |
| Silicon Laborat. | EFM32TG232F8 [QFP64]       | (2610)       |
| Silicon Laborat. | EFM32TG822F16 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG822F16 [LQFP48]     | (2424)       |
| Silicon Laborat. | EFM32TG822F32 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG822F32 [LQFP48]     | (2424)       |
| Silicon Laborat. | EFM32TG822F8 (ISP)         | (138) (9997) |
| Silicon Laborat. | EFM32TG822F8 [LQFP48]      | (2424)       |
| Silicon Laborat. | EFM32TG825F16 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG825F16 [BGA48]      | (3252)       |
| Silicon Laborat. | EFM32TG825F32 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG825F32 [BGA48]      | (3252)       |
| Silicon Laborat. | EFM32TG825F8 (ISP)         | (138) (9997) |
| Silicon Laborat. | EFM32TG825F8 [BGA48]       | (3252)       |
| Silicon Laborat. | EFM32TG840F16 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG840F16 [QFN64]      | (1565)       |
| Silicon Laborat. | EFM32TG840F32 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG840F32 [QFN64]      | (1565)       |
| Silicon Laborat. | EFM32TG840F8 (ISP)         | (138) (9997) |
| Silicon Laborat. | EFM32TG840F8 [QFN64]       | (1565)       |
| Silicon Laborat. | EFM32TG842F16 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG842F16 [QFP64]      | (2610)       |
| Silicon Laborat. | EFM32TG842F32 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32TG842F32 [QFP64]      | (2610)       |
| Silicon Laborat. | EFM32TG842F8 (ISP)         | (138) (9997) |
| Silicon Laborat. | EFM32TG842F8 [QFP64]       | (2610)       |
| Silicon Laborat. | EFM32WG230F128 (ISP)       | (138) (9997) |
| Silicon Laborat. | EFM32WG230F128 [QFN64]     | (1565)       |
| Silicon Laborat. | EFM32WG230F256 (ISP)       | (138) (9997) |
| Silicon Laborat. | EFM32WG230F256 [QFN64]     | (1565)       |
| Silicon Laborat. | EFM32WG230F64 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32WG230F64 [QFN64]      | (1565)       |
| Silicon Laborat. | EFM32WG232F128 (ISP)       | (138) (9997) |
| Silicon Laborat. | EFM32WG232F128 [QFP64]     | (2610)       |
| Silicon Laborat. | EFM32WG232F256 (ISP)       | (138) (9997) |
| Silicon Laborat. | EFM32WG232F256 [QFP64]     | (2610)       |
| Silicon Laborat. | EFM32WG232F64 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32WG232F64 [QFP64]      | (2610)       |
| Silicon Laborat. | EFM32WG280F128 (ISP)       | (138) (9997) |
| Silicon Laborat. | EFM32WG280F128 [QFP100]    | (1564)       |
| Silicon Laborat. | EFM32WG280F256 (ISP)       | (138) (9997) |
| Silicon Laborat. | EFM32WG280F256 [QFP100]    | (1564)       |
| Silicon Laborat. | EFM32WG280F64 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32WG280F64 [QFP100]     | (1564)       |
| Silicon Laborat. | EFM32WG290F128 (ISP)       | (138) (9997) |
| Silicon Laborat. | EFM32WG290F128 [BGA112]    | (1588)       |
| Silicon Laborat. | EFM32WG290F256 (ISP)       | (138) (9997) |
| Silicon Laborat. | EFM32WG290F256 [BGA112]    | (1588)       |
| Silicon Laborat. | EFM32WG290F64 (ISP)        | (138) (9997) |
| Silicon Laborat. | EFM32WG290F64 [BGA112]     | (1588)       |
| Silicon Laborat. | EFM32WG295F128 (ISP)       | (138) (9997) |

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| Silicon Laborat. | EFM32ZG222F32 [LQFP48]      | (2424)       |
| Silicon Laborat. | EFM32ZG222F4 (ISP)          | (138) (9997) |
| Silicon Laborat. | EFM32ZG222F4 [LQFP48]       | (2424)       |
| Silicon Laborat. | EFM32ZG222F8 (ISP)          | (138) (9997) |
| Silicon Laborat. | EFM32ZG222F8 [LQFP48]       | (2424)       |
| Silicon Laborat. | EFM88B10F2 (ISP)            | (138) (9997) |
| Silicon Laborat. | EFM88B10F2 [QFN20]          | (2302)       |
| Silicon Laborat. | EFM88B10F4 (ISP)            | (138) (9997) |
| Silicon Laborat. | EFM88B10F4 [QFN20]          | (2302)       |
| Silicon Laborat. | EFM88B10F8 (ISP)            | (138) (9997) |
| Silicon Laborat. | EFM88B10F8 [QFN20]          | (2302)       |
| Silicon Laborat. | EFM88B10F8 [QSOP24]         | (2341)       |
| Silicon Laborat. | EFM88B10F8 [SOIC16]         | (44)         |
| Silicon Laborat. | EFM88B21F16 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM88B21F16 [QFN20]         | (2302)       |
| Silicon Laborat. | EFM88B21F16 [QSOP24]        | (2341)       |
| Silicon Laborat. | EFM88B22F16 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM88B22F16 [QFN28]         | (1245)       |
| Silicon Laborat. | EFM88B31F16 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM88B31F16 [QFN32]         | (3653)       |
| Silicon Laborat. | EFM88B31F16 [QFP32]         | (159)        |
| Silicon Laborat. | EFM88B31F16 [QSOP24]        | (2341)       |
| Silicon Laborat. | EFM88B31F32 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM88B31F32 [QFN24]         | (3652)       |
| Silicon Laborat. | EFM88B31F32 [QFN32]         | (3653)       |
| Silicon Laborat. | EFM88B31F32 [QFP32]         | (159)        |
| Silicon Laborat. | EFM88B31F32 [QSOP24]        | (2341)       |
| Silicon Laborat. | EFM88B31F64 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM88B31F64 [QFN24]         | (3652)       |
| Silicon Laborat. | EFM88B31F64 [QFN32]         | (3653)       |
| Silicon Laborat. | EFM88B31F64 [QFP32]         | (159)        |
| Silicon Laborat. | EFM88B31F64 [QSOP24]        | (2341)       |
| Silicon Laborat. | EFM8LB10F16 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM8LB10F16 [QFN24]         | (3652)       |
| Silicon Laborat. | EFM8LB10F16 [QFN32]         | (3653)       |
| Silicon Laborat. | EFM8LB10F16 [QFP32]         | (159)        |
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| Silicon Laborat. | EFM8LB11F16 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM8LB11F16 [QFN24]         | (3652)       |
| Silicon Laborat. | EFM8LB11F16 [QFN32]         | (3653)       |
| Silicon Laborat. | EFM8LB11F16 [QFP32]         | (159)        |
| Silicon Laborat. | EFM8LB11F16 [QSOP24]        | (2341)       |
| Silicon Laborat. | EFM8LB11F32 (ISP)           | (138) (9997) |
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| Silicon Laborat. | EFM8LB11F32 [QFN32]         | (3653)       |
| Silicon Laborat. | EFM8LB11F32 [QFP32]         | (159)        |
| Silicon Laborat. | EFM8LB11F32 [QSOP24]        | (2341)       |
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| Silicon Laborat. | EFM8LB12F32 [QFP32]         | (159)        |
| Silicon Laborat. | EFM8LB12F32 [QSOP24]        | (2341)       |
| Silicon Laborat. | EFM8LB12F64 (ISP)           | (138) (9997) |
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| Silicon Laborat. | EFM8LB12F64 [QFN32]         | (3653)       |
| Silicon Laborat. | EFM8LB12F64 [QFP32]         | (159)        |
| Silicon Laborat. | EFM8LB12F64 [QSOP24]        | (2341)       |
| Silicon Laborat. | EFM8SB10F2 (ISP)            | (138) (9997) |
| Silicon Laborat. | EFM8SB10F2 [QFN20]          | (2302)       |
| Silicon Laborat. | EFM8SB10F4 (ISP)            | (138) (9997) |
| Silicon Laborat. | EFM8SB10F4 [QFN20]          | (2302)       |
| Silicon Laborat. | EFM8SB10F8 (ISP)            | (138) (9997) |
| Silicon Laborat. | EFM8SB10F8 [CSP16]          | (3563)       |
| Silicon Laborat. | EFM8SB10F8 [QFN20]          | (2302)       |
| Silicon Laborat. | EFM8SB10F8 [QFN24]          | (731)        |
| Silicon Laborat. | EFM8SB10F8 [QSOP24]         | (2341)       |
| Silicon Laborat. | EFM8SB20F16 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM8SB20F16 [QFN24]         | (731)        |
| Silicon Laborat. | EFM8SB20F32 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM8SB20F32 [QFN24]         | (731)        |
| Silicon Laborat. | EFM8SB20F32 [QFN32]         | (1294)       |
| Silicon Laborat. | EFM8SB20F32 [QFP32]         | (159)        |
| Silicon Laborat. | EFM8SB20F64 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM8SB20F64 [QFN24]         | (731)        |
| Silicon Laborat. | EFM8SB20F64 [QFN32]         | (1294)       |
| Silicon Laborat. | EFM8SB20F64 [QFP32]         | (159)        |
| Silicon Laborat. | EFM8UB10F16 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM8UB10F16 [QFN20]         | (2302)       |
| Silicon Laborat. | EFM8UB10F16 [QFN28]         | (1245)       |
| Silicon Laborat. | EFM8UB10F8 (ISP)            | (138) (9997) |
| Silicon Laborat. | EFM8UB10F8 [QFN20]          | (2302)       |
| Silicon Laborat. | EFM8UB11F16 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM8UB11F16 [QSOP24]        | (2341)       |
| Silicon Laborat. | EFM8UB20F32 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM8UB20F32 [QFN32]         | (1294)       |
| Silicon Laborat. | EFM8UB20F32 [QFP32]         | (159)        |
| Silicon Laborat. | EFM8UB20F32 [QFP48]         | (174)        |
| Silicon Laborat. | EFM8UB20F64 (ISP)           | (138) (9997) |
| Silicon Laborat. | EFM8UB20F64 [QFN32]         | (1294)       |
| Silicon Laborat. | EFM8UB20F64 [QFP32]         | (159)        |
| Silicon Laborat. | EFM8UB20F64 [QFP48]         | (174)        |
| Silicon Laborat. | EFR32BG12P132F1024 (ISP)    | (138) (9997) |
| Silicon Laborat. | EFR32BG12P132F1024 [BGA125] | (4246)       |
| Silicon Laborat. | EFR32BG12P132F1024 [QFN48]  | (3645)       |
| Silicon Laborat. | EFR32BG12P232F1024 (ISP)    | (138) (9997) |
| Silicon Laborat. | EFR32BG12P232F1024 [BGA125] | (4246)       |
| Silicon Laborat. | EFR32BG12P232F1024 [QFN48]  | (3645)       |
| Silicon Laborat. | EFR32BG12P232F1024 [QFN68]  | (4714)       |
| Silicon Laborat. | EFR32BG12P232F512 (ISP)     | (138) (9997) |
| Silicon Laborat. | EFR32BG12P232F512 [QFN68]   | (4714)       |
| Silicon Laborat. | EFR32BG12P332F1024 (ISP)    | (138) (9997) |
| Silicon Laborat. | EFR32BG12P332F1024 [BGA125] | (4246)       |
| Silicon Laborat. | EFR32BG12P332F1024 [QFN48]  | (3645)       |
| Silicon Laborat. | EFR32BG12P432F1024 (ISP)    | (138) (9997) |
| Silicon Laborat. | EFR32BG12P432F1024 [BGA125] | (4246)       |
| Silicon Laborat. | EFR32BG12P432F1024 [QFN48]  | (3645)       |
| Silicon Laborat. | EFR32BG12P433F1024 (ISP)    | (138) (9997) |
| Silicon Laborat. | EFR32BG12P433F1024 [BGA125] | (4246)       |
| Silicon Laborat. | EFR32BG12P433F1024 [QFN48]  | (3645)       |
| Silicon Laborat. | EFR32BG12P433F1024 [QFN68]  | (4714)       |
| Silicon Laborat. | EFR32BG13P532F512 (ISP)     | (138) (9997) |
| Silicon Laborat. | EFR32BG13P532F512 [QFN32]   | (3644)       |
| Silicon Laborat. | EFR32BG13P532F512 [QFN48]   | (3645)       |
| Silicon Laborat. | EFR32BG13P632F512 (ISP)     | (138) (9997) |
| Silicon Laborat. | EFR32BG13P632F512 [QFN32]   | (3644)       |
| Silicon Laborat. | EFR32BG13P632F512 [QFN48]   | (3645)       |
| Silicon Laborat. | EFR32BG13P732F512 (ISP)     | (138) (9997) |
| Silicon Laborat. | EFR32BG13P732F512 [QFN32]   | (3644)       |
| Silicon Laborat. | EFR32BG13P732F512 [QFN48]   | (3645)       |
| Silicon Laborat. | EFR32BG13P733F512 (ISP)     | (138) (9997) |
| Silicon Laborat. | EFR32BG13P733F512 [QFN48]   | (3645)       |
| Silicon Laborat. | EFR32BG14P532F256 (ISP)     | (138) (9997) |
| Silicon Laborat. | EFR32BG14P532F256 [QFN32]   | (3644)       |
| Silicon Laborat. | EFR32BG14P532F256 [QFN48]   | (3645)       |
| Silicon Laborat. | EFR32BG14P632F256 (ISP)     | (138) (9997) |
| Silicon Laborat. | EFR32BG14P632F256 [QFN32]   | (3644)       |
| Silicon Laborat. | EFR32BG14P632F256 [QFN48]   | (3645)       |
| Silicon Laborat. | EFR32BG14P732F256 (ISP)     | (138) (9997) |

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|                  |                    |                      |               |
|------------------|--------------------|----------------------|---------------|
| Silicon Laborat. | EFR32MG14P732F256  | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EFR32MG14P732F256  | [QFN32]              | (3644)        |
| Silicon Laborat. | EFR32MG14P732F256  | [QFN48]              | (3645)        |
| Silicon Laborat. | EFR32MG14P733F256  | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EFR32MG14P733F256  | [QFN48]              | (3645)        |
| Silicon Laborat. | EFR32MG1BxxxF256   | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EFR32MG1BxxxF256   | [QFN32]              | (3644)        |
| Silicon Laborat. | EFR32MG1BxxxF256   | [QFN48]              | (3645)        |
| Silicon Laborat. | EFR32MG1P132F256   | [QFN32]              | (3644)        |
| Silicon Laborat. | EFR32MG1P132F256   | [QFN48]              | (3645)        |
| Silicon Laborat. | EFR32MG1P133F256   | [QFN48]              | (3645)        |
| Silicon Laborat. | EFR32MG1P232F256   | [QFN32]              | (3644)        |
| Silicon Laborat. | EFR32MG1P232F256   | [QFN48]              | (3645)        |
| Silicon Laborat. | EFR32MG1P233F256   | [QFN48]              | (3645)        |
| Silicon Laborat. | EFR32MG1P632F256   | [QFN32]              | (3644)        |
| Silicon Laborat. | EFR32MG1P732F256   | [QFN32]              | (3644)        |
| Silicon Laborat. | EFR32MG1PxxxF256   | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EFR32MG1VxxxF256   | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EFR32MG1VxxxF256   | [QFN32]              | (3644)        |
| Silicon Laborat. | EFR32MG1VxxxF256   | [QFN48]              | (3645)        |
| Silicon Laborat. | EM341              | [QFN48]              | (4023) (9999) |
| Silicon Laborat. | EM342              | [QFN48]              | (4023) (9999) |
| Silicon Laborat. | EM346              | [QFN48]              | (4023) (9999) |
| Silicon Laborat. | EM351              | [QFN48]              | (4023) (9999) |
| Silicon Laborat. | EM357              | [QFN48]              | (4023) (9999) |
| Silicon Laborat. | EM3581             | [QFN48]              | (4023) (9999) |
| Silicon Laborat. | EM3582             | [QFN48]              | (4023) (9999) |
| Silicon Laborat. | EM3585             | [QFN48]              | (4023) (9999) |
| Silicon Laborat. | EM3586             | [QFN48]              | (4023) (9999) |
| Silicon Laborat. | EM3587             | [QFN48]              | (4023) (9999) |
| Silicon Laborat. | EM3588             | [QFN48]              | (4023) (9999) |
| Silicon Laborat. | EM3591             | [QFN56]              | (4040) (9999) |
| Silicon Laborat. | EM3592             | [QFN56]              | (4040) (9999) |
| Silicon Laborat. | EM3595             | [QFN56]              | (4040) (9999) |
| Silicon Laborat. | EM3596             | [QFN56]              | (4040) (9999) |
| Silicon Laborat. | EM3597             | [QFN56]              | (4040) (9999) |
| Silicon Laborat. | EM3598             | [QFN56]              | (4040) (9999) |
| Silicon Laborat. | EZR32HG220F32Rxxx  | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32HG220F32Rxxx  | [QFN48]              | (3938)        |
| Silicon Laborat. | EZR32HG220F64Rxxx  | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32HG220F64Rxxx  | [QFN48]              | (3938)        |
| Silicon Laborat. | EZR32HG320F32Rxxx  | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32HG320F32Rxxx  | [QFN48]              | (3938)        |
| Silicon Laborat. | EZR32HG320F64Rxxx  | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32HG320F64Rxxx  | [QFN48]              | (3938)        |
| Silicon Laborat. | EZR32LG230F128Rxxx | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32LG230F128Rxxx | [QFN64]              | (3622)        |
| Silicon Laborat. | EZR32LG230F256Rxxx | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32LG230F256Rxxx | [QFN64]              | (3622)        |
| Silicon Laborat. | EZR32LG230F64Rxxx  | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32LG230F64Rxxx  | [QFN64]              | (3622)        |
| Silicon Laborat. | EZR32LG330F128Rxxx | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32LG330F128Rxxx | [QFN64]              | (3622)        |
| Silicon Laborat. | EZR32LG330F256Rxxx | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32LG330F256Rxxx | [QFN64]              | (3622)        |
| Silicon Laborat. | EZR32LG330F64Rxxx  | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32LG330F64Rxxx  | [QFN64]              | (3622)        |
| Silicon Laborat. | EZR32WG230F128Rxxx | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32WG230F128Rxxx | [QFN64]              | (3622)        |
| Silicon Laborat. | EZR32WG230F256Rxxx | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32WG230F256Rxxx | [QFN64]              | (3622)        |
| Silicon Laborat. | EZR32WG230F64Rxxx  | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32WG230F64Rxxx  | [QFN64]              | (3622)        |
| Silicon Laborat. | EZR32WG330F128Rxxx | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32WG330F128Rxxx | [QFN64]              | (3622)        |
| Silicon Laborat. | EZR32WG330F256Rxxx | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32WG330F256Rxxx | [QFN64]              | (3622)        |
| Silicon Laborat. | EZR32WG330F64Rxxx  | (ISP)                | (138) (9997)  |
| Silicon Laborat. | EZR32WG330F64Rxxx  | [QFN64]              | (3622)        |
| Silicon Laborat. | Si1000-C           | (ISP)                | (138)         |
| Silicon Laborat. | Si1000-C           | [QFN42]              | (1581)        |
| Silicon Laborat. | Si1000-E           | (ISP)                | (138)         |
| Silicon Laborat. | Si1000-E           | [LGA42]              | (1581)        |
| Silicon Laborat. | Si1001-C           | (ISP)                | (138)         |
| Silicon Laborat. | Si1001-C           | [QFN42]              | (1581)        |
| Silicon Laborat. | Si1001-E           | (ISP)                | (138)         |
| Silicon Laborat. | Si1001-E           | [LGA42]              | (1581)        |
| Silicon Laborat. | Si1002-C           | (ISP)                | (138)         |
| Silicon Laborat. | Si1002-C           | [QFN42]              | (1581)        |
| Silicon Laborat. | Si1002-E           | (ISP)                | (138)         |
| Silicon Laborat. | Si1002-E           | [LGA42]              | (1581)        |
| Silicon Laborat. | Si1003-C           | (ISP)                | (138)         |
| Silicon Laborat. | Si1003-C           | [QFN42]              | (1581)        |
| Silicon Laborat. | Si1003-E           | (ISP)                | (138)         |
| Silicon Laborat. | Si1003-E           | [LGA42]              | (1581)        |
| Silicon Laborat. | Si1004-C           | (ISP dual-cell mode) | (138)         |
| Silicon Laborat. | Si1004-C           | [QFN42]              | (2747)        |
| Silicon Laborat. | Si1005-C           | (ISP dual-cell mode) | (138)         |
| Silicon Laborat. | Si1005-C           | [QFN42]              | (2747)        |
| Silicon Laborat. | Si1010-A           | (ISP)                | (138)         |
| Silicon Laborat. | Si1010-A           | [QFN42]              | (1581)        |
| Silicon Laborat. | Si1010-C           | (ISP)                | (138)         |
| Silicon Laborat. | Si1010-C           | [QFN42]              | (1581)        |
| Silicon Laborat. | Si1011-A           | (ISP)                | (138)         |
| Silicon Laborat. | Si1011-A           | [QFN42]              | (1581)        |
| Silicon Laborat. | Si1011-C           | (ISP)                | (138)         |
| Silicon Laborat. | Si1011-C           | [QFN42]              | (1581)        |
| Silicon Laborat. | Si1012-A           | (ISP)                | (138)         |
| Silicon Laborat. | Si1012-A           | [QFN42]              | (1581)        |
| Silicon Laborat. | Si1012-C           | (ISP)                | (138)         |
| Silicon Laborat. | Si1012-C           | [QFN42]              | (1581)        |
| Silicon Laborat. | Si1013-A           | (ISP)                | (138)         |
| Silicon Laborat. | Si1013-A           | [QFN42]              | (1581)        |
| Silicon Laborat. | Si1013-C           | (ISP)                | (138)         |
| Silicon Laborat. | Si1013-C           | [QFN42]              | (1581)        |
| Silicon Laborat. | Si1014-A           | (ISP dual-cell mode) | (138)         |
| Silicon Laborat. | Si1014-A           | [QFN42]              | (2747)        |
| Silicon Laborat. | Si1014-C           | (ISP dual-cell mode) | (138)         |
| Silicon Laborat. | Si1014-C           | [QFN42]              | (2747)        |
| Silicon Laborat. | Si1015-A           | (ISP dual-cell mode) | (138)         |
| Silicon Laborat. | Si1015-A           | [QFN42]              | (2747)        |
| Silicon Laborat. | Si1015-C           | (ISP dual-cell mode) | (138)         |
| Silicon Laborat. | Si1015-C           | [QFN42]              | (2747)        |
| Silicon Laborat. | Si4010-B1          | (ISP)                | (138)         |
| Silicon Laborat. | Si4010-B1          | [MSOP10]             | (984)         |
| Silicon Laborat. | Si4010-B1          | [SOIC14]             | (951)         |
| Silicon Laborat. | Si4010-C2          | (ISP)                | (138)         |
| Silicon Laborat. | Si4010-C2          | [MSOP10]             | (984)         |
| Silicon Laborat. | Si4010-C2          | [SOIC14]             | (951)         |
| Silicon Laborat. | Si5341A-D          | [QFN64]              | (4326)        |
| Silicon Laborat. | Si5345A-D          | [QFN64]              | (4326)        |
| Silicon Laborat. | SiM3C134           | [QFN40]              | (2978)        |
| Silicon Laborat. | SiM3C136           | [QFN64]              | (3016)        |
| Silicon Laborat. | SiM3C136           | [TQFP64]             | (3018)        |
| Silicon Laborat. | SiM3C144           | [QFN40]              | (2978)        |
| Silicon Laborat. | SiM3C146           | [QFN64]              | (3016)        |
| Silicon Laborat. | SiM3C146           | [TQFP64]             | (3018)        |
| Silicon Laborat. | SiM3C154           | [QFN40]              | (2978)        |

|         |          |              |              |              |
|---------|----------|--------------|--------------|--------------|
| silicon | Laborat. | SiM3C156     | [QFN64]      | (3016)       |
| silicon | Laborat. | SiM3C156     | [TQFP64]     | (3018)       |
| silicon | Laborat. | SiM3C157     | [LGA92]      | (3168)       |
| silicon | Laborat. | SiM3C157     | [TQFP80]     | (2814)       |
| silicon | Laborat. | SiM3C164     | [QFN40]      | (2978)       |
| silicon | Laborat. | SiM3C166     | [QFN64]      | (3016)       |
| silicon | Laborat. | SiM3C166     | [TQFP64]     | (3018)       |
| silicon | Laborat. | SiM3C167     | [LGA92]      | (3168)       |
| silicon | Laborat. | SiM3C167     | [TQFP80]     | (2814)       |
| silicon | Laborat. | SiM3L134     | [QFN40]      | (2979)       |
| silicon | Laborat. | SiM3L136     | [QFN64]      | (3017)       |
| silicon | Laborat. | SiM3L136     | [TQFP64]     | (3019)       |
| silicon | Laborat. | SiM3L144     | [QFN40]      | (2979)       |
| silicon | Laborat. | SiM3L146     | [QFN64]      | (3017)       |
| silicon | Laborat. | SiM3L146     | [TQFP64]     | (3019)       |
| silicon | Laborat. | SiM3L154     | [QFN40]      | (2979)       |
| silicon | Laborat. | SiM3L156     | [QFN64]      | (3017)       |
| silicon | Laborat. | SiM3L156     | [TQFP64]     | (3019)       |
| silicon | Laborat. | SiM3L157     | [TQFP80]     | (2980)       |
| silicon | Laborat. | SiM3L164     | [QFN40]      | (2979)       |
| silicon | Laborat. | SiM3L166     | [QFN64]      | (3017)       |
| silicon | Laborat. | SiM3L166     | [TQFP64]     | (3019)       |
| silicon | Laborat. | SiM3L167     | [TQFP80]     | (2980)       |
| silicon | Laborat. | SiM3U134     | [QFN40]      | (2978)       |
| silicon | Laborat. | SiM3U136     | [QFN64]      | (3016)       |
| silicon | Laborat. | SiM3U136     | [TQFP64]     | (3018)       |
| silicon | Laborat. | SiM3U144     | [QFN40]      | (2978)       |
| silicon | Laborat. | SiM3U146     | [QFN64]      | (3016)       |
| silicon | Laborat. | SiM3U146     | [TQFP64]     | (3018)       |
| silicon | Laborat. | SiM3U154     | [QFN40]      | (2978)       |
| silicon | Laborat. | SiM3U156     | [QFN64]      | (3016)       |
| silicon | Laborat. | SiM3U156     | [TQFP64]     | (3018)       |
| silicon | Laborat. | SiM3U157     | [LGA92]      | (3168)       |
| silicon | Laborat. | SiM3U157     | [TQFP80]     | (2814)       |
| silicon | Laborat. | SiM3U164     | [QFN40]      | (2978)       |
| silicon | Laborat. | SiM3U166     | [QFN64]      | (3016)       |
| silicon | Laborat. | SiM3U166     | [TQFP64]     | (3018)       |
| silicon | Laborat. | SiM3U167     | [LGA92]      | (3168)       |
| silicon | Laborat. | SiM3U167     | [TQFP80]     | (2814)       |
| silicon | Laborat. | ZM5202 (ISP) | (Custom-01)  | (138) (9999) |
| simtek  |          | STK10C48     |              |              |
| simtek  |          | STK10C48     | [SOIC28-300] | (51)         |
| simtek  |          | STK10C48     | [SOIC28-350] | (53)         |
| simtek  |          | STK10C68     |              |              |
| simtek  |          | STK10C68     | [SOIC28-350] | (53)         |
| simtek  |          | STK11C48     |              |              |
| simtek  |          | STK11C48     | [SOIC28-300] | (51)         |
| simtek  |          | STK11C48     | [SOIC28-350] | (53)         |
| simtek  |          | STK11C68     |              |              |
| simtek  |          | STK11C68     | [SOIC28-350] | (53)         |
| simtek  |          | STK11C88     |              |              |
| simtek  |          | STK11C88     | [SOIC28-300] | (51)         |
| simtek  |          | STK11C88     | [SOIC28-350] | (53)         |
| simtek  |          | STK11C88-3   |              |              |
| simtek  |          | STK11C88-3   | [SOIC28-300] | (51)         |
| simtek  |          | STK11C88-3   | [SOIC28-350] | (53)         |
| simtek  |          | STK12C68     |              |              |
| simtek  |          | STK12C68     | [SOIC28-350] | (53)         |
| simtek  |          | STK14C88     |              |              |
| simtek  |          | STK14C88     | [LCC32]      | (561)        |
| simtek  |          | STK14C88-3   |              |              |
| simtek  |          | STK14C88-3   | [SOIC32]     | (233)        |
| simtek  |          | STK14C88-5   |              |              |
| simtek  |          | STK14C88-5   | [LCC32]      | (561)        |
| simtek  |          | STK14CA8     | [SOIC32]     | (233)        |
| simtek  |          | STK14CA8     | [SSOP48]     | (194)        |
| simtek  |          | STK14D88     | [SOIC32]     | (233)        |
| simtek  |          | STK14D88     | [SSOP48]     | (194)        |
| simtek  |          | STK15C68     |              |              |
| simtek  |          | STK15C68     | [SOIC28-350] | (53)         |
| simtek  |          | STK15C88     |              |              |
| simtek  |          | STK15C88     | [SOIC28-300] | (51)         |
| simtek  |          | STK15C88     | [SOIC28-350] | (53)         |
| simtek  |          | STK15C88-3   |              |              |
| simtek  |          | STK15C88-3   | [SOIC28-300] | (51)         |
| simtek  |          | STK15C88-3   | [SOIC28-350] | (53)         |
| simtek  |          | STK16C68     |              |              |
| simtek  |          | STK16C88     |              |              |
| simtek  |          | STK16C88     | [SOIC28-350] | (53)         |
| simtek  |          | STK16C88-3   |              |              |
| simtek  |          | STK16CA8     |              |              |
| simtek  |          | STK1743      |              |              |
| simtek  |          | STK1744      |              |              |
| simtek  |          | STK17C88     |              |              |
| simtek  |          | STK17C88     | [SSOP48]     | (194)        |
| simtek  |          | STK17CA8     |              |              |
| simtek  |          | STK17CA8     | [SSOP48]     | (194)        |
| simtek  |          | STK17TA8     | [SSOP48]     | (194)        |
| simtek  |          | STK20C04     |              |              |
| simtek  |          | STK22C48     |              |              |
| simtek  |          | STK22C48     | [SOIC28-300] | (51)         |
| simtek  |          | STK22C48     | [SOIC28-350] | (53)         |
| simtek  |          | STK25C48     |              |              |
| simtek  |          | STK25CA8     |              |              |
| simtek  |          | U630H16      |              |              |
| simtek  |          | U630H16      | [PLCC32]     | (59)         |
| simtek  |          | U630H16      | [SOP28]      | (51)         |
| simtek  |          | U630H64      |              |              |
| simtek  |          | U630H64      | [SOP28]      | (53)         |
| simtek  |          | U631H16      |              |              |
| simtek  |          | U631H16      | [SOP28]      | (51)         |
| simtek  |          | U631H256     |              |              |
| simtek  |          | U631H256     | [SOP28]      | (53)         |
| simtek  |          | U631H64      |              |              |
| simtek  |          | U631H64      | [SOP28]      | (53)         |
| simtek  |          | U632H16      |              |              |
| simtek  |          | U632H16      | [SOIC28]     | (51)         |
| simtek  |          | U632H64      |              |              |
| simtek  |          | U632H64      | [SOIC28]     | (53)         |
| simtek  |          | U634H256     |              |              |
| simtek  |          | U634H256     | [SOIC32]     | (98)         |
| simtek  |          | U635H16      |              |              |
| simtek  |          | U635H16      | [SOP24]      | (1062)       |
| simtek  |          | U635H256     |              |              |
| simtek  |          | U635H256     | [SOP28]      | (53)         |
| simtek  |          | U635H64      |              |              |
| simtek  |          | U635H64      | [SOP28]      | (53)         |
| simtek  |          | U63716       |              |              |
| simtek  |          | U637256      |              |              |
| simtek  |          | U63764       |              |              |
| simtek  |          | U637H256     |              |              |
| simtek  |          | UL631H256    |              |              |
| simtek  |          | UL631H256    | [SOIC28]     | (53)         |
| simtek  |          | UL631H256    | [TSOP32]     | (655)        |
| simtek  |          | UL634H256    | [SOIC32]     | (233)        |
| simtek  |          | UL634H256    | [TSOP32]     | (655)        |
| simtek  |          | UL635H256    | [SOIC32]     | (233)        |
| simtek  |          | UL635H256    | [TSOP32]     | (655)        |

|               |                                   |                    |  |
|---------------|-----------------------------------|--------------------|--|
| sino wealth   | SH66P31B                          |                    |  |
| sino wealth   | SH66P31B (ISP)                    | (138)              |  |
| sino wealth   | SH66P31BM [SOP20]                 | (119)              |  |
| sino wealth   | SH66P31BX [TSSOP20]               | (1089)             |  |
| sino wealth   | SH67P30 [SOIC16]                  | (2969) (9999)      |  |
| sino wealth   | SH67P33                           |                    |  |
| sino wealth   | SH67P33 (ISP)                     | (138)              |  |
| sino wealth   | SH67P33C                          |                    |  |
| sino wealth   | SH67P33C (ISP)                    | (138)              |  |
| sino wealth   | SH67P33CM [SOP20]                 | (119)              |  |
| sino wealth   | SH67P33CX [TSSOP20]               | (1089)             |  |
| sino wealth   | SH67P33M [SOP20]                  | (119)              |  |
| sino wealth   | SH67P33X [TSSOP20]                | (1089)             |  |
| sino wealth   | SH69P20C                          |                    |  |
| sino wealth   | SH69P20C (ISP)                    | (138)              |  |
| sino wealth   | SH69P20CM [SOP18]                 | (1061)             |  |
| sino wealth   | SH69P25K                          |                    |  |
| sino wealth   | SH69P25M [SOP28]                  | (51)               |  |
| sino wealth   | SH69P26                           |                    |  |
| sino wealth   | SH69P26 (ISP)                     | (138)              |  |
| sino wealth   | SH69P26K                          |                    |  |
| sino wealth   | SH69P26M [SOP28]                  | (51)               |  |
| sino wealth   | SH69P42                           |                    |  |
| sino wealth   | SH69P42 (ISP)                     | (138)              |  |
| sino wealth   | SH69P42M [SOP20]                  | (119)              |  |
| sino wealth   | SH69P43                           |                    |  |
| sino wealth   | SH69P43 (ISP)                     | (138)              |  |
| sino wealth   | SH69P43M [SOP28]                  | (51)               |  |
| sino wealth   | SH69P48 (ISP)                     | (138)              |  |
| sino wealth   | SH69P48D [PDIP16]                 |                    |  |
| sino wealth   | SH69P48D [PDIP20]                 |                    |  |
| sino wealth   | SH69P48D [PDIP8]                  |                    |  |
| sino wealth   | SH69P48M [SOP20]                  | (119)              |  |
| sino wealth   | SH69P561F (ISP)                   | (138)              |  |
| sino wealth   | SH69P561F [QFP44]                 | (108)              |  |
| sino wealth   | SH69P56F [QFP64]                  | (1000)             |  |
| sino wealth   | SH69P801 (ISP)                    | (138)              |  |
| sino wealth   | SH69P801D                         |                    |  |
| sino wealth   | SH69P822 (ISP)                    | (138)              |  |
| sino wealth   | SH69P822D                         |                    |  |
| SK Hynix      | H26M21001FPR [FBGA153]            | (2667) (*1)        |  |
| SK Hynix      | H26M31001HPR [FBGA153]            | (2667) (*1)        |  |
| SK Hynix      | H26M31001HPR [FBGA153] (LgA)      | (2667) (9999) (*1) |  |
| SK Hynix      | H26M31001HPR [FBGA153] (LGE_BOOT) | (2667) (*1)        |  |
| SK Hynix      | H26M31001HPR [FBGA153] (LGE_HEAD) | (2667) (*1)        |  |
| SK Hynix      | H26M31002GPR [FBGA153]            | (2667) (*1)        |  |
| SK Hynix      | H26M31002GRR [FBGA153]            | (3257) (*1)        |  |
| SK Hynix      | H26M31003GMR [FBGA153]            | (2634) (*1)        |  |
| SK Hynix      | H26M41103HPR [FBGA153]            | (3149) (*1)        |  |
| SK Hynix      | H26M41103HPR [FBGA153] (LgA)      | (3149) (9999) (*1) |  |
| SK Hynix      | H26M41103HPR [FBGA153] (LGE_BOOT) | (3149) (*1)        |  |
| SK Hynix      | H26M41103HPRA [FBGA153]           | (3149) (*1)        |  |
| SK Hynix      | H26M41204HPR [FBGA153]            | (3149) (*1)        |  |
| SK Hynix      | H26M41208HPR [FBGA153]            | (3149) (*1)        |  |
| SK Hynix      | H26M41208HPRA [FBGA153]           | (3149) (*1)        |  |
| SK Hynix      | H26M42002GMR [FBGA153]            | (2634) (*1)        |  |
| SK Hynix      | H26M42002GSR [FBGA153]            | (3257) (*1)        |  |
| SK Hynix      | H26M42003GMR [FBGA153]            | (2634) (*1)        |  |
| SK Hynix      | H26M51002HPR [FBGA153]            | (3149) (*1)        |  |
| SK Hynix      | H26M51002KPR [FBGA153]            | (3149) (*1)        |  |
| SK Hynix      | H26M52003EQR [FBGA169]            | (2693) (*1)        |  |
| SK Hynix      | H26M52003EQRA [FBGA169]           | (2693) (*1)        |  |
| SK Hynix      | H26M52103FMR [FBGA153]            | (3148) (*1)        |  |
| SK Hynix      | H26M52103FMR [FBGA153] (LgA)      | (3148) (9999) (*1) |  |
| SK Hynix      | H26M52103FMRA [FBGA153]           | (3148) (*1)        |  |
| SK Hynix      | H26M52208FPR [FBGA153]            | (3149) (*1)        |  |
| SK Hynix      | H26M52208FPRA [FBGA153]           | (3149) (*1)        |  |
| SK Hynix      | H26M54002EMR [FBGA153]            | (2634) (*1)        |  |
| SK Hynix      | H26M54003EMR [FBGA153]            | (2634) (*1)        |  |
| SK Hynix      | H26M62002GMR [FBGA153]            | (3148) (*1)        |  |
| SK Hynix      | H26M62002JPR [FBGA153]            | (3149) (*1)        |  |
| SK Hynix      | H26M64003DQR [FBGA169]            | (2693) (*1)        |  |
| SK Hynix      | H26M64003DQRA [FBGA169]           | (2693) (*1)        |  |
| SK Hynix      | H26M64103EMR [FBGA153]            | (3148) (*1)        |  |
| SK Hynix      | H26M64103EMRA [FBGA153]           | (3148) (*1)        |  |
| SK Hynix      | H26M64208EMR [FBGA153]            | (3148) (*1)        |  |
| SK Hynix      | H26M64208EMRA [FBGA153]           | (3148) (*1)        |  |
| SK Hynix      | H26M68002DCR [FBGA153]            | (2578) (*1)        |  |
| SK Hynix      | H26M68003DMR [FBGA153]            | (2634) (*1)        |  |
| SK Hynix      | H26M74002EMR [FBGA153]            | (3148) (*1)        |  |
| SK Hynix      | H26M74002HMR [FBGA153]            | (3148) (*1)        |  |
| SK Hynix      | H26M78003BFR [FBGA169]            | (2392) (*1)        |  |
| SK Hynix      | H26M78003BFRA [FBGA169]           | (2693) (*1)        |  |
| SK Hynix      | H26M78103CCR [FBGA153]            | (3147) (*1)        |  |
| SK Hynix      | H26M78103CCRA [FBGA153]           | (3147) (*1)        |  |
| SK Hynix      | H26M78208CMR [FBGA153]            | (3148) (*1)        |  |
| SK Hynix      | H26M78208CMRA [FBGA153]           | (3148) (*1)        |  |
| SK Hynix      | H26M88002AMR [FBGA153]            | (3148) (*1)        |  |
| SK Hynix      | H26T87001CMR [FBGA153]            | (3148) (*1)        |  |
| SK Hynix      | H27S1G8F2B [FBGA63]               | (2690) (*1)        |  |
| SK Hynix      | H27U1G8F2B [FBGA63]               | (2690) (*1)        |  |
| SK Hynix      | H27U1G8F2B [TSOP48]               | (1266) (*1)        |  |
| SK Hynix      | H27U1G8F2C [FBGA63]               | (2690) (*1)        |  |
| SK Hynix      | H27U1G8F2C [TSOP48]               | (1266) (*1)        |  |
| SK Hynix      | H27U1G8F2C [TSOP48] (LGE-56)      | (1266) (*1)        |  |
| SK Hynix      | H27U2G8F2C [TSOP48]               | (1266) (*1)        |  |
| SK Hynix      | H27U2G8F2C [TSOP48] (LGE-40)      | (1266) (*1)        |  |
| SK Hynix      | H27U2G8F2D [TSOP48]               | (1266) (*1)        |  |
| SK Hynix      | H27U2G8F2D [TSOP48] (LGE-44)      | (1266) (*1)        |  |
| SK Hynix      | H27U2G8F2D [TSOP48] (LGE-49)      | (1266) (*1)        |  |
| SK Hynix      | H27U2G8F2D [TSOP48] (LGE-60)      | (1266) (*1)        |  |
| SK Hynix      | H27U4G8F2D [TSOP48]               | (1266) (*1)        |  |
| SK Hynix      | H27U4G8F2E [TSOP48]               | (1266) (*1)        |  |
| SK Hynix      | H27U4G8F2E [TSOP48] (LGE-46)      | (1266) (*1)        |  |
| SK Hynix      | H27U4G8F2E [TSOP48] (LGE-64)      | (1266) (*1)        |  |
| SK Hynix      | H27U518S2C [TSOP48]               | (1266) (*1)        |  |
| SK Hynix      | H27U8G8G5D [TSOP48]               | (1266) (*1)        |  |
| SK Hynix      | H9DA4GH2GJAMCR [FBGA137]          | (3022) (*1)        |  |
| SK Hynix      | H9DA4GH2GJBMCR [FBGA137]          | (3022) (*1)        |  |
| SK Hynix      | H9DH4GH4JJAPER [FBGA168]          | (3258) (*1)        |  |
| SK Hynix      | H9DP32A6AJACGR-KEM [FBGA153]      | (2578) (*1)        |  |
| SK Hynix      | HY27UF082G2B [FBGA63]             | (2690) (*1)        |  |
| SK Hynix      | HY27UF082G2B [TSOP48]             | (1266) (*1)        |  |
| SK Hynix      | HY27UF084G2B [TSOP48]             | (1266) (*1)        |  |
| SK Hynix      | HY27US08281A [TSOP48]             | (1266) (*1)        |  |
| SK Hynix      | HY27US08561A [FBGA63]             | (2690) (*1)        |  |
| SK Hynix      | HY27US08561A [TSOP48]             | (1266) (*1)        |  |
| Smart Modular | SH8M08GAETCECxx01 [LFBGA100]      | (3113) (*1)        |  |
| Smart Modular | SH8M08GCATCECxx01 [VFBGA169]      | (3179) (*1)        |  |
| Smart Modular | SH8M16GAETCECxx01 [LFBGA100]      | (3113) (*1)        |  |
| Smart Modular | SH8M16GCATCECxx01 [VFBGA169]      | (3179) (*1)        |  |
| Smart Modular | SH8M32GAETCECxx01 [LFBGA100]      | (3113) (*1)        |  |
| Smart Modular | SH8M32GCCTCECxx01 [TFBGA169]      | (3180) (*1)        |  |
| SMOS          | SPM27128H                         |                    |  |
| SMOS          | SPM27C256H                        |                    |  |
| SMOS          | SPM27C64H                         | (138)              |  |
| SMSC          | EMC1501 (ISP)                     | (2995)             |  |
| SMSC          | EMC1501 [TDFN8]                   |                    |  |



|          |                |           |             |
|----------|----------------|-----------|-------------|
| Sonix    | SN8P1917P      | [PDIP48]  |             |
| Sonix    | SN8P1917X      | [SSOP48]  | (194)       |
| Sonix    | SN8P2201J      | [QFN16]   | (731)       |
| Sonix    | SN8P2201P      | [PDIP14]  |             |
| Sonix    | SN8P2201S      | [SOP14]   | (951)       |
| Sonix    | SN8P2201X      | [SSOP16]  | (643)       |
| Sonix    | SN8P2202P      | [PDIP18]  |             |
| Sonix    | SN8P2202S      | [SOP18]   | (1061)      |
| Sonix    | SN8P2202X      | [SSOP20]  | (2353)      |
| Sonix    | SN8P2203P      | [SKDIP24] |             |
| Sonix    | SN8P2203S      | [SOP24]   | (1062)      |
| Sonix    | SN8P2203X      | [SSOP24]  | (2341)      |
| Sonix    | SN8P2204P      | [SKDIP28] |             |
| Sonix    | SN8P2204S      | [SOP28]   | (51)        |
| Sonix    | SN8P2204X      | [SSOP28]  | (1103)      |
| Sonix    | SN8P2501AP     | [PDIP14]  |             |
| Sonix    | SN8P2501AS     | [SOP14]   | (951)       |
| Sonix    | SN8P2501AX     | [SSOP16]  | (643)       |
| Sonix    | SN8P2501BP     | [PDIP14]  |             |
| Sonix    | SN8P2501BS     | [SOP14]   | (951)       |
| Sonix    | SN8P2501BX     | [SSOP16]  | (643)       |
| Sonix    | SN8P2602AP     | [PDIP18]  |             |
| Sonix    | SN8P2602AS     | [SOP18]   | (1061)      |
| Sonix    | SN8P2602AX     | [SSOP20]  | (2353)      |
| Sonix    | SN8P2602BP     | [PDIP18]  |             |
| Sonix    | SN8P2602BS     | [SOP18]   | (1061)      |
| Sonix    | SN8P2602BX     | [SSOP20]  | (2353)      |
| Sonix    | SN8P2603AP     | [PDIP18]  |             |
| Sonix    | SN8P2603AS     | [SOP18]   | (1061)      |
| Sonix    | SN8P2603AX     | [SSOP20]  | (2353)      |
| Sonix    | SN8P26042AP    | [PDIP20]  |             |
| Sonix    | SN8P26042AS    | [SOP20]   | (119)       |
| Sonix    | SN8P26042AX    | [SSOP20]  | (2353)      |
| Sonix    | SN8P26042P     | [PDIP20]  |             |
| Sonix    | SN8P26042S     | [SOP20]   | (119)       |
| Sonix    | SN8P26042X     | [SSOP20]  | (2353)      |
| Sonix    | SN8P2604AK     | [SKDIP28] |             |
| Sonix    | SN8P2604AS     | [SOP28]   | (51)        |
| Sonix    | SN8P2604AX     | [SSOP28]  | (1103)      |
| Sonix    | SN8P2604K      | [SKDIP28] |             |
| Sonix    | SN8P2604S      | [SOP28]   | (51)        |
| Sonix    | SN8P2604X      | [SSOP28]  | (1103)      |
| Sonix    | SN8P2606P      | [PDIP40]  |             |
| Sonix    | SN8P2608P      | [PDIP48]  |             |
| Sonix    | SN8P2608X      | [SSOP48]  | (194)       |
| Sonix    | SN8P2611P      | [PDIP14]  |             |
| Sonix    | SN8P2611S      | [SOP14]   | (951)       |
| Sonix    | SN8P2612P      | [PDIP18]  |             |
| Sonix    | SN8P2612S      | [SOP18]   | (1061)      |
| Sonix    | SN8P2612X      | [SSOP20]  | (2353)      |
| Sonix    | SN8P2613P      | [PDIP20]  |             |
| Sonix    | SN8P2613S      | [SOP20]   | (119)       |
| Sonix    | SN8P2613X      | [SSOP20]  | (2353)      |
| Sonix    | SN8P2614P      | [SKDIP28] |             |
| Sonix    | SN8P2614S      | [SOP28]   | (51)        |
| Sonix    | SN8P2614X      | [SSOP28]  | (1103)      |
| Sonix    | SN8P2622P      | [PDIP18]  |             |
| Sonix    | SN8P2622S      | [SOP18]   | (1061)      |
| Sonix    | SN8P2622X      | [SSOP20]  | (2353)      |
| Sonix    | SN8P2624K      | [SKDIP28] |             |
| Sonix    | SN8P2624S      | [SOP28]   | (51)        |
| Sonix    | SN8P2624X      | [SSOP28]  | (1103)      |
| Sonix    | SN8P2704AK     | [SKDIP28] |             |
| Sonix    | SN8P2704AS     | [SOP28]   | (51)        |
| Sonix    | SN8P2705AP     | [PDIP32]  |             |
| Sonix    | SN8P2705AS     | [SOP32]   | (1438)      |
| Sonix    | SN8P2706AP     | [PDIP40]  |             |
| Sonix    | SN8P2707AQ     | [QFP44]   | (108)       |
| Sonix    | SN8P2708AP     | [PDIP48]  |             |
| Sonix    | SN8P2708AQ     | [LQFP48]  | (174)       |
| Sonix    | SN8P2708AX     | [SSOP48]  | (194)       |
| Sonix    | SN8P2711P      | [PDIP14]  |             |
| Sonix    | SN8P2711S      | [SOP14]   | (951)       |
| Sonix    | SN8P2711X      | [SSOP16]  | (643)       |
| Sonix    | SN8P27142P     | [PDIP18]  |             |
| Sonix    | SN8P27142S     | [SOP18]   | (1061)      |
| Sonix    | SN8P27143P     | [PDIP20]  |             |
| Sonix    | SN8P27143S     | [SOP20]   | (119)       |
| Sonix    | SN8P27143X     | [SSOP20]  | (2353)      |
| Sonix    | SN8P2714K      | [SKDIP28] |             |
| Sonix    | SN8P2714S      | [SOP28]   | (51)        |
| Sonix    | SN8P2715P      | [PDIP32]  |             |
| Sonix    | SN8P2715S      | [SOP32]   | (1438)      |
| Sony     | CXK1011P       |           |             |
| Sony     | CXK1011P       | [SOIC8]   | (950)       |
| Sony     | CXK1012P       |           |             |
| Sony     | CXK1013P       |           |             |
| Sony     | CXK1023P       |           |             |
| Sony     | CXK1024        |           |             |
| Sony     | CXK27C1000DQ   |           |             |
| Sony     | CXK27C1001DQ   |           |             |
| Sony     | CXK27C256DQ    |           |             |
| Sony     | CXK27C4001     |           |             |
| Sony     | CXK27C4002     |           |             |
| Sony     | CXK27C512DQ    |           |             |
| Sony     | CXP846P32      | [TQFP80]  | (539)       |
| Sony     | CXP846P40      | [TQFP80]  | (539)       |
| Sony     | CXP846P48      | [TQFP80]  | (539)       |
| Spanston | 1KL256Sxxxx00  | [BGA24]   | (4392)      |
| Spanston | 1KL512Sxxxx00  | [BGA24]   | (4392)      |
| Spanston | 1KS256Sxxxx00  | [BGA24]   | (4392)      |
| Spanston | 1KS512Sxxxx00  | [BGA24]   | (4392)      |
| Spanston | 26HL512Txx00   | [BGA24]   | (4392)      |
| Spanston | 26HS512Txx00   | [BGA24]   | (4392)      |
| Spanston | 6KL128Sxxxx02  | [BGA24]   | (4392)      |
| Spanston | 6KL128Sxxxx03  | [BGA24]   | (4392)      |
| Spanston | 6KL256Sxxxx02  | [BGA24]   | (4392)      |
| Spanston | 6KL256Sxxxx03  | [BGA24]   | (4392)      |
| Spanston | 6KL512Sxxxx02  | [BGA24]   | (4392)      |
| Spanston | 6KL512Sxxxx03  | [BGA24]   | (4392)      |
| Spanston | 6KS128Sxxxx02  | [BGA24]   | (4392)      |
| Spanston | 6KS128Sxxxx03  | [BGA24]   | (4392)      |
| Spanston | 6KS256Sxxxx02  | [BGA24]   | (4392)      |
| Spanston | 6KS256Sxxxx03  | [BGA24]   | (4392)      |
| Spanston | 6KS512Sxxxx02  | [BGA24]   | (4392)      |
| Spanston | 6KS512Sxxxx03  | [BGA24]   | (4392)      |
| Spanston | Am25FL005D     | [ISP]     | (138)       |
| Spanston | Am25FL005D     | [S08]     | (3095) (*1) |
| Spanston | Am25FL010D     | [ISP]     | (138)       |
| Spanston | Am25FL010D     | [S08]     | (3095) (*1) |
| Spanston | Am25FL020D     | [ISP]     | (138)       |
| Spanston | Am25FL020D     | [S08]     | (3095) (*1) |
| Spanston | AM29BDD160GB   | [PQFP80]  | (792)       |
| Spanston | AM29BDD160GT   | [PQFP80]  | (792)       |
| Spanston | Am29BDS128Hxxv | [FBGA80]  | (823)       |
| Spanston | Am29BDS640GBx3 | [FBGA80]  | (826)       |
| Spanston | Am29BDS640GBx4 | [FBGA80]  | (826)       |
| Spanston | Am29BDS640GBx8 | [FBGA80]  | (826)       |

|           |                           |        |
|-----------|---------------------------|--------|
| Spanstion | Am29BDS640GBx9 [FBGA80]   | (826)  |
| Spanstion | Am29BDS640GTx3 [FBGA80]   | (826)  |
| Spanstion | Am29BDS640GTx4 [FBGA80]   | (826)  |
| Spanstion | Am29BDS640GTx8 [FBGA80]   | (826)  |
| Spanstion | Am29BDS640GTx9 [FBGA80]   | (826)  |
| Spanstion | Am29BDS640HxxVM [FBGA64]  | (825)  |
| Spanstion | Am29BDS643GTxxVA [FBGA44] | (723)  |
| Spanstion | Am29BL162CB [SSOP56]      | (74)   |
| Spanstion | Am29BL802CB [SSOP56]      | (74)   |
| Spanstion | Am29DL161DB [TSOP48]      | (1346) |
| Spanstion | Am29DL161DBxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL161DBxxVR [VFBGA48] | (959)  |
| Spanstion | Am29DL161DBxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL161DT [TSOP48]      | (1346) |
| Spanstion | Am29DL161DTxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL161DTxxVR [VFBGA48] | (959)  |
| Spanstion | Am29DL161DTxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL162CB [TSOP48]      | (1346) |
| Spanstion | Am29DL162CBxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL162CT [TSOP48]      | (1346) |
| Spanstion | Am29DL162CTxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL162DB [TSOP48]      | (1346) |
| Spanstion | Am29DL162DBxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL162DBxxVR [VFBGA48] | (959)  |
| Spanstion | Am29DL162DBxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL162DT [TSOP48]      | (1346) |
| Spanstion | Am29DL162DTxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL162DTxxVR [VFBGA48] | (959)  |
| Spanstion | Am29DL162DTxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL163CB [TSOP48]      | (1346) |
| Spanstion | Am29DL163CBxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL163CT [TSOP48]      | (1346) |
| Spanstion | Am29DL163CTxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL163DB [TSOP48]      | (1346) |
| Spanstion | Am29DL163DBxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL163DBxxVR [VFBGA48] | (959)  |
| Spanstion | Am29DL163DBxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL163DT [TSOP48]      | (1346) |
| Spanstion | Am29DL163DTxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL163DTxxVR [VFBGA48] | (959)  |
| Spanstion | Am29DL163DTxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL164CBxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL164CTxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL164DB [TSOP48]      | (1346) |
| Spanstion | Am29DL164DBxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL164DBxxVR [VFBGA48] | (959)  |
| Spanstion | Am29DL164DBxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL164DT [TSOP48]      | (1346) |
| Spanstion | Am29DL164DTxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL164DTxxVR [VFBGA48] | (959)  |
| Spanstion | Am29DL164DTxxWC [FBGA48]  | (983)  |
| Spanstion | Am29DL320GB [TSOP48]      | (1346) |
| Spanstion | Am29DL320GBxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL320GBxxWD [FBGA63]  | (999)  |
| Spanstion | Am29DL320GBxxWM [FBGA48]  | (839)  |
| Spanstion | Am29DL320GT [TSOP48]      | (1346) |
| Spanstion | Am29DL320GTxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL320GTxxWD [FBGA63]  | (999)  |
| Spanstion | Am29DL320GTxxWM [FBGA48]  | (839)  |
| Spanstion | Am29DL321CB [TSOP48]      | (1346) |
| Spanstion | Am29DL321CT [TSOP48]      | (1346) |
| Spanstion | Am29DL322CB [TSOP48]      | (1346) |
| Spanstion | Am29DL322CT [TSOP48]      | (1346) |
| Spanstion | Am29DL322DB [TSOP48]      | (1346) |
| Spanstion | Am29DL322DT [TSOP48]      | (1346) |
| Spanstion | Am29DL322GB [TSOP48]      | (1346) |
| Spanstion | Am29DL322GBxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL322GT [TSOP48]      | (1346) |
| Spanstion | Am29DL322GTxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL323CB [TSOP48]      | (1346) |
| Spanstion | Am29DL323CT [TSOP48]      | (1346) |
| Spanstion | Am29DL323DB [FBGA63]      | (999)  |
| Spanstion | Am29DL323DB [TSOP48]      | (1346) |
| Spanstion | Am29DL323DT [FBGA63]      | (999)  |
| Spanstion | Am29DL323DT [TSOP48]      | (1346) |
| Spanstion | Am29DL323GB [TSOP48]      | (1346) |
| Spanstion | Am29DL323GBxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL323GBxxWD [FBGA63]  | (999)  |
| Spanstion | Am29DL323GT [TSOP48]      | (1346) |
| Spanstion | Am29DL323GTxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL323GTxxWD [FBGA63]  | (999)  |
| Spanstion | Am29DL324CB [TSOP48]      | (1346) |
| Spanstion | Am29DL324CT [TSOP48]      | (1346) |
| Spanstion | Am29DL324DB [TSOP48]      | (1346) |
| Spanstion | Am29DL324DT [TSOP48]      | (1346) |
| Spanstion | Am29DL324GB [TSOP48]      | (1346) |
| Spanstion | Am29DL324GBxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL324GT [TSOP48]      | (1346) |
| Spanstion | Am29DL324GTxxPC [BGA64]   | (922)  |
| Spanstion | Am29DL400BB [PSOP44]      | (1356) |
| Spanstion | Am29DL400BB [R-TSOP48]    | (1352) |
| Spanstion | Am29DL400BB [TSOP48]      | (1346) |
| Spanstion | Am29DL400BT [PSOP44]      | (1356) |
| Spanstion | Am29DL400BT [R-TSOP48]    | (1352) |
| Spanstion | Am29DL400BT [TSOP48]      | (1346) |
| Spanstion | Am29DL640G [TSOP48]       | (1346) |
| Spanstion | Am29DL640GxxPC [BGA64]    | (922)  |
| Spanstion | Am29DL640GxxWH [FBGA63]   | (3081) |
| Spanstion | Am29DL640H [TSOP48]       | (1346) |
| Spanstion | Am29DL640HxxWH [FBGA63]   | (3081) |
| Spanstion | Am29DL642GxxMD [FBGA63]   | (831)  |
| Spanstion | Am29DL800BB [FBGA48]      | (536)  |
| Spanstion | Am29DL800BB [PSOP44]      | (1356) |
| Spanstion | Am29DL800BB [R-TSOP48]    | (1352) |
| Spanstion | Am29DL800BB [TSOP48]      | (1346) |
| Spanstion | Am29DL800BT [FBGA48]      | (536)  |
| Spanstion | Am29DL800BT [PSOP44]      | (1356) |
| Spanstion | Am29DL800BT [R-TSOP48]    | (1352) |
| Spanstion | Am29DL800BT [TSOP48]      | (1346) |
| Spanstion | Am29DS163DBxxWA [FBGA48]  | (959)  |
| Spanstion | Am29DS163DTxxWA [FBGA48]  | (959)  |
| Spanstion | Am29DS323DBxxXE [TSOP48]  | (1346) |
| Spanstion | Am29DS323DBxxWM [FBGA48]  | (839)  |
| Spanstion | Am29DS323DTxxXE [TSOP48]  | (1346) |
| Spanstion | Am29DS323DTxxWM [FBGA48]  | (839)  |
| Spanstion | Am29F002B                 |        |
| Spanstion | Am29F002B [PLCC32]        | (1399) |
| Spanstion | Am29F002B [TSOP32]        | (1414) |
| Spanstion | Am29F002BB                |        |
| Spanstion | Am29F002BB [PLCC32]       | (1399) |
| Spanstion | Am29F002BB [TSOP32]       | (1412) |
| Spanstion | Am29F002BT                |        |
| Spanstion | Am29F002BT [PLCC32]       | (1399) |
| Spanstion | Am29F002BT [TSOP32]       | (1412) |
| Spanstion | Am29F002NB                |        |
| Spanstion | Am29F002NB [PLCC32]       | (1399) |
| Spanstion | Am29F002NB [TSOP32]       | (1414) |
| Spanstion | Am29F002NB8               |        |

|           |                |            |        |
|-----------|----------------|------------|--------|
| Spanstion | Am29F002NBB    | [PLCC32]   | (1399) |
| Spanstion | Am29F002NBB    | [TSOP32]   | (1415) |
| Spanstion | Am29F002NBT    |            |        |
| Spanstion | Am29F002NBT    | [PLCC32]   | (1399) |
| Spanstion | Am29F002NBT    | [TSOP32]   | (1415) |
| Spanstion | Am29F002NT     |            |        |
| Spanstion | Am29F002NT     | [PLCC32]   | (1399) |
| Spanstion | Am29F002NT     | [TSOP32]   | (1414) |
| Spanstion | Am29F002T      |            |        |
| Spanstion | Am29F002T      | [PLCC32]   | (1399) |
| Spanstion | Am29F002T      | [TSOP32]   | (1414) |
| Spanstion | Am29F004BB     | [PLCC32]   | (1384) |
| Spanstion | Am29F004BT     | [PLCC32]   | (1384) |
| Spanstion | Am29F010B      |            |        |
| Spanstion | Am29F010B      | [PLCC32]   | (1399) |
| Spanstion | Am29F010B      | [TSOP32]   | (1414) |
| Spanstion | Am29F016       | [PSOP44]   | (1357) |
| Spanstion | Am29F016       | [R-TSOP48] | (1354) |
| Spanstion | Am29F016       | [TSOP48]   | (1350) |
| Spanstion | Am29F016B      | [PSOP44]   | (1357) |
| Spanstion | Am29F016B      | [R-TSOP40] | (1374) |
| Spanstion | Am29F016B      | [R-TSOP48] | (1354) |
| Spanstion | Am29F016B      | [TSOP40]   | (1369) |
| Spanstion | Am29F016B      | [TSOP48]   | (1350) |
| Spanstion | Am29F016D      | [PSOP44]   | (1357) |
| Spanstion | Am29F016D      | [R-TSOP40] | (1374) |
| Spanstion | Am29F016D      | [R-TSOP48] | (1354) |
| Spanstion | Am29F016D      | [TSOP40]   | (1369) |
| Spanstion | Am29F016D      | [TSOP48]   | (1350) |
| Spanstion | Am29F017B      | [R-TSOP48] | (1354) |
| Spanstion | Am29F017B      | [TSOP48]   | (1350) |
| Spanstion | Am29F017D      | [R-TSOP40] | (1374) |
| Spanstion | Am29F017D      | [R-TSOP48] | (1354) |
| Spanstion | Am29F017D      | [TSOP40]   | (1369) |
| Spanstion | Am29F017D      | [TSOP48]   | (1350) |
| Spanstion | Am29F032B      | [PSOP44]   | (1357) |
| Spanstion | Am29F032B      | [R-TSOP40] | (1374) |
| Spanstion | Am29F032B      | [TSOP40]   | (1369) |
| Spanstion | Am29F040       |            |        |
| Spanstion | Am29F040       | [PLCC32]   | (1384) |
| Spanstion | Am29F040       | [TSOP32]   | (1381) |
| Spanstion | Am29F040B      |            |        |
| Spanstion | Am29F040B      | [PLCC32]   | (1384) |
| Spanstion | Am29F040B      | [TSOP32]   | (1381) |
| Spanstion | Am29F080       | [PSOP44]   | (1357) |
| Spanstion | Am29F080       | [R-TSOP40] | (1374) |
| Spanstion | Am29F080       | [TSOP40]   | (1369) |
| Spanstion | Am29F080B      | [PSOP44]   | (1357) |
| Spanstion | Am29F080B      | [R-TSOP40] | (1374) |
| Spanstion | Am29F080B      | [TSOP40]   | (1369) |
| Spanstion | Am29F100B      | [PSOP44]   | (1356) |
| Spanstion | Am29F100B      | [R-TSOP48] | (1352) |
| Spanstion | Am29F100B      | [TSOP48]   | (1346) |
| Spanstion | Am29F100T      | [PSOP44]   | (1356) |
| Spanstion | Am29F100T      | [R-TSOP48] | (1352) |
| Spanstion | Am29F100T      | [TSOP48]   | (1346) |
| Spanstion | Am29F160DB     | [R-TSOP48] | (1352) |
| Spanstion | Am29F160DB     | [TSOP48]   | (1346) |
| Spanstion | Am29F160DT     | [R-TSOP48] | (1352) |
| Spanstion | Am29F160DT     | [TSOP48]   | (1346) |
| Spanstion | Am29F200AB     | [PSOP44]   | (1356) |
| Spanstion | Am29F200AB     | [R-TSOP48] | (1352) |
| Spanstion | Am29F200AB     | [TSOP48]   | (1346) |
| Spanstion | Am29F200AT     | [PSOP44]   | (1356) |
| Spanstion | Am29F200AT     | [R-TSOP48] | (1352) |
| Spanstion | Am29F200AT     | [TSOP48]   | (1346) |
| Spanstion | Am29F200BB     | [PSOP44]   | (1356) |
| Spanstion | Am29F200BB     | [R-TSOP48] | (1352) |
| Spanstion | Am29F200BB     | [TSOP48]   | (1346) |
| Spanstion | Am29F200BT     | [PSOP44]   | (1356) |
| Spanstion | Am29F200BT     | [R-TSOP48] | (1352) |
| Spanstion | Am29F200BT     | [TSOP48]   | (1346) |
| Spanstion | Am29F400AB     | [PSOP44]   | (1356) |
| Spanstion | Am29F400AB     | [R-TSOP48] | (1352) |
| Spanstion | Am29F400AB     | [TSOP48]   | (1346) |
| Spanstion | Am29F400AT     | [PSOP44]   | (1356) |
| Spanstion | Am29F400AT     | [R-TSOP48] | (1352) |
| Spanstion | Am29F400AT     | [TSOP48]   | (1346) |
| Spanstion | Am29F400BB     | [PSOP44]   | (1356) |
| Spanstion | Am29F400BB     | [R-TSOP48] | (1352) |
| Spanstion | Am29F400BB     | [TSOP48]   | (1346) |
| Spanstion | Am29F400BT     | [PSOP44]   | (1356) |
| Spanstion | Am29F400BT     | [R-TSOP48] | (1352) |
| Spanstion | Am29F400BT     | [TSOP48]   | (1346) |
| Spanstion | Am29F800B      | [PSOP44]   | (1356) |
| Spanstion | Am29F800B      | [R-TSOP48] | (1352) |
| Spanstion | Am29F800B      | [TSOP48]   | (1346) |
| Spanstion | Am29F800BB     | [FBGA48]   | (536)  |
| Spanstion | Am29F800BB     | [PSOP44]   | (1356) |
| Spanstion | Am29F800BB     | [R-TSOP48] | (1352) |
| Spanstion | Am29F800BB     | [TSOP48]   | (1346) |
| Spanstion | Am29F800BT     | [FBGA48]   | (536)  |
| Spanstion | Am29F800BT     | [PSOP44]   | (1356) |
| Spanstion | Am29F800BT     | [R-TSOP48] | (1352) |
| Spanstion | Am29F800BT     | [TSOP48]   | (1346) |
| Spanstion | Am29F800T      | [PSOP44]   | (1356) |
| Spanstion | Am29F800T      | [R-TSOP48] | (1352) |
| Spanstion | Am29F800T      | [TSOP48]   | (1346) |
| Spanstion | Am29LV001BB    | [PLCC32]   | (1399) |
| Spanstion | Am29LV001BB    | [R-TSOP32] | (1415) |
| Spanstion | Am29LV001BB    | [TSOP32]   | (1414) |
| Spanstion | Am29LV001BT    | [PLCC32]   | (1399) |
| Spanstion | Am29LV001BT    | [R-TSOP32] | (1415) |
| Spanstion | Am29LV001BT    | [TSOP32]   | (1414) |
| Spanstion | Am29LV002BB    | [R-TSOP40] | (1373) |
| Spanstion | Am29LV002BB    | [TSOP40]   | (1368) |
| Spanstion | Am29LV002BT    | [R-TSOP40] | (1373) |
| Spanstion | Am29LV002BT    | [TSOP40]   | (1368) |
| Spanstion | Am29LV004B     | [R-TSOP40] | (1373) |
| Spanstion | Am29LV004B     | [TSOP40]   | (1368) |
| Spanstion | Am29LV004BB    | [R-TSOP40] | (1373) |
| Spanstion | Am29LV004BB    | [TSOP40]   | (1368) |
| Spanstion | Am29LV004BT    | [R-TSOP40] | (1373) |
| Spanstion | Am29LV004BT    | [TSOP40]   | (1368) |
| Spanstion | Am29LV004T     | [R-TSOP40] | (1373) |
| Spanstion | Am29LV004T     | [TSOP40]   | (1368) |
| Spanstion | Am29LV008B     | [R-TSOP40] | (1373) |
| Spanstion | Am29LV008B     | [TSOP40]   | (1368) |
| Spanstion | Am29LV008BB    | [R-TSOP40] | (1373) |
| Spanstion | Am29LV008BB    | [TSOP40]   | (1368) |
| Spanstion | Am29LV008BT    | [R-TSOP40] | (1373) |
| Spanstion | Am29LV008BT    | [TSOP40]   | (1368) |
| Spanstion | Am29LV008T     | [R-TSOP40] | (1373) |
| Spanstion | Am29LV008T     | [TSOP40]   | (1368) |
| Spanstion | Am29LV017B     | [R-TSOP40] | (1373) |
| Spanstion | Am29LV017B     | [TSOP40]   | (1368) |
| Spanstion | Am29LV017BxxWC | [FBGA48]   | (983)  |
| Spanstion | Am29LV017D     | [R-TSOP40] | (1373) |

|           |                           |        |
|-----------|---------------------------|--------|
| Spanstion | Am29LV017D [TSOP40]       | (1368) |
| Spanstion | Am29LV017DxxWC [FBGA48]   | (983)  |
| Spanstion | Am29LV017M [R-TSOP40]     | (1373) |
| Spanstion | Am29LV017M [TSOP40]       | (1368) |
| Spanstion | Am29LV017MxxWA [FBGA48]   | (959)  |
| Spanstion | Am29LV033C [R-TSOP40]     | (1373) |
| Spanstion | Am29LV033C [TSOP40]       | (1368) |
| Spanstion | Am29LV081 [R-TSOP40]      | (1373) |
| Spanstion | Am29LV081 [TSOP40]        | (1368) |
| Spanstion | Am29LV081B [R-TSOP40]     | (1373) |
| Spanstion | Am29LV081B [TSOP40]       | (1368) |
| Spanstion | Am29LV116BB [R-TSOP40]    | (1373) |
| Spanstion | Am29LV116BB [TSOP40]      | (1368) |
| Spanstion | Am29LV116BT [R-TSOP40]    | (1373) |
| Spanstion | Am29LV116BT [TSOP40]      | (1368) |
| Spanstion | Am29LV116DB [R-TSOP40]    | (1373) |
| Spanstion | Am29LV116DB [TSOP40]      | (1368) |
| Spanstion | Am29LV116DT [R-TSOP40]    | (1373) |
| Spanstion | Am29LV116DT [TSOP40]      | (1368) |
| Spanstion | Am29LV128MH [FBGA64]      | (938)  |
| Spanstion | Am29LV128MH [TSOP56]      | (3080) |
| Spanstion | Am29LV128ML [FBGA64]      | (938)  |
| Spanstion | Am29LV128ML [TSOP56]      | (3080) |
| Spanstion | Am29LV160BB [PSOP44]      | (1356) |
| Spanstion | Am29LV160BB [R-TSOP48]    | (1352) |
| Spanstion | Am29LV160BB [TSOP48]      | (1346) |
| Spanstion | Am29LV160BxxWC [FBGA48]   | (983)  |
| Spanstion | Am29LV160BT [PSOP44]      | (1356) |
| Spanstion | Am29LV160BT [R-TSOP48]    | (1352) |
| Spanstion | Am29LV160BT [TSOP48]      | (1346) |
| Spanstion | Am29LV160BTxxWC [FBGA48]  | (983)  |
| Spanstion | Am29LV160DB [PSOP44]      | (1356) |
| Spanstion | Am29LV160DB [R-TSOP48]    | (1352) |
| Spanstion | Am29LV160DB [TSOP48]      | (1346) |
| Spanstion | Am29LV160DBxxWC [FBGA48]  | (983)  |
| Spanstion | Am29LV160DT [PSOP44]      | (1356) |
| Spanstion | Am29LV160DT [R-TSOP48]    | (1352) |
| Spanstion | Am29LV160DT [TSOP48]      | (1346) |
| Spanstion | Am29LV160DTxxWC [FBGA48]  | (983)  |
| Spanstion | Am29LV160MB [R-TSOP48]    | (1352) |
| Spanstion | Am29LV160MB [TSOP48]      | (1346) |
| Spanstion | Am29LV160MBxxPC [BGA64]   | (922)  |
| Spanstion | Am29LV160MBxxWA [FBGA48]  | (959)  |
| Spanstion | Am29LV160MT [R-TSOP48]    | (1352) |
| Spanstion | Am29LV160MT [TSOP48]      | (1346) |
| Spanstion | Am29LV160MTxxxPC [BGA64]  | (922)  |
| Spanstion | Am29LV160MTxxxWA [FBGA48] | (959)  |
| Spanstion | Am29LV200B [PSOP44]       | (1356) |
| Spanstion | Am29LV200B [R-TSOP48]     | (1352) |
| Spanstion | Am29LV200B [TSOP48]       | (1346) |
| Spanstion | Am29LV200BB [FBGA48]      | (959)  |
| Spanstion | Am29LV200BB [PSOP44]      | (1356) |
| Spanstion | Am29LV200BB [R-TSOP48]    | (1352) |
| Spanstion | Am29LV200BB [TSOP48]      | (1346) |
| Spanstion | Am29LV200BT [FBGA48]      | (959)  |
| Spanstion | Am29LV200BT [PSOP44]      | (1356) |
| Spanstion | Am29LV200BT [R-TSOP48]    | (1352) |
| Spanstion | Am29LV200BT [TSOP48]      | (1346) |
| Spanstion | Am29LV200T [PSOP44]       | (1356) |
| Spanstion | Am29LV200T [R-TSOP48]     | (1352) |
| Spanstion | Am29LV200T [TSOP48]       | (1346) |
| Spanstion | Am29LV320DB [TSOP48]      | (1346) |
| Spanstion | Am29LV320DBxxWM [FBGA48]  | (839)  |
| Spanstion | Am29LV320DT [TSOP48]      | (1346) |
| Spanstion | Am29LV320DTxxWM [FBGA48]  | (839)  |
| Spanstion | Am29LV320MB [TSOP48]      | (1346) |
| Spanstion | Am29LV320MBxxPC [BGA64]   | (922)  |
| Spanstion | Am29LV320MBxxWC [FBGA48]  | (983)  |
| Spanstion | Am29LV320MT [TSOP48]      | (1346) |
| Spanstion | Am29LV320MTxxxPC [BGA64]  | (922)  |
| Spanstion | Am29LV320MTxxWC [FBGA48]  | (983)  |
| Spanstion | Am29LV400B [FBGA48]       | (763)  |
| Spanstion | Am29LV400B [PSOP44]       | (1356) |
| Spanstion | Am29LV400B [R-TSOP48]     | (1352) |
| Spanstion | Am29LV400B [TSOP48]       | (1346) |
| Spanstion | Am29LV400BB [FBGA48]      | (959)  |
| Spanstion | Am29LV400BB [PSOP44]      | (1356) |
| Spanstion | Am29LV400BB [R-TSOP48]    | (1352) |
| Spanstion | Am29LV400BB [TSOP48]      | (1346) |
| Spanstion | Am29LV400BT [FBGA48]      | (959)  |
| Spanstion | Am29LV400BT [PSOP44]      | (1356) |
| Spanstion | Am29LV400BT [R-TSOP48]    | (1352) |
| Spanstion | Am29LV400BT [TSOP48]      | (1346) |
| Spanstion | Am29LV400T [FBGA48]       | (763)  |
| Spanstion | Am29LV400T [PSOP44]       | (1356) |
| Spanstion | Am29LV400T [R-TSOP48]     | (1352) |
| Spanstion | Am29LV400T [TSOP48]       | (1346) |
| Spanstion | Am29LV640DUXxPC [BGA64]   | (922)  |
| Spanstion | Am29LV640DUXxWH [FBGA63]  | (3081) |
| Spanstion | Am29LV640GUXxPC [BGA64]   | (933)  |
| Spanstion | Am29LV640MB [TSOP48]      | (1346) |
| Spanstion | Am29LV640MBxxPC [BGA64]   | (922)  |
| Spanstion | Am29LV640MH [FBGA64]      | (938)  |
| Spanstion | Am29LV640MH [TSOP56]      | (3080) |
| Spanstion | Am29LV640ML [FBGA64]      | (938)  |
| Spanstion | Am29LV640ML [TSOP56]      | (3080) |
| Spanstion | Am29LV640MT [TSOP48]      | (1346) |
| Spanstion | Am29LV640MTxxxPC [BGA64]  | (922)  |
| Spanstion | Am29LV640MU [FBGA63]      | (3081) |
| Spanstion | Am29LV640MU [FBGA64]      | (922)  |
| Spanstion | Am29LV641DH [R-TSOP48]    | (1352) |
| Spanstion | Am29LV641DH [TSOP48]      | (1346) |
| Spanstion | Am29LV641DL [R-TSOP48]    | (1352) |
| Spanstion | Am29LV641DL [TSOP48]      | (1346) |
| Spanstion | Am29LV641GH [R-TSOP48]    | (1352) |
| Spanstion | Am29LV641GH [TSOP48]      | (1346) |
| Spanstion | Am29LV641GHxPC [BGA64]    | (933)  |
| Spanstion | Am29LV641GL [R-TSOP48]    | (1352) |
| Spanstion | Am29LV641GL [TSOP48]      | (1346) |
| Spanstion | Am29LV641GLxPC [BGA64]    | (933)  |
| Spanstion | Am29LV641MH [R-TSOP48]    | (1352) |
| Spanstion | Am29LV641MH [TSOP48]      | (1346) |
| Spanstion | Am29LV641ML [R-TSOP48]    | (1352) |
| Spanstion | Am29LV641ML [TSOP48]      | (1346) |
| Spanstion | Am29LV652DUXxxMA [FBGA63] | (831)  |
| Spanstion | Am29LV800B [PSOP44]       | (1356) |
| Spanstion | Am29LV800B [R-TSOP48]     | (1352) |
| Spanstion | Am29LV800B [TSOP48]       | (1346) |
| Spanstion | Am29LV800BB [FBGA48]      | (536)  |
| Spanstion | Am29LV800BB [PSOP44]      | (1356) |
| Spanstion | Am29LV800BB [R-TSOP48]    | (1352) |
| Spanstion | Am29LV800BB [TSOP48]      | (1346) |
| Spanstion | Am29LV800BT [FBGA48]      | (536)  |
| Spanstion | Am29LV800BT [PSOP44]      | (1356) |
| Spanstion | Am29LV800BT [R-TSOP48]    | (1352) |
| Spanstion | Am29LV800BT [TSOP48]      | (1346) |
| Spanstion | Am29LV800DB [PSOP44]      | (1356) |
| Spanstion | Am29LV800DB [R-TSOP48]    | (1352) |

|           |                            |        |
|-----------|----------------------------|--------|
| Spanstion | Am29LV800DB [TSOP48]       | (1346) |
| Spanstion | Am29LV800DBxxWB [FBGA48]   | (536)  |
| Spanstion | Am29LV800DBxxWC [FBGA48]   | (959)  |
| Spanstion | Am29LV800DT [PSOP44]       | (1356) |
| Spanstion | Am29LV800DT [R-TSOP48]     | (1352) |
| Spanstion | Am29LV800DT [TSOP48]       | (1346) |
| Spanstion | Am29LV800DTxxWB [FBGA48]   | (536)  |
| Spanstion | Am29LV800DTxxWC [FBGA48]   | (959)  |
| Spanstion | Am29LV800T [PSOP44]        | (1356) |
| Spanstion | Am29LV800T [R-TSOP48]      | (1352) |
| Spanstion | Am29LV800T [TSOP48]        | (1346) |
| Spanstion | Am29N323DTxxxWK [FBGA47]   | (818)  |
| Spanstion | AM29N643HTxxxVA [FBGA44]   | (723)  |
| Spanstion | Am29PDL127HxxVK [FBGA80]   | (832)  |
| Spanstion | Am29PDL129HxxVK [FBGA80]   | (833)  |
| Spanstion | Am29PDL640GxxWH [FBGA63]   | (3081) |
| Spanstion | Am29PDL640GxxWS [FBGA80]   | (830)  |
| Spanstion | Am29PDS322DBxxWM [FBGA48]  | (839)  |
| Spanstion | Am29PDS322DTxxWM [FBGA48]  | (839)  |
| Spanstion | Am29PL160CB [PSOP44]       | (1356) |
| Spanstion | Am29PL160CB [R-PSOP44]     | (1360) |
| Spanstion | Am29PL160CB [TSOP48]       | (1348) |
| Spanstion | Am29PL320DB [FBGA84] (x16) | (1283) |
| Spanstion | Am29PL320DT [FBGA84] (x16) | (1283) |
| Spanstion | Am29SL160CB [FBGA48]       | (983)  |
| Spanstion | Am29SL160CB [TSOP48]       | (1346) |
| Spanstion | Am29SL160CT [FBGA48]       | (983)  |
| Spanstion | Am29SL160CT [TSOP48]       | (1346) |
| Spanstion | Am29SL400CB [TSOP48]       | (1346) |
| Spanstion | Am29SL400CT [TSOP48]       | (1346) |
| Spanstion | Am29SL400DBxxWA [FBGA48]   | (959)  |
| Spanstion | Am29SL400DTxxWA [FBGA48]   | (959)  |
| Spanstion | Am29SL800CB [FBGA48]       | (536)  |
| Spanstion | Am29SL800CB [R-TSOP48]     | (1352) |
| Spanstion | Am29SL800CB [TSOP48]       | (1346) |
| Spanstion | Am29SL800CT [FBGA48]       | (536)  |
| Spanstion | Am29SL800CT [R-TSOP48]     | (1352) |
| Spanstion | Am29SL800CT [TSOP48]       | (1346) |
| Spanstion | Am29SL800DB [R-TSOP48]     | (1352) |
| Spanstion | Am29SL800DB [TSOP48]       | (1346) |
| Spanstion | Am29SL800DBxxVG [FBGA48]   | (622)  |
| Spanstion | Am29SL800DBxxWA [FBGA48]   | (959)  |
| Spanstion | Am29SL800DBxxWC [FBGA48]   | (983)  |
| Spanstion | Am29SL800DT [R-TSOP48]     | (1352) |
| Spanstion | Am29SL800DT [TSOP48]       | (1346) |
| Spanstion | Am29SL800DTxxVG [FBGA48]   | (622)  |
| Spanstion | Am29SL800DTxxVU [FBGA48]   | (959)  |
| Spanstion | Am29SL800DTxxWA [FBGA48]   | (959)  |
| Spanstion | Am29SL800DTxxWC [FBGA48]   | (983)  |
| Spanstion | Am41DL1614DB [FBGA69]      | (514)  |
| Spanstion | Am41DL1614DT [FBGA69]      | (514)  |
| Spanstion | Am41DL1624DB [FBGA69]      | (514)  |
| Spanstion | Am41DL1624DT [FBGA69]      | (514)  |
| Spanstion | Am41DL1634DB [FBGA69]      | (514)  |
| Spanstion | Am41DL1634DT [FBGA69]      | (514)  |
| Spanstion | Am41DL1644DB [FBGA69]      | (514)  |
| Spanstion | Am41DL1644DT [FBGA69]      | (514)  |
| Spanstion | Am41DL3208GB [FBGA73]      | (513)  |
| Spanstion | Am41DL3208GT [FBGA73]      | (513)  |
| Spanstion | Am41DL3224GB [FBGA73]      | (513)  |
| Spanstion | Am41DL3224GT [FBGA73]      | (513)  |
| Spanstion | Am41DL3228GB [FBGA73]      | (513)  |
| Spanstion | Am41DL3228GT [FBGA73]      | (513)  |
| Spanstion | Am41DL3234GB [FBGA73]      | (513)  |
| Spanstion | Am41DL3234GT [FBGA73]      | (513)  |
| Spanstion | Am41DL3238GB [FBGA73]      | (513)  |
| Spanstion | Am41DL3238GT [FBGA73]      | (513)  |
| Spanstion | Am41DL3244GB [FBGA73]      | (513)  |
| Spanstion | Am41DL3244GT [FBGA73]      | (513)  |
| Spanstion | Am41DL3248GB [FBGA73]      | (513)  |
| Spanstion | Am41DL3248GT [FBGA73]      | (513)  |
| Spanstion | Am41DL6408G [FBGA73]       | (513)  |
| Spanstion | Am41DL6408H [FBGA73]       | (513)  |
| Spanstion | Am41LV3204MB [FBGA69]      | (604)  |
| Spanstion | Am41LV3204MT [FBGA69]      | (604)  |
| Spanstion | Am42DL1612DB [FBGA69]      | (514)  |
| Spanstion | Am42DL1612DT [FBGA69]      | (514)  |
| Spanstion | Am42DL1614DB [FBGA69]      | (514)  |
| Spanstion | Am42DL1614DT [FBGA69]      | (514)  |
| Spanstion | Am42DL1622DB [FBGA69]      | (514)  |
| Spanstion | Am42DL1622DT [FBGA69]      | (514)  |
| Spanstion | Am42DL1624DB [FBGA69]      | (514)  |
| Spanstion | Am42DL1624DT [FBGA69]      | (514)  |
| Spanstion | Am42DL1632DB [FBGA69]      | (514)  |
| Spanstion | Am42DL1632DT [FBGA69]      | (514)  |
| Spanstion | Am42DL1634DB [FBGA69]      | (514)  |
| Spanstion | Am42DL1634DT [FBGA69]      | (514)  |
| Spanstion | Am42DL1642DB [FBGA69]      | (514)  |
| Spanstion | Am42DL1642DT [FBGA69]      | (514)  |
| Spanstion | Am42DL1644DB [FBGA69]      | (514)  |
| Spanstion | Am42DL1644DT [FBGA69]      | (514)  |
| Spanstion | Am42DL3224GB [FBGA73]      | (513)  |
| Spanstion | Am42DL3224GT [FBGA73]      | (513)  |
| Spanstion | Am42DL3228GB [FBGA73]      | (513)  |
| Spanstion | Am42DL3228GT [FBGA73]      | (513)  |
| Spanstion | Am42DL3234GB [FBGA73]      | (513)  |
| Spanstion | Am42DL3234GT [FBGA73]      | (513)  |
| Spanstion | Am42DL3238GB [FBGA73]      | (513)  |
| Spanstion | Am42DL3238GT [FBGA73]      | (513)  |
| Spanstion | Am42DL3244GB [FBGA73]      | (513)  |
| Spanstion | Am42DL3244GT [FBGA73]      | (513)  |
| Spanstion | Am42DL3248GB [FBGA73]      | (513)  |
| Spanstion | Am42DL3248GT [FBGA73]      | (513)  |
| Spanstion | Am42DL6402G [FBGA73]       | (513)  |
| Spanstion | Am42DL6404G [FBGA73]       | (513)  |
| Spanstion | Am42DL640AG [FBGA73]       | (513)  |
| Spanstion | Am42DL640AH [FBGA73]       | (513)  |
| Spanstion | Am45DL3208GB [FBGA73]      | (513)  |
| Spanstion | Am45DL3208GT [FBGA73]      | (513)  |
| Spanstion | Am45DL3228GB [FBGA73]      | (513)  |
| Spanstion | Am45DL3228GT [FBGA73]      | (513)  |
| Spanstion | Am45DL3238GB [FBGA73]      | (513)  |
| Spanstion | Am45DL3238GT [FBGA73]      | (513)  |
| Spanstion | Am45DL3248GB [FBGA73]      | (513)  |
| Spanstion | Am45DL3248GT [FBGA73]      | (513)  |
| Spanstion | Am45DL6408G [FBGA73]       | (513)  |
| Spanstion | Am49DL3208GB [FBGA73]      | (513)  |
| Spanstion | Am49DL3208GT [FBGA73]      | (513)  |
| Spanstion | Am49DL3228GB [FBGA73]      | (513)  |
| Spanstion | Am49DL3228GT [FBGA73]      | (513)  |
| Spanstion | Am49DL3238GB [FBGA73]      | (513)  |
| Spanstion | Am49DL3238GT [FBGA73]      | (513)  |
| Spanstion | Am49DL3248GB [FBGA73]      | (513)  |
| Spanstion | Am49DL3248GT [FBGA73]      | (513)  |
| Spanstion | Am49DL6408H [FBGA73]       | (513)  |
| Spanstion | Am49DL640AG [FBGA73]       | (513)  |
| Spanstion | Am49DL640AH [FBGA73]       | (513)  |
| Spanstion | Am49DL640BG [FBGA73]       | (513)  |

|           |                             |             |
|-----------|-----------------------------|-------------|
| Spanstion | Am49DL640BH [FBGA73]        | (513)       |
| Spanstion | Am49PDL127BH [FBGA73]       | (513)       |
| Spanstion | Am50DL128BG [FBGA73]        | (513)       |
| Spanstion | Am50DL128BH [FBGA73]        | (513)       |
| Spanstion | FL256SAIH20 [BGA24]         | (1343) (*1) |
| Spanstion | FL256SAIHC0 [BGA24]         | (1343) (*1) |
| Spanstion | MB84VD23180FMxxPBS [FBGA73] | (531)       |
| Spanstion | MB84VD23381FJxxPBS [FBGA65] | (721)       |
| Spanstion | MB84VD23381HJxxPBS [FBGA56] | (722)       |
| Spanstion | MB84VD23481FJxxPBS [FBGA65] | (721)       |
| Spanstion | MB84VD23581FJxxPBS [FBGA65] | (721)       |
| Spanstion | MB89F202RAP-G-SH [SDIP32]   | (2335)      |
| Spanstion | MB89F202RAP-SH [SDIP32]     | (2335)      |
| Spanstion | MB89F202RAYPFV [SSOP34]     | (2336)      |
| Spanstion | MB89F538-101PF [QFP64]      | (4054)      |
| Spanstion | MB90F342CEPMC [LQFP100]     | (761)       |
| Spanstion | MB90F342CESPMC [LQFP100]    | (761)       |
| Spanstion | MB90F342EPMC [LQFP100]      | (761)       |
| Spanstion | MB90F342ESPMC [LQFP100]     | (761)       |
| Spanstion | MB90F345CEPF [QFP100]       | (1110)      |
| Spanstion | MB90F345CEPMC [LQFP100]     | (761)       |
| Spanstion | MB90F345CESPF [QFP100]      | (1110)      |
| Spanstion | MB90F345CESPMC [LQFP100]    | (761)       |
| Spanstion | MB90F345EPF [QFP100]        | (1110)      |
| Spanstion | MB90F345EPMC [LQFP100]      | (761)       |
| Spanstion | MB90F345ESPF [QFP100]       | (1110)      |
| Spanstion | MB90F345ESPMC [LQFP100]     | (761)       |
| Spanstion | MB90F349CEPMC [LQFP100]     | (761)       |
| Spanstion | MB90F349CESPMC [LQFP100]    | (761)       |
| Spanstion | MB90F349EPMC [LQFP100]      | (761)       |
| Spanstion | MB90F349ESPMC [LQFP100]     | (761)       |
| Spanstion | MB90F351EPMC [LQFP64]       | (2267)      |
| Spanstion | MB90F351EPMC1 [LQFP64]      | (2586)      |
| Spanstion | MB90F351ESPMC [LQFP64]      | (2267)      |
| Spanstion | MB90F351ESPMC1 [LQFP64]     | (2586)      |
| Spanstion | MB90F351TEPMC [LQFP64]      | (2267)      |
| Spanstion | MB90F351TEPMC1 [LQFP64]     | (2586)      |
| Spanstion | MB90F351TESPMC [LQFP64]     | (2267)      |
| Spanstion | MB90F351TESPMC1 [LQFP64]    | (2586)      |
| Spanstion | MB90F352EPMC [LQFP64]       | (2267)      |
| Spanstion | MB90F352EPMC1 [LQFP64]      | (2586)      |
| Spanstion | MB90F352ESPMC [LQFP64]      | (2267)      |
| Spanstion | MB90F352ESPMC1 [LQFP64]     | (2586)      |
| Spanstion | MB90F352TEPMC [LQFP64]      | (2267)      |
| Spanstion | MB90F352TEPMC1 [LQFP64]     | (2586)      |
| Spanstion | MB90F352TESPMC [LQFP64]     | (2267)      |
| Spanstion | MB90F352TESPMC1 [LQFP64]    | (2586)      |
| Spanstion | MB90F356EPMC [LQFP64]       | (2267)      |
| Spanstion | MB90F356EPMC1 [LQFP64]      | (2586)      |
| Spanstion | MB90F356ESPMC [LQFP64]      | (2267)      |
| Spanstion | MB90F356ESPMC1 [LQFP64]     | (2586)      |
| Spanstion | MB90F356TEPMC [LQFP64]      | (2267)      |
| Spanstion | MB90F356TEPMC1 [LQFP64]     | (2586)      |
| Spanstion | MB90F356TESPMC [LQFP64]     | (2267)      |
| Spanstion | MB90F356TESPMC1 [LQFP64]    | (2586)      |
| Spanstion | MB90F357EPMC [LQFP64]       | (2267)      |
| Spanstion | MB90F357EPMC1 [LQFP64]      | (2586)      |
| Spanstion | MB90F357ESPMC [LQFP64]      | (2267)      |
| Spanstion | MB90F357ESPMC1 [LQFP64]     | (2586)      |
| Spanstion | MB90F357TEPMC [LQFP64]      | (2267)      |
| Spanstion | MB90F357TEPMC1 [LQFP64]     | (2586)      |
| Spanstion | MB90F357TESPMC [LQFP64]     | (2267)      |
| Spanstion | MB90F357TESPMC1 [LQFP64]    | (2586)      |
| Spanstion | MB90F362EPMT [LQFP48]       | (174)       |
| Spanstion | MB90F362ESPMT [LQFP48]      | (174)       |
| Spanstion | MB90F362TEPMT [LQFP48]      | (174)       |
| Spanstion | MB90F362TESPMT [LQFP48]     | (174)       |
| Spanstion | MB90F367EPMT [LQFP48]       | (2585)      |
| Spanstion | MB90F367ESPMT [LQFP48]      | (2585)      |
| Spanstion | MB90F367TEPMT [LQFP48]      | (2585)      |
| Spanstion | MB90F367TESPMT [LQFP48]     | (2585)      |
| Spanstion | MB90F387PMT [LQFP48]        | (2585)      |
| Spanstion | MB90F387SPMT [LQFP48]       | (174)       |
| Spanstion | MB90F394H [LQFP120]         | (2579)      |
| Spanstion | MB90F394HA [LQFP120]        | (2579)      |
| Spanstion | MB90F395H [LQFP120]         | (2579)      |
| Spanstion | MB90F395HA [LQFP120]        | (2579)      |
| Spanstion | MB90F423GAPF [QFP100]       | (941)       |
| Spanstion | MB90F423GCPF [QFP100]       | (941)       |
| Spanstion | MB90F428GAPF [QFP100]       | (941)       |
| Spanstion | MB90F428GCPF [QFP100]       | (941)       |
| Spanstion | MB90F438LPF [QFP100]        | (2671)      |
| Spanstion | MB90F438LSPF [QFP100]       | (2671)      |
| Spanstion | MB90F439PF [QFP100]         | (2671)      |
| Spanstion | MB90F439SPF [QFP100]        | (2671)      |
| Spanstion | MB90F455PMT [LQFP48]        | (2585)      |
| Spanstion | MB90F455SPMT [LQFP48]       | (174)       |
| Spanstion | MB90F456PMT [LQFP48]        | (2585)      |
| Spanstion | MB90F456SPMT [LQFP48]       | (174)       |
| Spanstion | MB90F457PMT [LQFP48]        | (2585)      |
| Spanstion | MB90F457SPMT [LQFP48]       | (174)       |
| Spanstion | MB90F497GPF [QFP64]         | (629)       |
| Spanstion | MB90F497GPMC [LQFP64]       | (628)       |
| Spanstion | MB90F498GPF [QFP64]         | (629)       |
| Spanstion | MB90F498GPMC [LQFP64]       | (628)       |
| Spanstion | MB90F543GPF [QFP100]        | (941)       |
| Spanstion | MB90F543GSPF [QFP100]       | (941)       |
| Spanstion | MB90F546GPF [QFP100]        | (941)       |
| Spanstion | MB90F546GSPF [QFP100]       | (941)       |
| Spanstion | MB90F548GLPF [QFP100]       | (941)       |
| Spanstion | MB90F548GPF [QFP100]        | (941)       |
| Spanstion | MB90F548GSPF [QFP100]       | (941)       |
| Spanstion | MB90F548GSPMC [LQFP100]     | (607)       |
| Spanstion | MB90F549GPF [QFP100]        | (941)       |
| Spanstion | MB90F549GSPF [QFP100]       | (941)       |
| Spanstion | MB90F553APF [QFP100]        | (2671)      |
| Spanstion | MB90F562BP [SDIP64]         | (630)       |
| Spanstion | MB90F562BPF [QFP64]         | (629)       |
| Spanstion | MB90F562BPMC [LQFP64]       | (628)       |
| Spanstion | MB90F591GPF [QFP100]        | (941)       |
| Spanstion | MB90F594GPF [QFP100]        | (941)       |
| Spanstion | MB90F598GPF [QFP100]        | (941)       |
| Spanstion | MB90F804-101PF [QFP100]     | (2755)      |
| Spanstion | MB90F804-201PF [QFP100]     | (2755)      |
| Spanstion | MB90F823BPMC1 [LQFP80]      | (4042)      |
| Spanstion | MB90F867EPF [QFP100]        | (738)       |
| Spanstion | MB90F867EPMC [LQFP100]      | (761)       |
| Spanstion | MB90F867ESPF [QFP100]       | (738)       |
| Spanstion | MB90F867ESPMC [LQFP100]     | (761)       |
| Spanstion | MB90F947APF [QFP100]        | (738)       |
| Spanstion | MB90F949APF [QFP100]        | (738)       |
| Spanstion | MB90F962PMT [LQFP48]        | (2585)      |
| Spanstion | MB90F962SPMT [LQFP48]       | (2585)      |
| Spanstion | MB91F362GBPFVS [QFP208]     | (5034)      |
| Spanstion | MB91F366GBPMT [LQFP120]     | (1220)      |
| Spanstion | MB91F368GBPMT [LQFP120]     | (1220)      |
| Spanstion | MB91F369GAPQS1 [QFP160]     | (4834)      |
| Spanstion | MB91F467DAPFV [QFP208]      | (2285)      |

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| Spanstion | MB91F467DBPFV [QFP208]    | (2285)       |
| Spanstion | MB91F524BxxPMC1 [LQFP64]  | (3797)       |
| Spanstion | MB91F526BxxPMC1 [LQFP64]  | (3797)       |
| Spanstion | MB91F526FxxPMC [LQFP100]  | (5035)       |
| Spanstion | MB91F526LxxPMC [LQFP176]  | (4534)       |
| Spanstion | MB91F575BHPMC [LQFP144]   | (4344)       |
| Spanstion | MB91F575BHSPMC [LQFP144]  | (4344)       |
| Spanstion | MB91F575BHSPMC1 [LQFP144] | (4343)       |
| Spanstion | MB91F575BPMC [LQFP144]    | (4344)       |
| Spanstion | MB91F575BSPMC [LQFP144]   | (4344)       |
| Spanstion | MB91F575BSPMC1 [LQFP144]  | (4343)       |
| Spanstion | MB91F575CHPMC [LQFP144]   | (4344)       |
| Spanstion | MB91F575CHSBPMC [LQFP144] | (4344)       |
| Spanstion | MB91F575CPMC [LQFP144]    | (4344)       |
| Spanstion | MB91F575CSPMC [LQFP144]   | (4344)       |
| Spanstion | MB91F577BHPMC [LQFP144]   | (4344)       |
| Spanstion | MB91F577BHSPMC [LQFP144]  | (4344)       |
| Spanstion | MB91F577BHSPMC1 [LQFP144] | (4343)       |
| Spanstion | MB91F577BPMC [LQFP144]    | (4344)       |
| Spanstion | MB91F577BSPMC [LQFP144]   | (4344)       |
| Spanstion | MB91F577BSPMC1 [LQFP144]  | (4343)       |
| Spanstion | MB91F577CHPMC [LQFP144]   | (4344)       |
| Spanstion | MB91F577CHSPMC [LQFP144]  | (4344)       |
| Spanstion | MB91F577CPMC [LQFP144]    | (4344)       |
| Spanstion | MB91F577CSPMC [LQFP144]   | (4344)       |
| Spanstion | MB91F578CHPMC [LQFP144]   | (4344)       |
| Spanstion | MB91F578CHPMC1 [LQFP144]  | (4343)       |
| Spanstion | MB91F578CHSPMC [LQFP144]  | (4344)       |
| Spanstion | MB91F578CHSPMC1 [LQFP144] | (4343)       |
| Spanstion | MB91F578CPMC [LQFP144]    | (4344)       |
| Spanstion | MB91F578CPMC1 [LQFP144]   | (4343)       |
| Spanstion | MB91F578CSPMC [LQFP144]   | (4344)       |
| Spanstion | MB91F578CSPMC1 [LQFP144]  | (4343)       |
| Spanstion | MB91F579CHPMC [LQFP144]   | (4344)       |
| Spanstion | MB91F579CHPMC1 [LQFP144]  | (4343)       |
| Spanstion | MB91F579CHSPMC [LQFP144]  | (4344)       |
| Spanstion | MB91F579CHSPMC1 [LQFP144] | (4343)       |
| Spanstion | MB91F579CPMC [LQFP144]    | (4344)       |
| Spanstion | MB91F579CPMC1 [LQFP144]   | (4343)       |
| Spanstion | MB91F579CSPMC [LQFP144]   | (4344)       |
| Spanstion | MB91F579CSPMC1 [LQFP144]  | (4343)       |
| Spanstion | MB95F116MASPMC [LQFP52]   | (2403)       |
| Spanstion | MB95F116MAWPMC [LQFP52]   | (2403)       |
| Spanstion | MB95F116MSPMC [LQFP52]    | (2403)       |
| Spanstion | MB95F116MWPMC [LQFP52]    | (2403)       |
| Spanstion | MB95F116NASPMC [LQFP52]   | (2403)       |
| Spanstion | MB95F116NAWPMC [LQFP52]   | (2403)       |
| Spanstion | MB95F116NSPMC [LQFP52]    | (2403)       |
| Spanstion | MB95F116NWPMC [LQFP52]    | (2403)       |
| Spanstion | MB95F118JSPMC [LQFP52]    | (2403)       |
| Spanstion | MB95F118JWPMC [LQFP52]    | (2403)       |
| Spanstion | MB95F118MSPMC [LQFP52]    | (2403)       |
| Spanstion | MB95F118MWPMC [LQFP52]    | (2403)       |
| Spanstion | MB95F118NSPMC [LQFP52]    | (2403)       |
| Spanstion | MB95F118NWPMC [LQFP52]    | (2403)       |
| Spanstion | MB95F128JBPMC [LQFP100]   | (1166)       |
| Spanstion | MB95F128MBPMC [LQFP100]   | (1166)       |
| Spanstion | MB95F128NBPMC [LQFP100]   | (1166)       |
| Spanstion | MB95F136 (ISP)            | (138) (9999) |
| Spanstion | MB95F136 [SOP28]          | (53)         |
| Spanstion | MB95F136 [SSOP30]         | (1113)       |
| Spanstion | MB95F146SPMC [LQFP32]     | (2672)       |
| Spanstion | MB95F146WPMC [LQFP32]     | (2672)       |
| Spanstion | MB95F156JPMC [LQFP52]     | (2629)       |
| Spanstion | MB95F156JPMT [LQFP48]     | (2628)       |
| Spanstion | MB95F156MPMC [LQFP52]     | (2629)       |
| Spanstion | MB95F156MPMT [LQFP48]     | (2628)       |
| Spanstion | MB95F156NPMC [LQFP52]     | (2629)       |
| Spanstion | MB95F156NPMT [LQFP48]     | (2628)       |
| Spanstion | MB95F202H (ISP)           | (138) (9997) |
| Spanstion | MB95F202HP [SDIP24]       | (2359)       |
| Spanstion | MB95F202HPF [SOP20]       | (2358)       |
| Spanstion | MB95F202K (ISP)           | (138) (9997) |
| Spanstion | MB95F202KP [SDIP24]       | (2359)       |
| Spanstion | MB95F202KPF [SOP20]       | (2358)       |
| Spanstion | MB95F203H (ISP)           | (138) (9997) |
| Spanstion | MB95F203HP [SDIP24]       | (2359)       |
| Spanstion | MB95F203HPF [SOP20]       | (2358)       |
| Spanstion | MB95F203K (ISP)           | (138) (9997) |
| Spanstion | MB95F203KP [SDIP24]       | (2359)       |
| Spanstion | MB95F203KPF [SOP20]       | (2358)       |
| Spanstion | MB95F204H (ISP)           | (138) (9997) |
| Spanstion | MB95F204HP [SDIP24]       | (2359)       |
| Spanstion | MB95F204HPF [SOP20]       | (2358)       |
| Spanstion | MB95F204K (ISP)           | (138) (9997) |
| Spanstion | MB95F204KP [SDIP24]       | (2359)       |
| Spanstion | MB95F204KPF [SOP20]       | (2358)       |
| Spanstion | MB95F212H (ISP)           | (138) (9997) |
| Spanstion | MB95F212HPF [SOP8]        | (2356)       |
| Spanstion | MB95F212HPH [DIP8]        | (2357)       |
| Spanstion | MB95F212K (ISP)           | (138) (9997) |
| Spanstion | MB95F212KPF [SOP8]        | (2356)       |
| Spanstion | MB95F212KPH [DIP8]        | (2357)       |
| Spanstion | MB95F213H (ISP)           | (138) (9997) |
| Spanstion | MB95F213HPF [SOP8]        | (2356)       |
| Spanstion | MB95F213HPH [DIP8]        | (2357)       |
| Spanstion | MB95F213K (ISP)           | (138) (9997) |
| Spanstion | MB95F213KPF [SOP8]        | (2356)       |
| Spanstion | MB95F213KPH [DIP8]        | (2357)       |
| Spanstion | MB95F214H (ISP)           | (138) (9997) |
| Spanstion | MB95F214HPF [SOP8]        | (2356)       |
| Spanstion | MB95F214HPH [DIP8]        | (2357)       |
| Spanstion | MB95F214K (ISP)           | (138) (9997) |
| Spanstion | MB95F214KPF [SOP8]        | (2356)       |
| Spanstion | MB95F214KPH [DIP8]        | (2357)       |
| Spanstion | MB95F222H (ISP)           | (138) (9997) |
| Spanstion | MB95F222HPF [SOP16]       | (2334)       |
| Spanstion | MB95F222HPH [DIP16]       | (2338)       |
| Spanstion | MB95F222K (ISP)           | (138) (9997) |
| Spanstion | MB95F222KPF [SOP16]       | (2334)       |
| Spanstion | MB95F222KPH [DIP16]       | (2338)       |
| Spanstion | MB95F223H (ISP)           | (138) (9997) |
| Spanstion | MB95F223HPF [SOP16]       | (2334)       |
| Spanstion | MB95F223HPH [DIP16]       | (2338)       |
| Spanstion | MB95F223K (ISP)           | (138) (9997) |
| Spanstion | MB95F223KPF [SOP16]       | (2334)       |
| Spanstion | MB95F223KPH [DIP16]       | (2338)       |
| Spanstion | MB95F262H (ISP)           | (138) (9997) |
| Spanstion | MB95F262HP [SDIP24]       | (2359)       |
| Spanstion | MB95F262HPF [SOP20]       | (2358)       |
| Spanstion | MB95F262HPFT [TSSOP20]    | (2360)       |
| Spanstion | MB95F262HWQN [QFN32]      | (2361)       |
| Spanstion | MB95F262K (ISP)           | (138) (9997) |
| Spanstion | MB95F262KP [SDIP24]       | (2359)       |
| Spanstion | MB95F262KPF [SOP20]       | (2358)       |
| Spanstion | MB95F262KPFT [TSSOP20]    | (2360)       |
| Spanstion | MB95F262KWQN [QFN32]      | (2361)       |
| Spanstion | MB95F263H (ISP)           | (138) (9997) |

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| Spanstion | MB95F263HP [SDIP24]    | (2359)       |
| Spanstion | MB95F263HPF [SOP20]    | (2358)       |
| Spanstion | MB95F263HPFT [TSSOP20] | (2360)       |
| Spanstion | MB95F263HWQN [QFN32]   | (2361)       |
| Spanstion | MB95F263K (ISP)        | (138) (9997) |
| Spanstion | MB95F263KP [SDIP24]    | (2359)       |
| Spanstion | MB95F263KPF [SOP20]    | (2358)       |
| Spanstion | MB95F263KPFT [TSSOP20] | (2360)       |
| Spanstion | MB95F263KWQN [QFN32]   | (2361)       |
| Spanstion | MB95F264H (ISP)        | (138) (9997) |
| Spanstion | MB95F264HP [SDIP24]    | (2359)       |
| Spanstion | MB95F264HPF [SOP20]    | (2358)       |
| Spanstion | MB95F264HPFT [TSSOP20] | (2360)       |
| Spanstion | MB95F264HWQN [QFN32]   | (2361)       |
| Spanstion | MB95F264K (ISP)        | (138) (9997) |
| Spanstion | MB95F264KP [SDIP24]    | (2359)       |
| Spanstion | MB95F264KPF [SOP20]    | (2358)       |
| Spanstion | MB95F264KPFT [TSSOP20] | (2360)       |
| Spanstion | MB95F264KWQN [QFN32]   | (2361)       |
| Spanstion | MB95F272H (ISP)        | (138) (9997) |
| Spanstion | MB95F272HPF [SOP8]     | (2356)       |
| Spanstion | MB95F272HPH [DIP8]     | (2357)       |
| Spanstion | MB95F272K (ISP)        | (138) (9997) |
| Spanstion | MB95F272KPF [SOP8]     | (2356)       |
| Spanstion | MB95F272KPH [DIP8]     | (2357)       |
| Spanstion | MB95F273H (ISP)        | (138) (9997) |
| Spanstion | MB95F273HPF [SOP8]     | (2356)       |
| Spanstion | MB95F273HPH [DIP8]     | (2357)       |
| Spanstion | MB95F273K (ISP)        | (138) (9997) |
| Spanstion | MB95F273KPF [SOP8]     | (2356)       |
| Spanstion | MB95F273KPH [DIP8]     | (2357)       |
| Spanstion | MB95F274H (ISP)        | (138) (9997) |
| Spanstion | MB95F274HPF [SOP8]     | (2356)       |
| Spanstion | MB95F274HPH [DIP8]     | (2357)       |
| Spanstion | MB95F274K (ISP)        | (138) (9997) |
| Spanstion | MB95F274KPF [SOP8]     | (2356)       |
| Spanstion | MB95F274KPH [DIP8]     | (2357)       |
| Spanstion | MB95F282H (ISP)        | (138) (9997) |
| Spanstion | MB95F282HPF [SOP16]    | (2334)       |
| Spanstion | MB95F282HPH [DIP16]    | (2338)       |
| Spanstion | MB95F282HWQN [QFN32]   | (2337)       |
| Spanstion | MB95F282K (ISP)        | (138) (9997) |
| Spanstion | MB95F282KPF [SOP16]    | (2334)       |
| Spanstion | MB95F282KPH [DIP16]    | (2338)       |
| Spanstion | MB95F282KWQN [QFN32]   | (2337)       |
| Spanstion | MB95F283H (ISP)        | (138) (9997) |
| Spanstion | MB95F283HPF [SOP16]    | (2334)       |
| Spanstion | MB95F283HPH [DIP16]    | (2338)       |
| Spanstion | MB95F283HWQN [QFN32]   | (2337)       |
| Spanstion | MB95F283K (ISP)        | (138) (9997) |
| Spanstion | MB95F283KPF [SOP16]    | (2334)       |
| Spanstion | MB95F283KPH [DIP16]    | (2338)       |
| Spanstion | MB95F283KWQN [QFN32]   | (2337)       |
| Spanstion | MB95F284H (ISP)        | (138) (9997) |
| Spanstion | MB95F284HPF [SOP16]    | (2334)       |
| Spanstion | MB95F284HPH [DIP16]    | (2338)       |
| Spanstion | MB95F284HWQN [QFN32]   | (2337)       |
| Spanstion | MB95F284K (ISP)        | (138) (9997) |
| Spanstion | MB95F284KPF [SOP16]    | (2334)       |
| Spanstion | MB95F284KPH [DIP16]    | (2338)       |
| Spanstion | MB95F284KWQN [QFN32]   | (2337)       |
| Spanstion | MB95F314E (ISP)        | (138) (9997) |
| Spanstion | MB95F314EPMC [LQFP80]  | (2425)       |
| Spanstion | MB95F314L (ISP)        | (138) (9997) |
| Spanstion | MB95F314LPMC [LQFP80]  | (2425)       |
| Spanstion | MB95F316E (ISP)        | (138) (9997) |
| Spanstion | MB95F316EPMC [LQFP80]  | (2425)       |
| Spanstion | MB95F316L (ISP)        | (138) (9997) |
| Spanstion | MB95F316LPMC [LQFP80]  | (2425)       |
| Spanstion | MB95F318E (ISP)        | (138) (9997) |
| Spanstion | MB95F318EPMC [LQFP80]  | (2425)       |
| Spanstion | MB95F318L (ISP)        | (138) (9997) |
| Spanstion | MB95F318LPMC [LQFP80]  | (2425)       |
| Spanstion | MB95F332H (ISP)        | (138) (9997) |
| Spanstion | MB95F332HP [SDIP32]    | (2401)       |
| Spanstion | MB95F332HPMC [LQFP32]  | (2402)       |
| Spanstion | MB95F332HWQN [QFN32]   | (2362)       |
| Spanstion | MB95F332K (ISP)        | (138) (9997) |
| Spanstion | MB95F332KP [SDIP32]    | (2401)       |
| Spanstion | MB95F332KPMC [LQFP32]  | (2402)       |
| Spanstion | MB95F332KWQN [QFN32]   | (2362)       |
| Spanstion | MB95F333H (ISP)        | (138) (9997) |
| Spanstion | MB95F333HP [SDIP32]    | (2401)       |
| Spanstion | MB95F333HPMC [LQFP32]  | (2402)       |
| Spanstion | MB95F333HWQN [QFN32]   | (2362)       |
| Spanstion | MB95F333K (ISP)        | (138) (9997) |
| Spanstion | MB95F333KP [SDIP32]    | (2401)       |
| Spanstion | MB95F333KPMC [LQFP32]  | (2402)       |
| Spanstion | MB95F333KWQN [QFN32]   | (2362)       |
| Spanstion | MB95F334H (ISP)        | (138) (9997) |
| Spanstion | MB95F334HP [SDIP32]    | (2401)       |
| Spanstion | MB95F334HPMC [LQFP32]  | (2402)       |
| Spanstion | MB95F334HWQN [QFN32]   | (2362)       |
| Spanstion | MB95F334K (ISP)        | (138) (9997) |
| Spanstion | MB95F334KP [SDIP32]    | (2401)       |
| Spanstion | MB95F334KPMC [LQFP32]  | (2402)       |
| Spanstion | MB95F334KWQN [QFN32]   | (2362)       |
| Spanstion | MB95F352E (ISP)        | (138) (9997) |
| Spanstion | MB95F352EPF [SOP24]    | (1062)       |
| Spanstion | MB95F352EPFT [TSSOP24] | (1090)       |
| Spanstion | MB95F352EWQN [QFN32]   | (2400)       |
| Spanstion | MB95F352L (ISP)        | (138) (9997) |
| Spanstion | MB95F352LPF [SOP24]    | (1062)       |
| Spanstion | MB95F352LPFT [TSSOP24] | (1090)       |
| Spanstion | MB95F352LWQN [QFN32]   | (2400)       |
| Spanstion | MB95F353E (ISP)        | (138) (9997) |
| Spanstion | MB95F353EPF [SOP24]    | (1062)       |
| Spanstion | MB95F353EPFT [TSSOP24] | (1090)       |
| Spanstion | MB95F353EWQN [QFN32]   | (2400)       |
| Spanstion | MB95F353L (ISP)        | (138) (9997) |
| Spanstion | MB95F353LPF [SOP24]    | (1062)       |
| Spanstion | MB95F353LPFT [TSSOP24] | (1090)       |
| Spanstion | MB95F353LWQN [QFN32]   | (2400)       |
| Spanstion | MB95F354E (ISP)        | (138) (9997) |
| Spanstion | MB95F354EPF [SOP24]    | (1062)       |
| Spanstion | MB95F354EPFT [TSSOP24] | (1090)       |
| Spanstion | MB95F354EWQN [QFN32]   | (2400)       |
| Spanstion | MB95F354L (ISP)        | (138) (9997) |
| Spanstion | MB95F354LPF [SOP24]    | (1062)       |
| Spanstion | MB95F354LPFT [TSSOP24] | (1090)       |
| Spanstion | MB95F354LWQN [QFN32]   | (2400)       |
| Spanstion | MB95F374E (ISP)        | (138) (9997) |
| Spanstion | MB95F374EPMC1 [LQFP64] | (2426)       |
| Spanstion | MB95F374EPMC2 [LQFP64] | (2427)       |
| Spanstion | MB95F374L (ISP)        | (138) (9997) |
| Spanstion | MB95F374LPMC1 [LQFP64] | (2426)       |
| Spanstion | MB95F374LPMC2 [LQFP64] | (2427)       |
| Spanstion | MB95F376E (ISP)        | (138) (9997) |



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| Spanstion | MB95F376EPMC1 [LQFP64]  | (2426)       |
| Spanstion | MB95F376EPMC2 [LQFP64]  | (2427)       |
| Spanstion | MB95F376L (ISP)         | (138) (9997) |
| Spanstion | MB95F376LPMC1 [LQFP64]  | (2426)       |
| Spanstion | MB95F376LPMC2 [LQFP64]  | (2427)       |
| Spanstion | MB95F378E (ISP)         | (138) (9997) |
| Spanstion | MB95F378EPMC1 [LQFP64]  | (2426)       |
| Spanstion | MB95F378EPMC2 [LQFP64]  | (2427)       |
| Spanstion | MB95F378L (ISP)         | (138) (9997) |
| Spanstion | MB95F378LPMC1 [LQFP64]  | (2426)       |
| Spanstion | MB95F378LPMC2 [LQFP64]  | (2427)       |
| Spanstion | MB95F394H (ISP)         | (138) (9997) |
| Spanstion | MB95F394HPMC [LQFP48]   | (2580)       |
| Spanstion | MB95F394HPMC1 [LQFP52]  | (2956)       |
| Spanstion | MB95F394HWQN [QFN48]    | (2581)       |
| Spanstion | MB95F394K (ISP)         | (138) (9997) |
| Spanstion | MB95F394KPMC [LQFP48]   | (2580)       |
| Spanstion | MB95F394KPMC1 [LQFP52]  | (2956)       |
| Spanstion | MB95F394KWQN [QFN48]    | (2581)       |
| Spanstion | MB95F396H (ISP)         | (138) (9997) |
| Spanstion | MB95F396HPMC [LQFP48]   | (2580)       |
| Spanstion | MB95F396HPMC1 [LQFP52]  | (2956)       |
| Spanstion | MB95F396HWQN [QFN48]    | (2581)       |
| Spanstion | MB95F396K (ISP)         | (138) (9997) |
| Spanstion | MB95F396KPMC [LQFP48]   | (2580)       |
| Spanstion | MB95F396KPMC1 [LQFP52]  | (2956)       |
| Spanstion | MB95F396KWQN [QFN48]    | (2581)       |
| Spanstion | MB95F398H (ISP)         | (138) (9997) |
| Spanstion | MB95F398HPMC [LQFP48]   | (2580)       |
| Spanstion | MB95F398HPMC1 [LQFP52]  | (2956)       |
| Spanstion | MB95F398HWQN [QFN48]    | (2581)       |
| Spanstion | MB95F398K (ISP)         | (138) (9997) |
| Spanstion | MB95F398KPMC [LQFP48]   | (2580)       |
| Spanstion | MB95F398KPMC1 [LQFP52]  | (2956)       |
| Spanstion | MB95F398KWQN [QFN48]    | (2581)       |
| Spanstion | MB95F414H (ISP)         | (138) (9997) |
| Spanstion | MB95F414HPMC [LQFP80]   | (2582)       |
| Spanstion | MB95F414K (ISP)         | (138) (9997) |
| Spanstion | MB95F414KPMC [LQFP80]   | (2582)       |
| Spanstion | MB95F416H (ISP)         | (138) (9997) |
| Spanstion | MB95F416HPMC [LQFP80]   | (2582)       |
| Spanstion | MB95F416K (ISP)         | (138) (9997) |
| Spanstion | MB95F416KPMC [LQFP80]   | (2582)       |
| Spanstion | MB95F418H (ISP)         | (138) (9997) |
| Spanstion | MB95F418HPMC [LQFP80]   | (2582)       |
| Spanstion | MB95F418K (ISP)         | (138) (9997) |
| Spanstion | MB95F418KPMC [LQFP80]   | (2582)       |
| Spanstion | MB95F474H (ISP)         | (138) (9997) |
| Spanstion | MB95F474HPMC1 [LQFP64]  | (2583)       |
| Spanstion | MB95F474HPMC2 [LQFP64]  | (2584)       |
| Spanstion | MB95F474K (ISP)         | (138) (9997) |
| Spanstion | MB95F474KPMC1 [LQFP64]  | (2583)       |
| Spanstion | MB95F474KPMC2 [LQFP64]  | (2584)       |
| Spanstion | MB95F476H (ISP)         | (138) (9997) |
| Spanstion | MB95F476HPMC1 [LQFP64]  | (2583)       |
| Spanstion | MB95F476HPMC2 [LQFP64]  | (2584)       |
| Spanstion | MB95F476K (ISP)         | (138) (9997) |
| Spanstion | MB95F476KPMC1 [LQFP64]  | (2583)       |
| Spanstion | MB95F476KPMC2 [LQFP64]  | (2584)       |
| Spanstion | MB95F478H (ISP)         | (138) (9997) |
| Spanstion | MB95F478HPMC1 [LQFP64]  | (2583)       |
| Spanstion | MB95F478HPMC2 [LQFP64]  | (2584)       |
| Spanstion | MB95F478K (ISP)         | (138) (9997) |
| Spanstion | MB95F478KPMC1 [LQFP64]  | (2583)       |
| Spanstion | MB95F478KPMC2 [LQFP64]  | (2584)       |
| Spanstion | MB95F562H (ISP)         | (138) (9997) |
| Spanstion | MB95F562HNPF [SOP20]    | (2358)       |
| Spanstion | MB95F562HNPF [TSSOP20]  | (2360)       |
| Spanstion | MB95F562HNWQN [QFN32]   | (2361)       |
| Spanstion | MB95F562HPF [SOP20]     | (2358)       |
| Spanstion | MB95F562HPFT [TSSOP20]  | (2360)       |
| Spanstion | MB95F562HWQN [QFN32]    | (2361)       |
| Spanstion | MB95F562K (ISP)         | (138) (9997) |
| Spanstion | MB95F562KNPF [SOP20]    | (2358)       |
| Spanstion | MB95F562KNPFT [TSSOP20] | (2360)       |
| Spanstion | MB95F562KNWQN [QFN32]   | (2361)       |
| Spanstion | MB95F562KPF [SOP20]     | (2358)       |
| Spanstion | MB95F562KPFT [TSSOP20]  | (2360)       |
| Spanstion | MB95F562KWQN [QFN32]    | (2361)       |
| Spanstion | MB95F563H (ISP)         | (138) (9997) |
| Spanstion | MB95F563HNPF [SOP20]    | (2358)       |
| Spanstion | MB95F563HNPF [TSSOP20]  | (2360)       |
| Spanstion | MB95F563HNWQN [QFN32]   | (2361)       |
| Spanstion | MB95F563HPF [SOP20]     | (2358)       |
| Spanstion | MB95F563HPFT [TSSOP20]  | (2360)       |
| Spanstion | MB95F563HWQN [QFN32]    | (2361)       |
| Spanstion | MB95F563K (ISP)         | (138) (9997) |
| Spanstion | MB95F563KNPF [SOP20]    | (2358)       |
| Spanstion | MB95F563KNPFT [TSSOP20] | (2360)       |
| Spanstion | MB95F563KNWQN [QFN32]   | (2361)       |
| Spanstion | MB95F563KPF [SOP20]     | (2358)       |
| Spanstion | MB95F563KPFT [TSSOP20]  | (2360)       |
| Spanstion | MB95F563KWQN [QFN32]    | (2361)       |
| Spanstion | MB95F564H (ISP)         | (138) (9997) |
| Spanstion | MB95F564HNPF [SOP20]    | (2358)       |
| Spanstion | MB95F564HNPF [TSSOP20]  | (2360)       |
| Spanstion | MB95F564HNWQN [QFN32]   | (2361)       |
| Spanstion | MB95F564HPF [SOP20]     | (2358)       |
| Spanstion | MB95F564HPFT [TSSOP20]  | (2360)       |
| Spanstion | MB95F564HWQN [QFN32]    | (2361)       |
| Spanstion | MB95F564K (ISP)         | (138) (9997) |
| Spanstion | MB95F564KNPF [SOP20]    | (2358)       |
| Spanstion | MB95F564KNPFT [TSSOP20] | (2360)       |
| Spanstion | MB95F564KNWQN [QFN32]   | (2361)       |
| Spanstion | MB95F564KPF [SOP20]     | (2358)       |
| Spanstion | MB95F564KPFT [TSSOP20]  | (2360)       |
| Spanstion | MB95F564KWQN [QFN32]    | (2361)       |
| Spanstion | MB95F572H (ISP)         | (138) (9997) |
| Spanstion | MB95F572HNPF [SOP8]     | (2356)       |
| Spanstion | MB95F572HPF [SOP8]      | (2356)       |
| Spanstion | MB95F572K (ISP)         | (138) (9997) |
| Spanstion | MB95F572KNPF [SOP8]     | (2356)       |
| Spanstion | MB95F572KPF [SOP8]      | (2356)       |
| Spanstion | MB95F573H (ISP)         | (138) (9997) |
| Spanstion | MB95F573HNPF [SOP8]     | (2356)       |
| Spanstion | MB95F573HPF [SOP8]      | (2356)       |
| Spanstion | MB95F573K (ISP)         | (138) (9997) |
| Spanstion | MB95F573KNPF [SOP8]     | (2356)       |
| Spanstion | MB95F573KPF [SOP8]      | (2356)       |
| Spanstion | MB95F574H (ISP)         | (138) (9997) |
| Spanstion | MB95F574HNPF [SOP8]     | (2356)       |
| Spanstion | MB95F574HPF [SOP8]      | (2356)       |
| Spanstion | MB95F574K (ISP)         | (138) (9997) |
| Spanstion | MB95F574KNPF [SOP8]     | (2356)       |
| Spanstion | MB95F574KPF [SOP8]      | (2356)       |
| Spanstion | MB95F582H (ISP)         | (138) (9997) |
| Spanstion | MB95F582HNPF [SOP16]    | (2938)       |
| Spanstion | MB95F582HNPF [TSSOP16]  | (2939)       |

|      |     |                         |              |
|------|-----|-------------------------|--------------|
| Span | ion | MB95F582HNWQ [QFN32]    | (2337)       |
| Span | ion | MB95F582HPF [SOP16]     | (2938)       |
| Span | ion | MB95F582HPFT [TSSOP16]  | (2938)       |
| Span | ion | MB95F582HWQ [QFN32]     | (2337)       |
| Span | ion | MB95F582K (ISP)         | (138) (9997) |
| Span | ion | MB95F582KNPF [SOP16]    | (2938)       |
| Span | ion | MB95F582KNPFT [TSSOP16] | (2939)       |
| Span | ion | MB95F582KNWQ [QFN32]    | (2337)       |
| Span | ion | MB95F582KPF [SOP16]     | (2938)       |
| Span | ion | MB95F582KPFT [TSSOP16]  | (2939)       |
| Span | ion | MB95F582KWQ [QFN32]     | (2337)       |
| Span | ion | MB95F583H (ISP)         | (138) (9997) |
| Span | ion | MB95F583HNP [SOP16]     | (2938)       |
| Span | ion | MB95F583HNPFT [TSSOP16] | (2939)       |
| Span | ion | MB95F583HNWQ [QFN32]    | (2337)       |
| Span | ion | MB95F583HPF [SOP16]     | (2938)       |
| Span | ion | MB95F583HPFT [TSSOP16]  | (2939)       |
| Span | ion | MB95F583HWQ [QFN32]     | (2337)       |
| Span | ion | MB95F583K (ISP)         | (138) (9997) |
| Span | ion | MB95F583KNPF [SOP16]    | (2938)       |
| Span | ion | MB95F583KNPFT [TSSOP16] | (2939)       |
| Span | ion | MB95F583KNWQ [QFN32]    | (2337)       |
| Span | ion | MB95F583KPF [SOP16]     | (2938)       |
| Span | ion | MB95F583KPFT [TSSOP16]  | (2939)       |
| Span | ion | MB95F583KWQ [QFN32]     | (2337)       |
| Span | ion | MB95F584H (ISP)         | (138) (9997) |
| Span | ion | MB95F584HNP [SOP16]     | (2938)       |
| Span | ion | MB95F584HNPFT [TSSOP16] | (2939)       |
| Span | ion | MB95F584HNWQ [QFN32]    | (2337)       |
| Span | ion | MB95F584HPF [SOP16]     | (2938)       |
| Span | ion | MB95F584HPFT [TSSOP16]  | (2939)       |
| Span | ion | MB95F584HWQ [QFN32]     | (2337)       |
| Span | ion | MB95F584K (ISP)         | (138) (9997) |
| Span | ion | MB95F584KNPF [SOP16]    | (2938)       |
| Span | ion | MB95F584KNPFT [TSSOP16] | (2939)       |
| Span | ion | MB95F584KNWQ [QFN32]    | (2337)       |
| Span | ion | MB95F584KPF [SOP16]     | (2938)       |
| Span | ion | MB95F584KPFT [TSSOP16]  | (2939)       |
| Span | ion | MB95F584KWQ [QFN32]     | (2337)       |
| Span | ion | MB95F632H (ISP)         | (138) (9997) |
| Span | ion | MB95F632HNP [SDIP32]    | (2886)       |
| Span | ion | MB95F632HNPMC [LQFP32]  | (2402)       |
| Span | ion | MB95F632HNWQ [QFN32]    | (2362)       |
| Span | ion | MB95F632HP [SDIP32]     | (2886)       |
| Span | ion | MB95F632HPMC [LQFP32]   | (2402)       |
| Span | ion | MB95F632HWQ [QFN32]     | (2362)       |
| Span | ion | MB95F632K (ISP)         | (138) (9997) |
| Span | ion | MB95F632KNP [SDIP32]    | (2886)       |
| Span | ion | MB95F632KNPMC [LQFP32]  | (2402)       |
| Span | ion | MB95F632KNWQ [QFN32]    | (2362)       |
| Span | ion | MB95F632KP [SDIP32]     | (2886)       |
| Span | ion | MB95F632KPMC [LQFP32]   | (2402)       |
| Span | ion | MB95F632KWQ [QFN32]     | (2362)       |
| Span | ion | MB95F633H (ISP)         | (138) (9997) |
| Span | ion | MB95F633HNP [SDIP32]    | (2886)       |
| Span | ion | MB95F633HNPMC [LQFP32]  | (2402)       |
| Span | ion | MB95F633HNWQ [QFN32]    | (2362)       |
| Span | ion | MB95F633HP [SDIP32]     | (2886)       |
| Span | ion | MB95F633HPMC [LQFP32]   | (2402)       |
| Span | ion | MB95F633HWQ [QFN32]     | (2362)       |
| Span | ion | MB95F633K (ISP)         | (138) (9997) |
| Span | ion | MB95F633KNP [SDIP32]    | (2886)       |
| Span | ion | MB95F633KNPMC [LQFP32]  | (2402)       |
| Span | ion | MB95F633KNWQ [QFN32]    | (2362)       |
| Span | ion | MB95F633KP [SDIP32]     | (2886)       |
| Span | ion | MB95F633KPMC [LQFP32]   | (2402)       |
| Span | ion | MB95F633KWQ [QFN32]     | (2362)       |
| Span | ion | MB95F634H (ISP)         | (138) (9997) |
| Span | ion | MB95F634HNP [SDIP32]    | (2886)       |
| Span | ion | MB95F634HNPMC [LQFP32]  | (2402)       |
| Span | ion | MB95F634HNWQ [QFN32]    | (2362)       |
| Span | ion | MB95F634HP [SDIP32]     | (2886)       |
| Span | ion | MB95F634HPMC [LQFP32]   | (2402)       |
| Span | ion | MB95F634HWQ [QFN32]     | (2362)       |
| Span | ion | MB95F634K (ISP)         | (138) (9997) |
| Span | ion | MB95F634KNP [SDIP32]    | (2886)       |
| Span | ion | MB95F634KNPMC [LQFP32]  | (2402)       |
| Span | ion | MB95F634KNWQ [QFN32]    | (2362)       |
| Span | ion | MB95F634KP [SDIP32]     | (2886)       |
| Span | ion | MB95F634KPMC [LQFP32]   | (2402)       |
| Span | ion | MB95F634KWQ [QFN32]     | (2362)       |
| Span | ion | MB95F636H (ISP)         | (138) (9997) |
| Span | ion | MB95F636HNP [SDIP32]    | (2886)       |
| Span | ion | MB95F636HNPMC [LQFP32]  | (2402)       |
| Span | ion | MB95F636HNWQ [QFN32]    | (2362)       |
| Span | ion | MB95F636HP [SDIP32]     | (2886)       |
| Span | ion | MB95F636HPMC [LQFP32]   | (2402)       |
| Span | ion | MB95F636HWQ [QFN32]     | (2362)       |
| Span | ion | MB95F636K (ISP)         | (138) (9997) |
| Span | ion | MB95F636KNP [SDIP32]    | (2886)       |
| Span | ion | MB95F636KNPMC [LQFP32]  | (2402)       |
| Span | ion | MB95F636KNWQ [QFN32]    | (2362)       |
| Span | ion | MB95F636KP [SDIP32]     | (2886)       |
| Span | ion | MB95F636KPMC [LQFP32]   | (2402)       |
| Span | ion | MB95F636KWQ [QFN32]     | (2362)       |
| Span | ion | MB95F652E (ISP)         | (138) (9997) |
| Span | ion | MB95F652ENPF [SOP24]    | (2958)       |
| Span | ion | MB95F652ENPFT [TSSOP24] | (2957)       |
| Span | ion | MB95F652ENWQ [QFN32]    | (2959)       |
| Span | ion | MB95F652EPF [SOP24]     | (2958)       |
| Span | ion | MB95F652EPFT [TSSOP24]  | (2957)       |
| Span | ion | MB95F652EWQ [QFN32]     | (2959)       |
| Span | ion | MB95F652L (ISP)         | (138) (9997) |
| Span | ion | MB95F652LNPF [SOP24]    | (2958)       |
| Span | ion | MB95F652LNPFT [TSSOP24] | (2957)       |
| Span | ion | MB95F652LNWQ [QFN32]    | (2959)       |
| Span | ion | MB95F652LPF [SOP24]     | (2958)       |
| Span | ion | MB95F652LPFT [TSSOP24]  | (2957)       |
| Span | ion | MB95F652LWQ [QFN32]     | (2959)       |
| Span | ion | MB95F653E (ISP)         | (138) (9997) |
| Span | ion | MB95F653ENPF [SOP24]    | (2958)       |
| Span | ion | MB95F653ENPFT [TSSOP24] | (2957)       |
| Span | ion | MB95F653ENWQ [QFN32]    | (2959)       |
| Span | ion | MB95F653EPF [SOP24]     | (2958)       |
| Span | ion | MB95F653EPFT [TSSOP24]  | (2957)       |
| Span | ion | MB95F653EWQ [QFN32]     | (2959)       |
| Span | ion | MB95F653L (ISP)         | (138) (9997) |
| Span | ion | MB95F653LNPF [SOP24]    | (2958)       |
| Span | ion | MB95F653LNPFT [TSSOP24] | (2957)       |
| Span | ion | MB95F653LNWQ [QFN32]    | (2959)       |
| Span | ion | MB95F653LPF [SOP24]     | (2958)       |
| Span | ion | MB95F653LPFT [TSSOP24]  | (2957)       |
| Span | ion | MB95F653LWQ [QFN32]     | (2959)       |
| Span | ion | MB95F654E (ISP)         | (138) (9997) |
| Span | ion | MB95F654ENPF [SOP24]    | (2958)       |
| Span | ion | MB95F654ENPFT [TSSOP24] | (2957)       |
| Span | ion | MB95F654ENWQ [QFN32]    | (2959)       |
| Span | ion | MB95F654EPF [SOP24]     | (2958)       |

|           |                                 |              |
|-----------|---------------------------------|--------------|
| Spanstion | MB95F654EPFT [TSSOP24]          | (2957)       |
| Spanstion | MB95F654EWQN [QFN32]            | (2959)       |
| Spanstion | MB95F654L (ISP)                 | (138) (9997) |
| Spanstion | MB95F654LNPF [SOP24]            | (2958)       |
| Spanstion | MB95F654LNPFT [TSSOP24]         | (2957)       |
| Spanstion | MB95F654LNWQN [QFN32]           | (2959)       |
| Spanstion | MB95F654LPF [SOP24]             | (2958)       |
| Spanstion | MB95F654LPFT [TSSOP24]          | (2957)       |
| Spanstion | MB95F654LWQN [QFN32]            | (2959)       |
| Spanstion | MB95F656E (ISP)                 | (138) (9997) |
| Spanstion | MB95F656ENPF [SOP24]            | (2958)       |
| Spanstion | MB95F656ENPFT [TSSOP24]         | (2957)       |
| Spanstion | MB95F656ENWQN [QFN32]           | (2959)       |
| Spanstion | MB95F656EPF [SOP24]             | (2958)       |
| Spanstion | MB95F656EPFT [TSSOP24]          | (2957)       |
| Spanstion | MB95F656EWQN [QFN32]            | (2959)       |
| Spanstion | MB95F656L (ISP)                 | (138) (9997) |
| Spanstion | MB95F656LNPF [SOP24]            | (2958)       |
| Spanstion | MB95F656LNPFT [TSSOP24]         | (2957)       |
| Spanstion | MB95F656LNWQN [QFN32]           | (2959)       |
| Spanstion | MB95F656LPF [SOP24]             | (2958)       |
| Spanstion | MB95F656LPFT [TSSOP24]          | (2957)       |
| Spanstion | MB95F656LWQN [QFN32]            | (2959)       |
| Spanstion | MB95F694K (ISP)                 | (138) (9997) |
| Spanstion | MB95F694KPMC [LQFP48]           | (2580)       |
| Spanstion | MB95F694KPMC1 [LQFP52]          | (2956)       |
| Spanstion | MB95F694KPMC2 [LQFP44]          | (3241)       |
| Spanstion | MB95F694KWQN [QFN48]            | (2581)       |
| Spanstion | MB95F696K (ISP)                 | (138) (9997) |
| Spanstion | MB95F696KPMC [LQFP48]           | (2580)       |
| Spanstion | MB95F696KPMC1 [LQFP52]          | (2956)       |
| Spanstion | MB95F696KPMC2 [LQFP44]          | (3241)       |
| Spanstion | MB95F696KWQN [QFN48]            | (2581)       |
| Spanstion | MB95F698K (ISP)                 | (138) (9997) |
| Spanstion | MB95F698KPMC [LQFP48]           | (2580)       |
| Spanstion | MB95F698KPMC1 [LQFP52]          | (2956)       |
| Spanstion | MB95F698KPMC2 [LQFP44]          | (3241)       |
| Spanstion | MB95F698KWQN [QFN48]            | (2581)       |
| Spanstion | MB95F714E (ISP)                 | (138) (9997) |
| Spanstion | MB95F714EPMC [LQFP80]           | (2582)       |
| Spanstion | MB95F714J (ISP)                 | (138) (9997) |
| Spanstion | MB95F714JPMC [LQFP80]           | (2582)       |
| Spanstion | MB95F714L (ISP)                 | (138) (9997) |
| Spanstion | MB95F714LPMC [LQFP80]           | (2582)       |
| Spanstion | MB95F714M (ISP)                 | (138) (9997) |
| Spanstion | MB95F714MPMC [LQFP80]           | (2582)       |
| Spanstion | MB95F716E (ISP)                 | (138) (9997) |
| Spanstion | MB95F716EPMC [LQFP80]           | (2582)       |
| Spanstion | MB95F716J (ISP)                 | (138) (9997) |
| Spanstion | MB95F716JPMC [LQFP80]           | (2582)       |
| Spanstion | MB95F716L (ISP)                 | (138) (9997) |
| Spanstion | MB95F716LPMC [LQFP80]           | (2582)       |
| Spanstion | MB95F716M (ISP)                 | (138) (9997) |
| Spanstion | MB95F716MPMC [LQFP80]           | (2582)       |
| Spanstion | MB95F718E (ISP)                 | (138) (9997) |
| Spanstion | MB95F718EPMC [LQFP80]           | (2582)       |
| Spanstion | MB95F718J (ISP)                 | (138) (9997) |
| Spanstion | MB95F718JPMC [LQFP80]           | (2582)       |
| Spanstion | MB95F718L (ISP)                 | (138) (9997) |
| Spanstion | MB95F718LPMC [LQFP80]           | (2582)       |
| Spanstion | MB95F718M (ISP)                 | (138) (9997) |
| Spanstion | MB95F718MPMC [LQFP80]           | (2582)       |
| Spanstion | MB95F774E (ISP)                 | (138) (9997) |
| Spanstion | MB95F774EPMC1 [LQFP64]          | (2583)       |
| Spanstion | MB95F774EPMC2 [LQFP64]          | (2584)       |
| Spanstion | MB95F774J (ISP)                 | (138) (9997) |
| Spanstion | MB95F774JPMC1 [LQFP64]          | (2583)       |
| Spanstion | MB95F774JPMC2 [LQFP64]          | (2584)       |
| Spanstion | MB95F774L (ISP)                 | (138) (9997) |
| Spanstion | MB95F774LPMC1 [LQFP64]          | (2583)       |
| Spanstion | MB95F774LPMC2 [LQFP64]          | (2584)       |
| Spanstion | MB95F774M (ISP)                 | (138) (9997) |
| Spanstion | MB95F774MPMC1 [LQFP64]          | (2583)       |
| Spanstion | MB95F774MPMC2 [LQFP64]          | (2584)       |
| Spanstion | MB95F776E (ISP)                 | (138) (9997) |
| Spanstion | MB95F776EPMC1 [LQFP64]          | (2583)       |
| Spanstion | MB95F776EPMC2 [LQFP64]          | (2584)       |
| Spanstion | MB95F776J (ISP)                 | (138) (9997) |
| Spanstion | MB95F776JPMC1 [LQFP64]          | (2583)       |
| Spanstion | MB95F776JPMC2 [LQFP64]          | (2584)       |
| Spanstion | MB95F776L (ISP)                 | (138) (9997) |
| Spanstion | MB95F776LPMC1 [LQFP64]          | (2583)       |
| Spanstion | MB95F776LPMC2 [LQFP64]          | (2584)       |
| Spanstion | MB95F776M (ISP)                 | (138) (9997) |
| Spanstion | MB95F776MPMC1 [LQFP64]          | (2583)       |
| Spanstion | MB95F776MPMC2 [LQFP64]          | (2584)       |
| Spanstion | MB95F778E (ISP)                 | (138) (9997) |
| Spanstion | MB95F778EPMC1 [LQFP64]          | (2583)       |
| Spanstion | MB95F778EPMC2 [LQFP64]          | (2584)       |
| Spanstion | MB95F778J (ISP)                 | (138) (9997) |
| Spanstion | MB95F778JPMC1 [LQFP64]          | (2583)       |
| Spanstion | MB95F778JPMC2 [LQFP64]          | (2584)       |
| Spanstion | MB95F778L (ISP)                 | (138) (9997) |
| Spanstion | MB95F778LPMC1 [LQFP64]          | (2583)       |
| Spanstion | MB95F778LPMC2 [LQFP64]          | (2584)       |
| Spanstion | MB95F778M (ISP)                 | (138) (9997) |
| Spanstion | MB95F778MPMC1 [LQFP64]          | (2583)       |
| Spanstion | MB95F778MPMC2 [LQFP64]          | (2584)       |
| Spanstion | MB95F814K (ISP)                 | (138) (9997) |
| Spanstion | MB95F814KPMC [LQFP64]           | (3109)       |
| Spanstion | MB95F814KPMC1 [LQFP64]          | (3108)       |
| Spanstion | MB95F816K (ISP)                 | (138) (9997) |
| Spanstion | MB95F816KPMC [LQFP64]           | (3109)       |
| Spanstion | MB95F816KPMC1 [LQFP64]          | (3108)       |
| Spanstion | MB95F818K (ISP)                 | (138) (9997) |
| Spanstion | MB95F818KPMC [LQFP64]           | (3109)       |
| Spanstion | MB95F818KPMC1 [LQFP64]          | (3108)       |
| Spanstion | MB95F856K (ISP)                 | (138) (9997) |
| Spanstion | MB95F856KPF [SOP24]             | (2961)       |
| Spanstion | MB95F856KPFT [TSSOP24]          | (2960)       |
| Spanstion | MB95F866K (ISP)                 | (138) (9997) |
| Spanstion | MB95F866KPMC [LQFP32]           | (3040)       |
| Spanstion | MB95F876K (ISP)                 | (138) (9997) |
| Spanstion | MB95F876KPMC [LQFP48]           | (2962)       |
| Spanstion | MB96F313RSB [LQFP48]            | (1531)       |
| Spanstion | MB96F313RWB [LQFP48]            | (1531)       |
| Spanstion | MB96F313YSB [LQFP48]            | (1531)       |
| Spanstion | MB96F313YWB [LQFP48]            | (1531)       |
| Spanstion | MB96F315 (ISP)                  | (138) (9999) |
| Spanstion | MB96F315 (ISP) (asynch. USART2) | (138) (9999) |
| Spanstion | MB96F315RSB [LQFP48]            | (1531)       |
| Spanstion | MB96F315RWB [LQFP48]            | (1531)       |
| Spanstion | MB96F315YSB [LQFP48]            | (1531)       |
| Spanstion | MB96F315YWB [LQFP48]            | (1531)       |
| Spanstion | MB96F346ASBPMC [LQFP100]        | (2673)       |
| Spanstion | MB96F346ASBPQC [QFP100]         | (2710)       |
| Spanstion | MB96F346AWBPMC [LQFP100]        | (2673)       |
| Spanstion | MB96F346AWBPQC [QFP100]         | (2710)       |

|           |                                 |           |              |
|-----------|---------------------------------|-----------|--------------|
| Spanstion | MB96F346RSBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F346RSBPQC                  | [QFP100]  | (2710)       |
| Spanstion | MB96F346RWBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F346RWBPCQ                  | [QFP100]  | (2710)       |
| Spanstion | MB96F346YSBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F346YSBPQC                  | [QFP100]  | (2710)       |
| Spanstion | MB96F346YWBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F346YWBPCQ                  | [QFP100]  | (2710)       |
| Spanstion | MB96F347ASBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F347ASBPQC                  | [QFP100]  | (2710)       |
| Spanstion | MB96F347AWBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F347AWBPQC                  | [QFP100]  | (2710)       |
| Spanstion | MB96F347RSBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F347RSBPQC                  | [QFP100]  | (2710)       |
| Spanstion | MB96F347RWBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F347RWBPCQ                  | [QFP100]  | (2710)       |
| Spanstion | MB96F347YSBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F347YSBPQC                  | [QFP100]  | (2710)       |
| Spanstion | MB96F347YWBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F347YWBPCQ                  | [QFP100]  | (2710)       |
| Spanstion | MB96F348ASBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F348ASBPQC                  | [QFP100]  | (2710)       |
| Spanstion | MB96F348AWBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F348AWBPQC                  | [QFP100]  | (2710)       |
| Spanstion | MB96F348RSBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F348RSBPQC                  | [QFP100]  | (2710)       |
| Spanstion | MB96F348RWBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F348RWBPCQ                  | [QFP100]  | (2710)       |
| Spanstion | MB96F348YSBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F348YSBPQC                  | [QFP100]  | (2710)       |
| Spanstion | MB96F348YWBPMC                  | [LQFP100] | (2673)       |
| Spanstion | MB96F348YWBPCQ                  | [QFP100]  | (2710)       |
| Spanstion | MB96F353ASBPMC1                 | [LQFP64]  | (2632)       |
| Spanstion | MB96F353AWBPMC1                 | [LQFP64]  | (2632)       |
| Spanstion | MB96F353RSBPMC                  | [LQFP64]  | (2633)       |
| Spanstion | MB96F353RSBPMC1                 | [LQFP64]  | (2632)       |
| Spanstion | MB96F353RWBPMC                  | [LQFP64]  | (2633)       |
| Spanstion | MB96F353RWBPMC1                 | [LQFP64]  | (2632)       |
| Spanstion | MB96F355 (ISP) (asynch. USART2) |           | (138) (9999) |
| Spanstion | MB96F355ASBPMC                  | [LQFP64]  | (2633)       |
| Spanstion | MB96F355ASBPMC1                 | [LQFP64]  | (2632)       |
| Spanstion | MB96F355AWBPMC                  | [LQFP64]  | (2633)       |
| Spanstion | MB96F355AWBPMC1                 | [LQFP64]  | (2632)       |
| Spanstion | MB96F355RSBPMC                  | [LQFP64]  | (2633)       |
| Spanstion | MB96F355RSBPMC1                 | [LQFP64]  | (2632)       |
| Spanstion | MB96F355RWBPMC                  | [LQFP64]  | (2633)       |
| Spanstion | MB96F355RWBPMC1                 | [LQFP64]  | (2632)       |
| Spanstion | MB96F356 (ISP) (asynch. USART2) |           | (138) (9999) |
| Spanstion | MB96F356ASBPMC                  | [LQFP64]  | (2633)       |
| Spanstion | MB96F356ASBPMC1                 | [LQFP64]  | (2632)       |
| Spanstion | MB96F356AWBPMC                  | [LQFP64]  | (2633)       |
| Spanstion | MB96F356AWBPMC1                 | [LQFP64]  | (2632)       |
| Spanstion | MB96F356RSBPMC                  | [LQFP64]  | (2633)       |
| Spanstion | MB96F356RSBPMC1                 | [LQFP64]  | (2632)       |
| Spanstion | MB96F356RWBPMC                  | [LQFP64]  | (2633)       |
| Spanstion | MB96F356RWBPMC1                 | [LQFP64]  | (2632)       |
| Spanstion | MB96F378HSBPMC                  | [LQFP144] | (2684)       |
| Spanstion | MB96F378HSBPMC1                 | [LQFP144] | (2711)       |
| Spanstion | MB96F378HWPBPMC                 | [LQFP144] | (2684)       |
| Spanstion | MB96F378HWPBPMC1                | [LQFP144] | (2711)       |
| Spanstion | MB96F385RSA                     | [LQFP120] | (1040)       |
| Spanstion | MB96F385RWA                     | [LQFP120] | (1040)       |
| Spanstion | MB96F385YSA                     | [LQFP120] | (1040)       |
| Spanstion | MB96F386RSB                     | [LQFP120] | (1040)       |
| Spanstion | MB96F386RWB                     | [LQFP120] | (1040)       |
| Spanstion | MB96F386YSB                     | [LQFP120] | (1040)       |
| Spanstion | MB96F386YWB                     | [LQFP120] | (1040)       |
| Spanstion | MB96F387RSB                     | [LQFP120] | (1040)       |
| Spanstion | MB96F387RWB                     | [LQFP120] | (1040)       |
| Spanstion | MB96F387YSB                     | [LQFP120] | (1040)       |
| Spanstion | MB96F387YWB                     | [LQFP120] | (1040)       |
| Spanstion | MB96F395RSA                     | [LQFP100] | (2398)       |
| Spanstion | MB96F395RSB                     | [LQFP100] | (2398)       |
| Spanstion | MB96F395RWA                     | [LQFP100] | (2398)       |
| Spanstion | MB96F395RWB                     | [LQFP100] | (2398)       |
| Spanstion | MB96F395YSA                     | [LQFP100] | (2398)       |
| Spanstion | MB96F395YWA                     | [LQFP100] | (2398)       |
| Spanstion | MB96F612ABPMC                   | [LQFP48]  | (2936)       |
| Spanstion | MB96F612RBPBPMC                 | [LQFP48]  | (2936)       |
| Spanstion | MB96F613ABPMC                   | [LQFP48]  | (2936)       |
| Spanstion | MB96F613RBPBPMC                 | [LQFP48]  | (2936)       |
| Spanstion | MB96F615ABPMC                   | [LQFP48]  | (2936)       |
| Spanstion | MB96F615RBPBPMC                 | [LQFP48]  | (2936)       |
| Spanstion | MB96F622ABPMC                   | [LQFP64]  | (2935)       |
| Spanstion | MB96F622ABPMC1                  | [LQFP64]  | (2928)       |
| Spanstion | MB96F622RBPBPMC                 | [LQFP64]  | (2935)       |
| Spanstion | MB96F622RBPBPMC1                | [LQFP64]  | (2928)       |
| Spanstion | MB96F623ABPMC                   | [LQFP64]  | (2935)       |
| Spanstion | MB96F623ABPMC1                  | [LQFP64]  | (2928)       |
| Spanstion | MB96F623RBPBPMC                 | [LQFP64]  | (2935)       |
| Spanstion | MB96F623RBPBPMC1                | [LQFP64]  | (2928)       |
| Spanstion | MB96F625ABPMC                   | [LQFP64]  | (2935)       |
| Spanstion | MB96F625ABPMC1                  | [LQFP64]  | (2928)       |
| Spanstion | MB96F625RBPBPMC                 | [LQFP64]  | (2935)       |
| Spanstion | MB96F625RBPBPMC1                | [LQFP64]  | (2928)       |
| Spanstion | MB96F633ABPMC                   | [LQFP80]  | (3041)       |
| Spanstion | MB96F633RBPBPMC                 | [LQFP80]  | (3041)       |
| Spanstion | MB96F635ABPMC                   | [LQFP80]  | (3041)       |
| Spanstion | MB96F635RBPBPMC                 | [LQFP80]  | (3041)       |
| Spanstion | MB96F636RBPBPMC                 | [LQFP80]  | (3041)       |
| Spanstion | MB96F637RBPBPMC                 | [LQFP80]  | (3041)       |
| Spanstion | MB96F643ABPMC                   | [LQFP100] | (3012)       |
| Spanstion | MB96F643RBPBPMC                 | [LQFP100] | (3012)       |
| Spanstion | MB96F645ABPMC                   | [LQFP100] | (3012)       |
| Spanstion | MB96F645RBPBPMC                 | [LQFP100] | (3012)       |
| Spanstion | MB96F646RBPBPMC                 | [LQFP100] | (3012)       |
| Spanstion | MB96F647RBPBPMC                 | [LQFP100] | (3012)       |
| Spanstion | MB96F653ABPMC                   | [LQFP120] | (3023)       |
| Spanstion | MB96F653RBPBPMC                 | [LQFP120] | (3023)       |
| Spanstion | MB96F655ABPMC                   | [LQFP120] | (3023)       |
| Spanstion | MB96F655RBPBPMC                 | [LQFP120] | (3023)       |
| Spanstion | MB96F656RBPBPMC                 | [LQFP120] | (3023)       |
| Spanstion | MB96F657RBPBPMC                 | [LQFP120] | (3023)       |
| Spanstion | MB96F673ABPMC                   | [LQFP64]  | (2627)       |
| Spanstion | MB96F673ABPMC1                  | [LQFP64]  | (3035)       |
| Spanstion | MB96F673RBPBPMC                 | [LQFP64]  | (2627)       |
| Spanstion | MB96F673RBPBPMC1                | [LQFP64]  | (3035)       |
| Spanstion | MB96F675ABPMC                   | [LQFP64]  | (2627)       |
| Spanstion | MB96F675ABPMC1                  | [LQFP64]  | (3035)       |
| Spanstion | MB96F675RBPBPMC                 | [LQFP64]  | (2627)       |
| Spanstion | MB96F675RBPBPMC1                | [LQFP64]  | (3035)       |
| Spanstion | MB96F683ABPMC                   | [LQFP80]  | (2608)       |
| Spanstion | MB96F683RBPBPMC                 | [LQFP80]  | (2608)       |
| Spanstion | MB96F685ABPMC                   | [LQFP80]  | (2608)       |
| Spanstion | MB96F685RBPBPMC                 | [LQFP80]  | (2608)       |
| Spanstion | MB96F693ABPMC                   | [LQFP100] | (3012)       |
| Spanstion | MB96F693RBPBPMC                 | [LQFP100] | (3012)       |
| Spanstion | MB96F695ABPMC                   | [LQFP100] | (3012)       |

|           |               |           |        |
|-----------|---------------|-----------|--------|
| Spanstion | MB96F695RBP   | [LQFP100] | (3012) |
| Spanstion | MB96F696RBP   | [LQFP100] | (3012) |
| Spanstion | MB96F6A5ABP   | [LQFP120] | (3023) |
| Spanstion | MB96F6A5RBP   | [LQFP120] | (3023) |
| Spanstion | MB96F6A6RBP   | [LQFP120] | (3023) |
| Spanstion | MB96F6B5ABP   | [LQFP100] | (3012) |
| Spanstion | MB96F6B5RBP   | [LQFP100] | (3012) |
| Spanstion | MB96F6B6RBP   | [LQFP100] | (3012) |
| Spanstion | MB96F6C5ABP   | [LQFP120] | (3023) |
| Spanstion | MB96F6C5RBP   | [LQFP120] | (3023) |
| Spanstion | MB96F6C6RBP   | [LQFP120] | (3023) |
| Spanstion | MB9AF111KPM   | [LQFP48]  | (2963) |
| Spanstion | MB9AF111KPM1  | [LQFP52]  | (3039) |
| Spanstion | MB9AF111KQN   | [QFN48]   | (3049) |
| Spanstion | MB9AF111LAP   | [LQFP64]  | (2937) |
| Spanstion | MB9AF111LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF111MAP   | [LQFP80]  | (2729) |
| Spanstion | MB9AF111NAPF  | [QFP100]  | (3332) |
| Spanstion | MB9AF111NAPM  | [LQFP100] | (2399) |
| Spanstion | MB9AF112KPM   | [LQFP48]  | (2963) |
| Spanstion | MB9AF112KPM1  | [LQFP52]  | (3039) |
| Spanstion | MB9AF112KQN   | [QFN48]   | (3049) |
| Spanstion | MB9AF112LAP   | [LQFP64]  | (2937) |
| Spanstion | MB9AF112LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF112MAP   | [LQFP80]  | (2729) |
| Spanstion | MB9AF112NAPF  | [QFP100]  | (3332) |
| Spanstion | MB9AF112NAPM  | [LQFP100] | (2399) |
| Spanstion | MB9AF114LAP   | [LQFP64]  | (2937) |
| Spanstion | MB9AF114LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF114MAP   | [LQFP80]  | (2729) |
| Spanstion | MB9AF114NAPF  | [QFP100]  | (3332) |
| Spanstion | MB9AF114NAPM  | [LQFP100] | (2399) |
| Spanstion | MB9AF116NAPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF121KPM   | [LQFP48]  | (2963) |
| Spanstion | MB9AF121KPM1  | [LQFP52]  | (3039) |
| Spanstion | MB9AF121KQN   | [QFN48]   | (3049) |
| Spanstion | MB9AF121LPM   | [LQFP64]  | (2937) |
| Spanstion | MB9AF121LPM1  | [LQFP64]  | (2683) |
| Spanstion | MB9AF121LWQN  | [QFN64]   | (4425) |
| Spanstion | MB9AF131KAPM  | [LQFP48]  | (2963) |
| Spanstion | MB9AF131LAPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF131LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF132KAPM  | [LQFP48]  | (2963) |
| Spanstion | MB9AF132LAPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF132LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF141LAPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF141LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF141MABGL | [PFBGA96] | (4533) |
| Spanstion | MB9AF141MAPM  | [LQFP80]  | (2729) |
| Spanstion | MB9AF141NAPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF141NAPQC | [QFP100]  | (3332) |
| Spanstion | MB9AF141NBPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF141NBPMC | [QFP100]  | (3332) |
| Spanstion | MB9AF142LAPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF142LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF142MABGL | [PFBGA96] | (4533) |
| Spanstion | MB9AF142MAPM  | [LQFP80]  | (2729) |
| Spanstion | MB9AF142NAPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF142NAPQC | [QFP100]  | (3332) |
| Spanstion | MB9AF142NBPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF142NBPMC | [QFP100]  | (3332) |
| Spanstion | MB9AF144LAPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF144LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF144MABGL | [PFBGA96] | (4533) |
| Spanstion | MB9AF144MAPM  | [LQFP80]  | (2729) |
| Spanstion | MB9AF144NAPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF144NAPQC | [QFP100]  | (3332) |
| Spanstion | MB9AF144NBPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF144NBPMC | [QFP100]  | (3332) |
| Spanstion | MB9AF154NAPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF154RAPM  | [LQFP120] | (3672) |
| Spanstion | MB9AF155NAPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF155RAPM  | [LQFP120] | (3672) |
| Spanstion | MB9AF156NAPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF156RAPM  | [LQFP120] | (3672) |
| Spanstion | MB9AF1A1LPM   | [LQFP64]  | (2937) |
| Spanstion | MB9AF1A1LPM1  | [LQFP64]  | (2683) |
| Spanstion | MB9AF1A1MPM1  | [LQFP80]  | (3215) |
| Spanstion | MB9AF1A2LPM   | [LQFP64]  | (2937) |
| Spanstion | MB9AF1A2LPM1  | [LQFP64]  | (2683) |
| Spanstion | MB9AF1A2MPM1  | [LQFP80]  | (3215) |
| Spanstion | MB9AF311KPM   | [LQFP48]  | (2963) |
| Spanstion | MB9AF311KPM1  | [LQFP52]  | (3039) |
| Spanstion | MB9AF311KQN   | [QFN48]   | (3049) |
| Spanstion | MB9AF311LAPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF311LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF311MAPM  | [LQFP80]  | (2729) |
| Spanstion | MB9AF311NAPF  | [QFP100]  | (3332) |
| Spanstion | MB9AF311NAPM  | [LQFP100] | (2399) |
| Spanstion | MB9AF312KPM   | [LQFP48]  | (2963) |
| Spanstion | MB9AF312KPM1  | [LQFP52]  | (3039) |
| Spanstion | MB9AF312KQN   | [QFN48]   | (3049) |
| Spanstion | MB9AF312LAPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF312LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF312MAPM  | [LQFP80]  | (2729) |
| Spanstion | MB9AF312NAPF  | [QFP100]  | (3332) |
| Spanstion | MB9AF312NAPM  | [LQFP100] | (2399) |
| Spanstion | MB9AF314LAPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF314LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF314MAPM  | [LQFP80]  | (2729) |
| Spanstion | MB9AF314NAPF  | [QFP100]  | (3332) |
| Spanstion | MB9AF314NAPM  | [LQFP100] | (2399) |
| Spanstion | MB9AF316NAPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF341LAPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF341LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF341LBPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF341LBPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF341MABGL | [PFBGA96] | (4533) |
| Spanstion | MB9AF341MAPM  | [LQFP80]  | (2729) |
| Spanstion | MB9AF341NAPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF341NAPQC | [QFP100]  | (3332) |
| Spanstion | MB9AF341NBPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF341NBPMC | [QFP100]  | (3332) |
| Spanstion | MB9AF342LAPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF342LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF342LBPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF342LBPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF342MABGL | [PFBGA96] | (4533) |
| Spanstion | MB9AF342MAPM  | [LQFP80]  | (2729) |
| Spanstion | MB9AF342NAPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF342NAPQC | [QFP100]  | (3332) |
| Spanstion | MB9AF342NBPM  | [LQFP100] | (2987) |
| Spanstion | MB9AF342NBPMC | [QFP100]  | (3332) |
| Spanstion | MB9AF344LAPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF344LAPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF344LBPM  | [LQFP64]  | (2937) |
| Spanstion | MB9AF344LBPM1 | [LQFP64]  | (2683) |
| Spanstion | MB9AF344MABGL | [PFBGA96] | (4533) |

|           |                    |            |              |
|-----------|--------------------|------------|--------------|
| Spanstion | MB9AF344MAPMC      | [LQFP80]   | (2729)       |
| Spanstion | MB9AF344NAPMC      | [LQFP100]  | (2987)       |
| Spanstion | MB9AF344NAPQC      | [QFP100]   | (3332)       |
| Spanstion | MB9AF344NBPMC      | [LQFP100]  | (2987)       |
| Spanstion | MB9AF344NBPMC      | [QFP100]   | (3332)       |
| Spanstion | MB9AF421KPMC       | [LQFP48]   | (2963)       |
| Spanstion | MB9AF421KPMC1      | [LQFP52]   | (3039)       |
| Spanstion | MB9AF421KWQN       | [QFN48]    | (3049)       |
| Spanstion | MB9AF421LPMC       | [LQFP64]   | (2937)       |
| Spanstion | MB9AF421LPMC1      | [LQFP64]   | (2683)       |
| Spanstion | MB9AF421LWQN       | [QFN64]    | (4425)       |
| Spanstion | MB9AFA31LPMC       | [LQFP64]   | (2937)       |
| Spanstion | MB9AFA31LPMC1      | [LQFP64]   | (2683)       |
| Spanstion | MB9AFA31MPMC1      | [LQFP80]   | (3215)       |
| Spanstion | MB9AFA32LPMC       | [LQFP64]   | (2937)       |
| Spanstion | MB9AFA32LPMC1      | [LQFP64]   | (2683)       |
| Spanstion | MB9AFA32MPMC1      | [LQFP80]   | (3215)       |
| Spanstion | MB9AFA41LBPMP      | [LQFP64]   | (2937)       |
| Spanstion | MB9AFA41LBPMP1     | [LQFP64]   | (2683)       |
| Spanstion | MB9AFA41LBQN       | [QFN64]    | (4425)       |
| Spanstion | MB9AFA41MBBGL      | [PFBGA96]  | (4533)       |
| Spanstion | MB9AFA41MBPMC      | [LQFP80]   | (2729)       |
| Spanstion | MB9AFA41MBPMC1     | [LQFP80]   | (3215)       |
| Spanstion | MB9AFA41NBBGL      | [PFBGA112] | (3154)       |
| Spanstion | MB9AFA41NBPMP      | [LQFP100]  | (2987)       |
| Spanstion | MB9AFA42LBPMP      | [LQFP64]   | (2937)       |
| Spanstion | MB9AFA42LBPMP1     | [LQFP64]   | (2683)       |
| Spanstion | MB9AFA42LBQN       | [QFN64]    | (4425)       |
| Spanstion | MB9AFA42MBBGL      | [PFBGA96]  | (4533)       |
| Spanstion | MB9AFA42MBPMC      | [LQFP80]   | (2729)       |
| Spanstion | MB9AFA42MBPMC1     | [LQFP80]   | (3215)       |
| Spanstion | MB9AFA42NBBGL      | [PFBGA112] | (3154)       |
| Spanstion | MB9AFA42NBPMC      | [LQFP100]  | (2987)       |
| Spanstion | MB9AFA44LBPMP      | [LQFP64]   | (2937)       |
| Spanstion | MB9AFA44LBPMP1     | [LQFP64]   | (2683)       |
| Spanstion | MB9AFA44LBQN       | [QFN64]    | (4425)       |
| Spanstion | MB9AFA44MBBGL      | [PFBGA96]  | (4533)       |
| Spanstion | MB9AFA44MBPMC      | [LQFP80]   | (2729)       |
| Spanstion | MB9AFA44MBPMC1     | [LQFP80]   | (3215)       |
| Spanstion | MB9AFA44NBBGL      | [PFBGA112] | (3154)       |
| Spanstion | MB9AFA44NBPMC      | [LQFP100]  | (2987)       |
| Spanstion | MB9AFAA1 (ISP-SPI) |            | (138) (9997) |
| Spanstion | MB9AFAA1LPMC       | [LQFP64]   | (2937)       |
| Spanstion | MB9AFAA1LPMC1      | [LQFP64]   | (2683)       |
| Spanstion | MB9AFAA1MPMC1      | [LQFP80]   | (3215)       |
| Spanstion | MB9AFAA2LPMC       | [LQFP64]   | (2937)       |
| Spanstion | MB9AFAA2LPMC1      | [LQFP64]   | (2683)       |
| Spanstion | MB9AFAA2MPMC1      | [LQFP80]   | (3215)       |
| Spanstion | MB9AFB41LAPMP      | [LQFP64]   | (2937)       |
| Spanstion | MB9AFB41LAPMP1     | [LQFP64]   | (2683)       |
| Spanstion | MB9AFB41MAPMP      | [LQFP80]   | (2729)       |
| Spanstion | MB9AFB41NBPMC      | [LQFP100]  | (2987)       |
| Spanstion | MB9AFB42LAPMP      | [LQFP64]   | (2937)       |
| Spanstion | MB9AFB42LAPMP1     | [LQFP64]   | (2683)       |
| Spanstion | MB9AFB42MAPMP      | [LQFP80]   | (2729)       |
| Spanstion | MB9AFB42NBPMC      | [LQFP100]  | (2987)       |
| Spanstion | MB9AFB44LAPMP      | [LQFP64]   | (2937)       |
| Spanstion | MB9AFB44LAPMP1     | [LQFP64]   | (2683)       |
| Spanstion | MB9AFB44MAPMP      | [LQFP80]   | (2729)       |
| Spanstion | MB9AFB44NBPMC      | [LQFP100]  | (2987)       |
| Spanstion | MB9BF104NABGL      | [PFBGA112] | (3303)       |
| Spanstion | MB9BF104NAPMP      | [LQFP100]  | (2399)       |
| Spanstion | MB9BF104RAPMP      | [LQFP120]  | (2363)       |
| Spanstion | MB9BF105NABGL      | [PFBGA112] | (3303)       |
| Spanstion | MB9BF105NAPMP      | [LQFP100]  | (2399)       |
| Spanstion | MB9BF105RAPMP      | [LQFP120]  | (2363)       |
| Spanstion | MB9BF106NABGL      | [PFBGA112] | (3303)       |
| Spanstion | MB9BF106NAPMP      | [LQFP100]  | (2399)       |
| Spanstion | MB9BF106RAPMP      | [LQFP120]  | (2363)       |
| Spanstion | MB9BF112NBGL       | [PFBGA112] | (3154)       |
| Spanstion | MB9BF112NPMMP      | [LQFP100]  | (2987)       |
| Spanstion | MB9BF112NPQC       | [QFP100]   | (3332)       |
| Spanstion | MB9BF112RPMMP      | [LQFP120]  | (3672)       |
| Spanstion | MB9BF114NBGL       | [PFBGA112] | (3154)       |
| Spanstion | MB9BF114NPMMP      | [LQFP100]  | (2987)       |
| Spanstion | MB9BF114NPQC       | [QFP100]   | (3332)       |
| Spanstion | MB9BF114RPMMP      | [LQFP120]  | (3672)       |
| Spanstion | MB9BF115NBGL       | [PFBGA112] | (3154)       |
| Spanstion | MB9BF115NPMMP      | [LQFP100]  | (2987)       |
| Spanstion | MB9BF115NPQC       | [QFP100]   | (3332)       |
| Spanstion | MB9BF115RPMMP      | [LQFP120]  | (3672)       |
| Spanstion | MB9BF116NBGL       | [PFBGA112] | (3154)       |
| Spanstion | MB9BF116NPMMP      | [LQFP100]  | (2987)       |
| Spanstion | MB9BF116NPQC       | [QFP100]   | (3332)       |
| Spanstion | MB9BF116RPMMP      | [LQFP120]  | (3672)       |
| Spanstion | MB9BF116SPMP       | [LQFP144]  | (3157)       |
| Spanstion | MB9BF116TBGL       | [PFBGA192] | (3155)       |
| Spanstion | MB9BF116TPMP       | [LQFP176]  | (3156)       |
| Spanstion | MB9BF117SPMP       | [LQFP144]  | (3157)       |
| Spanstion | MB9BF117TBGL       | [PFBGA192] | (3155)       |
| Spanstion | MB9BF117TPMP       | [LQFP176]  | (3156)       |
| Spanstion | MB9BF118SPMP       | [LQFP144]  | (3157)       |
| Spanstion | MB9BF118TBGL       | [PFBGA192] | (3155)       |
| Spanstion | MB9BF118TPMP       | [LQFP176]  | (3156)       |
| Spanstion | MB9BF121KPMMP      | [LQFP48]   | (2963)       |
| Spanstion | MB9BF121LPMMP      | [LQFP64]   | (2937)       |
| Spanstion | MB9BF121LPMMP1     | [LQFP64]   | (2683)       |
| Spanstion | MB9BF121MBGL       | [PFBGA96]  | (4817)       |
| Spanstion | MB9BF121MPMP       | [LQFP80]   | (4113)       |
| Spanstion | MB9BF122KPMMP      | [LQFP48]   | (2963)       |
| Spanstion | MB9BF122LPMMP      | [LQFP64]   | (2937)       |
| Spanstion | MB9BF122LPMMP1     | [LQFP64]   | (2683)       |
| Spanstion | MB9BF122MBGL       | [PFBGA96]  | (4817)       |
| Spanstion | MB9BF122MPMP       | [LQFP80]   | (4113)       |
| Spanstion | MB9BF124KPMMP      | [LQFP48]   | (2963)       |
| Spanstion | MB9BF124LPMMP      | [LQFP64]   | (2937)       |
| Spanstion | MB9BF124LPMMP1     | [LQFP64]   | (2683)       |
| Spanstion | MB9BF124MBGL       | [PFBGA96]  | (4817)       |
| Spanstion | MB9BF124MPMP       | [LQFP80]   | (4113)       |
| Spanstion | MB9BF164KPMMP      | [LQFP48]   | (3635)       |
| Spanstion | MB9BF164KQN        | [QFN48]    | (4055)       |
| Spanstion | MB9BF164LPMMP1     | [LQFP64]   | (3169)       |
| Spanstion | MB9BF165KPMMP      | [LQFP48]   | (3635)       |
| Spanstion | MB9BF165KQN        | [QFN48]    | (4055)       |
| Spanstion | MB9BF165LPMMP1     | [LQFP64]   | (3169)       |
| Spanstion | MB9BF166KPMMP      | [LQFP48]   | (3635)       |
| Spanstion | MB9BF166KQN        | [QFN48]    | (4055)       |
| Spanstion | MB9BF166LPMMP1     | [LQFP64]   | (3169)       |
| Spanstion | MB9BF166NPMMP      | [LQFP100]  | (4019)       |
| Spanstion | MB9BF166RPMMP      | [LQFP120]  | (3826)       |
| Spanstion | MB9BF167NPMMP      | [LQFP100]  | (4019)       |
| Spanstion | MB9BF167RPMMP      | [LQFP120]  | (3826)       |
| Spanstion | MB9BF168NPMMP      | [LQFP100]  | (4019)       |
| Spanstion | MB9BF168RPMMP      | [LQFP120]  | (3826)       |
| Spanstion | MB9BF216SPMP       | [LQFP144]  | (3157)       |
| Spanstion | MB9BF216TBGL       | [PFBGA192] | (3155)       |
| Spanstion | MB9BF216TPMP       | [LQFP176]  | (3156)       |
| Spanstion | MB9BF217SPMP       | [LQFP144]  | (3157)       |

|           |                    |            |              |
|-----------|--------------------|------------|--------------|
| Spanstion | MB9BF217TBGL       | [PFBGA192] | (3155)       |
| Spanstion | MB9BF217TPMC       | [LQFP176]  | (3156)       |
| Spanstion | MB9BF218SPMC       | [LQFP144]  | (3157)       |
| Spanstion | MB9BF218TBGL       | [PFBGA192] | (3155)       |
| Spanstion | MB9BF218TPMC       | [LQFP176]  | (3156)       |
| Spanstion | MB9BF304NBBGL      | [PFBGA112] | (3303)       |
| Spanstion | MB9BF304NBPMP      | [LQFP100]  | (2399)       |
| Spanstion | MB9BF304RBPMP      | [LQFP120]  | (2363)       |
| Spanstion | MB9BF305NBBGL      | [PFBGA112] | (3303)       |
| Spanstion | MB9BF305NBPMP      | [LQFP100]  | (2399)       |
| Spanstion | MB9BF305RBPMP      | [LQFP120]  | (2363)       |
| Spanstion | MB9BF306NBBGL      | [PFBGA112] | (3303)       |
| Spanstion | MB9BF306NBPMP      | [LQFP100]  | (2399)       |
| Spanstion | MB9BF306RBPMP      | [LQFP120]  | (2363)       |
| Spanstion | MB9BF312NBGL       | [PFBGA112] | (3154)       |
| Spanstion | MB9BF312NPMCP      | [LQFP100]  | (2987)       |
| Spanstion | MB9BF312NPQC       | [QFP100]   | (3332)       |
| Spanstion | MB9BF312RPMCP      | [LQFP120]  | (3672)       |
| Spanstion | MB9BF314NBGL       | [PFBGA112] | (3154)       |
| Spanstion | MB9BF314NPMCP      | [LQFP100]  | (2987)       |
| Spanstion | MB9BF314NPQC       | [QFP100]   | (3332)       |
| Spanstion | MB9BF314RPMCP      | [LQFP120]  | (3672)       |
| Spanstion | MB9BF315NBGL       | [PFBGA112] | (3154)       |
| Spanstion | MB9BF315NPMCP      | [LQFP100]  | (2987)       |
| Spanstion | MB9BF315NPQC       | [QFP100]   | (3332)       |
| Spanstion | MB9BF315RPMCP      | [LQFP120]  | (3672)       |
| Spanstion | MB9BF316NBGL       | [PFBGA112] | (3154)       |
| Spanstion | MB9BF316NPMCP      | [LQFP100]  | (2987)       |
| Spanstion | MB9BF316NPQC       | [QFP100]   | (3332)       |
| Spanstion | MB9BF316RPMCP      | [LQFP120]  | (3672)       |
| Spanstion | MB9BF316SPMP       | [LQFP144]  | (3157)       |
| Spanstion | MB9BF316TBGL       | [PFBGA192] | (3155)       |
| Spanstion | MB9BF316TPMP       | [LQFP176]  | (3156)       |
| Spanstion | MB9BF317SPMP       | [LQFP144]  | (3157)       |
| Spanstion | MB9BF317TBGL       | [PFBGA192] | (3155)       |
| Spanstion | MB9BF317TPMP       | [LQFP176]  | (3156)       |
| Spanstion | MB9BF318SPMP       | [LQFP144]  | (3157)       |
| Spanstion | MB9BF318TBGL       | [PFBGA192] | (3155)       |
| Spanstion | MB9BF318TPMP       | [LQFP176]  | (3156)       |
| Spanstion | MB9BF321KPMCP      | [LQFP48]   | (2963)       |
| Spanstion | MB9BF321LPMCP      | [LQFP64]   | (2937)       |
| Spanstion | MB9BF321LPMCP1     | [LQFP64]   | (2683)       |
| Spanstion | MB9BF321MBGL       | [PFBGA96]  | (4817)       |
| Spanstion | MB9BF321MPMP       | [LQFP80]   | (4113)       |
| Spanstion | MB9BF322KPMCP      | [LQFP48]   | (2963)       |
| Spanstion | MB9BF322LPMCP      | [LQFP64]   | (2937)       |
| Spanstion | MB9BF322LPMCP1     | [LQFP64]   | (2683)       |
| Spanstion | MB9BF322MBGL       | [PFBGA96]  | (4817)       |
| Spanstion | MB9BF322MPMP       | [LQFP80]   | (4113)       |
| Spanstion | MB9BF324KPMCP      | [LQFP48]   | (2963)       |
| Spanstion | MB9BF324LPMCP      | [LQFP64]   | (2937)       |
| Spanstion | MB9BF324LPMCP1     | [LQFP64]   | (2683)       |
| Spanstion | MB9BF324MBGL       | [PFBGA96]  | (4817)       |
| Spanstion | MB9BF324MPMP       | [LQFP80]   | (4113)       |
| Spanstion | MB9BF364KPMCP      | [LQFP48]   | (3635)       |
| Spanstion | MB9BF364KQN        | [QFN48]    | (4055)       |
| Spanstion | MB9BF364LPMCP1     | [LQFP64]   | (3169)       |
| Spanstion | MB9BF365KPMCP      | [LQFP48]   | (3635)       |
| Spanstion | MB9BF365KQN        | [QFN48]    | (4055)       |
| Spanstion | MB9BF365LPMCP1     | [LQFP64]   | (3169)       |
| Spanstion | MB9BF366KPMCP      | [LQFP48]   | (3635)       |
| Spanstion | MB9BF366KQN        | [QFN48]    | (4055)       |
| Spanstion | MB9BF366LPMCP1     | [LQFP64]   | (3169)       |
| Spanstion | MB9BF366NPMCP      | [LQFP100]  | (4019)       |
| Spanstion | MB9BF366RPMCP      | [LQFP120]  | (3826)       |
| Spanstion | MB9BF367NPMCP      | [LQFP100]  | (4019)       |
| Spanstion | MB9BF367RPMCP      | [LQFP120]  | (3826)       |
| Spanstion | MB9BF368NPMCP      | [LQFP100]  | (4019)       |
| Spanstion | MB9BF368RPMCP      | [LQFP120]  | (3826)       |
| Spanstion | MB9BF404NABGL      | [PFBGA112] | (3303)       |
| Spanstion | MB9BF404NAPMP      | [LQFP100]  | (2399)       |
| Spanstion | MB9BF404RAPMP      | [LQFP120]  | (2363)       |
| Spanstion | MB9BF405NABGL      | [PFBGA112] | (3303)       |
| Spanstion | MB9BF405NAPMP      | [LQFP100]  | (2399)       |
| Spanstion | MB9BF405RAPMP      | [LQFP120]  | (2363)       |
| Spanstion | MB9BF406NABGL      | [PFBGA112] | (3303)       |
| Spanstion | MB9BF406NAPMP      | [LQFP100]  | (2399)       |
| Spanstion | MB9BF406RAPMP      | [LQFP120]  | (2363)       |
| Spanstion | MB9BF412NBGL       | [PFBGA112] | (3154)       |
| Spanstion | MB9BF412NPMCP      | [LQFP100]  | (2987)       |
| Spanstion | MB9BF412NPQC       | [QFP100]   | (3332)       |
| Spanstion | MB9BF412RPMCP      | [LQFP120]  | (3672)       |
| Spanstion | MB9BF414NBGL       | [PFBGA112] | (3154)       |
| Spanstion | MB9BF414NPMCP      | [LQFP100]  | (2987)       |
| Spanstion | MB9BF414NPQC       | [QFP100]   | (3332)       |
| Spanstion | MB9BF414RPMCP      | [LQFP120]  | (3672)       |
| Spanstion | MB9BF415NBGL       | [PFBGA112] | (3154)       |
| Spanstion | MB9BF415NPMCP      | [LQFP100]  | (2987)       |
| Spanstion | MB9BF415NPQC       | [QFP100]   | (3332)       |
| Spanstion | MB9BF415RPMCP      | [LQFP120]  | (3672)       |
| Spanstion | MB9BF416 (ISP-SPI) |            | (138) (9997) |
| Spanstion | MB9BF416NBGL       | [PFBGA112] | (3154)       |
| Spanstion | MB9BF416NPMCP      | [LQFP100]  | (2987)       |
| Spanstion | MB9BF416NPQC       | [QFP100]   | (3332)       |
| Spanstion | MB9BF416RPMCP      | [LQFP120]  | (3672)       |
| Spanstion | MB9BF416SPMP       | [LQFP144]  | (3157)       |
| Spanstion | MB9BF416TBGL       | [PFBGA192] | (3155)       |
| Spanstion | MB9BF416TPMP       | [LQFP176]  | (3156)       |
| Spanstion | MB9BF417SPMP       | [LQFP144]  | (3157)       |
| Spanstion | MB9BF417TBGL       | [PFBGA192] | (3155)       |
| Spanstion | MB9BF417TPMP       | [LQFP176]  | (3156)       |
| Spanstion | MB9BF418SPMP       | [LQFP144]  | (3157)       |
| Spanstion | MB9BF418TBGL       | [PFBGA192] | (3155)       |
| Spanstion | MB9BF418TPMP       | [LQFP176]  | (3156)       |
| Spanstion | MB9BF464KPMCP      | [LQFP48]   | (3635)       |
| Spanstion | MB9BF464KQN        | [QFN48]    | (4055)       |
| Spanstion | MB9BF464LPMCP1     | [LQFP64]   | (3169)       |
| Spanstion | MB9BF465KPMCP      | [LQFP48]   | (3635)       |
| Spanstion | MB9BF465KQN        | [QFN48]    | (4055)       |
| Spanstion | MB9BF465LPMCP1     | [LQFP64]   | (3169)       |
| Spanstion | MB9BF466KPMCP      | [LQFP48]   | (3635)       |
| Spanstion | MB9BF466KQN        | [QFN48]    | (4055)       |
| Spanstion | MB9BF466LPMCP1     | [LQFP64]   | (3169)       |
| Spanstion | MB9BF466NPMCP      | [LQFP100]  | (4019)       |
| Spanstion | MB9BF466RPMCP      | [LQFP120]  | (3826)       |
| Spanstion | MB9BF467NPMCP      | [LQFP100]  | (4019)       |
| Spanstion | MB9BF467RPMCP      | [LQFP120]  | (3826)       |
| Spanstion | MB9BF468NPMCP      | [LQFP100]  | (4019)       |
| Spanstion | MB9BF468RPMCP      | [LQFP120]  | (3826)       |
| Spanstion | MB9BF504NBBGL      | [PFBGA112] | (3303)       |
| Spanstion | MB9BF504NBPMP      | [LQFP100]  | (2399)       |
| Spanstion | MB9BF504RBPMP      | [LQFP120]  | (2363)       |
| Spanstion | MB9BF505NBBGL      | [PFBGA112] | (3303)       |
| Spanstion | MB9BF505NBPMP      | [LQFP100]  | (2399)       |
| Spanstion | MB9BF505RBPMP      | [LQFP120]  | (2363)       |
| Spanstion | MB9BF506NBBGL      | [PFBGA112] | (3303)       |
| Spanstion | MB9BF506NBPMP      | [LQFP100]  | (2399)       |
| Spanstion | MB9BF506RBPMP      | [LQFP120]  | (2363)       |

|           |                   |            |        |
|-----------|-------------------|------------|--------|
| Spanstion | MB9BF512NBGL      | [PFBGA112] | (3154) |
| Spanstion | MB9BF512NPMC      | [LQFP100]  | (2987) |
| Spanstion | MB9BF512NPQC      | [QFP100]   | (3332) |
| Spanstion | MB9BF512RPMC      | [LQFP120]  | (3672) |
| Spanstion | MB9BF514NBGL      | [PFBGA112] | (3154) |
| Spanstion | MB9BF514NPMC      | [LQFP100]  | (2987) |
| Spanstion | MB9BF514NPQC      | [QFP100]   | (3332) |
| Spanstion | MB9BF514RPMC      | [LQFP120]  | (3672) |
| Spanstion | MB9BF515NBGL      | [PFBGA112] | (3154) |
| Spanstion | MB9BF515NPMC      | [LQFP100]  | (2987) |
| Spanstion | MB9BF515NPQC      | [QFP100]   | (3332) |
| Spanstion | MB9BF515RPMC      | [LQFP120]  | (3672) |
| Spanstion | MB9BF516NBGL      | [PFBGA112] | (3154) |
| Spanstion | MB9BF516NPMC      | [LQFP100]  | (2987) |
| Spanstion | MB9BF516NPQC      | [QFP100]   | (3332) |
| Spanstion | MB9BF516RPMC      | [LQFP120]  | (3672) |
| Spanstion | MB9BF516SPMC      | [LQFP144]  | (3157) |
| Spanstion | MB9BF516TBGL      | [PFBGA192] | (3155) |
| Spanstion | MB9BF516TPMC      | [LQFP176]  | (3156) |
| Spanstion | MB9BF517SPMC      | [LQFP144]  | (3157) |
| Spanstion | MB9BF517TBGL      | [PFBGA192] | (3155) |
| Spanstion | MB9BF517TPMC      | [LQFP176]  | (3156) |
| Spanstion | MB9BF518SPMC      | [LQFP144]  | (3157) |
| Spanstion | MB9BF518TBGL      | [PFBGA192] | (3155) |
| Spanstion | MB9BF518TPMC      | [LQFP176]  | (3156) |
| Spanstion | MB9BF521KPMC      | [LQFP48]   | (2963) |
| Spanstion | MB9BF521LPMC      | [LQFP64]   | (2937) |
| Spanstion | MB9BF521LPMC1     | [LQFP64]   | (2683) |
| Spanstion | MB9BF521MBGL      | [PFBGA96]  | (4817) |
| Spanstion | MB9BF521MPMC      | [LQFP80]   | (4113) |
| Spanstion | MB9BF522KPMC      | [LQFP48]   | (2963) |
| Spanstion | MB9BF522LPMC      | [LQFP64]   | (2937) |
| Spanstion | MB9BF522LPMC1     | [LQFP64]   | (2683) |
| Spanstion | MB9BF522MBGL      | [PFBGA96]  | (4817) |
| Spanstion | MB9BF522MPMC      | [LQFP80]   | (4113) |
| Spanstion | MB9BF524KPMC      | [LQFP48]   | (2963) |
| Spanstion | MB9BF524LPMC      | [LQFP64]   | (2937) |
| Spanstion | MB9BF524LPMC1     | [LQFP64]   | (2683) |
| Spanstion | MB9BF524MBGL      | [PFBGA96]  | (4817) |
| Spanstion | MB9BF524MPMC      | [LQFP80]   | (4113) |
| Spanstion | MB9BF564KPMC      | [LQFP48]   | (3635) |
| Spanstion | MB9BF564KQN       | [QFN48]    | (4055) |
| Spanstion | MB9BF564LPMC1     | [LQFP64]   | (3169) |
| Spanstion | MB9BF565KPMC      | [LQFP48]   | (3635) |
| Spanstion | MB9BF565KQN       | [QFN48]    | (4055) |
| Spanstion | MB9BF565LPMC1     | [LQFP64]   | (3169) |
| Spanstion | MB9BF566KPMC      | [LQFP48]   | (3635) |
| Spanstion | MB9BF566KQN       | [QFN48]    | (4055) |
| Spanstion | MB9BF566LPMC1     | [LQFP64]   | (3169) |
| Spanstion | MB9BF566NPMC      | [LQFP100]  | (4019) |
| Spanstion | MB9BF566RPMC      | [LQFP120]  | (3826) |
| Spanstion | MB9BF567NPMC      | [LQFP100]  | (4019) |
| Spanstion | MB9BF567RPMC      | [LQFP120]  | (3826) |
| Spanstion | MB9BF568NPMC      | [LQFP100]  | (4019) |
| Spanstion | MB9BF568RPMC      | [LQFP120]  | (3826) |
| Spanstion | MB9BF616SPMC      | [LQFP144]  | (3157) |
| Spanstion | MB9BF616TBGL      | [PFBGA192] | (3155) |
| Spanstion | MB9BF616TPMC      | [LQFP176]  | (3156) |
| Spanstion | MB9BF617SPMC      | [LQFP144]  | (3157) |
| Spanstion | MB9BF617TBGL      | [PFBGA192] | (3155) |
| Spanstion | MB9BF617TPMC      | [LQFP176]  | (3156) |
| Spanstion | MB9BF618SPMC      | [LQFP144]  | (3157) |
| Spanstion | MB9BF618TBGL      | [PFBGA192] | (3155) |
| Spanstion | MB9BF618TPMC      | [LQFP176]  | (3156) |
| Spanstion | MBM29BS12DHxxPBT  | [FBGA80]   | (841)  |
| Spanstion | MBM29BS32LFxxPBT  | [FBGA60]   | (840)  |
| Spanstion | MBM29BT32LFxxPBT  | [FBGA60]   | (840)  |
| Spanstion | MBM29DD640E       | [FBGA63]   | (1279) |
| Spanstion | MBM29DD640E       | [R-TSOP48] | (1352) |
| Spanstion | MBM29DD640E       | [TSOP48]   | (1346) |
| Spanstion | MBM29DL161BE      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL161BE      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL161BExxPBT | [FBGA48]   | (760)  |
| Spanstion | MBM29DL161TE      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL161TE      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL161TExxPBT | [FBGA48]   | (760)  |
| Spanstion | MBM29DL162BD      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL162BD      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL162BDxxPBT | [FBGA48]   | (533)  |
| Spanstion | MBM29DL162BE      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL162BE      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL162BExxPBT | [FBGA48]   | (760)  |
| Spanstion | MBM29DL162TD      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL162TD      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL162TDxxPBT | [FBGA48]   | (533)  |
| Spanstion | MBM29DL162TE      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL162TE      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL162TExxPBT | [FBGA48]   | (760)  |
| Spanstion | MBM29DL163BD      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL163BD      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL163BDxxPBT | [FBGA48]   | (533)  |
| Spanstion | MBM29DL163BE      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL163BE      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL163BExxPBT | [FBGA48]   | (760)  |
| Spanstion | MBM29DL163TD      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL163TD      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL163TDxxPBT | [FBGA48]   | (533)  |
| Spanstion | MBM29DL163TE      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL163TE      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL163TExxPBT | [FBGA48]   | (760)  |
| Spanstion | MBM29DL164BD      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL164BD      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL164BDxxPBT | [FBGA48]   | (533)  |
| Spanstion | MBM29DL164TD      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL164TD      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL164TDxxPBT | [FBGA48]   | (533)  |
| Spanstion | MBM29DL321BD      | [FBGA57]   | (999)  |
| Spanstion | MBM29DL321BD      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL321BD      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL321BE      | [FBGA63]   | (1316) |
| Spanstion | MBM29DL321BE      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL321BE      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL321TD      | [FBGA57]   | (999)  |
| Spanstion | MBM29DL321TD      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL321TD      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL321TE      | [FBGA63]   | (1316) |
| Spanstion | MBM29DL321TE      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL321TE      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL322BD      | [FBGA57]   | (999)  |
| Spanstion | MBM29DL322BD      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL322BD      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL322BE      | [FBGA63]   | (1316) |
| Spanstion | MBM29DL322BE      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL322BE      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL322TD      | [FBGA57]   | (999)  |
| Spanstion | MBM29DL322TD      | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL322TD      | [TSOP48]   | (1346) |
| Spanstion | MBM29DL322TE      | [FBGA63]   | (1316) |



|           |                        |            |        |
|-----------|------------------------|------------|--------|
| Spanstion | MBM29DL322TE           | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL322TE           | [TSOP48]   | (1346) |
| Spanstion | MBM29DL323BD           | [FBGA57]   | (999)  |
| Spanstion | MBM29DL323BD           | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL323BD           | [TSOP48]   | (1346) |
| Spanstion | MBM29DL323BE           | [FBGA63]   | (1316) |
| Spanstion | MBM29DL323BE           | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL323BE           | [TSOP48]   | (1346) |
| Spanstion | MBM29DL323TD           | [FBGA57]   | (999)  |
| Spanstion | MBM29DL323TD           | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL323TD           | [TSOP48]   | (1346) |
| Spanstion | MBM29DL323TE           | [FBGA63]   | (1316) |
| Spanstion | MBM29DL323TE           | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL323TE           | [TSOP48]   | (1346) |
| Spanstion | MBM29DL324BD           | [FBGA57]   | (999)  |
| Spanstion | MBM29DL324BD           | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL324BD           | [TSOP48]   | (1346) |
| Spanstion | MBM29DL324BE           | [FBGA63]   | (1316) |
| Spanstion | MBM29DL324BE           | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL324BE           | [TSOP48]   | (1346) |
| Spanstion | MBM29DL324TD           | [FBGA57]   | (999)  |
| Spanstion | MBM29DL324TD           | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL324TD           | [TSOP48]   | (1346) |
| Spanstion | MBM29DL324TE           | [FBGA63]   | (1316) |
| Spanstion | MBM29DL324TE           | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL324TE           | [TSOP48]   | (1346) |
| Spanstion | MBM29DL32BF            | [TSOP48]   | (1346) |
| Spanstion | MBM29DL32BFxxPBT       | [FBGA48]   | (537)  |
| Spanstion | MBM29DL32TF            | [TSOP48]   | (1346) |
| Spanstion | MBM29DL32TFxxPBT       | [FBGA48]   | (537)  |
| Spanstion | MBM29DL34BF            | [TSOP48]   | (1346) |
| Spanstion | MBM29DL34BFxxPBT       | [FBGA48]   | (537)  |
| Spanstion | MBM29DL34TF            | [TSOP48]   | (1346) |
| Spanstion | MBM29DL34TFxxPBT       | [FBGA48]   | (537)  |
| Spanstion | MBM29DL400BC           | [FBGA48]   | (760)  |
| Spanstion | MBM29DL400BC           | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL400BC           | [TSOP48]   | (1346) |
| Spanstion | MBM29DL400TC           | [FBGA48]   | (760)  |
| Spanstion | MBM29DL400TC           | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL400TC           | [TSOP48]   | (1346) |
| Spanstion | MBM29DL640E            | [FBGA63]   | (1279) |
| Spanstion | MBM29DL640E            | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL640E            | [TSOP48]   | (1346) |
| Spanstion | MBM29DL64DF            | [TSOP48]   | (1346) |
| Spanstion | MBM29DL64DFxxPBT       | [FBGA48]   | (533)  |
| Spanstion | MBM29DL800BA           | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL800BA           | [TSOP48]   | (1346) |
| Spanstion | MBM29DL800BAxxPBT      | [FBGA48]   | (537)  |
| Spanstion | MBM29DL800BAxxPBT-SF2  | [FBGA48]   | (537)  |
| Spanstion | MBM29DL800TA           | [R-TSOP48] | (1352) |
| Spanstion | MBM29DL800TA           | [TSOP48]   | (1346) |
| Spanstion | MBM29DL800TAXxxPBT     | [FBGA48]   | (537)  |
| Spanstion | MBM29DL800TAXxxPBT-SF2 | [FBGA48]   | (537)  |
| Spanstion | MBM29F002B             | [PLCC32]   | (1399) |
| Spanstion | MBM29F002B             | [R-TSOP32] | (1415) |
| Spanstion | MBM29F002B             | [TSOP32]   | (1414) |
| Spanstion | MBM29F002BC            | [PLCC32]   | (1399) |
| Spanstion | MBM29F002BC            | [R-TSOP32] | (1415) |
| Spanstion | MBM29F002BC            | [TSOP32]   | (1414) |
| Spanstion | MBM29F002T             | [PLCC32]   | (1399) |
| Spanstion | MBM29F002T             | [R-TSOP32] | (1415) |
| Spanstion | MBM29F002T             | [TSOP32]   | (1414) |
| Spanstion | MBM29F002TC            | [PLCC32]   | (1399) |
| Spanstion | MBM29F002TC            | [R-TSOP32] | (1415) |
| Spanstion | MBM29F002TC            | [TSOP32]   | (1414) |
| Spanstion | MBM29F016A             | [R-TSOP48] | (1354) |
| Spanstion | MBM29F016A             | [TSOP48]   | (1350) |
| Spanstion | MBM29F017A             | [R-TSOP48] | (1354) |
| Spanstion | MBM29F017A             | [TSOP48]   | (1350) |
| Spanstion | MBM29F033C             | [R-TSOP40] | (1374) |
| Spanstion | MBM29F033C             | [TSOP40]   | (1369) |
| Spanstion | MBM29F040A             | [PLCC32]   | (1384) |
| Spanstion | MBM29F040A             | [R-TSOP32] | (1383) |
| Spanstion | MBM29F040A             | [TSOP32]   | (1381) |
| Spanstion | MBM29F040C             | [PLCC32]   | (1384) |
| Spanstion | MBM29F040C             | [R-TSOP32] | (1383) |
| Spanstion | MBM29F040C             | [TSOP32]   | (1381) |
| Spanstion | MBM29F080A             | [PSOP44]   | (1357) |
| Spanstion | MBM29F080A             | [TSOP40]   | (1369) |
| Spanstion | MBM29F080A             | [TSOP48]   | (1350) |
| Spanstion | MBM29F160BE            | [R-TSOP48] | (1352) |
| Spanstion | MBM29F160BE            | [TSOP48]   | (1346) |
| Spanstion | MBM29F160TE            | [R-TSOP48] | (1352) |
| Spanstion | MBM29F160TE            | [TSOP48]   | (1346) |
| Spanstion | MBM29F200BA            | [PSOP44]   | (1356) |
| Spanstion | MBM29F200BA            | [R-TSOP48] | (1352) |
| Spanstion | MBM29F200BA            | [TSOP48]   | (1346) |
| Spanstion | MBM29F200BC            | [PSOP44]   | (1356) |
| Spanstion | MBM29F200BC            | [R-TSOP48] | (1352) |
| Spanstion | MBM29F200BC            | [TSOP48]   | (1346) |
| Spanstion | MBM29F200TA            | [PSOP44]   | (1356) |
| Spanstion | MBM29F200TA            | [R-TSOP48] | (1352) |
| Spanstion | MBM29F200TA            | [TSOP48]   | (1346) |
| Spanstion | MBM29F200TC            | [PSOP44]   | (1356) |
| Spanstion | MBM29F200TC            | [R-TSOP48] | (1352) |
| Spanstion | MBM29F200TC            | [TSOP48]   | (1346) |
| Spanstion | MBM29F400BA            | [PSOP44]   | (1356) |
| Spanstion | MBM29F400BA            | [R-TSOP48] | (1352) |
| Spanstion | MBM29F400BA            | [TSOP48]   | (1346) |
| Spanstion | MBM29F400BC            | [PSOP44]   | (1356) |
| Spanstion | MBM29F400BC            | [R-TSOP48] | (1352) |
| Spanstion | MBM29F400BC            | [TSOP48]   | (1346) |
| Spanstion | MBM29F400TA            | [PSOP44]   | (1356) |
| Spanstion | MBM29F400TA            | [R-TSOP48] | (1352) |
| Spanstion | MBM29F400TA            | [TSOP48]   | (1346) |
| Spanstion | MBM29F400TC            | [PSOP44]   | (1356) |
| Spanstion | MBM29F400TC            | [R-TSOP48] | (1352) |
| Spanstion | MBM29F400TC            | [TSOP48]   | (1346) |
| Spanstion | MBM29F800BA            | [PSOP44]   | (1356) |
| Spanstion | MBM29F800BA            | [R-TSOP48] | (1352) |
| Spanstion | MBM29F800BA            | [TSOP48]   | (1346) |
| Spanstion | MBM29F800TA            | [PSOP44]   | (1356) |
| Spanstion | MBM29F800TA            | [R-TSOP48] | (1352) |
| Spanstion | MBM29F800TA            | [TSOP48]   | (1346) |
| Spanstion | MBM29FS12DHxxPBT       | [FBGA80]   | (841)  |
| Spanstion | MBM29LV001BC           | [PLCC32]   | (1399) |
| Spanstion | MBM29LV001BC           | [R-TSOP32] | (1415) |
| Spanstion | MBM29LV001BC           | [TSOP32]   | (1414) |
| Spanstion | MBM29LV001TC           | [PLCC32]   | (1399) |
| Spanstion | MBM29LV001TC           | [R-TSOP32] | (1415) |
| Spanstion | MBM29LV001TC           | [TSOP32]   | (1414) |
| Spanstion | MBM29LV002B            | [R-TSOP40] | (1373) |
| Spanstion | MBM29LV002B            | [TSOP40]   | (1368) |
| Spanstion | MBM29LV002BC           | [R-TSOP40] | (1373) |
| Spanstion | MBM29LV002BC           | [TSOP40]   | (1368) |
| Spanstion | MBM29LV002T            | [R-TSOP40] | (1373) |
| Spanstion | MBM29LV002T            | [TSOP40]   | (1368) |
| Spanstion | MBM29LV002TC           | [R-TSOP40] | (1373) |

|           |                   |                     |             |
|-----------|-------------------|---------------------|-------------|
| Spanstion | MBM29LV002TC      | [TSOP40]            | (1368)      |
| Spanstion | MBM29LV004B       | [TSOP40]            | (1368)      |
| Spanstion | MBM29LV004T       | [TSOP40]            | (1368)      |
| Spanstion | MBM29LV008BA      | [R-TSOP40]          | (1373)      |
| Spanstion | MBM29LV008BA      | [TSOP40]            | (1368)      |
| Spanstion | MBM29LV008TA      | [R-TSOP40]          | (1373)      |
| Spanstion | MBM29LV008TA      | [TSOP40]            | (1368)      |
| Spanstion | MBM29LV080        | [TSOP40]            | (1368)      |
| Spanstion | MBM29LV080A       | [TSOP40]            | (1368)      |
| Spanstion | MBM29LV160B       | [FBGA48]            | (533)       |
| Spanstion | MBM29LV160B       | [R-TSOP48]          | (1352)      |
| Spanstion | MBM29LV160B       | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV160BE      | [FBGA48]            | (760)       |
| Spanstion | MBM29LV160BE      | [R-TSOP48]          | (1352)      |
| Spanstion | MBM29LV160BE      | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV160BM      | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV160BMxxPBT | [FBGA48]            | (760)       |
| Spanstion | MBM29LV160T       | [FBGA48]            | (533)       |
| Spanstion | MBM29LV160T       | [R-TSOP48]          | (1352)      |
| Spanstion | MBM29LV160T       | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV160TE      | [FBGA48]            | (760)       |
| Spanstion | MBM29LV160TE      | [R-TSOP48]          | (1352)      |
| Spanstion | MBM29LV160TE      | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV160TM      | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV160TMxxPBT | [FBGA48]            | (760)       |
| Spanstion | MBM29LV200BC      | [PSOP44]            | (1356)      |
| Spanstion | MBM29LV200BC      | [R-TSOP48]          | (1352)      |
| Spanstion | MBM29LV200BC      | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV200TC      | [PSOP44]            | (1356)      |
| Spanstion | MBM29LV200TC      | [R-TSOP48]          | (1352)      |
| Spanstion | MBM29LV200TC      | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV400B       | [PSOP44]            | (1356)      |
| Spanstion | MBM29LV400B       | [R-TSOP48]          | (1352)      |
| Spanstion | MBM29LV400B       | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV400BC      | [FBGA48]            | (760)       |
| Spanstion | MBM29LV400BC      | [PSOP44]            | (1356)      |
| Spanstion | MBM29LV400BC      | [R-TSOP48]          | (1352)      |
| Spanstion | MBM29LV400BC      | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV400T       | [PSOP44]            | (1356)      |
| Spanstion | MBM29LV400T       | [R-TSOP48]          | (1352)      |
| Spanstion | MBM29LV400T       | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV400TC      | [FBGA48]            | (760)       |
| Spanstion | MBM29LV400TC      | [PSOP44]            | (1356)      |
| Spanstion | MBM29LV400TC      | [R-TSOP48]          | (1352)      |
| Spanstion | MBM29LV400TC      | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV652UE      | [FBGA63]            | (1279)      |
| Spanstion | MBM29LV800BA      | [FBGA48]            | (537)       |
| Spanstion | MBM29LV800BA      | [PSOP44]            | (1356)      |
| Spanstion | MBM29LV800BA      | [R-TSOP48]          | (1352)      |
| Spanstion | MBM29LV800BA      | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV800BE      | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV800BExxPBT | [FBGA48]            | (760)       |
| Spanstion | MBM29LV800TA      | [FBGA48]            | (537)       |
| Spanstion | MBM29LV800TA      | [PSOP44]            | (1356)      |
| Spanstion | MBM29LV800TA      | [R-TSOP48]          | (1352)      |
| Spanstion | MBM29LV800TA      | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV800TE      | [TSOP48]            | (1346)      |
| Spanstion | MBM29LV800TExxPBT | [FBGA48]            | (760)       |
| Spanstion | MBM29PL12LM       | [FBGA80]            | (1296)      |
| Spanstion | MBM29PL12LM       | [TSOP56]            | (3080)      |
| Spanstion | MBM29PL160BD      | [PSOP44]            | (1356)      |
| Spanstion | MBM29PL160BD      | [R-TSOP48]          | (1355)      |
| Spanstion | MBM29PL160BD      | [TSOP48]            | (1348)      |
| Spanstion | MBM29PL160TD      | [PSOP44]            | (1356)      |
| Spanstion | MBM29PL160TD      | [R-TSOP48]          | (1355)      |
| Spanstion | MBM29PL160TD      | [TSOP48]            | (1348)      |
| Spanstion | MBM29PL3200BE     | [SSOP90]            | (472)       |
| Spanstion | MBM29PL3200TE     | [SSOP90]            | (472)       |
| Spanstion | MBM29PL32BM       | [TSOP48]            | (1346)      |
| Spanstion | MBM29PL32BMxxPBT  | [FBGA48]            | (760)       |
| Spanstion | MBM29PL32TM       | [TSOP48]            | (1346)      |
| Spanstion | MBM29PL32TMxxPBT  | [FBGA48]            | (760)       |
| Spanstion | MBM29PL64LM       | [FBGA80]            | (1317)      |
| Spanstion | MBM29PL64LM       | [TSOP48]            | (1346)      |
| Spanstion | MBM29PL64LM       | [TSOP56]            | (3080)      |
| Spanstion | MBM29PL65LM       | [TSOP48]            | (1346)      |
| Spanstion | MBM29QM12DH60PCN  | [FBGA80]            | (842)       |
| Spanstion | MBM29QM12DH60PCN  | [TSOP56]            | (1406)      |
| Spanstion | MBM29SL800BD      | [FBGA48]            | (537)       |
| Spanstion | MBM29SL800BD      | [TSOP48]            | (1346)      |
| Spanstion | MBM29SL800BExxPBT | [FBGA48]            | (849)       |
| Spanstion | MBM29SL800BExxPW  | [SCSP45]            | (889)       |
| Spanstion | MBM29SL800TD      | [FBGA48]            | (537)       |
| Spanstion | MBM29SL800TD      | [TSOP48]            | (1346)      |
| Spanstion | MBM29SL800TExxPBT | [FBGA48]            | (849)       |
| Spanstion | MBM29SL800TExxPW  | [SCSP45]            | (889)       |
| Spanstion | S19MN01GP30Txx00  | [TSOP48]            | (1266) (*1) |
| Spanstion | S19MN01GP30Txx01  | [TSOP48]            | (1266) (*1) |
| Spanstion | S19MN02GP30Txx00  | [TSOP48]            | (1266) (*1) |
| Spanstion | S19MN02GP30Txx01  | [TSOP48]            | (1266) (*1) |
| Spanstion | S19MN256P30Txx00  | [TSOP48]            | (1266) (*1) |
| Spanstion | S19MN256P30Txx01  | [TSOP48]            | (1266) (*1) |
| Spanstion | S19MN512P30Txx00  | [TSOP48]            | (1266) (*1) |
| Spanstion | S19MN512P30Txx01  | [TSOP48]            | (1266) (*1) |
| Spanstion | S25FL001D         | (ISP)               | (138)       |
| Spanstion | S25FL001D         | [So8-150]           | (3095) (*1) |
| Spanstion | S25FL001D         | [WSON8]             | (3097) (*1) |
| Spanstion | S25FL002D         | (ISP)               | (138)       |
| Spanstion | S25FL002D         | [So8-150]           | (3095) (*1) |
| Spanstion | S25FL002D         | [So8-200]           | (3088) (*1) |
| Spanstion | S25FL002D         | [WSON8]             | (3097) (*1) |
| Spanstion | S25FL004A         | (ISP)               | (138)       |
| Spanstion | S25FL004A         | [SOIC8]             | (3088) (*1) |
| Spanstion | S25FL004A         | [USON8]             | (3097) (*1) |
| Spanstion | S25FL004D         | (ISP)               | (138)       |
| Spanstion | S25FL004D         | [So8-200]           | (3088) (*1) |
| Spanstion | S25FL004D         | [WSON8]             | (3097) (*1) |
| Spanstion | S25FL004K         | (ISP)               | (138)       |
| Spanstion | S25FL004K         | [So8-150]           | (3095) (*1) |
| Spanstion | S25FL004K         | [So8-150] (QuadSPI) | (3095) (*1) |
| Spanstion | S25FL004K         | [So8-200]           | (3088) (*1) |
| Spanstion | S25FL004K         | [So8-200] (QuadSPI) | (3088) (*1) |
| Spanstion | S25FL008A         | (ISP)               | (138)       |
| Spanstion | S25FL008A         | [SOIC8]             | (3088) (*1) |
| Spanstion | S25FL008A         | [USON8]             | (3097) (*1) |
| Spanstion | S25FL008K         | (ISP)               | (138)       |
| Spanstion | S25FL008K         | [So8-150]           | (3095) (*1) |
| Spanstion | S25FL008K         | [So8-150] (QuadSPI) | (3095) (*1) |
| Spanstion | S25FL008K         | [So8-200]           | (3088) (*1) |
| Spanstion | S25FL008K         | [So8-200] (QuadSPI) | (3088) (*1) |
| Spanstion | S25FL016A         | (ISP)               | (138)       |
| Spanstion | S25FL016A         | [SOIC16]            | (3101) (*1) |
| Spanstion | S25FL016A         | [SOIC8]             | (3088) (*1) |
| Spanstion | S25FL016A         | [WSON8]             | (3053) (*1) |
| Spanstion | S25FL016K         | (ISP)               | (138)       |
| Spanstion | S25FL016K         | [So8-150]           | (3095) (*1) |
| Spanstion | S25FL016K         | [So8-150] (QuadSPI) | (3095) (*1) |
| Spanstion | S25FL016K         | [So8-200]           | (3088) (*1) |

|           |                  |                        |              |
|-----------|------------------|------------------------|--------------|
| Spanstion | S25FL016K        | [S08-200] (QuadSPI)    | (3088) (*1)  |
| Spanstion | S25FL032A        | (ISP)                  | (138)        |
| Spanstion | S25FL032A        | [SOIC16]               | (3101) (*1)  |
| Spanstion | S25FL032K        | (ISP)                  | (138)        |
| Spanstion | S25FL032K        | [S08]                  | (3088) (*1)  |
| Spanstion | S25FL032K        | [S08] (QuadSPI)        | (3088) (*1)  |
| Spanstion | S25FL032P        | (ISP)                  | (138)        |
| Spanstion | S25FL032P        | [S016]                 | (3101) (*1)  |
| Spanstion | S25FL032P        | [S016] (QuadSPI)       | (3101) (*1)  |
| Spanstion | S25FL032P        | [S08]                  | (3088) (*1)  |
| Spanstion | S25FL032P        | [S08] (QuadSPI)        | (3088) (*1)  |
| Spanstion | S25FL032P        | [USON8]                | (3097) (*1)  |
| Spanstion | S25FL032P        | [USON8] (QuadSPI)      | (3097) (*1)  |
| Spanstion | S25FL032P        | [WSON8]                | (3053) (*1)  |
| Spanstion | S25FL032P        | [WSON8] (QuadSPI)      | (3053) (*1)  |
| Spanstion | S25FL032PxxBxx02 | [BGA24]                | (1343) (*1)  |
| Spanstion | S25FL032PxxBxx02 | [BGA24] (QuadSPI)      | (1343) (*1)  |
| Spanstion | S25FL032PxxBxx03 | [BGA24]                | (1268) (*1)  |
| Spanstion | S25FL032PxxBxx03 | [BGA24] (QuadSPI)      | (1268) (*1)  |
| Spanstion | S25FL032PxxBxxS2 | [BGA24]                | (1343) (*1)  |
| Spanstion | S25FL032PxxBxxS2 | [BGA24] (QuadSPI)      | (1343) (*1)  |
| Spanstion | S25FL032PxxBxxS3 | [BGA24]                | (1268) (*1)  |
| Spanstion | S25FL032PxxBxxS3 | [BGA24] (QuadSPI)      | (1268) (*1)  |
| Spanstion | S25FL040AxxMxx00 | [SOIC8]                | (3088) (*1)  |
| Spanstion | S25FL040AxxMxx01 | [SOIC8]                | (3088) (*1)  |
| Spanstion | S25FL040AxxMxx02 | [SOIC8]                | (3088) (*1)  |
| Spanstion | S25FL040AxxNxx00 | [USON8]                | (3097) (*1)  |
| Spanstion | S25FL040AxxNxx01 | [USON8]                | (3097) (*1)  |
| Spanstion | S25FL040AxxNxx02 | [USON8]                | (3097) (*1)  |
| Spanstion | S25FL040AxxVxx00 | [SOIC8]                | (3095) (*1)  |
| Spanstion | S25FL040AxxVxx01 | [SOIC8]                | (3095) (*1)  |
| Spanstion | S25FL040AxxVxx02 | [SOIC8]                | (3095) (*1)  |
| Spanstion | S25FL040Axxxxx00 | (ISP)                  | (138)        |
| Spanstion | S25FL040Axxxxx01 | (ISP)                  | (138)        |
| Spanstion | S25FL040Axxxxx02 | (ISP)                  | (138)        |
| Spanstion | S25FL064A        | (ISP)                  | (138)        |
| Spanstion | S25FL064A        | [SOIC16]               | (3101) (*1)  |
| Spanstion | S25FL064K        | (ISP)                  | (138)        |
| Spanstion | S25FL064K        | [S016]                 | (3101) (*1)  |
| Spanstion | S25FL064K        | [S016] (QuadSPI)       | (3101) (*1)  |
| Spanstion | S25FL064K        | [S08]                  | (3088) (*1)  |
| Spanstion | S25FL064K        | [S08] (QuadSPI)        | (3088) (*1)  |
| Spanstion | S25FL064L        | (ISP)                  | (138) (9997) |
| Spanstion | S25FL064LxxBxx02 | [BGA24]                | (3122)       |
| Spanstion | S25FL064LxxBxx02 | [BGA24] (Quad I/O)     | (3122)       |
| Spanstion | S25FL064LxxBxx03 | [BGA24]                | (3128)       |
| Spanstion | S25FL064LxxBxx03 | [BGA24] (Quad I/O)     | (3128)       |
| Spanstion | S25FL064LxxMxx00 | [SOIC16]               | (3100) (*1)  |
| Spanstion | S25FL064LxxMxx00 | [SOIC16] (Quad I/O)    | (3100) (*1)  |
| Spanstion | S25FL064LxxMxx01 | [SOIC8]                | (3087) (*1)  |
| Spanstion | S25FL064LxxMxx01 | [SOIC8] (Quad I/O)     | (3087) (*1)  |
| Spanstion | S25FL064LxxNxx01 | [WSON8]                | (4117) (*1)  |
| Spanstion | S25FL064LxxNxx01 | [WSON8] (Quad I/O)     | (4117) (*1)  |
| Spanstion | S25FL064LxxNxx04 | [USON8]                | (3098) (*1)  |
| Spanstion | S25FL064LxxNxx04 | [USON8] (Quad I/O)     | (3098) (*1)  |
| Spanstion | S25FL064P        | (ISP)                  | (138)        |
| Spanstion | S25FL064P        | [S016]                 | (3101) (*1)  |
| Spanstion | S25FL064P        | [S016] (QuadSPI)       | (3101) (*1)  |
| Spanstion | S25FL064P        | [WSON8]                | (3053) (*1)  |
| Spanstion | S25FL064P        | [WSON8] (QuadSPI)      | (3053) (*1)  |
| Spanstion | S25FL064PxxBxx02 | [BGA24]                | (1343) (*1)  |
| Spanstion | S25FL064PxxBxx02 | [BGA24] (QuadSPI)      | (1343) (*1)  |
| Spanstion | S25FL064PxxBxx03 | [BGA24]                | (1268) (*1)  |
| Spanstion | S25FL064PxxBxx03 | [BGA24] (QuadSPI)      | (1268) (*1)  |
| Spanstion | S25FL064PxxBxxS2 | [BGA24]                | (1343) (*1)  |
| Spanstion | S25FL064PxxBxxS2 | [BGA24] (QuadSPI)      | (1343) (*1)  |
| Spanstion | S25FL064PxxBxxS3 | [BGA24]                | (1268) (*1)  |
| Spanstion | S25FL064PxxBxxS3 | [BGA24] (QuadSPI)      | (1268) (*1)  |
| Spanstion | S25FL116K        | (ISP)                  | (138)        |
| Spanstion | S25FL116K        | [S08-150]              | (3095) (*1)  |
| Spanstion | S25FL116K        | [S08-150] (QuadSPI)    | (3095) (*1)  |
| Spanstion | S25FL116K        | [S08-200]              | (3088) (*1)  |
| Spanstion | S25FL116K        | [S08-200] (QuadSPI)    | (3088) (*1)  |
| Spanstion | S25FL116K        | [WSON8]                | (3097) (*1)  |
| Spanstion | S25FL116K        | [WSON8] (QuadSPI)      | (3097) (*1)  |
| Spanstion | S25FL116KxxBxx02 | [BGA24]                | (1343) (*1)  |
| Spanstion | S25FL116KxxBxx02 | [BGA24] (QuadSPI)      | (1343) (*1)  |
| Spanstion | S25FL116KxxBxx03 | [BGA24]                | (1268) (*1)  |
| Spanstion | S25FL116KxxBxx03 | [BGA24] (QuadSPI)      | (1268) (*1)  |
| Spanstion | S25FL116KxxBxxS2 | [BGA24]                | (1343) (*1)  |
| Spanstion | S25FL116KxxBxxS2 | [BGA24] (QuadSPI)      | (1343) (*1)  |
| Spanstion | S25FL116KxxBxxS3 | [BGA24]                | (1268) (*1)  |
| Spanstion | S25FL116KxxBxxS3 | [BGA24] (QuadSPI)      | (1268) (*1)  |
| Spanstion | S25FL127S        | (ISP)                  | (138) (9997) |
| Spanstion | S25FL127SxxBxxC0 | [BGA24]                | (1343) (*1)  |
| Spanstion | S25FL127SxxBxxC0 | [BGA24] (QuadSPI)      | (1343) (*1)  |
| Spanstion | S25FL127SxxBxxD0 | [BGA24]                | (1268) (*1)  |
| Spanstion | S25FL127SxxBxxD0 | [BGA24] (QuadSPI)      | (1268) (*1)  |
| Spanstion | S25FL127SxxMxx00 | [SOIC16]               | (3101) (*1)  |
| Spanstion | S25FL127SxxMxx00 | [SOIC16] (QuadSPI)     | (3101) (*1)  |
| Spanstion | S25FL127SxxMxx10 | [S08]                  | (3088) (*1)  |
| Spanstion | S25FL127SxxMxx10 | [S08] (QuadSPI)        | (3088) (*1)  |
| Spanstion | S25FL127SxxNxx10 | [USON8]                | (3097) (*1)  |
| Spanstion | S25FL127SxxNxx10 | [USON8] (QuadSPI)      | (3097) (*1)  |
| Spanstion | S25FL128K        | (ISP)                  | (138)        |
| Spanstion | S25FL128K        | [S016]                 | (3101) (*1)  |
| Spanstion | S25FL128K        | [S016] (QuadSPI)       | (3101) (*1)  |
| Spanstion | S25FL128L        | (ISP)                  | (138) (9997) |
| Spanstion | S25FL128LxxBxx02 | [BGA24]                | (3122)       |
| Spanstion | S25FL128LxxBxx02 | [BGA24] (Quad I/O)     | (3122)       |
| Spanstion | S25FL128LxxBxx03 | [BGA24]                | (3128)       |
| Spanstion | S25FL128LxxBxx03 | [BGA24] (Quad I/O)     | (3128)       |
| Spanstion | S25FL128LxxMxx00 | [SOIC16]               | (3100) (*1)  |
| Spanstion | S25FL128LxxMxx00 | [SOIC16] (Quad I/O)    | (3100) (*1)  |
| Spanstion | S25FL128LxxMxx01 | [SOIC8]                | (3087) (*1)  |
| Spanstion | S25FL128LxxMxx01 | [SOIC8] (Quad I/O)     | (3087) (*1)  |
| Spanstion | S25FL128LxxNxx01 | [WSON8 5x6]            | (4117) (*1)  |
| Spanstion | S25FL128LxxNxx01 | [WSON8 5x6] (Quad I/O) | (4117) (*1)  |
| Spanstion | S25FL128PxxMxx00 | [S016]                 | (3101) (*1)  |
| Spanstion | S25FL128PxxMxx01 | [S016]                 | (3101) (*1)  |
| Spanstion | S25FL128PxxNxx00 | [WSON8]                | (3053) (*1)  |
| Spanstion | S25FL128PxxNxx01 | [WSON8]                | (3053) (*1)  |
| Spanstion | S25FL128Pxxxxx00 | (ISP)                  | (138)        |
| Spanstion | S25FL128Pxxxxx01 | (ISP)                  | (138)        |
| Spanstion | S25FL128SxxBxx20 | [BGA24]                | (1343) (*1)  |
| Spanstion | S25FL128SxxBxx20 | [BGA24] (QuadSPI)      | (1343) (*1)  |
| Spanstion | S25FL128SxxBxx21 | [BGA24]                | (1343) (*1)  |
| Spanstion | S25FL128SxxBxx21 | [BGA24] (QuadSPI)      | (1343) (*1)  |
| Spanstion | S25FL128SxxBxx30 | [BGA24]                | (1268) (*1)  |
| Spanstion | S25FL128SxxBxx30 | [BGA24] (QuadSPI)      | (1268) (*1)  |
| Spanstion | S25FL128SxxBxx31 | [BGA24]                | (1268) (*1)  |
| Spanstion | S25FL128SxxBxx31 | [BGA24] (QuadSPI)      | (1268) (*1)  |
| Spanstion | S25FL128SxxBxx40 | [BGA24]                | (1343) (*1)  |
| Spanstion | S25FL128SxxBxx40 | [BGA24] (QuadSPI)      | (1343) (*1)  |
| Spanstion | S25FL128SxxBxx41 | [BGA24]                | (1343) (*1)  |
| Spanstion | S25FL128SxxBxx41 | [BGA24] (QuadSPI)      | (1343) (*1)  |
| Spanstion | S25FL128SxxBxx60 | [BGA24]                | (1268) (*1)  |
| Spanstion | S25FL128SxxBxx60 | [BGA24] (QuadSPI)      | (1268) (*1)  |

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|           |                   |                   |              |
|-----------|-------------------|-------------------|--------------|
| Spanstion | S25FL256Sxxxxx01  | (ISP)             | (138) (9997) |
| Spanstion | S25FL512SxxBxxx21 | [BGA24]           | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxx21 | [BGA24] (QuadSPI) | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxx31 | [BGA24]           | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxx31 | [BGA24] (QuadSPI) | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxx41 | [BGA24]           | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxx41 | [BGA24] (QuadSPI) | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxx61 | [BGA24]           | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxx61 | [BGA24] (QuadSPI) | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxx71 | [BGA24]           | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxx71 | [BGA24] (QuadSPI) | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxx81 | [BGA24]           | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxx81 | [BGA24] (QuadSPI) | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxxA1 | [BGA24]           | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxxA1 | [BGA24] (QuadSPI) | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxxB1 | [BGA24]           | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxxB1 | [BGA24] (QuadSPI) | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxxC1 | [BGA24]           | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxxC1 | [BGA24] (QuadSPI) | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxxD1 | [BGA24]           | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxxD1 | [BGA24] (QuadSPI) | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxxE1 | [BGA24]           | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxxE1 | [BGA24] (QuadSPI) | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxxF1 | [BGA24]           | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxxF1 | [BGA24] (QuadSPI) | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxxS1 | [BGA24]           | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxxT1 | [BGA24]           | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxxT1 | [BGA24] (QuadSPI) | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxxU1 | [BGA24]           | (1343) (*1)  |
| Spanstion | S25FL512SxxBxxxV1 | [BGA24]           | (1268) (*1)  |
| Spanstion | S25FL512SxxBxxxY1 | [BGA24]           | (1343) (*1)  |
| Spanstion | S25FL512SxxMxxx01 | [SO16]            | (3101) (*1)  |
| Spanstion | S25FL512SxxMxxx01 | [SO16] (QuadSPI)  | (3101) (*1)  |
| Spanstion | S25FL512SxxMxxx91 | [SO16]            | (3101) (*1)  |
| Spanstion | S25FL512SxxMxxx91 | [SO16] (QuadSPI)  | (3101) (*1)  |
| Spanstion | S25FL512SxxMxxxG1 | [SO16]            | (3101) (*1)  |
| Spanstion | S25FL512SxxMxxxG1 | [SO16] (QuadSPI)  | (3101) (*1)  |
| Spanstion | S25FL512SxxMxxxH1 | [SO16]            | (3101) (*1)  |
| Spanstion | S25FL512SxxMxxxH1 | [SO16] (QuadSPI)  | (3101) (*1)  |
| Spanstion | S25FL512SxxMxxxQ1 | [SO16]            | (3101) (*1)  |
| Spanstion | S25FL512SxxMxxxQ1 | [SO16] (QuadSPI)  | (3101) (*1)  |
| Spanstion | S25FL512SxxMxxxR1 | [SO16]            | (3101) (*1)  |
| Spanstion | S25FL512SxxMxxxR1 | [SO16] (QuadSPI)  | (3101) (*1)  |
| Spanstion | S25FL512Sxxxxxx01 | (ISP)             | (138) (9997) |
| Spanstion | S25FS064SxxBxxx20 | [BGA24]           | (3122)       |
| Spanstion | S25FS064SxxBxxx20 | [BGA24] (QuadSPI) | (3122)       |
| Spanstion | S25FS064SxxMxxx01 | [SO1C8]           | (3087) (*1)  |
| Spanstion | S25FS064SxxMxxx01 | [SO1C8] (QuadSPI) | (3087) (*1)  |
| Spanstion | S25FS128SxxBxxx20 | [BGA24]           | (1343) (*1)  |
| Spanstion | S25FS128SxxBxxx30 | [BGA24]           | (1268) (*1)  |
| Spanstion | S25FS128SxxMxxx10 | [SO1C8]           | (3088) (*1)  |
| Spanstion | S25FS128SxxMxxx1D | [SO1C8]           | (3088) (*1)  |
| Spanstion | S25FS128SxxNxxx10 | [WSON8]           | (3097) (*1)  |
| Spanstion | S25FS256SxxBxxx20 | [BGA24]           | (1343) (*1)  |
| Spanstion | S25FS256SxxBxxx30 | [BGA24]           | (1268) (*1)  |
| Spanstion | S25FS256SxxMxxx00 | [SO16]            | (3101) (*1)  |
| Spanstion | S25FS256SxxNxxx00 | [WSON8]           | (3053) (*1)  |
| Spanstion | S25FS256Sxxxxxx00 | (ISP)             | (138) (9997) |
| Spanstion | S25FS512SxxBxxx21 | [BGA24]           | (1343) (*1)  |
| Spanstion | S25FS512SxxBxxx21 | [BGA24] (QuadSPI) | (3122)       |
| Spanstion | S25FS512SxxMxxx01 | [SO16]            | (3101) (*1)  |
| Spanstion | S25FS512SxxMxxx01 | [SO16] (QuadSPI)  | (3100) (*1)  |
| Spanstion | S25FS512SxxNxxx01 | [WSON8]           | (3926) (*1)  |
| Spanstion | S25FS512SxxNxxx01 | [WSON8] (QuadSPI) | (3926) (*1)  |
| Spanstion | S25FS512Sxxxxxx01 | (ISP)             | (138) (9997) |
| Spanstion | S26HL512TxxBxxx00 | [BGA24]           | (4392)       |
| Spanstion | S26HS512TxxBxxx00 | [BGA24]           | (4392)       |
| Spanstion | S26KL128SxxBxxx02 | [BGA24]           | (4392)       |
| Spanstion | S26KL128SxxBxxx03 | [BGA24]           | (4392)       |
| Spanstion | S26KL256SxxBxxx02 | [BGA24]           | (4392)       |
| Spanstion | S26KL256SxxBxxx03 | [BGA24]           | (4392)       |
| Spanstion | S26KL512SxxBxxx02 | [BGA24]           | (4392)       |
| Spanstion | S26KL512SxxBxxx03 | [BGA24]           | (4392)       |
| Spanstion | S26KS128SxxBxxx02 | [BGA24]           | (4392)       |
| Spanstion | S26KS128SxxBxxx03 | [BGA24]           | (4392)       |
| Spanstion | S26KS256SxxBxxx02 | [BGA24]           | (4392)       |
| Spanstion | S26KS256SxxBxxx03 | [BGA24]           | (4392)       |
| Spanstion | S26KS512SxxBxxx02 | [BGA24]           | (4392)       |
| Spanstion | S26KS512SxxBxxx03 | [BGA24]           | (4392)       |
| Spanstion | S29AD016DxxBxxx01 | [FBGA48]          | (959)        |
| Spanstion | S29AD016DxxBxxx02 | [FBGA48]          | (959)        |
| Spanstion | S29AD016DxxMxxx01 | [PSOP44]          | (1356)       |
| Spanstion | S29AD016DxxMxxx02 | [PSOP44]          | (1356)       |
| Spanstion | S29AD016DxxTxxx01 | [TSOP48]          | (1346)       |
| Spanstion | S29AD016DxxTxxx02 | [TSOP48]          | (1346)       |
| Spanstion | S29AL004DxxBxxx01 | [FBGA48]          | (959)        |
| Spanstion | S29AL004DxxBxxx02 | [FBGA48]          | (959)        |
| Spanstion | S29AL004DxxMxxx01 | [PSOP44]          | (1356)       |
| Spanstion | S29AL004DxxMxxx02 | [PSOP44]          | (1356)       |
| Spanstion | S29AL004DxxTxxx01 | [TSOP48]          | (1346)       |
| Spanstion | S29AL004DxxTxxx02 | [TSOP48]          | (1346)       |
| Spanstion | S29AL008DxxBxxx01 | [FBGA48]          | (959)        |
| Spanstion | S29AL008DxxBxxx02 | [FBGA48]          | (959)        |
| Spanstion | S29AL008DxxBxxxR1 | [FBGA48]          | (959)        |
| Spanstion | S29AL008DxxBxxxR2 | [FBGA48]          | (959)        |
| Spanstion | S29AL008DxxSxxx01 | [PSOP44]          | (1356)       |
| Spanstion | S29AL008DxxSxxx02 | [PSOP44]          | (1356)       |
| Spanstion | S29AL008DxxTxxx01 | [TSOP48]          | (1346)       |
| Spanstion | S29AL008DxxTxxx02 | [TSOP48]          | (1346)       |
| Spanstion | S29AL008DxxTxxxR1 | [TSOP48]          | (1346)       |
| Spanstion | S29AL008DxxTxxxR2 | [TSOP48]          | (1346)       |
| Spanstion | S29AL008JxxBxxx01 | [FBGA48]          | (959)        |
| Spanstion | S29AL008JxxBxxx02 | [FBGA48]          | (959)        |
| Spanstion | S29AL008JxxBxxx03 | [FBGA48]          | (959)        |
| Spanstion | S29AL008JxxBxxx04 | [FBGA48]          | (959)        |
| Spanstion | S29AL008JxxBxxxR1 | [FBGA48]          | (959)        |
| Spanstion | S29AL008JxxBxxxR2 | [FBGA48]          | (959)        |
| Spanstion | S29AL008JxxFxxx03 | [FBGA64]          | (1261)       |
| Spanstion | S29AL008JxxFxxx04 | [FBGA64]          | (1261)       |
| Spanstion | S29AL008JxxMxxx03 | [PSOP44]          | (1356)       |
| Spanstion | S29AL008JxxMxxx04 | [PSOP44]          | (1356)       |
| Spanstion | S29AL008JxxTxxx01 | [TSOP48]          | (1346)       |
| Spanstion | S29AL008JxxTxxx02 | [TSOP48]          | (1346)       |
| Spanstion | S29AL008JxxTxxx03 | [TSOP48]          | (1346)       |
| Spanstion | S29AL008JxxTxxx04 | [TSOP48]          | (1346)       |
| Spanstion | S29AL008JxxTxxxR1 | [TSOP48]          | (1346)       |
| Spanstion | S29AL008JxxTxxxR2 | [TSOP48]          | (1346)       |
| Spanstion | S29AL016DxxBxxx01 | [FBGA48]          | (959)        |
| Spanstion | S29AL016DxxBxxx02 | [FBGA48]          | (959)        |
| Spanstion | S29AL016DxxMxxx01 | [PSOP44]          | (1356)       |
| Spanstion | S29AL016DxxMxxx02 | [PSOP44]          | (1356)       |
| Spanstion | S29AL016DxxTxxx01 | [TSOP48]          | (1346)       |
| Spanstion | S29AL016DxxTxxx02 | [TSOP48]          | (1346)       |
| Spanstion | S29AL016JxxBxxx01 | [FBGA48]          | (959)        |
| Spanstion | S29AL016JxxBxxx02 | [FBGA48]          | (959)        |
| Spanstion | S29AL016JxxBxxx03 | [FBGA48]          | (959)        |
| Spanstion | S29AL016JxxBxxx04 | [FBGA48]          | (959)        |
| Spanstion | S29AL016JxxBxxxR1 | [FBGA48]          | (959)        |

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|-----------|------------------|----------|--------|
| Spanstion | S29AL016JxxBxxR2 | [FBGA48] | (959)  |
| Spanstion | S29AL016JxxFxx01 | [FBGA64] | (1261) |
| Spanstion | S29AL016JxxFxx02 | [FBGA64] | (1261) |
| Spanstion | S29AL016JxxFxxR1 | [FBGA64] | (1261) |
| Spanstion | S29AL016JxxFxxR2 | [FBGA64] | (1261) |
| Spanstion | S29AL016JxxTxx01 | [TSOP48] | (1346) |
| Spanstion | S29AL016JxxTxx02 | [TSOP48] | (1346) |
| Spanstion | S29AL016JxxTxx03 | [TSOP48] | (1346) |
| Spanstion | S29AL016JxxTxx04 | [TSOP48] | (1346) |
| Spanstion | S29AL016JxxTxxR1 | [TSOP48] | (1346) |
| Spanstion | S29AL016JxxTxxR2 | [TSOP48] | (1346) |
| Spanstion | S29AL016MxxBxx01 | [BGA48]  | (959)  |
| Spanstion | S29AL016MxxBxx02 | [BGA48]  | (959)  |
| Spanstion | S29AL016MxxBxxR1 | [BGA48]  | (959)  |
| Spanstion | S29AL016MxxBxxR2 | [BGA48]  | (959)  |
| Spanstion | S29AL016MxxFxx01 | [BGA64]  | (922)  |
| Spanstion | S29AL016MxxFxx02 | [BGA64]  | (922)  |
| Spanstion | S29AL016MxxFxxR1 | [BGA64]  | (922)  |
| Spanstion | S29AL016MxxFxxR2 | [BGA64]  | (922)  |
| Spanstion | S29AL016MxxTxx01 | [TSOP48] | (1346) |
| Spanstion | S29AL016MxxTxx02 | [TSOP48] | (1346) |
| Spanstion | S29AL016MxxTxxR1 | [TSOP48] | (1346) |
| Spanstion | S29AL016MxxTxxR2 | [TSOP48] | (1346) |
| Spanstion | S29AL032DxxBxx00 | [FBGA48] | (707)  |
| Spanstion | S29AL032DxxBxx03 | [FBGA48] | (707)  |
| Spanstion | S29AL032DxxBxx04 | [FBGA48] | (707)  |
| Spanstion | S29AL032DxxTxx00 | [TSOP40] | (1368) |
| Spanstion | S29AL032DxxTxx03 | [TSOP48] | (1346) |
| Spanstion | S29AL032DxxTxx04 | [TSOP48] | (1346) |
| Spanstion | S29AS008JxxBxx01 | [FBGA48] | (959)  |
| Spanstion | S29AS008JxxBxx02 | [FBGA48] | (959)  |
| Spanstion | S29AS008JxxBxx03 | [FBGA48] | (959)  |
| Spanstion | S29AS008JxxBxx04 | [FBGA48] | (959)  |
| Spanstion | S29AS008JxxTxx01 | [TSOP48] | (1346) |
| Spanstion | S29AS008JxxTxx02 | [TSOP48] | (1346) |
| Spanstion | S29AS008JxxTxx03 | [TSOP48] | (1346) |
| Spanstion | S29AS008JxxTxx04 | [TSOP48] | (1346) |
| Spanstion | S29AS016JxxBxx01 | [FBGA48] | (959)  |
| Spanstion | S29AS016JxxBxx02 | [FBGA48] | (959)  |
| Spanstion | S29AS016JxxBxx03 | [FBGA48] | (959)  |
| Spanstion | S29AS016JxxBxx04 | [FBGA48] | (959)  |
| Spanstion | S29AS016JxxBxxF3 | [FBGA48] | (2390) |
| Spanstion | S29AS016JxxBxxF4 | [FBGA48] | (2390) |
| Spanstion | S29AS016JxxTxx01 | [TSOP48] | (1346) |
| Spanstion | S29AS016JxxTxx02 | [TSOP48] | (1346) |
| Spanstion | S29AS016JxxTxx03 | [TSOP48] | (1346) |
| Spanstion | S29AS016JxxTxx04 | [TSOP48] | (1346) |
| Spanstion | S29CD016JxxFxx11 | [BGA80]  | (3877) |
| Spanstion | S29CD016JxxQxx00 | [PQFP80] | (471)  |
| Spanstion | S29CD016JxxQxx01 | [PQFP80] | (471)  |
| Spanstion | S29CD016JxxQxx02 | [PQFP80] | (471)  |
| Spanstion | S29CD016JxxQxx03 | [PQFP80] | (471)  |
| Spanstion | S29CD016JxxQxx10 | [PQFP80] | (471)  |
| Spanstion | S29CD016JxxQxx11 | [PQFP80] | (471)  |
| Spanstion | S29CD016JxxQxx12 | [PQFP80] | (471)  |
| Spanstion | S29CD016JxxQxx13 | [PQFP80] | (471)  |
| Spanstion | S29CD032JxxQxx00 | [PQFP80] | (792)  |
| Spanstion | S29CD032JxxQxx01 | [PQFP80] | (792)  |
| Spanstion | S29CL016JxxQxx00 | [PQFP80] | (471)  |
| Spanstion | S29CL016JxxQxx01 | [PQFP80] | (471)  |
| Spanstion | S29CL016JxxQxx02 | [PQFP80] | (471)  |
| Spanstion | S29CL016JxxQxx03 | [PQFP80] | (471)  |
| Spanstion | S29GL016AxxBxx01 | [FBGA48] | (959)  |
| Spanstion | S29GL016AxxBxx02 | [FBGA48] | (959)  |
| Spanstion | S29GL016AxxBxxR1 | [FBGA48] | (959)  |
| Spanstion | S29GL016AxxBxxR2 | [FBGA48] | (959)  |
| Spanstion | S29GL016AxxBxxW1 | [FBGA56] | (570)  |
| Spanstion | S29GL016AxxBxxW2 | [FBGA56] | (570)  |
| Spanstion | S29GL016AxxFxx01 | [FBGA64] | (922)  |
| Spanstion | S29GL016AxxFxx02 | [FBGA64] | (922)  |
| Spanstion | S29GL016AxxFxxR1 | [FBGA64] | (922)  |
| Spanstion | S29GL016AxxFxxR2 | [FBGA64] | (922)  |
| Spanstion | S29GL016AxxTxx01 | [TSOP48] | (1346) |
| Spanstion | S29GL016AxxTxx02 | [TSOP48] | (1346) |
| Spanstion | S29GL016AxxTxxR1 | [TSOP48] | (1346) |
| Spanstion | S29GL016AxxTxxR2 | [TSOP48] | (1346) |
| Spanstion | S29GL01GPxxFxx01 | [FBGA64] | (1109) |
| Spanstion | S29GL01GPxxFxx02 | [FBGA64] | (1109) |
| Spanstion | S29GL01GPxxFxxR1 | [FBGA64] | (1109) |
| Spanstion | S29GL01GPxxFxxR2 | [FBGA64] | (1109) |
| Spanstion | S29GL01GPxxFxxS1 | [FBGA64] | (1109) |
| Spanstion | S29GL01GPxxFxxS2 | [FBGA64] | (1109) |
| Spanstion | S29GL01GPxxFxxS5 | [FBGA64] | (1109) |
| Spanstion | S29GL01GPxxFxxS6 | [FBGA64] | (1109) |
| Spanstion | S29GL01GPxxFxxS7 | [FBGA64] | (1109) |
| Spanstion | S29GL01GPxxFxxS8 | [FBGA64] | (1109) |
| Spanstion | S29GL01GPxxFxxV1 | [FBGA64] | (1109) |
| Spanstion | S29GL01GPxxFxxV2 | [FBGA64] | (1109) |
| Spanstion | S29GL01GPxxTxx01 | [TSOP56] | (3161) |
| Spanstion | S29GL01GPxxTxx02 | [TSOP56] | (3161) |
| Spanstion | S29GL01GPxxTxxR1 | [TSOP56] | (3161) |
| Spanstion | S29GL01GPxxTxxR2 | [TSOP56] | (3161) |
| Spanstion | S29GL01GPxxTxxV1 | [TSOP56] | (3161) |
| Spanstion | S29GL01GPxxTxxV2 | [TSOP56] | (3161) |
| Spanstion | S29GL01GRxxDxx01 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxDxx02 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxDxxR1 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxDxxR2 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxDxxV1 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxDxxV2 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxFxx01 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxFxx02 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxFxxR1 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxFxxR2 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxFxxS1 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxFxxS2 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxFxxS7 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxFxxS8 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxFxxV1 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxFxxV2 | [FBGA64] | (1187) |
| Spanstion | S29GL01GRxxTxx01 | [TSOP56] | (3161) |
| Spanstion | S29GL01GRxxTxx02 | [TSOP56] | (3161) |
| Spanstion | S29GL01GRxxTxxR1 | [TSOP56] | (3161) |
| Spanstion | S29GL01GRxxTxxR2 | [TSOP56] | (3161) |
| Spanstion | S29GL01GRxxTxxV1 | [TSOP56] | (3161) |
| Spanstion | S29GL01GRxxTxxV2 | [TSOP56] | (3161) |
| Spanstion | S29GL01GSxxDxx01 | [FBGA64] | (1187) |
| Spanstion | S29GL01GSxxDxx02 | [FBGA64] | (1187) |
| Spanstion | S29GL01GSxxDxxS1 | [FBGA64] | (1187) |
| Spanstion | S29GL01GSxxDxxS2 | [FBGA64] | (1187) |
| Spanstion | S29GL01GSxxDxxS3 | [FBGA64] | (1187) |
| Spanstion | S29GL01GSxxDxxS4 | [FBGA64] | (1187) |
| Spanstion | S29GL01GSxxDxxS6 | [FBGA64] | (1187) |
| Spanstion | S29GL01GSxxDxxV1 | [FBGA64] | (1187) |
| Spanstion | S29GL01GSxxDxxV2 | [FBGA64] | (1187) |
| Spanstion | S29GL01GSxxFxxV1 | [FBGA64] | (1109) |
| Spanstion | S29GL01GSxxFxx01 | [FBGA64] | (1109) |
| Spanstion | S29GL01GSxxFxx02 | [FBGA64] | (1109) |

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|-----------|-------------------|----------|--------|
| Spanstion | S29GL01GSxxFHXs1  | [FBGA64] | (1109) |
| Spanstion | S29GL01GSxxFHXs2  | [FBGA64] | (1109) |
| Spanstion | S29GL01GSxxFHXv1  | [FBGA64] | (1109) |
| Spanstion | S29GL01GSxxFHXv2  | [FBGA64] | (1109) |
| Spanstion | S29GL01GSxxTFx01  | [TSOP56] | (3161) |
| Spanstion | S29GL01GSxxTFx02  | [TSOP56] | (3161) |
| Spanstion | S29GL01GSxxTFxv1  | [TSOP56] | (3161) |
| Spanstion | S29GL01GSxxTFxv2  | [TSOP56] | (3161) |
| Spanstion | S29GL01GTxxDHX01  | [FBGA64] | (1187) |
| Spanstion | S29GL01GTxxDHX02  | [FBGA64] | (1187) |
| Spanstion | S29GL01GTxxDHXv1  | [FBGA64] | (1187) |
| Spanstion | S29GL01GTxxDHXv2  | [FBGA64] | (1187) |
| Spanstion | S29GL01GTxxFHX01  | [FBGA64] | (1109) |
| Spanstion | S29GL01GTxxFHX02  | [FBGA64] | (1109) |
| Spanstion | S29GL01GTxxFHXv1  | [FBGA64] | (1109) |
| Spanstion | S29GL01GTxxFHXv2  | [FBGA64] | (1109) |
| Spanstion | S29GL01GTxxGHx01  | [FBGA56] | (3794) |
| Spanstion | S29GL01GTxxGHx02  | [FBGA56] | (3794) |
| Spanstion | S29GL01GTxxTFx01  | [TSOP56] | (3160) |
| Spanstion | S29GL01GTxxTFx02  | [TSOP56] | (3160) |
| Spanstion | S29GL01GTxxTFxv1  | [TSOP56] | (3160) |
| Spanstion | S29GL01GTxxTFxv2  | [TSOP56] | (3160) |
| Spanstion | S29GL02GSxxTxxR1  | [TSOP56] | (3657) |
| Spanstion | S29GL02GSxxTxxR2  | [TSOP56] | (3657) |
| Spanstion | S29GL032AxxBxxR3  | [FBGA48] | (707)  |
| Spanstion | S29GL032AxxBxxR4  | [FBGA48] | (707)  |
| Spanstion | S29GL032AxxBxxW3  | [FBGA56] | (570)  |
| Spanstion | S29GL032AxxBxxW4  | [FBGA56] | (570)  |
| Spanstion | S29GL032AxxFxxR1  | [FBGA64] | (922)  |
| Spanstion | S29GL032AxxFxxR2  | [FBGA64] | (922)  |
| Spanstion | S29GL032AxxFxxR3  | [FBGA64] | (922)  |
| Spanstion | S29GL032AxxFxxR4  | [FBGA64] | (922)  |
| Spanstion | S29GL032AxxFxxS1  | [FBGA64] | (922)  |
| Spanstion | S29GL032AxxFxxS2  | [FBGA64] | (922)  |
| Spanstion | S29GL032AxxFxxS3  | [FBGA64] | (585)  |
| Spanstion | S29GL032AxxFxxS4  | [FBGA64] | (585)  |
| Spanstion | S29GL032AxxTxxR1  | [TSOP56] | (3080) |
| Spanstion | S29GL032AxxTxxR2  | [TSOP56] | (3080) |
| Spanstion | S29GL032AxxTxxR3  | [TSOP48] | (1346) |
| Spanstion | S29GL032AxxTxxR4  | [TSOP48] | (1346) |
| Spanstion | S29GL032MxxBxxR0  | [FBGA48] | (983)  |
| Spanstion | S29GL032MxxBxxR3  | [FBGA48] | (983)  |
| Spanstion | S29GL032MxxBxxR4  | [FBGA48] | (983)  |
| Spanstion | S29GL032MxxBxxR5  | [FBGA48] | (760)  |
| Spanstion | S29GL032MxxBxxR6  | [FBGA48] | (760)  |
| Spanstion | S29GL032MxxFxxR1  | [FBGA64] | (922)  |
| Spanstion | S29GL032MxxFxxR2  | [FBGA64] | (922)  |
| Spanstion | S29GL032MxxFxxR3  | [BGA64]  | (922)  |
| Spanstion | S29GL032MxxFxxR4  | [BGA64]  | (922)  |
| Spanstion | S29GL032MxxTxxR1  | [TSOP56] | (3080) |
| Spanstion | S29GL032MxxTxxR2  | [TSOP56] | (3080) |
| Spanstion | S29GL032MxxxxxxR0 | [TSOP40] | (1368) |
| Spanstion | S29GL032MxxxxxxR3 | [TSOP48] | (1346) |
| Spanstion | S29GL032MxxxxxxR4 | [TSOP48] | (1346) |
| Spanstion | S29GL032NxxBxx03  | [FBGA48] | (959)  |
| Spanstion | S29GL032NxxBxx04  | [FBGA48] | (959)  |
| Spanstion | S29GL032NxxBxxR3  | [FBGA48] | (959)  |
| Spanstion | S29GL032NxxBxxR4  | [FBGA48] | (959)  |
| Spanstion | S29GL032NxxDxx01  | [FBGA64] | (1261) |
| Spanstion | S29GL032NxxDxx02  | [FBGA64] | (1261) |
| Spanstion | S29GL032NxxDxx03  | [FBGA64] | (1261) |
| Spanstion | S29GL032NxxDxx04  | [FBGA64] | (1261) |
| Spanstion | S29GL032NxxDxxv1  | [FBGA64] | (1261) |
| Spanstion | S29GL032NxxDxxv2  | [FBGA64] | (1261) |
| Spanstion | S29GL032NxxFxx01  | [FBGA64] | (922)  |
| Spanstion | S29GL032NxxFxx02  | [FBGA64] | (922)  |
| Spanstion | S29GL032NxxFxx03  | [FBGA64] | (922)  |
| Spanstion | S29GL032NxxFxx04  | [FBGA64] | (922)  |
| Spanstion | S29GL032NxxFxxR3  | [FBGA64] | (922)  |
| Spanstion | S29GL032NxxFxxR4  | [FBGA64] | (922)  |
| Spanstion | S29GL032NxxFxxS1  | [FBGA64] | (938)  |
| Spanstion | S29GL032NxxFxxS2  | [FBGA64] | (938)  |
| Spanstion | S29GL032NxxFxxS3  | [FBGA64] | (705)  |
| Spanstion | S29GL032NxxFxxS4  | [FBGA64] | (705)  |
| Spanstion | S29GL032NxxTxx01  | [TSOP56] | (3080) |
| Spanstion | S29GL032NxxTxx02  | [TSOP56] | (3080) |
| Spanstion | S29GL032NxxTxx03  | [TSOP48] | (1346) |
| Spanstion | S29GL032NxxTxx04  | [TSOP48] | (1346) |
| Spanstion | S29GL032NxxTxxM3  | [TSOP48] | (1346) |
| Spanstion | S29GL032NxxTxxR1  | [TSOP56] | (3080) |
| Spanstion | S29GL032NxxTxxR2  | [TSOP56] | (3080) |
| Spanstion | S29GL032NxxTxxR3  | [TSOP48] | (1346) |
| Spanstion | S29GL032NxxTxxR4  | [TSOP48] | (1346) |
| Spanstion | S29GL032NxxTxxv1  | [TSOP56] | (3080) |
| Spanstion | S29GL032NxxTxxv2  | [TSOP56] | (3080) |
| Spanstion | S29GL064AxxBxxR3  | [FBGA48] | (707)  |
| Spanstion | S29GL064AxxBxxR4  | [FBGA48] | (707)  |
| Spanstion | S29GL064AxxBxxR5  | [FBGA48] | (707)  |
| Spanstion | S29GL064AxxFxxR1  | [FBGA64] | (938)  |
| Spanstion | S29GL064AxxFxxR2  | [FBGA64] | (938)  |
| Spanstion | S29GL064AxxFxxR3  | [FBGA64] | (922)  |
| Spanstion | S29GL064AxxFxxR4  | [FBGA64] | (922)  |
| Spanstion | S29GL064AxxFxxR5  | [FBGA64] | (922)  |
| Spanstion | S29GL064AxxFxxS1  | [FBGA64] | (922)  |
| Spanstion | S29GL064AxxFxxS2  | [FBGA64] | (922)  |
| Spanstion | S29GL064AxxFxxS3  | [FBGA64] | (585)  |
| Spanstion | S29GL064AxxFxxS4  | [FBGA64] | (585)  |
| Spanstion | S29GL064AxxTxxR1  | [TSOP56] | (3080) |
| Spanstion | S29GL064AxxTxxR2  | [TSOP56] | (3080) |
| Spanstion | S29GL064AxxTxxR3  | [TSOP48] | (1346) |
| Spanstion | S29GL064AxxTxxR4  | [TSOP48] | (1346) |
| Spanstion | S29GL064AxxTxxR6  | [TSOP48] | (1346) |
| Spanstion | S29GL064AxxTxxR7  | [TSOP48] | (1346) |
| Spanstion | S29GL064AxxTxxR8  | [TSOP48] | (1346) |
| Spanstion | S29GL064AxxTxxR9  | [TSOP48] | (1346) |
| Spanstion | S29GL064MxxBxxR0  | [FBGA63] | (663)  |
| Spanstion | S29GL064MxxBxxR3  | [FBGA63] | (663)  |
| Spanstion | S29GL064MxxBxxR4  | [FBGA63] | (663)  |
| Spanstion | S29GL064MxxBxxR5  | [FBGA63] | (663)  |
| Spanstion | S29GL064MxxFxxR1  | [FBGA64] | (938)  |
| Spanstion | S29GL064MxxFxxR2  | [FBGA64] | (938)  |
| Spanstion | S29GL064MxxFxxR3  | [BGA64]  | (922)  |
| Spanstion | S29GL064MxxFxxR4  | [BGA64]  | (922)  |
| Spanstion | S29GL064MxxFxxR5  | [BGA64]  | (922)  |
| Spanstion | S29GL064MxxFxxS1  | [FBGA64] | (922)  |
| Spanstion | S29GL064MxxFxxS2  | [FBGA64] | (922)  |
| Spanstion | S29GL064MxxFxxS3  | [FBGA64] | (585)  |
| Spanstion | S29GL064MxxFxxS4  | [FBGA64] | (585)  |
| Spanstion | S29GL064MxxTBIR2  | [TSOP48] | (1346) |
| Spanstion | S29GL064MxxTBIR7  | [TSOP48] | (1346) |
| Spanstion | S29GL064MxxTCIR2  | [TSOP48] | (1346) |
| Spanstion | S29GL064MxxTCIR7  | [TSOP48] | (1346) |
| Spanstion | S29GL064MxxTxxR1  | [TSOP56] | (3080) |
| Spanstion | S29GL064MxxTxxR2  | [TSOP56] | (3080) |
| Spanstion | S29GL064MxxxxxxR0 | [TSOP48] | (1349) |
| Spanstion | S29GL064MxxxxxxR3 | [TSOP48] | (1346) |
| Spanstion | S29GL064MxxxxxxR4 | [TSOP48] | (1346) |
| Spanstion | S29GL064MxxxxxxR6 | [TSOP48] | (1346) |



|           |                  |          |        |
|-----------|------------------|----------|--------|
| Spanstion | S29GL064MxxxxxR7 | [TSOP48] | (1346) |
| Spanstion | S29GL064NxxBxx03 | [FBGA48] | (959)  |
| Spanstion | S29GL064NxxBxx04 | [FBGA48] | (959)  |
| Spanstion | S29GL064NxxBxxR3 | [FBGA48] | (959)  |
| Spanstion | S29GL064NxxBxxR4 | [FBGA48] | (959)  |
| Spanstion | S29GL064NxxDxx01 | [FBGA64] | (1261) |
| Spanstion | S29GL064NxxDxx02 | [FBGA64] | (1261) |
| Spanstion | S29GL064NxxDxx03 | [FBGA64] | (1261) |
| Spanstion | S29GL064NxxDxx04 | [FBGA64] | (1261) |
| Spanstion | S29GL064NxxDxxv1 | [FBGA64] | (1261) |
| Spanstion | S29GL064NxxDxxv2 | [FBGA64] | (1261) |
| Spanstion | S29GL064NxxFxx01 | [FBGA64] | (922)  |
| Spanstion | S29GL064NxxFxx02 | [FBGA64] | (922)  |
| Spanstion | S29GL064NxxFxx03 | [FBGA64] | (922)  |
| Spanstion | S29GL064NxxFxx04 | [FBGA64] | (922)  |
| Spanstion | S29GL064NxxFxxR1 | [FBGA64] | (922)  |
| Spanstion | S29GL064NxxFxxR2 | [FBGA64] | (922)  |
| Spanstion | S29GL064NxxFxxR3 | [FBGA64] | (922)  |
| Spanstion | S29GL064NxxFxxR4 | [FBGA64] | (922)  |
| Spanstion | S29GL064NxxFxxS1 | [FBGA64] | (938)  |
| Spanstion | S29GL064NxxFxxS2 | [FBGA64] | (938)  |
| Spanstion | S29GL064NxxFxxS3 | [FBGA64] | (705)  |
| Spanstion | S29GL064NxxFxxS4 | [FBGA64] | (705)  |
| Spanstion | S29GL064NxxFxxv1 | [FBGA64] | (922)  |
| Spanstion | S29GL064NxxFxxv2 | [FBGA64] | (922)  |
| Spanstion | S29GL064NxxTxx01 | [TSOP56] | (3080) |
| Spanstion | S29GL064NxxTxx02 | [TSOP56] | (3080) |
| Spanstion | S29GL064NxxTxx03 | [TSOP48] | (1346) |
| Spanstion | S29GL064NxxTxx04 | [TSOP48] | (1346) |
| Spanstion | S29GL064NxxTxx06 | [TSOP48] | (1346) |
| Spanstion | S29GL064NxxTxx07 | [TSOP48] | (1346) |
| Spanstion | S29GL064NxxTxxR1 | [TSOP56] | (3080) |
| Spanstion | S29GL064NxxTxxR2 | [TSOP56] | (3080) |
| Spanstion | S29GL064NxxTxxR3 | [TSOP48] | (1346) |
| Spanstion | S29GL064NxxTxxR4 | [TSOP48] | (1346) |
| Spanstion | S29GL064NxxTxxR6 | [TSOP48] | (1346) |
| Spanstion | S29GL064NxxTxxR7 | [TSOP48] | (1346) |
| Spanstion | S29GL064NxxTxxv1 | [TSOP56] | (3080) |
| Spanstion | S29GL064NxxTxxv2 | [TSOP56] | (3080) |
| Spanstion | S29GL064NxxTxxv6 | [TSOP48] | (1346) |
| Spanstion | S29GL064NxxTxxv7 | [TSOP48] | (1346) |
| Spanstion | S29GL064SxxBxx03 | [FBGA48] | (959)  |
| Spanstion | S29GL064SxxBxx04 | [FBGA48] | (959)  |
| Spanstion | S29GL064SxxDxx01 | [FBGA64] | (1261) |
| Spanstion | S29GL064SxxDxx02 | [FBGA64] | (1261) |
| Spanstion | S29GL064SxxDxx03 | [FBGA64] | (1261) |
| Spanstion | S29GL064SxxDxx04 | [FBGA64] | (1261) |
| Spanstion | S29GL064SxxDxxv1 | [FBGA64] | (1261) |
| Spanstion | S29GL064SxxDxxv2 | [FBGA64] | (1261) |
| Spanstion | S29GL064SxxFxx01 | [FBGA64] | (922)  |
| Spanstion | S29GL064SxxFxx02 | [FBGA64] | (922)  |
| Spanstion | S29GL064SxxFxx03 | [FBGA64] | (922)  |
| Spanstion | S29GL064SxxFxx04 | [FBGA64] | (922)  |
| Spanstion | S29GL064SxxFxxv1 | [FBGA64] | (922)  |
| Spanstion | S29GL064SxxTxx01 | [TSOP56] | (3080) |
| Spanstion | S29GL064SxxTxx02 | [TSOP56] | (3080) |
| Spanstion | S29GL064SxxTxx03 | [TSOP48] | (1346) |
| Spanstion | S29GL064SxxTxx04 | [TSOP48] | (1346) |
| Spanstion | S29GL064SxxTxx07 | [TSOP48] | (1346) |
| Spanstion | S29GL064SxxTxxv1 | [TSOP56] | (3080) |
| Spanstion | S29GL064SxxTxxv2 | [TSOP56] | (3080) |
| Spanstion | S29GL064SxxTxxv6 | [TSOP48] | (1346) |
| Spanstion | S29GL128MxxFxxR1 | [FBGA64] | (938)  |
| Spanstion | S29GL128MxxFxxR2 | [FBGA64] | (938)  |
| Spanstion | S29GL128MxxTxxR1 | [TSOP56] | (3080) |
| Spanstion | S29GL128MxxTxxR2 | [TSOP56] | (3080) |
| Spanstion | S29GL128NxxFxx01 | [FBGA64] | (938)  |
| Spanstion | S29GL128NxxFxx02 | [FBGA64] | (938)  |
| Spanstion | S29GL128NxxFxxR1 | [FBGA64] | (938)  |
| Spanstion | S29GL128NxxFxxR2 | [FBGA64] | (938)  |
| Spanstion | S29GL128NxxFxxS1 | [FBGA64] | (1319) |
| Spanstion | S29GL128NxxFxxS2 | [FBGA64] | (1319) |
| Spanstion | S29GL128NxxFxxS3 | [FBGA64] | (585)  |
| Spanstion | S29GL128NxxFxxS4 | [FBGA64] | (585)  |
| Spanstion | S29GL128NxxFxxv1 | [FBGA64] | (938)  |
| Spanstion | S29GL128NxxFxxv2 | [FBGA64] | (938)  |
| Spanstion | S29GL128NxxTAX01 | [TSOP56] | (3080) |
| Spanstion | S29GL128NxxTAX02 | [TSOP56] | (3080) |
| Spanstion | S29GL128NxxTAXR1 | [TSOP56] | (3080) |
| Spanstion | S29GL128NxxTAXR2 | [TSOP56] | (3080) |
| Spanstion | S29GL128NxxTAXv1 | [TSOP56] | (3080) |
| Spanstion | S29GL128NxxTAXv2 | [TSOP56] | (3080) |
| Spanstion | S29GL128NxxTFX01 | [TSOP56] | (3080) |
| Spanstion | S29GL128NxxTFX02 | [TSOP56] | (3080) |
| Spanstion | S29GL128NxxTFXR1 | [TSOP56] | (3080) |
| Spanstion | S29GL128NxxTFXR2 | [TSOP56] | (3080) |
| Spanstion | S29GL128NxxTFXv1 | [TSOP56] | (3080) |
| Spanstion | S29GL128NxxTFXv2 | [TSOP56] | (3080) |
| Spanstion | S29GL128PxxDxxS1 | [FBGA64] | (1457) |
| Spanstion | S29GL128PxxDxxS2 | [FBGA64] | (1457) |
| Spanstion | S29GL128PxxDxxS5 | [FBGA64] | (1457) |
| Spanstion | S29GL128PxxDxxS6 | [FBGA64] | (1457) |
| Spanstion | S29GL128PxxDxxS7 | [FBGA64] | (1457) |
| Spanstion | S29GL128PxxDxxS8 | [FBGA64] | (1457) |
| Spanstion | S29GL128PxxFxx01 | [FBGA64] | (1109) |
| Spanstion | S29GL128PxxFxx02 | [FBGA64] | (1109) |
| Spanstion | S29GL128PxxFxxR1 | [FBGA64] | (1109) |
| Spanstion | S29GL128PxxFxxR2 | [FBGA64] | (1109) |
| Spanstion | S29GL128PxxFxxS0 | [FBGA64] | (705)  |
| Spanstion | S29GL128PxxFxxS1 | [FBGA64] | (938)  |
| Spanstion | S29GL128PxxFxxS2 | [FBGA64] | (938)  |
| Spanstion | S29GL128PxxFxxS3 | [FBGA64] | (705)  |
| Spanstion | S29GL128PxxFxxS4 | [FBGA64] | (705)  |
| Spanstion | S29GL128PxxFxxS5 | [FBGA64] | (938)  |
| Spanstion | S29GL128PxxFxxS6 | [FBGA64] | (938)  |
| Spanstion | S29GL128PxxFxxS7 | [FBGA64] | (938)  |
| Spanstion | S29GL128PxxFxxS8 | [FBGA64] | (938)  |
| Spanstion | S29GL128PxxFxxS9 | [FBGA64] | (705)  |
| Spanstion | S29GL128PxxFxxv1 | [FBGA64] | (1109) |
| Spanstion | S29GL128PxxFxxv2 | [FBGA64] | (1109) |
| Spanstion | S29GL128PxxTxx01 | [TSOP56] | (3080) |
| Spanstion | S29GL128PxxTxx02 | [TSOP56] | (3080) |
| Spanstion | S29GL128PxxTxxR1 | [TSOP56] | (3080) |
| Spanstion | S29GL128PxxTxxR2 | [TSOP56] | (3080) |
| Spanstion | S29GL128PxxTxxv1 | [TSOP56] | (3080) |
| Spanstion | S29GL128PxxTxxv2 | [TSOP56] | (3080) |
| Spanstion | S29GL128SxxDHX01 | [FBGA64] | (1187) |
| Spanstion | S29GL128SxxDHX02 | [FBGA64] | (1187) |
| Spanstion | S29GL128SxxDHXs1 | [FBGA64] | (1187) |
| Spanstion | S29GL128SxxDHXs2 | [FBGA64] | (1187) |
| Spanstion | S29GL128SxxDHXs3 | [FBGA64] | (1187) |
| Spanstion | S29GL128SxxDHXs4 | [FBGA64] | (1187) |
| Spanstion | S29GL128SxxDHXv1 | [FBGA64] | (1187) |
| Spanstion | S29GL128SxxDHXv2 | [FBGA64] | (1187) |
| Spanstion | S29GL128SxxFHX01 | [FBGA64] | (1109) |
| Spanstion | S29GL128SxxFHX02 | [FBGA64] | (1109) |
| Spanstion | S29GL128SxxFHXs1 | [FBGA64] | (1109) |
| Spanstion | S29GL128SxxFHXs2 | [FBGA64] | (1109) |

(LGE-VCCvar)

|           |                   |           |        |
|-----------|-------------------|-----------|--------|
| Spanstion | S29GL512RxxDxx02  | [FBGA64]  | (1187) |
| Spanstion | S29GL512RxxDxxv1  | [FBGA64]  | (1187) |
| Spanstion | S29GL512RxxDxxv2  | [FBGA64]  | (1187) |
| Spanstion | S29GL512RxxFxx01  | [FBGA64]  | (1187) |
| Spanstion | S29GL512RxxFxx02  | [FBGA64]  | (1187) |
| Spanstion | S29GL512RxxFxxR1  | [FBGA64]  | (1187) |
| Spanstion | S29GL512RxxFxxR2  | [FBGA64]  | (1187) |
| Spanstion | S29GL512RxxFxxS1  | [FBGA64]  | (1187) |
| Spanstion | S29GL512RxxFxxS2  | [FBGA64]  | (1187) |
| Spanstion | S29GL512RxxFxxS7  | [FBGA64]  | (1187) |
| Spanstion | S29GL512RxxFxxS8  | [FBGA64]  | (1187) |
| Spanstion | S29GL512RxxFxxv1  | [FBGA64]  | (1187) |
| Spanstion | S29GL512RxxFxxv2  | [FBGA64]  | (1187) |
| Spanstion | S29GL512RxxTxx01  | [TSOP56]  | (3080) |
| Spanstion | S29GL512RxxTxx02  | [TSOP56]  | (3080) |
| Spanstion | S29GL512RxxTxxR1  | [TSOP56]  | (3080) |
| Spanstion | S29GL512RxxTxxR2  | [TSOP56]  | (3080) |
| Spanstion | S29GL512RxxTxxv1  | [TSOP56]  | (3080) |
| Spanstion | S29GL512RxxTxxv2  | [TSOP56]  | (3080) |
| Spanstion | S29GL512SxxDHx01  | [FBGA64]  | (1187) |
| Spanstion | S29GL512SxxDHx02  | [FBGA64]  | (1187) |
| Spanstion | S29GL512SxxDHxS1  | [FBGA64]  | (1187) |
| Spanstion | S29GL512SxxDHxS2  | [FBGA64]  | (1187) |
| Spanstion | S29GL512SxxDHxS3  | [FBGA64]  | (1187) |
| Spanstion | S29GL512SxxDHxS4  | [FBGA64]  | (1187) |
| Spanstion | S29GL512SxxDHxS7  | [FBGA64]  | (1187) |
| Spanstion | S29GL512SxxDHxv1  | [FBGA64]  | (1187) |
| Spanstion | S29GL512SxxDHxv2  | [FBGA64]  | (1187) |
| Spanstion | S29GL512SxxFHX01  | [FBGA64]  | (1109) |
| Spanstion | S29GL512SxxFHX02  | [FBGA64]  | (1109) |
| Spanstion | S29GL512SxxFHXs1  | [FBGA64]  | (1109) |
| Spanstion | S29GL512SxxFHXs2  | [FBGA64]  | (1109) |
| Spanstion | S29GL512SxxFHXs5  | [FBGA64]  | (1109) |
| Spanstion | S29GL512SxxFHXv1  | [FBGA64]  | (1109) |
| Spanstion | S29GL512SxxFHXv2  | [FBGA64]  | (1109) |
| Spanstion | S29GL512SxxGHx01  | [FBGA56]  | (2772) |
| Spanstion | S29GL512SxxGHx02  | [FBGA56]  | (2772) |
| Spanstion | S29GL512SxxTFx01  | [TSOP56]  | (3079) |
| Spanstion | S29GL512SxxTFx02  | [TSOP56]  | (3079) |
| Spanstion | S29GL512SxxTFxv1  | [TSOP56]  | (3079) |
| Spanstion | S29GL512SxxTFxv2  | [TSOP56]  | (3079) |
| Spanstion | S29GL512TxxDHx01  | [FBGA64]  | (1187) |
| Spanstion | S29GL512TxxDHx02  | [FBGA64]  | (1187) |
| Spanstion | S29GL512TxxDHxv1  | [FBGA64]  | (1187) |
| Spanstion | S29GL512TxxDHxv2  | [FBGA64]  | (1187) |
| Spanstion | S29GL512TxxFHX01  | [FBGA64]  | (1109) |
| Spanstion | S29GL512TxxFHX02  | [FBGA64]  | (1109) |
| Spanstion | S29GL512TxxFHXv1  | [FBGA64]  | (1109) |
| Spanstion | S29GL512TxxFHXv2  | [FBGA64]  | (1109) |
| Spanstion | S29GL512TxxGHx01  | [FBGA56]  | (2772) |
| Spanstion | S29GL512TxxGHx02  | [FBGA56]  | (2772) |
| Spanstion | S29GL512TxxTFx01  | [TSOP56]  | (3079) |
| Spanstion | S29GL512TxxTFx02  | [TSOP56]  | (3079) |
| Spanstion | S29GL512TxxTFx03  | [TSOP56]  | (3079) |
| Spanstion | S29GL512TxxTFxv1  | [TSOP56]  | (3079) |
| Spanstion | S29GL512TxxTFxv2  | [TSOP56]  | (3079) |
| Spanstion | S29JL032HxxBxx31  | [FBGA48]  | (959)  |
| Spanstion | S29JL032HxxBxx32  | [FBGA48]  | (959)  |
| Spanstion | S29JL032HxxTxx01  | [TSOP48]  | (1346) |
| Spanstion | S29JL032HxxTxx02  | [TSOP48]  | (1346) |
| Spanstion | S29JL032HxxTxx21  | [TSOP48]  | (1346) |
| Spanstion | S29JL032HxxTxx22  | [TSOP48]  | (1346) |
| Spanstion | S29JL032HxxTxx31  | [TSOP48]  | (1346) |
| Spanstion | S29JL032HxxTxx32  | [TSOP48]  | (1346) |
| Spanstion | S29JL032HxxTxx41  | [TSOP48]  | (1346) |
| Spanstion | S29JL032HxxTxx42  | [TSOP48]  | (1346) |
| Spanstion | S29JL032JxxBxx31  | [FBGA48]  | (959)  |
| Spanstion | S29JL032JxxBxx32  | [FBGA48]  | (959)  |
| Spanstion | S29JL032JxxTxx01  | [TSOP48]  | (1346) |
| Spanstion | S29JL032JxxTxx02  | [TSOP48]  | (1346) |
| Spanstion | S29JL032JxxTxx21  | [TSOP48]  | (1346) |
| Spanstion | S29JL032JxxTxx22  | [TSOP48]  | (1346) |
| Spanstion | S29JL032JxxTxx31  | [TSOP48]  | (1346) |
| Spanstion | S29JL032JxxTxx32  | [TSOP48]  | (1346) |
| Spanstion | S29JL032JxxTxx41  | [TSOP48]  | (1346) |
| Spanstion | S29JL032JxxTxx42  | [TSOP48]  | (1346) |
| Spanstion | S29JL064HxxBxx00  | [FBGA63]  | (3081) |
| Spanstion | S29JL064HxxTxx00  | [TSOP48]  | (1346) |
| Spanstion | S29JL064JxxBxx00  | [FBGA48]  | (959)  |
| Spanstion | S29JL064JxxTxx00  | [TSOP48]  | (1346) |
| Spanstion | S29NS016JxxB      | [FBGA44]  | (822)  |
| Spanstion | S29NS032JxxB      | [FBGA44]  | (822)  |
| Spanstion | S29NS064JxxB      | [FBGA44]  | (723)  |
| Spanstion | S29NS064NxxBj     | [FBGA44]  | (822)  |
| Spanstion | S29NS128JxxB      | [FBGA48]  | (724)  |
| Spanstion | S29NS128NxxBj     | [FBGA44]  | (723)  |
| Spanstion | S29NS128PxxBjxxxx | [VFBGA44] | (822)  |
| Spanstion | S29NS128RxxBHWxxx | [FBGA44]  | (822)  |
| Spanstion | S29NS256NxxBj     | [FBGA48]  | (724)  |
| Spanstion | S29NS256PxxBjxxxx | [VFBGA44] | (822)  |
| Spanstion | S29NS256RxxBHWxxx | [FBGA44]  | (822)  |
| Spanstion | S29NS512PxxBjxxxx | [VFBGA64] | (1095) |
| Spanstion | S29NS512RxxBHX00x | [VFBGA64] | (1095) |
| Spanstion | S29PL032JxxBxx12  | [FBGA48]  | (959)  |
| Spanstion | S29PL064JxxBxx12  | [FBGA48]  | (959)  |
| Spanstion | S29PL127JxxBxx00  | [FBGA80]  | (668)  |
| Spanstion | S29PL127JxxBxx01  | [FBGA80]  | (3302) |
| Spanstion | S29PL127JxxBxx02  | [FBGA64]  | (513)  |
| Spanstion | S29PL127JxxTxx13  | [TSOP56]  | (1406) |
| Spanstion | S29PL127NxxF      | [FBGA64]  | (1319) |
| Spanstion | S29PL127NxxG      | [FBGA64]  | (757)  |
| Spanstion | S29PL129NxxGxxxw0 | [FBGA64]  | (513)  |
| Spanstion | S29PL256NxxF      | [FBGA64]  | (1319) |
| Spanstion | S29PL256NxxG      | [FBGA84]  | (692)  |
| Spanstion | S29VS016KxxBjW00  | [FBGA44]  | (822)  |
| Spanstion | S29VS016KxxBjW01  | [FBGA44]  | (822)  |
| Spanstion | S29VS032KxxBjW00  | [FBGA44]  | (822)  |
| Spanstion | S29VS032KxxBjW01  | [FBGA44]  | (822)  |
| Spanstion | S29VS032RxxBHW00  | [FBGA44]  | (652)  |
| Spanstion | S29VS032RxxBHW01  | [FBGA44]  | (652)  |
| Spanstion | S29VS064KxxBjW00  | [FBGA44]  | (822)  |
| Spanstion | S29VS064KxxBjW01  | [FBGA44]  | (822)  |
| Spanstion | S29VS064RxxBHI00  | [FBGA44]  | (652)  |
| Spanstion | S29VS064RxxBHI01  | [FBGA44]  | (652)  |
| Spanstion | S29VS064RxxBHW00  | [FBGA44]  | (652)  |
| Spanstion | S29VS064RxxBHW01  | [FBGA44]  | (652)  |
| Spanstion | S29VS128RxxBHI00  | [FBGA44]  | (822)  |
| Spanstion | S29VS128RxxBHI01  | [FBGA44]  | (822)  |
| Spanstion | S29VS128RxxBHW00  | [FBGA44]  | (822)  |
| Spanstion | S29VS128RxxBHW01  | [FBGA44]  | (822)  |
| Spanstion | S29VS256RxxBHI00  | [FBGA44]  | (822)  |
| Spanstion | S29VS256RxxBHI01  | [FBGA44]  | (822)  |
| Spanstion | S29VS256RxxBHW00  | [FBGA44]  | (822)  |
| Spanstion | S29VS256RxxBHW01  | [FBGA44]  | (822)  |
| Spanstion | S29WS064JxxB      | [FBGA80]  | (819)  |
| Spanstion | S29WS064RxxBHX00  | [FBGA84]  | (990)  |
| Spanstion | S29WS064RxxBHX01  | [FBGA84]  | (990)  |
| Spanstion | S29WS128JxxB      | [FBGA84]  | (692)  |

|           |                  |                      |                                          |
|-----------|------------------|----------------------|------------------------------------------|
| Spanstion | S29WS128NxxBAX01 | [FBGA84]             | (692)                                    |
| Spanstion | S29WS128NxxBAX11 | [FBGA84]             | (692)                                    |
| Spanstion | S29WS128NxxBFX01 | [FBGA84]             | (692)                                    |
| Spanstion | S29WS128NxxBFX11 | [FBGA84]             | (692)                                    |
| Spanstion | S29WS128PxxBAX00 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS128PxxBFX00 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS128RxxBxx00 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS128RxxBxx20 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS128RxxBxx40 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS256NxxBAX01 | [FBGA84]             | (692)                                    |
| Spanstion | S29WS256NxxBAX11 | [FBGA84]             | (692)                                    |
| Spanstion | S29WS256NxxBFX01 | [FBGA84]             | (692)                                    |
| Spanstion | S29WS256NxxBFX11 | [FBGA84]             | (692)                                    |
| Spanstion | S29WS256PxxBAX00 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS256PxxBFX00 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS256RxxBxx00 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS256RxxBxx20 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS256RxxBxx40 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS512PxxBAX00 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS512PxxBFX00 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS512RxxBxx00 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS512RxxBxx20 | [FBGA84]             | (990)                                    |
| Spanstion | S29WS512RxxBxx40 | [FBGA84]             | (990)                                    |
| Spanstion | S29XS064RxxBHI00 | [FBGA44]             | (652)                                    |
| Spanstion | S29XS064RxxBHI01 | [FBGA44]             | (652)                                    |
| Spanstion | S29XS064RxxBHW00 | [FBGA44]             | (652)                                    |
| Spanstion | S29XS064RxxBHW01 | [FBGA44]             | (652)                                    |
| Spanstion | S29XS128RxxBHI00 | [FBGA44]             | (822)                                    |
| Spanstion | S29XS128RxxBHI01 | [FBGA44]             | (822)                                    |
| Spanstion | S29XS128RxxBHW00 | [FBGA44]             | (822)                                    |
| Spanstion | S29XS128RxxBHW01 | [FBGA44]             | (822)                                    |
| Spanstion | S29XS256RxxBHI00 | [FBGA44]             | (822)                                    |
| Spanstion | S29XS256RxxBHI01 | [FBGA44]             | (822)                                    |
| Spanstion | S29XS256RxxBHW00 | [FBGA44]             | (822)                                    |
| Spanstion | S29XS256RxxBHW01 | [FBGA44]             | (822)                                    |
| Spanstion | S30ML01GP30Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML01GP30Txx50 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML01GP50Txx01 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML01GP50Txx51 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML02GP30Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML02GP30Txx50 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML02GP50Txx01 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML02GP50Txx51 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML128P30Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML128P30Txx50 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML128P50Txx01 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML128P50Txx51 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML256P30Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML256P30Txx50 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML256P50Txx01 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML256P50Txx51 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML512P30Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML512P30Txx50 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML512P50Txx01 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30ML512P50Txx51 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS01GP25Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS01GP25Txx01 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS01GP25Txx50 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS01GP25Txx51 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS01GR25Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS01GR25Txx01 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS01GR25Txx10 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS01GR25Txx11 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS01GR25Txx20 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS01GR25Txx21 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS02GR25Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS02GR25Txx01 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS02GR25Txx10 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS02GR25Txx11 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS02GR25Txx20 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS02GR25Txx21 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS04GR25Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS04GR25Txx01 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS04GR25Txx10 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS04GR25Txx11 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS04GR25Txx20 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS04GR25Txx21 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS512P25Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS512P25Txx01 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS512P25Txx50 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS512P25Txx51 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS512R25Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS512R25Txx01 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS512R25Txx10 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS512R25Txx11 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS512R25Txx20 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S30MS512R25Txx21 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S34ML01G100Bxx00 | [BGA63]              | (2690) (*1)                              |
| Spanstion | S34ML01G100Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S34ML01G100Txx00 | (HPR-01)<br>(JQR-01) | (1266) (9999) (*1)<br>(1266) (9999) (*1) |
| Spanstion | S34ML01G200Bxx00 | [BGA63]              | (2690) (*1)                              |
| Spanstion | S34ML01G200Bxx00 | [BGA63] (EMP-02)     | (2690) (9999) (*1)                       |
| Spanstion | S34ML01G200Bxx00 | [BGA63] (EPS-10)     | (2690) (9999) (*1)                       |
| Spanstion | S34ML01G200Bxx00 | [BGA63] (EPS-7)      | (2690) (9999) (*1)                       |
| Spanstion | S34ML01G200Gxx00 | [BGA67]              | (3126)                                   |
| Spanstion | S34ML01G200Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S34ML01G200Txx00 | [TSOP48] (LGE-45)    | (1266) (*1)                              |
| Spanstion | S34ML01G200Txx00 | [TSOP48] (LGE-63)    | (1266) (*1)                              |
| Spanstion | S34ML01G204Txx01 | [TSOP48]             | (1267) (*1)                              |
| Spanstion | S34ML01G204Txx01 | [TSOP48] (AM3-01)    | (1267) (*1)                              |
| Spanstion | S34ML02G100Bxx00 | [BGA63]              | (2690) (*1)                              |
| Spanstion | S34ML02G100Bxx00 | [BGA63] (BCH8-1)     | (2690) (9999) (*1)                       |
| Spanstion | S34ML02G100Bxx00 | [BGA63] (EPS-10)     | (2690) (9999) (*1)                       |
| Spanstion | S34ML02G100Bxx00 | [BGA63] (STM-061)    | (2690) (*1)                              |
| Spanstion | S34ML02G100Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S34ML02G104Bxx01 | [BGA63]              | (2690) (*1)                              |
| Spanstion | S34ML02G104Txx01 | [TSOP48]             | (1267) (*1)                              |
| Spanstion | S34ML02G200Bxx00 | [BGA63]              | (2690) (*1)                              |
| Spanstion | S34ML02G200Bxx00 | [BGA63] (BCH8-1)     | (2690) (9999) (*1)                       |
| Spanstion | S34ML02G200Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S34ML02G200Txx00 | [TSOP48] (LGE-54)    | (1266) (*1)                              |
| Spanstion | S34ML02G204Txx01 | [TSOP48]             | (1267) (*1)                              |
| Spanstion | S34ML04G100Bxx00 | [BGA63]              | (2690) (*1)                              |
| Spanstion | S34ML04G100Bxx00 | [BGA63] (STM-061)    | (2690) (*1)                              |
| Spanstion | S34ML04G100Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S34ML04G100Txx00 | [TSOP48] (KJL-01)    | (1266) (*1)                              |
| Spanstion | S34ML04G104Bxx01 | [BGA63]              | (2690) (*1)                              |
| Spanstion | S34ML04G200Bxx00 | [BGA63]              | (2690) (*1)                              |
| Spanstion | S34ML04G200Bxx00 | [BGA63] (ELS-01)     | (2690) (*1)                              |
| Spanstion | S34ML04G200Txx00 | [TSOP48]             | (1266) (*1)                              |
| Spanstion | S34ML04G200Txx00 | [TSOP48] (LGE-61)    | (1266) (*1)                              |
| Spanstion | S34ML04G200Txx00 | [TSOP48] (LGE-68)    | (1266) (*1)                              |
| Spanstion | S34ML04G204Bxx01 | [BGA63]              | (3121)                                   |
| Spanstion | S34ML04G300Bxx00 | [BGA63]              | (2690) (9999) (*1)                       |
| Spanstion | S34ML04G300Bxx10 | [BGA63]              | (2690) (9999) (*1)                       |
| Spanstion | S34ML04G300Txx00 | [TSOP48]             | (1266) (9999) (*1)                       |
| Spanstion | S34ML04G300Txx10 | [TSOP48]             | (1266) (9999) (*1)                       |

|           |                  |                     |                    |
|-----------|------------------|---------------------|--------------------|
| Spanstion | S34ML08G101Bxx00 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34ML08G101Txx00 | [TSOP48]            | (1456) (*1)        |
| Spanstion | S34ML08G101Txx20 | [TSOP48]            | (1456) (*1)        |
| Spanstion | S34ML08G201Bxx00 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34ML08G201Txx00 | [TSOP48]            | (1456) (*1)        |
| Spanstion | S34ML16G202Bxx00 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34ML16G202Txx00 | [TSOP48]            | (1456) (*1)        |
| Spanstion | S34MS01G100Bxx00 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34MS01G104Bxx01 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34MS01G200Bxx00 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34MS01G200Gxx00 | [BGA67]             | (3126)             |
| Spanstion | S34MS01G200Txx00 | [TSOP48]            | (1266) (*1)        |
| Spanstion | S34MS01G204Bxx01 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34MS01G204Txx01 | [TSOP48]            | (1267) (*1)        |
| Spanstion | S34MS02G100Bxx00 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34MS02G100Txx00 | [TSOP48]            | (1266) (*1)        |
| Spanstion | S34MS02G104Bxx01 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34MS02G104Bxx01 | [BGA63] (TI-DM37xx) | (2690) (*1)        |
| Spanstion | S34MS02G200Bxx00 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34MS02G200Txx00 | [TSOP48]            | (1266) (*1)        |
| Spanstion | S34MS02G200Txx00 | [TSOP48] (XMI-01)   | (1266) (9999) (*1) |
| Spanstion | S34MS02G204Bxx01 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34MS02G204Txx01 | [TSOP48]            | (1267) (*1)        |
| Spanstion | S34MS04G100Bxx00 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34MS04G100Txx00 | [TSOP48]            | (1266) (*1)        |
| Spanstion | S34MS04G200Bxx00 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34MS04G200Txx00 | [TSOP48]            | (1266) (*1)        |
| Spanstion | S34MS04G204Bxx01 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34MS04G204Txx01 | [TSOP48]            | (1267) (*1)        |
| Spanstion | S34MS08G201Bxx00 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34MS16G202Bxx00 | [BGA63]             | (2690) (*1)        |
| Spanstion | S34SL01G200Bxx00 | [BGA63]             | (2690) (9999) (*1) |
| Spanstion | S34SL02G200Bxx00 | [BGA63]             | (2690) (9999) (*1) |
| Spanstion | S34SL04G200Bxx00 | [BGA63]             | (2690) (9999) (*1) |
| Spanstion | S40410081B1B1x00 | [VFBGA153]          | (3178) (*1)        |
| Spanstion | S40410081B1B2x00 | [LBGA100]           | (2431) (*1)        |
| Spanstion | S40410161B1B1x01 | [VFBGA153]          | (3178) (*1)        |
| Spanstion | S40410161B1B2x01 | [LBGA100]           | (2431) (*1)        |
| Spanstion | S6E1A11B0AGN2    | [QFN32]             | (3573)             |
| Spanstion | S6E1A11B0AGP2    | [LQFP32]            | (3615)             |
| Spanstion | S6E1A11C0AGF2    | [LQFP52]            | (3039)             |
| Spanstion | S6E1A11C0AGN2    | [QFN48]             | (3049)             |
| Spanstion | S6E1A11C0AGV2    | [LQFP48]            | (2963)             |
| Spanstion | S6E1A12B0AGN2    | [QFN32]             | (3573)             |
| Spanstion | S6E1A12B0AGP2    | [LQFP32]            | (3615)             |
| Spanstion | S6E1A12C0AGF2    | [LQFP52]            | (3039)             |
| Spanstion | S6E1A12C0AGN2    | [QFN48]             | (3049)             |
| Spanstion | S6E1A12C0AGV2    | [LQFP48]            | (2963)             |
| Spanstion | S6E1C11B0AGP2    | [LQFP32]            | (4169)             |
| Spanstion | S6E1C11C0AGN2    | [QFN48]             | (4018)             |
| Spanstion | S6E1C11D0AGV2    | [LQFP64]            | (4170)             |
| Spanstion | S6E1C12B0AGP2    | [LQFP32]            | (4169)             |
| Spanstion | S6E1C12C0AGN2    | [QFN48]             | (4018)             |
| Spanstion | S6E1C12D0AGV2    | [LQFP64]            | (4170)             |
| Spanstion | S6E1C31B0AGP2    | [LQFP32]            | (4169)             |
| Spanstion | S6E1C31C0AGN2    | [QFN48]             | (4018)             |
| Spanstion | S6E1C31D0AGV2    | [LQFP64]            | (4170)             |
| Spanstion | S6E1C32B0AGP2    | [LQFP32]            | (4169)             |
| Spanstion | S6E1C32C0AGN2    | [QFN48]             | (4018)             |
| Spanstion | S6E1C32D0AGV2    | [LQFP64]            | (4170)             |
| Spanstion | S6E2C18H0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C18J0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C18J0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C18L0AGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C19H0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C19J0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C19J0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C19L0AGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C1AH0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C1AJ0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C1AJ0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C1AL0AGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C28H0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C28HHAGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C28J0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C28J0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C28JHAGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C28JHAGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C28L0AGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C28LHAGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C29H0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C29HHAGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C29J0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C29J0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C29JHAGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C29JHAGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C29L0AGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C29LHAGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C2AH0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C2AHHAGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C2AJ0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C2AJ0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C2AJHAGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C2AJHAGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C2AL0AGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C2ALHAGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C38H0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C38J0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C38J0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C38L0AGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C39H0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C39J0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C39J0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C39L0AGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C3AH0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C3AJ0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C3AJ0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C3AL0AGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C48H0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C48J0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C48J0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C48L0AGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C49H0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C49J0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C49J0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C49L0AGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C4AH0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C4AJ0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C4AJ0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C4AL0AGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C58H0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C58J0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C58J0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C58L0AGL2    | [LQFP216]           | (4346)             |
| Spanstion | S6E2C59H0AGV2    | [LQFP144]           | (4302)             |
| Spanstion | S6E2C59J0AGB1    | [PFBGA192]          | (4444)             |
| Spanstion | S6E2C59J0AGV2    | [LQFP176]           | (4345)             |
| Spanstion | S6E2C59L0AGL2    | [LQFP216]           | (4346)             |

|           |                  |            |              |
|-----------|------------------|------------|--------------|
| Spanstion | S6E2C5AH0AGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2C5AJ0AGB1    | [PFBGA192] | (4444)       |
| Spanstion | S6E2C5AJ0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2C5AJFAGB1    | [PFBGA192] | (4444)       |
| Spanstion | S6E2C5AL0AGL2    | [LQFP216]  | (4346)       |
| Spanstion | S6E2CC8H0AGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2CC8HHAGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2CC8J0AGB1    | [PFBGA192] | (4444)       |
| Spanstion | S6E2CC8J0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2CC8JFAGB1    | [PFBGA192] | (4444)       |
| Spanstion | S6E2CC8JGAGB1    | [PFBGA192] | (4444)       |
| Spanstion | S6E2CC8JHAGB1    | [PFBGA192] | (4444)       |
| Spanstion | S6E2CC8JHAGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2CC8L0AGL2    | [LQFP216]  | (4346)       |
| Spanstion | S6E2CC8LHAGL2    | [LQFP216]  | (4346)       |
| Spanstion | S6E2CC9H0AGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2CC9HHAGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2CC9J0AGB1    | [PFBGA192] | (4444)       |
| Spanstion | S6E2CC9J0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2CC9JHAGB1    | [PFBGA192] | (4444)       |
| Spanstion | S6E2CC9JHAGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2CC9L0AGL2    | [LQFP216]  | (4346)       |
| Spanstion | S6E2CC9LHAGL2    | [LQFP216]  | (4346)       |
| Spanstion | S6E2CCA0AGV2     | [LQFP144]  | (4302)       |
| Spanstion | S6E2CCAHHAGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2CCAJ0AGB1    | [PFBGA192] | (4444)       |
| Spanstion | S6E2CCAJ0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2CCAJGAGB1    | [PFBGA192] | (4444)       |
| Spanstion | S6E2CCAJGAGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2CCAJHAGB1    | [PFBGA192] | (4444)       |
| Spanstion | S6E2CCAJHAGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2CCAL0AGL2    | [LQFP216]  | (4346)       |
| Spanstion | S6E2CCALHAGL2    | [LQFP216]  | (4346)       |
| Spanstion | S6E2G26H0AGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2G26HHAGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2G26J0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2G26JHAGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2G28H0AGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2G28HHAGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2G28J0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2G28JHAGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2G36H0AGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2G36J0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2G38H0AGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2G38J0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2GH6H0AGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2GH6J0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2GH8H0AGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2GH8J0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2GK6H0AGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2GK6HHAGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2GK6J0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2GK6JHAGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2GK8H0AGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2GK8HHAGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2GK8J0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2GK8JHAGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2GM6H0AGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2GM6HHAGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2GM6J0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2GM6JHAGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2GM8H0AGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2GM8HHAGV2    | [LQFP144]  | (4302)       |
| Spanstion | S6E2GM8J0AGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2GM8JHAGV2    | [LQFP176]  | (4345)       |
| Spanstion | S6E2H14E0AGV2    | [LQFP80]   | (4145)       |
| Spanstion | S6E2H14F0AGV2    | [LQFP100]  | (4019)       |
| Spanstion | S6E2H14G0AGB3    | [FBGA121]  | (4146)       |
| Spanstion | S6E2H14G0AGV2    | [LQFP120]  | (3826)       |
| Spanstion | S6E2H16E0AGV2    | [LQFP80]   | (4145)       |
| Spanstion | S6E2H16F0AGV2    | [LQFP100]  | (4019)       |
| Spanstion | S6E2H16G0AGB3    | [FBGA121]  | (4146)       |
| Spanstion | S6E2H16G0AGV2    | [LQFP120]  | (3826)       |
| Spanstion | S6E2H44E0AGV2    | [LQFP80]   | (4145)       |
| Spanstion | S6E2H44F0AGV2    | [LQFP100]  | (4019)       |
| Spanstion | S6E2H44G0AGB3    | [FBGA121]  | (4146)       |
| Spanstion | S6E2H44G0AGV2    | [LQFP120]  | (3826)       |
| Spanstion | S6E2H46E0AGV2    | [LQFP80]   | (4145)       |
| Spanstion | S6E2H46F0AGV2    | [LQFP100]  | (4019)       |
| Spanstion | S6E2H46G0AGB3    | [FBGA121]  | (4146)       |
| Spanstion | S6E2H46G0AGV2    | [LQFP120]  | (3826)       |
| Spanstion | S6E2HE4E0AGV2    | [LQFP80]   | (4145)       |
| Spanstion | S6E2HE4F0AGV2    | [LQFP100]  | (4019)       |
| Spanstion | S6E2HE4G0AGB3    | [FBGA121]  | (4146)       |
| Spanstion | S6E2HE4G0AGV2    | [LQFP120]  | (3826)       |
| Spanstion | S6E2HE6E0AGV2    | [LQFP80]   | (4145)       |
| Spanstion | S6E2HE6F0AGV2    | [LQFP100]  | (4019)       |
| Spanstion | S6E2HE6G0AGB3    | [FBGA121]  | (4146)       |
| Spanstion | S6E2HE6G0AGV2    | [LQFP120]  | (3826)       |
| Spanstion | S6E2HG4E0AGV2    | [LQFP80]   | (4145)       |
| Spanstion | S6E2HG4F0AGV2    | [LQFP100]  | (4019)       |
| Spanstion | S6E2HG4G0AGB3    | [FBGA121]  | (4146)       |
| Spanstion | S6E2HG4G0AGV2    | [LQFP120]  | (3826)       |
| Spanstion | S6E2HG6E0AGV2    | [LQFP80]   | (4145)       |
| Spanstion | S6E2HG6F0AGV2    | [LQFP100]  | (4019)       |
| Spanstion | S6E2HG6G0AGB3    | [FBGA121]  | (4146)       |
| Spanstion | S6E2HG6G0AGV2    | [LQFP120]  | (3826)       |
| Spanstion | S70FL01GSxxBxxC1 | [BGA24]    | (1343) (*1)  |
| Spanstion | S70FL01GSxxBxxC1 | [BGA24]    | (3122)       |
| Spanstion | S70FL01GSxxMxx01 | [SO16]     | (3101) (*1)  |
| Spanstion | S70FL01GSxxMxx01 | [SO16]     | (3100) (*1)  |
| Spanstion | S70FL01GSxxxxx01 | (ISP)      | (138) (9997) |
| Spanstion | S70FL256PxxBxx20 | [BGA24]    | (1343) (*1)  |
| Spanstion | S70FL256PxxBxx21 | [BGA24]    | (1343) (*1)  |
| Spanstion | S70FL256PxxMxx00 | [SO16]     | (3101) (*1)  |
| Spanstion | S70FL256PxxMxx01 | [SO16]     | (3101) (*1)  |
| Spanstion | S70FL512SxxBxx21 | [BGA24]    | (1343) (*1)  |
| Spanstion | S70FL512SxxMxx01 | [SO16]     | (3101) (*1)  |
| Spanstion | S70FS01GSxxBxx21 | [BGA24]    | (3122)       |
| Spanstion | S70FS01GSxxMxx01 | [SO16]     | (3100) (*1)  |
| Spanstion | S70FS01GSxxxxx01 | (ISP)      | (138) (9997) |
| Spanstion | S70GL02GSxxFxx01 | [FBGA64]   | (2599)       |
| Spanstion | S70GL02GSxxFxx02 | [FBGA64]   | (2599)       |
| Spanstion | S70GL02GSxxFxxv1 | [FBGA64]   | (2599)       |
| Spanstion | S70GL02GSxxFxxv2 | [FBGA64]   | (2599)       |
| Spanstion | S70GL02GTxxFHX01 | [FBGA64]   | (2599)       |
| Spanstion | S70JL128H00      | [FBGA63]   | (3081)       |
| Spanstion | S70PL254JxxBxxA  | [FBGA84]   | (692)        |
| Spanstion | S71AL016D02BxxB  | [FBGA56]   | (570)        |
| Spanstion | S71AL016D02BxxT  | [FBGA56]   | (570)        |
| Spanstion | S71AL016M40Bxx0B | [FBGA56]   | (570)        |
| Spanstion | S71AL016M40Bxx0F | [FBGA56]   | (570)        |
| Spanstion | S71GL016A40Bxx1J | [FBGA56]   | (570)        |
| Spanstion | S71GL016A40Bxx3J | [FBGA56]   | (570)        |
| Spanstion | S71GL032A08Bxx0B | [FBGA56]   | (570)        |
| Spanstion | S71GL032A08Bxx0F | [FBGA56]   | (570)        |
| Spanstion | S71GL032A40Bxx0B | [FBGA56]   | (570)        |
| Spanstion | S71GL032A40Bxx0F | [FBGA56]   | (570)        |

|           |                   |           |        |
|-----------|-------------------|-----------|--------|
| Spanstion | S71GL032A80Bxx0K  | [FBGA56]  | (570)  |
| Spanstion | S71GL032A80Bxx0P  | [FBGA56]  | (570)  |
| Spanstion | S71GL032AA0Bxx0U  | [FBGA56]  | (570)  |
| Spanstion | S71GL032AA0Bxx0Z  | [FBGA56]  | (570)  |
| Spanstion | S71GL032N40BFW0Kx | [FBGA56]  | (570)  |
| Spanstion | S71GL032N40BFW0Px | [FBGA56]  | (570)  |
| Spanstion | S71GL032N40BHW0Kx | [FBGA56]  | (570)  |
| Spanstion | S71GL032N40BHW0Px | [FBGA56]  | (570)  |
| Spanstion | S71GL032N80BFW0Kx | [FBGA56]  | (570)  |
| Spanstion | S71GL032N80BFW0Px | [FBGA56]  | (570)  |
| Spanstion | S71GL032N80BHW0Kx | [FBGA56]  | (570)  |
| Spanstion | S71GL032N80BHW0Px | [FBGA56]  | (570)  |
| Spanstion | S71GL032NA0BFW0Ux | [FBGA56]  | (570)  |
| Spanstion | S71GL032NA0BFW0Zx | [FBGA56]  | (570)  |
| Spanstion | S71GL032NA0BHW0Bx | [FBGA56]  | (570)  |
| Spanstion | S71GL032NA0BHW0Fx | [FBGA56]  | (570)  |
| Spanstion | S71GL032NA0BHW0Kx | [FBGA56]  | (570)  |
| Spanstion | S71GL032NA0BHW0Px | [FBGA56]  | (570)  |
| Spanstion | S71GL032NA0BHW0Ux | [FBGA56]  | (570)  |
| Spanstion | S71GL032NA0BHW0Zx | [FBGA56]  | (570)  |
| Spanstion | S71GL064A08Bxx0B  | [FBGA56]  | (570)  |
| Spanstion | S71GL064A08Bxx0F  | [FBGA56]  | (570)  |
| Spanstion | S71GL064A0ABxx0B  | [FBGA56]  | (570)  |
| Spanstion | S71GL064A80Bxx0K  | [FBGA56]  | (570)  |
| Spanstion | S71GL064A80Bxx0P  | [FBGA56]  | (570)  |
| Spanstion | S71GL064AA0Bxx0F  | [FBGA56]  | (570)  |
| Spanstion | S71GL064AA0Bxx0K  | [FBGA56]  | (570)  |
| Spanstion | S71GL064AA0Bxx0P  | [FBGA56]  | (570)  |
| Spanstion | S71GL064AA0Bxx0U  | [FBGA56]  | (570)  |
| Spanstion | S71GL064AA0Bxx0Z  | [FBGA56]  | (570)  |
| Spanstion | S71GL064AB0Bxx0U  | [FBGA56]  | (570)  |
| Spanstion | S71GL064AB0Bxx0Z  | [FBGA56]  | (570)  |
| Spanstion | S71GL064NA0BFx0U  | [FBGA56]  | (570)  |
| Spanstion | S71GL064NA0BFx0Z  | [FBGA56]  | (570)  |
| Spanstion | S71GL064NA0BHX0B  | [FBGA56]  | (570)  |
| Spanstion | S71GL064NA0BHX0F  | [FBGA56]  | (570)  |
| Spanstion | S71GL064NA0BHX0U  | [FBGA56]  | (570)  |
| Spanstion | S71GL064NA0BHX0Z  | [FBGA56]  | (570)  |
| Spanstion | S71GL064NB0BFx0U  | [FBGA56]  | (570)  |
| Spanstion | S71GL064NB0BFx0Z  | [FBGA56]  | (570)  |
| Spanstion | S71GL064NB0BHX0K  | [FBGA56]  | (570)  |
| Spanstion | S71GL064NB0BHX0P  | [FBGA56]  | (570)  |
| Spanstion | S71GL064NB0BHX0U  | [FBGA56]  | (570)  |
| Spanstion | S71GL064NB0BHX0Z  | [FBGA56]  | (570)  |
| Spanstion | S71GL128NB0Bxx9   | [FBGA64]  | (757)  |
| Spanstion | S71GL128NB0BxxA   | [FBGA84]  | (692)  |
| Spanstion | S71GL128NC0BxxA   | [FBGA84]  | (692)  |
| Spanstion | S71GL128PC0HH30   | [FBGA84]  | (692)  |
| Spanstion | S71GL128PC0HH31   | [FBGA84]  | (692)  |
| Spanstion | S71GL256NB0BxxA   | [FBGA84]  | (692)  |
| Spanstion | S71GL256NC0BxxA   | [FBGA84]  | (692)  |
| Spanstion | S71GL512NB0BxxE   | [FBGA84]  | (821)  |
| Spanstion | S71GL512NC0BxxE   | [FBGA84]  | (821)  |
| Spanstion | S71JL064H80Bxx01  | [FBGA73]  | (513)  |
| Spanstion | S71JL064H80Bxx02  | [FBGA73]  | (513)  |
| Spanstion | S71JL064H80Bxx10  | [FBGA73]  | (513)  |
| Spanstion | S71JL064H80Bxx11  | [FBGA73]  | (513)  |
| Spanstion | S71JL064H80Bxx12  | [FBGA73]  | (513)  |
| Spanstion | S71JL064HA0Bxx01  | [FBGA73]  | (513)  |
| Spanstion | S71JL064HA0Bxx02  | [FBGA73]  | (513)  |
| Spanstion | S71JL064HA0Bxx10  | [FBGA73]  | (513)  |
| Spanstion | S71JL064HA0Bxx11  | [FBGA73]  | (513)  |
| Spanstion | S71JL064HA0Bxx12  | [FBGA73]  | (513)  |
| Spanstion | S71JL064HA0Bxx62  | [FBGA73]  | (513)  |
| Spanstion | S71JL128HB0Bxx01  | [FBGA73]  | (513)  |
| Spanstion | S71JL128HB0Bxx02  | [FBGA73]  | (513)  |
| Spanstion | S71KL256SxxBxx00  | [BGA24]   | (4392) |
| Spanstion | S71KL512SxxBxx00  | [BGA24]   | (4392) |
| Spanstion | S71KS256SxxBxx00  | [BGA24]   | (4392) |
| Spanstion | S71KS512SxxBxx00  | [BGA24]   | (4392) |
| Spanstion | S71NS032JA0BH     | [FBGA52]  | (2327) |
| Spanstion | S71NS032JA0BJ     | [FBGA56]  | (723)  |
| Spanstion | S71NS032JB0BJ     | [FBGA56]  | (723)  |
| Spanstion | S71NS064JA0BJXR   | [VFBGA56] | (723)  |
| Spanstion | S71NS064N80BJXR   | [VFBGA56] | (723)  |
| Spanstion | S71NS064NA0BJXR   | [VFBGA56] | (723)  |
| Spanstion | S71NS064NB0BJXU   | [VFBGA56] | (723)  |
| Spanstion | S71NS128NA0BJXR   | [VFBGA56] | (723)  |
| Spanstion | S71NS128NA0BJXS   | [FBGA44]  | (723)  |
| Spanstion | S71NS128NB0BJXR   | [VFBGA56] | (723)  |
| Spanstion | S71NS128NC0BJXR   | [VFBGA56] | (723)  |
| Spanstion | S71NS128PB0ZJExxx | [VFBGA56] | (723)  |
| Spanstion | S71NS128PC0ZJExxx | [VFBGA56] | (723)  |
| Spanstion | S71NS128RA0AHAXxx | [FBGA44]  | (822)  |
| Spanstion | S71NS256NB0BJxv   | [VFBGA60] | (724)  |
| Spanstion | S71NS256NC0BJxv   | [VFBGA60] | (724)  |
| Spanstion | S71NS256PB0ZJExxx | [VFBGA56] | (723)  |
| Spanstion | S71NS256PC0ZJExxx | [VFBGA56] | (723)  |
| Spanstion | S71NS256RB0AHAXxx | [FBGA44]  | (822)  |
| Spanstion | S71NS512PD0ZHEHxx | [VFBGA56] | (723)  |
| Spanstion | S71NS512RD0ZHEHxx | [FBGA56]  | (723)  |
| Spanstion | S71PL032J04Bxx0   | [FBGA56]  | (570)  |
| Spanstion | S71PL032J04BxxQ   | [FBGA56]  | (570)  |
| Spanstion | S71PL032J08Bxx0   | [FBGA56]  | (570)  |
| Spanstion | S71PL032J08BxxQ   | [FBGA56]  | (570)  |
| Spanstion | S71PL032J40Bxx0   | [FBGA56]  | (570)  |
| Spanstion | S71PL032J40BxxQ   | [FBGA56]  | (570)  |
| Spanstion | S71PL032J80Bxx0   | [FBGA56]  | (570)  |
| Spanstion | S71PL032J80BxxQ   | [FBGA56]  | (570)  |
| Spanstion | S71PL032JA0Bxx0   | [FBGA56]  | (570)  |
| Spanstion | S71PL032JA0BxxQ   | [FBGA56]  | (570)  |
| Spanstion | S71PL064J08Bxx0   | [FBGA56]  | (570)  |
| Spanstion | S71PL064J0ABxx0   | [FBGA56]  | (570)  |
| Spanstion | S71PL064J80Bxx0   | [FBGA56]  | (570)  |
| Spanstion | S71PL064JA0Bxx0   | [FBGA56]  | (570)  |
| Spanstion | S71PL064JB0Bxx0   | [FBGA56]  | (570)  |
| Spanstion | S71PL127JB0Bxx9   | [FBGA64]  | (513)  |
| Spanstion | S71PL127JC0Bxx9   | [FBGA64]  | (513)  |
| Spanstion | S71PL127NB0H      | [FBGA64]  | (513)  |
| Spanstion | S71PL127NC0H      | [FBGA64]  | (513)  |
| Spanstion | S71PL129JA0Bxx9   | [FBGA64]  | (758)  |
| Spanstion | S71PL129JB0Bxx9   | [FBGA64]  | (758)  |
| Spanstion | S71PL129JC0Bxx9   | [FBGA64]  | (758)  |
| Spanstion | S71PL129NB0Hxx4   | [FBGA64]  | (513)  |
| Spanstion | S71PL129NC0Hxx4   | [FBGA64]  | (513)  |
| Spanstion | S71PL254JC0BxxT   | [FBGA84]  | (692)  |
| Spanstion | S71PL256NC0H      | [FBGA84]  | (692)  |
| Spanstion | S71PL256ND0H      | [FBGA84]  | (692)  |
| Spanstion | S71PL512ND0xxx5B  | [FBGA84]  | (692)  |
| Spanstion | S71VS032K80ZJK01  | [FBGA56]  | (822)  |
| Spanstion | S71VS032K80ZJK03  | [FBGA56]  | (822)  |
| Spanstion | S71VS032K80ZJK11  | [FBGA56]  | (822)  |
| Spanstion | S71VS032K80ZJK13  | [FBGA56]  | (822)  |
| Spanstion | S71VS032KA0ZJK09  | [FBGA56]  | (822)  |
| Spanstion | S71VS032KA0ZJK0B  | [FBGA56]  | (822)  |
| Spanstion | S71VS032KA0ZJK19  | [FBGA56]  | (822)  |
| Spanstion | S71VS032KA0ZJK1B  | [FBGA56]  | (822)  |
| Spanstion | S71VS064KA0ZJK01  | [FBGA56]  | (822)  |

|           |                    |                        |             |
|-----------|--------------------|------------------------|-------------|
| Spanstion | S71VS064KA0ZJK03   | [FBGA56]               | (822)       |
| Spanstion | S71VS064KA0ZJK11   | [FBGA56]               | (822)       |
| Spanstion | S71VS064KA0ZJK13   | [FBGA56]               | (822)       |
| Spanstion | S71VS064KB0ZJK09   | [FBGA56]               | (822)       |
| Spanstion | S71VS064KB0ZJK08   | [FBGA56]               | (822)       |
| Spanstion | S71VS064KB0ZJK19   | [FBGA56]               | (822)       |
| Spanstion | S71VS064KB0ZJK18   | [FBGA56]               | (822)       |
| Spanstion | S71VS064RB0AHT00   | [FBGA52]               | (652)       |
| Spanstion | S71VS064RB0AHT04   | [FBGA52]               | (652)       |
| Spanstion | S71VS064RB0AHT0L   | [FBGA52]               | (2327)      |
| Spanstion | S71VS064RB0AHT0M   | [FBGA52]               | (2327)      |
| Spanstion | S71VS064RB0AHT3L   | [FBGA52]               | (2327)      |
| Spanstion | S71VS064RB0AHT3M   | [FBGA52]               | (2327)      |
| Spanstion | S71VS064RB0AHT4L   | [FBGA52]               | (2327)      |
| Spanstion | S71VS064RB0AHT80   | [FBGA52]               | (652)       |
| Spanstion | S71VS064RB0AHT84   | [FBGA52]               | (652)       |
| Spanstion | S71VS064RB0AHT8L   | [FBGA52]               | (2327)      |
| Spanstion | S71VS064RB0AHT8M   | [FBGA52]               | (2327)      |
| Spanstion | S71VS064RB0AHTBL   | [FBGA52]               | (2327)      |
| Spanstion | S71VS064RB0AHTBM   | [FBGA52]               | (2327)      |
| Spanstion | S71VS064RB0AHTCL   | [FBGA52]               | (2327)      |
| Spanstion | S71VS128RB0AHK0L   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RB0AHK2L   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RB0AHK3L   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RB0AHK4L   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RB0AHK8L   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RB0AHKAL   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RB0AHKBL   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RB0AHKCL   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RC0AHK20   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RC0AHK4L   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RC0AHKCL   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RC0ZHk20   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RC0ZHk24   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RC0ZHk2L   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RC0ZHKA0   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RC0ZHKA4   | [FBGA56]               | (822)       |
| Spanstion | S71VS128RC0ZHKAAL  | [FBGA56]               | (822)       |
| Spanstion | S71VS256RC0AHK4L   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RC0AHKCL   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RC0ZHk20   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RC0ZHk24   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RC0ZHk2L   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RC0ZHKA0   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RC0ZHKA4   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RC0ZHKAAL  | [FBGA56]               | (822)       |
| Spanstion | S71VS256RD0AHK3C   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RD0AHK3L   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RD0AHK3M   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RD0AHK40   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RD0AHKBC   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RD0AHKBL   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RD0AHKCO   | [FBGA56]               | (822)       |
| Spanstion | S71VS256RD0ZHE40   | [VFBGA56]              | (723)       |
| Spanstion | S71VS256RD0ZHE44   | [VFBGA56]              | (723)       |
| Spanstion | S71VS256RD0ZHE48   | [VFBGA56]              | (723)       |
| Spanstion | S71VS256RD0ZHEC0   | [VFBGA56]              | (723)       |
| Spanstion | S71VS256RD0ZHEC4   | [VFBGA56]              | (723)       |
| Spanstion | S71VS256RD0ZHEC8   | [VFBGA56]              | (723)       |
| Spanstion | S71WS064JA0BAW2    | [FBGA80]               | (819)       |
| Spanstion | S71WS064JA0BFW2    | [FBGA80]               | (819)       |
| Spanstion | S71WS064JB0BAW2    | [FBGA80]               | (819)       |
| Spanstion | S71WS064JB0BFW2    | [FBGA80]               | (819)       |
| Spanstion | S71WS128JA0BAWA    | [FBGA84]               | (692)       |
| Spanstion | S71WS128JA0BFWA    | [FBGA84]               | (692)       |
| Spanstion | S71WS128JB0BAWA    | [FBGA84]               | (692)       |
| Spanstion | S71WS128JB0BFWA    | [FBGA84]               | (692)       |
| Spanstion | S71WS128JC0BAWA    | [FBGA84]               | (692)       |
| Spanstion | S71WS128JC0BFWA    | [FBGA84]               | (692)       |
| Spanstion | S71WS128NB0BAXA    | [FBGA84]               | (692)       |
| Spanstion | S71WS128NB0BFXA    | [FBGA84]               | (692)       |
| Spanstion | S71WS128NC0BAXA    | [FBGA84]               | (692)       |
| Spanstion | S71WS128NC0BFXA    | [FBGA84]               | (692)       |
| Spanstion | S71WS128PB0HF3S    | [FBGA84]               | (990)       |
| Spanstion | S71WS128PC0HF3S    | [FBGA84]               | (990)       |
| Spanstion | S71WS128PD0HF3S    | [FBGA84]               | (990)       |
| Spanstion | S71WS256NC0BAXA    | [FBGA84]               | (692)       |
| Spanstion | S71WS256NC0BAXY    | [FBGA84]               | (821)       |
| Spanstion | S71WS256NC0BFXA    | [FBGA84]               | (692)       |
| Spanstion | S71WS256ND0BAXY    | [FBGA84]               | (821)       |
| Spanstion | S71WS256ND0BFXA    | [FBGA84]               | (821)       |
| Spanstion | S71WS256PC0HF3S    | [FBGA84]               | (990)       |
| Spanstion | S71WS256PC0HF3T    | [FBGA84]               | (990)       |
| Spanstion | S71WS256PD0HF3S    | [FBGA84]               | (990)       |
| Spanstion | S71WS256PD0HF3T    | [FBGA84]               | (990)       |
| Spanstion | S71WS512NC0BAXA    | [FBGA84]               | (692)       |
| Spanstion | S71WS512NC0BAXT    | [FBGA84]               | (692)       |
| Spanstion | S71WS512NC0BFXA    | [FBGA84]               | (692)       |
| Spanstion | S71WS512NC0BFXA    | [FBGA84]               | (692)       |
| Spanstion | S71WS512PC0HF3T    | [FBGA84]               | (990)       |
| Spanstion | S71WS512PD0HF3T    | [FBGA84]               | (990)       |
| Spanstion | S71XS256RD0ZHE40   | [FBGA56]               | (723)       |
| Spanstion | S71XS256RD0ZHE44   | [FBGA56]               | (723)       |
| Spanstion | S71XS256RD0ZHEC0   | [FBGA56]               | (723)       |
| Spanstion | S71XS256RD0ZHEC4   | [FBGA56]               | (723)       |
| Spanstion | S72NS128ND0AJW1    | [FBGA133]              | (1123)      |
| Spanstion | S72NS128PD0AHBxxx  | [FBGA133]              | (1153)      |
| Spanstion | S72NS128PD0AJBxxx  | [FBGA133]              | (1153)      |
| Spanstion | S72NS128RD0AHBxxx  | [FBGA133]              | (1195)      |
| Spanstion | S72NS256ND0AJW7    | [FBGA133]              | (1152)      |
| Spanstion | S72NS256PD0AJBxxx  | [FBGA133]              | (1153)      |
| Spanstion | S72NS256RD0AHBxxx  | [FBGA133]              | (1195)      |
| Spanstion | S72NS512ND0ZJW7    | [FBGA133]              | (1152)      |
| Spanstion | S72NS512NE0ZJW7    | [FBGA133]              | (1152)      |
| Spanstion | S72NS512RD0AHGxxxx | [FBGA133]              | (1154)      |
| Spanstion | S72NS512RE0AHGxxxx | [FBGA133]              | (1154)      |
| Spanstion | S72VS128RD0AHBH    | [FBGA133]              | (1553)      |
| Spanstion | S72VS256RE0AHBH1   | [FBGA133]              | (1553)      |
| Spanstion | S72VS256RE0AHBJ1   | [FBGA133]              | (1553)      |
| Spanstion | S72XS128RD0AHBG    | [FBGA133]              | (1553)      |
| Spanstion | S72XS128RD0AHBH    | [FBGA133]              | (1553)      |
| Spanstion | S72XS128RD0AHBJ    | [FBGA133]              | (1553)      |
| Spanstion | S72XS256RD0AHBG    | [FBGA133]              | (1553)      |
| Spanstion | S72XS256RD0AHBH    | [FBGA133]              | (1553)      |
| Spanstion | S72XS256RD0AHBJ    | [FBGA133]              | (1553)      |
| Spanstion | S72XS256RE0AHBH    | [FBGA133]              | (1553)      |
| Spanstion | S72XS256RE0AHBJ    | [FBGA133]              | (1553)      |
| Spanstion | S73WS512PD0HF      | [FBGA137]              | (1186)      |
| Spanstion | S76MSA90222AHDxxx  | [BGA130]               | (2571) (*1) |
| Spanstion | S79FL01G5xxBxxxCl  | [BGA24]                | (3122)      |
| Spanstion | S79FL2565xxMxxG0   | [SO16] (Dual-Quad I/o) | (3100) (*1) |
| Spanstion | S79FL5125xxMxxG0   | [SO16] (Dual-Quad I/o) | (3100) (*1) |
| Spanstion | S98FL2565xxMxxG0   | [SO16] (Dual-Quad I/o) | (3100) (*1) |
| Spanstion | S98FL5125xxMxxG0   | [SO16] (Dual-Quad I/o) | (3100) (*1) |
| Spanstion | S98GL064NB0HI001   | [FBGA56]               | (2851)      |
| Spanstion | S98GL064NB0HI002   | [FBGA56]               | (2851)      |
| Spanstion | S98GL064NB0HI003   | [FBGA56]               | (2851)      |
| Spanstion | S98GL064NB0HI004   | [FBGA56]               | (2851)      |



|          |                  |                    |             |
|----------|------------------|--------------------|-------------|
| Spanston | S98GL064NB0HI007 | [FBGA56]           | (2851)      |
| Spanston | S98GL064NB0HI008 | [FBGA56]           | (2851)      |
| Spanston | S98GL128PB0HW020 | [FBGA64]           | (2688)      |
| Spanston | S98GL128PB0HW021 | [FBGA64]           | (2688)      |
| Spanston | S98NS128NB0F     | [FBGA88]           | (1056)      |
| Spanston | S98NS256PB0H     | [VFBGA56]          | (723)       |
| Spanston | S98PL191JD0      | [FBGA115]          | (821)       |
| Spanston | S98WS064RA0xx001 | [FBGA88]           | (637)       |
| Spanston | S98WS064RA0xx002 | [FBGA88]           | (637)       |
| Spanston | S98WS064RA0xx003 | [FBGA88]           | (637)       |
| Spanston | S98WS064RA0xx004 | [FBGA88]           | (637)       |
| Spanston | S98WS064RB0xx001 | [FBGA88]           | (637)       |
| Spanston | S98WS064RB0xx002 | [FBGA88]           | (637)       |
| Spanston | S98WS128NB0-001  | [BGA88]            | (804)       |
| Spanston | S98WS128PC0HW002 | [FBGA107]          | (1136)      |
| Spanston | S98WS256NE0FW001 | [FBGA188]          | (895)       |
| Spanston | S98WS256PC0FW001 | [FBGA88]           | (991)       |
| Spanston | S98WS512PD0FW004 | [FBGA88]           | (991)       |
| Spanston | S99-50111        | [FBGA64]           | (922)       |
| Spanston | S99-50121        | [FBGA64]           | (513)       |
| Spanston | S99-50183        | [FBGA64]           | (705)       |
| Spanston | S99-50196        | [FBGA64]           | (1109)      |
| Spanston | S99-50197        | [FBGA64]           | (938)       |
| Spanston | S99-50204        | [FBGA64]           | (1109)      |
| Spanston | S99-50206        | [FBGA64]           | (938)       |
| Spanston | S99-50247D       | [TSOP48]           | (1346)      |
| Spanston | S99-50251        | [FBGA64]           | (1457)      |
| Spanston | S99-50268        | [FBGA64]           | (1187)      |
| Spanston | S99-50275        | [TSOP48]           | (1346)      |
| Spanston | S99-50276        | [TSOP56]           | (3161)      |
| Spanston | S99-50278        | [TSOP56]           | (3080)      |
| Spanston | S99-50283        | [TSOP56]           | (3080)      |
| Spanston | S99-50285        | [TSOP56]           | (3080)      |
| Spanston | S99-50288        | [TSOP56]           | (3080)      |
| Spanston | S99-50289        | [TSOP56]           | (3080)      |
| Spanston | S99-50291        | [FBGA64]           | (1187)      |
| Spanston | S99-50292        | [FBGA64]           | (1187)      |
| Spanston | S99-50306        | [TSOP48]           | (1346)      |
| Spanston | S99-50309        | [TSOP48]           | (1346)      |
| Spanston | S99-50312        | [TSOP56]           | (3080)      |
| Spanston | S99-50341        | [FBGA48]           | (959)       |
| Spanston | S99-50342        | [FBGA64]           | (1261)      |
| Spanston | S99FL256SxxMxxG0 | [SOIC16] (QuadSP1) | (3100) (*1) |
| Spanston | S99GL128S0110    | [FBGA64]           | (1109)      |
| Spanston | S99PL127J002     | [FBGA80]           | (668)       |
| Spanston | S99PL127J003     | [FBGA64]           | (938)       |
| Spanston | S99PL127J004     | [TSOP56]           | (1406)      |
| SpecTek  | FxxL41A24K3x4-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A24K3x4-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A24K3x4-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A30K3x4-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A30K3x4-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A30K3x4-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A31K3x4-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A31K3x4-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A31K3x4-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A32K3x4-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A32K3x4-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A32K3x4-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A4GK3xG-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A4GK3xG-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A4GK3xG-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A6GK3xG-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A6GK3xG-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A6GK3xG-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A75K3xG-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A75K3xG-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A75K3xG-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A78K3xG-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A78K3xG-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A78K3xG-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A8GK3x1-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A8GK3x1-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A8GK3x1-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A8GK3x2-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A8GK3x2-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A8GK3x2-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A8GK3x3-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A8GK3x3-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A8GK3x3-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A8GK3xG-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A8GK3xG-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41A8GK3xG-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41ACGK3x2-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41ACGK3x2-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41ACGK3x2-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AEGK3x2-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AEGK3x2-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AEGK3x2-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AF8K3x2-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AF8K3x2-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AF8K3x2-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AHGK3x2-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AHGK3x2-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AHGK3x2-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AHGK3x4-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AHGK3x4-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AHGK3x4-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AHGK3x5-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AHGK3x5-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AHGK3x5-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AHGK3x6-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AHGK3x6-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41AHGK3x6-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B24K3x4-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B24K3x4-AC | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B24K3x4-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B24K3x4-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B24K3x4-AW | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B30K3x4-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B30K3x4-AC | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B30K3x4-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B30K3x4-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B30K3x4-AW | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B31K3x4-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B31K3x4-AC | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B31K3x4-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B31K3x4-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B31K3x4-AW | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B32K3x4-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B32K3x4-AC | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B32K3x4-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B32K3x4-AT | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B32K3x4-AW | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B4GK3xG-AA | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B4GK3xG-AC | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B4GK3xG-AF | [TSOP48]           | (1266) (*1) |
| SpecTek  | FxxL41B4GK3xG-AT | [TSOP48]           | (1266) (*1) |

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|         |                    |                     |             |
|---------|--------------------|---------------------|-------------|
| SpecTek | FxxM50A38K3xG-AT   | [TSOP48]            | (1456) (*1) |
| SpecTek | FxxM50A38K3xG-AW   | [TSOP48]            | (1456) (*1) |
| SpecTek | FxxM50A4GK3xG-AA   | [TSOP48]            | (1456) (*1) |
| SpecTek | FxxM50A4GK3xG-AC   | [TSOP48]            | (1456) (*1) |
| SpecTek | FxxM50A4GK3xG-AF   | [TSOP48]            | (1456) (*1) |
| SpecTek | FxxM50A4GK3xG-AT   | [TSOP48]            | (1456) (*1) |
| SpecTek | FxxM50A4GK3xG-AW   | [TSOP48]            | (1456) (*1) |
| SPERRY  | 4055857 TT E27C256 | [LCC32]             | (561)       |
| SST     | PH28EE010          |                     |             |
| SST     | PH28EE011          |                     |             |
| SST     | PH28LF040          |                     |             |
| SST     | PH28SF040          |                     |             |
| SST     | PH28VF040          |                     |             |
| SST     | PH29EE010          |                     |             |
| SST     | PH29EE020          |                     |             |
| SST     | PH29EE512          |                     |             |
| SST     | PH29LE010          |                     |             |
| SST     | PH29LE020          |                     |             |
| SST     | PH29LE512          |                     |             |
| SST     | PH29VE010          |                     |             |
| SST     | PH29VE020          |                     |             |
| SST     | PH29VE512          |                     |             |
| SST     | PH39SF010          |                     |             |
| SST     | PH39SF020          |                     |             |
| SST     | SST25LF010         | (ISP)               | (138)       |
| SST     | SST25LF010         | [SOIC8]             | (3095) (*1) |
| SST     | SST25LF010A        | (ISP)               | (138)       |
| SST     | SST25LF010A        | [SOIC8]             | (3095) (*1) |
| SST     | SST25LF010A        | [SOIC8-200]         | (3088) (*1) |
| SST     | SST25LF010A        | [WSON8]             | (3097) (*1) |
| SST     | SST25LF020         | (ISP)               | (138)       |
| SST     | SST25LF020         | [SOIC8]             | (3095) (*1) |
| SST     | SST25LF020         | [WSON8]             | (3097) (*1) |
| SST     | SST25LF020A        | (ISP)               | (138)       |
| SST     | SST25LF020A        | [SOIC8]             | (3095) (*1) |
| SST     | SST25LF020A        | [SOIC8-200]         | (3088) (*1) |
| SST     | SST25LF020A        | [WSON8]             | (3097) (*1) |
| SST     | SST25LF040         | (ISP)               | (138)       |
| SST     | SST25LF040         | [SOIC8]             | (3088) (*1) |
| SST     | SST25LF040         | [WSON8]             | (3097) (*1) |
| SST     | SST25LF040A        | (ISP)               | (138)       |
| SST     | SST25LF040A        | [SOIC8]             | (3088) (*1) |
| SST     | SST25LF040A        | [SOIC8-200]         | (3088) (*1) |
| SST     | SST25LF040A        | [WSON8]             | (3097) (*1) |
| SST     | SST25LF080         | (ISP)               | (138)       |
| SST     | SST25LF080         | [SOIC8]             | (3088) (*1) |
| SST     | SST25LF080A        | (ISP)               | (138)       |
| SST     | SST25LF080A        | [SOIC8]             | (3088) (*1) |
| SST     | SST25LF080A        | [WSON8]             | (3097) (*1) |
| SST     | SST25PF040C        | (ISP)               | (138)       |
| SST     | SST25PF040C        | [WSON8]             | (4117) (*1) |
| SST     | SST25VF010         | (ISP)               | (138)       |
| SST     | SST25VF010         | [SOIC8]             | (3095) (*1) |
| SST     | SST25VF010         | [WSON8]             | (3097) (*1) |
| SST     | SST25VF010A        | (ISP)               | (138)       |
| SST     | SST25VF010A        | [SOIC8]             | (3095) (*1) |
| SST     | SST25VF010A        | [WSON8]             | (3097) (*1) |
| SST     | SST25VF016B        | (ISP&VDD)           | (138)       |
| SST     | SST25VF016B        | (ISP)               | (138)       |
| SST     | SST25VF016B        | [SOIC8]             | (3088) (*1) |
| SST     | SST25VF016B        | [WSON8]             | (3097) (*1) |
| SST     | SST25VF020         | (ISP)               | (138)       |
| SST     | SST25VF020         | [SOIC8]             | (3095) (*1) |
| SST     | SST25VF020         | [WSON8]             | (3097) (*1) |
| SST     | SST25VF020A        | (ISP)               | (138)       |
| SST     | SST25VF020A        | [SOIC8]             | (3095) (*1) |
| SST     | SST25VF020A        | [WSON8]             | (3097) (*1) |
| SST     | SST25VF020B        | (ISP)               | (138)       |
| SST     | SST25VF020B        | [SOIC8]             | (3095) (*1) |
| SST     | SST25VF020B        | [WSON8]             | (3097) (*1) |
| SST     | SST25VF032B        | (ISP)               | (138)       |
| SST     | SST25VF032B        | [SOIC16]            | (3101) (*1) |
| SST     | SST25VF032B        | [SOIC8-200]         | (3088) (*1) |
| SST     | SST25VF032B        | [WSON8]             | (3097) (*1) |
| SST     | SST25VF040         | (ISP)               | (138)       |
| SST     | SST25VF040         | [SOIC8]             | (3088) (*1) |
| SST     | SST25VF040         | [WSON8]             | (3097) (*1) |
| SST     | SST25VF040A        | (ISP)               | (138)       |
| SST     | SST25VF040A        | [SOIC8]             | (3095) (*1) |
| SST     | SST25VF040A        | [WSON8]             | (3097) (*1) |
| SST     | SST25VF040B        | (ISP)               | (138)       |
| SST     | SST25VF040B        | [SOIC8]             | (3088) (*1) |
| SST     | SST25VF040B        | [SOIC8-150]         | (3095) (*1) |
| SST     | SST25VF040B        | [WSON8]             | (3097) (*1) |
| SST     | SST25VF064C        | (ISP)               | (138)       |
| SST     | SST25VF064C        | [SOIC16]            | (3101) (*1) |
| SST     | SST25VF064C        | [SOIC16] (Dual I/O) | (3101) (*1) |
| SST     | SST25VF064C        | [SOIC8]             | (1447)      |
| SST     | SST25VF064C        | [SOIC8] (Dual I/O)  | (1447)      |
| SST     | SST25VF064C        | [WSON8]             | (3053) (*1) |
| SST     | SST25VF064C        | [WSON8] (Dual I/O)  | (3053) (*1) |
| SST     | SST25VF080         | (ISP)               | (138)       |
| SST     | SST25VF080         | [SOIC8]             | (3088) (*1) |
| SST     | SST25VF080         | [WSON8]             | (3097) (*1) |
| SST     | SST25VF080A        | (ISP)               | (138)       |
| SST     | SST25VF080A        | [SOIC8]             | (3088) (*1) |
| SST     | SST25VF080B        |                     |             |
| SST     | SST25VF080B        | (ISP&VDD)           | (138)       |
| SST     | SST25VF080B        | (ISP)               | (138)       |
| SST     | SST25VF080B        | [SOIC8]             | (3088) (*1) |
| SST     | SST25VF080B        | [SOIC8-150]         | (3095) (*1) |
| SST     | SST25VF080B        | [WSON8]             | (3097) (*1) |
| SST     | SST25VF512         | (ISP)               | (138)       |
| SST     | SST25VF512         | [SOIC8]             | (3095) (*1) |
| SST     | SST25VF512         | [WSON8]             | (3097) (*1) |
| SST     | SST25VF512A        | (ISP)               | (138)       |
| SST     | SST25VF512A        | [SOIC8]             | (3095) (*1) |
| SST     | SST25VF512A        | [WSON8]             | (3097) (*1) |
| SST     | SST25WF010         | [SOIC8]             | (3095) (*1) |
| SST     | SST25WF020         | [SOIC8]             | (3095) (*1) |
| SST     | SST25WF020         | [WSON8]             | (3097) (*1) |
| SST     | SST25WF020A        | [WSON8]             | (3097) (*1) |
| SST     | SST25WF040         | [SOIC8]             | (3095) (*1) |
| SST     | SST25WF080         | [SOIC8]             | (3095) (*1) |
| SST     | SST25WF512         | [SOIC8]             | (3095) (*1) |
| SST     | SST26VF016         | [SOIC8]             | (3088) (*1) |
| SST     | SST26VF016         | [WSON8]             | (3097) (*1) |
| SST     | SST26VF032         | [SOIC8]             | (3088) (*1) |
| SST     | SST26VF032         | [WSON8]             | (3097) (*1) |
| SST     | SST26WF032         | [SOIC8]             | (3088) (*1) |
| SST     | SST26WF032         | [WSON8]             | (3097) (*1) |
| SST     | SST27SF010         |                     |             |
| SST     | SST27SF010         | [PLCC32]            | (59)        |
| SST     | SST27SF010         | [TSOP32]            | (56)        |
| SST     | SST27SF020         |                     |             |
| SST     | SST27SF020         | [PLCC32]            | (59)        |
| SST     | SST27SF020         | [TSOP32]            | (56)        |
| SST     | SST27SF256         |                     |             |

|     |             |               |        |
|-----|-------------|---------------|--------|
| SST | SST27SF256  | [PLCC32]      | (59)   |
| SST | SST27SF256  | [TSOP28]      | (54)   |
| SST | SST27SF256  | [TSOP32]      | (56)   |
| SST | SST27SF512  |               |        |
| SST | SST27SF512  | [PLCC32]      | (59)   |
| SST | SST27SF512  | [TSOP28]      | (54)   |
| SST | SST27SF512  | [TSOP32]      | (56)   |
| SST | SST27VF010  |               |        |
| SST | SST27VF010  | [PLCC32]      | (59)   |
| SST | SST27VF010  | [TSOP32]      | (56)   |
| SST | SST27VF020  |               |        |
| SST | SST27VF020  | [PLCC32]      | (59)   |
| SST | SST27VF020  | [TSOP32]      | (56)   |
| SST | SST27VF040  |               |        |
| SST | SST27VF040  | [PLCC32]      | (59)   |
| SST | SST27VF040  | [TSOP32]      | (56)   |
| SST | SST27VF256  |               |        |
| SST | SST27VF256  | [PLCC32]      | (59)   |
| SST | SST27VF256  | [TSOP28]      | (54)   |
| SST | SST27VF512  |               |        |
| SST | SST27VF512  | [PLCC32]      | (59)   |
| SST | SST27VF512  | [TSOP28]      | (54)   |
| SST | SST28LF040  |               |        |
| SST | SST28LF040  | [PLCC32]      | (1384) |
| SST | SST28LF040  | [TSOP32]      | (1381) |
| SST | SST28SF040  |               |        |
| SST | SST28SF040  | [PLCC32]      | (1384) |
| SST | SST28SF040  | [TSOP32]      | (1381) |
| SST | SST28SF040A |               |        |
| SST | SST28SF040A | [PLCC32]      | (1384) |
| SST | SST28SF040A | [TSOP32]      | (1381) |
| SST | SST28VF040  |               |        |
| SST | SST28VF040  | [PLCC32]      | (1384) |
| SST | SST28VF040  | [TSOP32]      | (1381) |
| SST | SST28VF040A |               |        |
| SST | SST28VF040A | [PLCC32]      | (1384) |
| SST | SST28VF040A | [TSOP32]      | (1381) |
| SST | SST29EE010  |               |        |
| SST | SST29EE010  | [PLCC32]      | (1399) |
| SST | SST29EE010  | [TSOP32 8x14] | (1412) |
| SST | SST29EE010  | [TSOP32 8x20] | (1414) |
| SST | SST29EE010A |               |        |
| SST | SST29EE010A | [PLCC32]      | (1399) |
| SST | SST29EE010A | [TSOP32 8x14] | (1412) |
| SST | SST29EE010A | [TSOP32 8x20] | (1414) |
| SST | SST29EE020  |               |        |
| SST | SST29EE020  | [PLCC32]      | (1399) |
| SST | SST29EE020  | [TSOP32]      | (1414) |
| SST | SST29EE020A |               |        |
| SST | SST29EE020A | [PLCC32]      | (1399) |
| SST | SST29EE020A | [TSOP32 8x14] | (56)   |
| SST | SST29EE020A | [TSOP32 8x20] | (655)  |
| SST | SST29EE512  |               |        |
| SST | SST29EE512  | [PLCC32]      | (1399) |
| SST | SST29EE512  | [TSOP32]      | (1414) |
| SST | SST29EE512A |               |        |
| SST | SST29EE512A | [PLCC32]      | (1399) |
| SST | SST29EE512A | [TSOP32 8x14] | (1412) |
| SST | SST29EE512A | [TSOP32 8x20] | (1414) |
| SST | SST29LE010  |               |        |
| SST | SST29LE010  | [PLCC32]      | (1399) |
| SST | SST29LE010  | [TSOP32 8x14] | (1412) |
| SST | SST29LE010  | [TSOP32 8x20] | (1414) |
| SST | SST29LE010A |               |        |
| SST | SST29LE010A | [PLCC32]      | (1399) |
| SST | SST29LE010A | [TSOP32 8x14] | (1412) |
| SST | SST29LE010A | [TSOP32 8x20] | (1414) |
| SST | SST29LE020  |               |        |
| SST | SST29LE020  | [PLCC32]      | (1399) |
| SST | SST29LE020  | [TSOP32]      | (1414) |
| SST | SST29LE020A |               |        |
| SST | SST29LE020A | [PLCC32]      | (1399) |
| SST | SST29LE020A | [TSOP32 8x14] | (56)   |
| SST | SST29LE020A | [TSOP32 8x20] | (655)  |
| SST | SST29LE512  |               |        |
| SST | SST29LE512  | [PLCC32]      | (1399) |
| SST | SST29LE512  | [TSOP32]      | (1414) |
| SST | SST29LE512A |               |        |
| SST | SST29LE512A | [PLCC32]      | (1399) |
| SST | SST29LE512A | [TSOP32 8x14] | (1412) |
| SST | SST29LE512A | [TSOP32 8x20] | (1414) |
| SST | SST29SF010  |               |        |
| SST | SST29SF010  | [PLCC32]      | (1399) |
| SST | SST29SF010  | [TSOP32]      | (1412) |
| SST | SST29SF020  |               |        |
| SST | SST29SF020  | [PLCC32]      | (1399) |
| SST | SST29SF020  | [TSOP32]      | (1412) |
| SST | SST29SF040  |               |        |
| SST | SST29SF040  | [PLCC32]      | (1384) |
| SST | SST29SF040  | [TSOP32]      | (1377) |
| SST | SST29SF512  |               |        |
| SST | SST29SF512  | [PLCC32]      | (1399) |
| SST | SST29SF512  | [TSOP32]      | (1412) |
| SST | SST29VE010  |               |        |
| SST | SST29VE010  | [PLCC32]      | (1399) |
| SST | SST29VE010  | [TSOP32 8x14] | (1412) |
| SST | SST29VE010  | [TSOP32 8x20] | (1414) |
| SST | SST29VE010A |               |        |
| SST | SST29VE010A | [PLCC32]      | (1399) |
| SST | SST29VE010A | [TSOP32 8x14] | (1412) |
| SST | SST29VE010A | [TSOP32 8x20] | (1414) |
| SST | SST29VE020  |               |        |
| SST | SST29VE020  | [PLCC32]      | (1399) |
| SST | SST29VE020  | [TSOP32]      | (1414) |
| SST | SST29VE020A |               |        |
| SST | SST29VE020A | [PLCC32]      | (1399) |
| SST | SST29VE020A | [TSOP32 8x14] | (56)   |
| SST | SST29VE020A | [TSOP32 8x20] | (655)  |
| SST | SST29VE512  |               |        |
| SST | SST29VE512  | [PLCC32]      | (1399) |
| SST | SST29VE512  | [TSOP32]      | (1414) |
| SST | SST29VE512A |               |        |
| SST | SST29VE512A | [PLCC32]      | (1399) |
| SST | SST29VE512A | [TSOP32 8x14] | (1412) |
| SST | SST29VE512A | [TSOP32 8x20] | (1414) |
| SST | SST29VF010  |               |        |
| SST | SST29VF010  | [PLCC32]      | (1399) |
| SST | SST29VF010  | [TSOP32]      | (1412) |
| SST | SST29VF020  |               |        |
| SST | SST29VF020  | [PLCC32]      | (1399) |
| SST | SST29VF020  | [TSOP32]      | (1412) |
| SST | SST29VF040  |               |        |
| SST | SST29VF040  | [PLCC32]      | (1384) |
| SST | SST29VF040  | [TSOP32]      | (1377) |
| SST | SST29VF512  |               |        |
| SST | SST29VF512  | [PLCC32]      | (1399) |
| SST | SST29VF512  | [TSOP32]      | (1412) |
| SST | SST31LF021  |               |        |
| SST | SST31LF021E | [TSOP32]      | (1412) |
| SST | SST31LF041  | [TSOP40]      | (1362) |
| SST | SST31LF041A | [TSOP32]      | (1377) |
| SST | SST31LF043  | [TSOP40]      | (1362) |
| SST | SST31LF043A | [TSOP32]      | (1377) |
| SST | SST31LH021  | [TSOP32]      | (1412) |
| SST | SST31LH021  | [TSOP40]      | (1362) |
| SST | SST31LH041  | [TSOP32]      | (1377) |
| SST | SST31LH041  | [TSOP40]      | (1362) |

|     |                    |           |        |
|-----|--------------------|-----------|--------|
| SST | SST32HF162         | [TSOP48]  | (1346) |
| SST | SST32HF1621C       | [LFBGA62] | (596)  |
| SST | SST32HF1621C       | [LFBGA63] | (604)  |
| SST | SST32HF1622C       | [LFBGA62] | (596)  |
| SST | SST32HF1622C       | [LFBGA63] | (604)  |
| SST | SST32HF162C        | [LBGA48]  | (754)  |
| SST | SST32HF164         | [TSOP48]  | (1346) |
| SST | SST32HF1641        | [LFBGA62] | (596)  |
| SST | SST32HF1641        | [LFBGA63] | (604)  |
| SST | SST32HF1641C       | [LFBGA62] | (596)  |
| SST | SST32HF1641C       | [LFBGA63] | (604)  |
| SST | SST32HF1642        | [LFBGA62] | (596)  |
| SST | SST32HF1642        | [LFBGA63] | (604)  |
| SST | SST32HF1642C       | [LFBGA62] | (596)  |
| SST | SST32HF1642C       | [LFBGA63] | (604)  |
| SST | SST32HF164C        | [LBGA48]  | (754)  |
| SST | SST32HF1681        | [LFBGA62] | (596)  |
| SST | SST32HF1681        | [LFBGA63] | (604)  |
| SST | SST32HF1682        | [LFBGA62] | (596)  |
| SST | SST32HF1682        | [LFBGA63] | (604)  |
| SST | SST32HF202         | [LFBGA48] | (760)  |
| SST | SST32HF324         | [LFBGA62] | (596)  |
| SST | SST32HF324         | [LFBGA63] | (604)  |
| SST | SST32HF324         | [TFBGA63] | (604)  |
| SST | SST32HF3241        | [LFBGA62] | (596)  |
| SST | SST32HF3241        | [LFBGA63] | (604)  |
| SST | SST32HF3241C       | [LFBGA62] | (596)  |
| SST | SST32HF3241C       | [LFBGA63] | (604)  |
| SST | SST32HF3242        | [LFBGA62] | (596)  |
| SST | SST32HF3242        | [LFBGA63] | (604)  |
| SST | SST32HF3242C       | [LFBGA62] | (596)  |
| SST | SST32HF3242C       | [LFBGA63] | (604)  |
| SST | SST32HF324C        | [LBGA48]  | (754)  |
| SST | SST32HF328         | [LFBGA62] | (596)  |
| SST | SST32HF328         | [LFBGA63] | (604)  |
| SST | SST32HF328         | [TFBGA63] | (604)  |
| SST | SST32HF3281        | [LFBGA62] | (596)  |
| SST | SST32HF3281        | [LFBGA63] | (604)  |
| SST | SST32HF3282        | [LFBGA62] | (596)  |
| SST | SST32HF3282        | [LFBGA63] | (604)  |
| SST | SST32HF328C        | [LFBGA62] | (596)  |
| SST | SST32HF328C        | [LFBGA63] | (604)  |
| SST | SST32HF328C        | [TFBGA63] | (604)  |
| SST | SST32HF32A1        | [LFBGA62] | (596)  |
| SST | SST32HF32A1        | [LFBGA63] | (604)  |
| SST | SST32HF32A2        | [LFBGA62] | (596)  |
| SST | SST32HF32A2        | [LFBGA63] | (604)  |
| SST | SST32HF402         | [LFBGA48] | (760)  |
| SST | SST32HF6481        | [LFBGA63] | (604)  |
| SST | SST32HF6481        | [LFBGA64] | (808)  |
| SST | SST32HF6482        | [LFBGA63] | (604)  |
| SST | SST32HF6482        | [LFBGA64] | (808)  |
| SST | SST32HF64A1        | [LFBGA64] | (596)  |
| SST | SST32HF64A2        | [LFBGA64] | (596)  |
| SST | SST32HF64B1        | [LFBGA64] | (596)  |
| SST | SST32HF64B2        | [LFBGA64] | (596)  |
| SST | SST32HF802         | [LFBGA48] | (760)  |
| SST | SST32HF802         | [TSOP48]  | (1346) |
| SST | SST32VF1601        | [TSOP48]  | (1346) |
| SST | SST34HF1601B       | [TSOP48]  | (1346) |
| SST | SST34HF1601C       | [LFBGA56] | (604)  |
| SST | SST34HF1601C       | [LFBGA62] | (596)  |
| SST | SST34HF1601C       | [TFBGA56] | (604)  |
| SST | SST34HF1621A       | [LFBGA56] | (604)  |
| SST | SST34HF1621A       | [LFBGA62] | (596)  |
| SST | SST34HF1621C       | [LFBGA56] | (604)  |
| SST | SST34HF1621C       | [LFBGA62] | (596)  |
| SST | SST34HF1621S       | [LFBGA56] | (604)  |
| SST | SST34HF1622C       | [LFBGA56] | (604)  |
| SST | SST34HF1622C       | [LFBGA62] | (596)  |
| SST | SST34HF1622S       | [LFBGA56] | (604)  |
| SST | SST34HF162C        | [LBGA48]  | (754)  |
| SST | SST34HF162G        | [LBGA48]  | (754)  |
| SST | SST34HF162G        | [LFBGA48] | (760)  |
| SST | SST34HF1641A       | [LFBGA56] | (604)  |
| SST | SST34HF1641A       | [LFBGA62] | (596)  |
| SST | SST34HF1641C       | [LFBGA56] | (604)  |
| SST | SST34HF1641C       | [LFBGA62] | (596)  |
| SST | SST34HF1641D       | [LFBGA56] | (604)  |
| SST | SST34HF1641D       | [LFBGA62] | (596)  |
| SST | SST34HF1641J       | [LFBGA56] | (604)  |
| SST | SST34HF1641J       | [LFBGA62] | (596)  |
| SST | SST34HF1641S       | [LFBGA56] | (604)  |
| SST | SST34HF1642C       | [LFBGA56] | (604)  |
| SST | SST34HF1642C       | [LFBGA62] | (596)  |
| SST | SST34HF1642D       | [LFBGA56] | (604)  |
| SST | SST34HF1642D       | [LFBGA62] | (596)  |
| SST | SST34HF1642S       | [LFBGA56] | (604)  |
| SST | SST34HF164C        | [LBGA48]  | (754)  |
| SST | SST34HF164G        | [LBGA48]  | (754)  |
| SST | SST34HF164G        | [LFBGA48] | (760)  |
| SST | SST34HF1681        | [LFBGA56] | (604)  |
| SST | SST34HF1681        | [LFBGA62] | (596)  |
| SST | SST34HF1681D       | [LFBGA56] | (604)  |
| SST | SST34HF1681D       | [LFBGA62] | (596)  |
| SST | SST34HF1681J       | [LFBGA56] | (604)  |
| SST | SST34HF1681J       | [LFBGA62] | (596)  |
| SST | SST34HF1682D       | [LFBGA56] | (604)  |
| SST | SST34HF1682D       | [LFBGA62] | (596)  |
| SST | SST34HF3223B       | [LFBGA56] | (890)  |
| SST | SST34HF3242C       | [LFBGA56] | (604)  |
| SST | SST34HF3242C       | [LFBGA62] | (596)  |
| SST | SST34HF3243B       | [LFBGA56] | (890)  |
| SST | SST34HF3244        | [LFBGA56] | (604)  |
| SST | SST34HF3244        | [LFBGA62] | (596)  |
| SST | SST34HF3244C       | [LFBGA56] | (604)  |
| SST | SST34HF3244C       | [LFBGA62] | (596)  |
| SST | SST34HF324G        | [LFBGA48] | (760)  |
| SST | SST34HF3282        | [LFBGA56] | (604)  |
| SST | SST34HF3282        | [LFBGA62] | (596)  |
| SST | SST34HF3284        | [LFBGA56] | (604)  |
| SST | SST34HF3284        | [LFBGA62] | (596)  |
| SST | SST34HF32A4        | [LFBGA56] | (604)  |
| SST | SST34HF32A4        | [LFBGA62] | (596)  |
| SST | SST34WA1601xxxxMVJ | [VFBGA44] | (1054) |
| SST | SST34WA1602xxxxMVJ | [VFBGA44] | (1054) |
| SST | SST34WA3203xxxxMVJ | [VFBGA44] | (1054) |
| SST | SST34WA3204xxxxMVJ | [VFBGA44] | (1054) |
| SST | SST34WA3283xxxxMVN | [VFBGA56] | (1054) |
| SST | SST34WA3284xxxxMVN | [VFBGA56] | (1054) |
| SST | SST34WA32A3xxxxMVN | [VFBGA56] | (1054) |
| SST | SST34WA32A4xxxxMVN | [VFBGA56] | (1054) |
| SST | SST36VF1601        | [TFBGA48] | (690)  |
| SST | SST36VF1601        | [TSOP48]  | (1346) |
| SST | SST36VF1601C       | [TFBGA48] | (760)  |
| SST | SST36VF1601C       | [TSOP48]  | (1346) |
| SST | SST36VF1601E       | [TFBGA48] | (760)  |
| SST | SST36VF1601E       | [TSOP48]  | (1346) |

|     |                         |           |        |
|-----|-------------------------|-----------|--------|
| SST | SST36VF1601G            | [LFBGA56] | (604)  |
| SST | SST36VF1601G            | [TFBGA48] | (760)  |
| SST | SST36VF1601G            | [TSOP48]  | (1346) |
| SST | SST36VF1602             | [TFBGA48] | (690)  |
| SST | SST36VF1602             | [TSOP48]  | (1346) |
| SST | SST36VF1602C            | [TFBGA48] | (760)  |
| SST | SST36VF1602C            | [TSOP48]  | (1346) |
| SST | SST36VF1602E            | [TFBGA48] | (760)  |
| SST | SST36VF1602E            | [TSOP48]  | (1346) |
| SST | SST36VF1602G            | [LFBGA56] | (604)  |
| SST | SST36VF1602G            | [TFBGA48] | (760)  |
| SST | SST36VF1602G            | [TSOP48]  | (1346) |
| SST | SST36VF3203             | [TFBGA48] | (760)  |
| SST | SST36VF3203             | [TSOP48]  | (1346) |
| SST | SST36VF3204             | [TFBGA48] | (760)  |
| SST | SST36VF3204             | [TSOP48]  | (1346) |
| SST | SST37VF010              |           |        |
| SST | SST37VF010              | [PLCC32]  | (1399) |
| SST | SST37VF010              | [TSOP32]  | (1412) |
| SST | SST37VF020              |           |        |
| SST | SST37VF020              | [PLCC32]  | (1399) |
| SST | SST37VF020              | [TSOP32]  | (1412) |
| SST | SST37VF040              |           |        |
| SST | SST37VF040              | [PLCC32]  | (1384) |
| SST | SST37VF040              | [TSOP32]  | (1377) |
| SST | SST37VF512              |           |        |
| SST | SST37VF512              | [PLCC32]  | (1399) |
| SST | SST37VF512              | [TSOP32]  | (1412) |
| SST | SST38UF166              | [TSOP48]  | (1346) |
| SST | SST38VF166              | [TSOP48]  | (1346) |
| SST | SST38VF6401B-xx-xx-B3KE | [TFBGA48] | (760)  |
| SST | SST38VF6401B-xx-xx-EKE  | [TSOP48]  | (1346) |
| SST | SST38VF6401xx-xx-B3KE   | [TFBGA48] | (760)  |
| SST | SST38VF6401xx-xx-EKE    | [TSOP48]  | (1346) |
| SST | SST38VF6402B-xx-xx-B3KE | [TFBGA48] | (760)  |
| SST | SST38VF6402B-xx-xx-EKE  | [TSOP48]  | (1346) |
| SST | SST38VF6402xx-xx-B3KE   | [TFBGA48] | (760)  |
| SST | SST38VF6402xx-xx-EKE    | [TSOP48]  | (1346) |
| SST | SST38VF6403B-xx-xx-B3KE | [TFBGA48] | (760)  |
| SST | SST38VF6403B-xx-xx-EKE  | [TSOP48]  | (1346) |
| SST | SST38VF6403xx-xx-B3KE   | [TFBGA48] | (760)  |
| SST | SST38VF6403xx-xx-EKE    | [TSOP48]  | (1346) |
| SST | SST38VF6404B-xx-xx-B3KE | [TFBGA48] | (760)  |
| SST | SST38VF6404B-xx-xx-EKE  | [TSOP48]  | (1346) |
| SST | SST38VF6404xx-xx-B3KE   | [TFBGA48] | (760)  |
| SST | SST38VF6404xx-xx-EKE    | [TSOP48]  | (1346) |
| SST | SST39LF010              | [PLCC32]  | (1399) |
| SST | SST39LF010              | [TFBGA48] | (760)  |
| SST | SST39LF010              | [TSOP32]  | (1412) |
| SST | SST39LF010              | [WFBGA34] | (846)  |
| SST | SST39LF016              | [TFBGA48] | (760)  |
| SST | SST39LF016              | [TSOP40]  | (1368) |
| SST | SST39LF020              | [PLCC32]  | (1399) |
| SST | SST39LF020              | [TFBGA48] | (760)  |
| SST | SST39LF020              | [TSOP32]  | (1412) |
| SST | SST39LF020              | [WFBGA34] | (846)  |
| SST | SST39LF040              | [PLCC32]  | (1384) |
| SST | SST39LF040              | [TFBGA48] | (760)  |
| SST | SST39LF040              | [TSOP32]  | (1377) |
| SST | SST39LF080              | [TFBGA48] | (760)  |
| SST | SST39LF080              | [TSOP40]  | (1368) |
| SST | SST39LF100              | [TFBGA48] | (760)  |
| SST | SST39LF100              | [TSOP40]  | (1365) |
| SST | SST39LF160              | [TSOP48]  | (1346) |
| SST | SST39LF200A             | [TFBGA48] | (760)  |
| SST | SST39LF200A             | [TSOP48]  | (1346) |
| SST | SST39LF400A             | [TFBGA48] | (760)  |
| SST | SST39LF400A             | [TSOP48]  | (1346) |
| SST | SST39LF401C             | [TFBGA48] | (760)  |
| SST | SST39LF401C             | [TSOP48]  | (1346) |
| SST | SST39LF401C             | [WFBGA48] | (2389) |
| SST | SST39LF402C             | [TFBGA48] | (760)  |
| SST | SST39LF402C             | [TSOP48]  | (1346) |
| SST | SST39LF402C             | [WFBGA48] | (2389) |
| SST | SST39LF512              | [PLCC32]  | (1399) |
| SST | SST39LF512              | [TSOP32]  | (1412) |
| SST | SST39LF800A             | [TFBGA48] | (760)  |
| SST | SST39LF800A             | [TSOP48]  | (1346) |
| SST | SST39LF801C             | [TFBGA48] | (760)  |
| SST | SST39LF801C             | [TSOP48]  | (1346) |
| SST | SST39LF801C             | [WFBGA48] | (2389) |
| SST | SST39LF802C             | [TFBGA48] | (760)  |
| SST | SST39LF802C             | [TSOP48]  | (1346) |
| SST | SST39LF802C             | [WFBGA48] | (2389) |
| SST | SST39LH010              | [PLCC32]  | (1399) |
| SST | SST39LH010              | [TSOP32]  | (1412) |
| SST | SST39LH020              | [PLCC32]  | (1399) |
| SST | SST39LH020              | [TSOP32]  | (1412) |
| SST | SST39LH040              | [PLCC32]  | (1384) |
| SST | SST39LH040              | [TSOP32]  | (1377) |
| SST | SST39LH160              | [TFBGA48] | (690)  |
| SST | SST39LH160              | [TSOP48]  | (1346) |
| SST | SST39LH160Q             | [TFBGA48] | (690)  |
| SST | SST39LH160Q             | [TSOP48]  | (1346) |
| SST | SST39LH512              | [PLCC32]  | (1399) |
| SST | SST39LH512              | [TSOP32]  | (1412) |
| SST | SST39SF010              |           |        |
| SST | SST39SF010              | [PLCC32]  | (1399) |
| SST | SST39SF010              | [TSOP32]  | (1412) |
| SST | SST39SF010A             |           |        |
| SST | SST39SF010A             | [PLCC32]  | (1399) |
| SST | SST39SF010A             | [TSOP32]  | (1412) |
| SST | SST39SF020              |           |        |
| SST | SST39SF020              | [PLCC32]  | (1399) |
| SST | SST39SF020              | [TSOP32]  | (1412) |
| SST | SST39SF020A             |           |        |
| SST | SST39SF020A             | [PLCC32]  | (1399) |
| SST | SST39SF020A             | [TSOP32]  | (1412) |
| SST | SST39SF020P             |           |        |
| SST | SST39SF020P             | [PLCC32]  | (1399) |
| SST | SST39SF020P             | [TSOP32]  | (1412) |
| SST | SST39SF040              |           |        |
| SST | SST39SF040              | [PLCC32]  | (1384) |
| SST | SST39SF040              | [TSOP32]  | (1377) |
| SST | SST39SF040P             |           |        |
| SST | SST39SF040P             | [PLCC32]  | (1384) |
| SST | SST39SF040P             | [TSOP32]  | (1377) |
| SST | SST39SF512              |           |        |
| SST | SST39SF512              | [PLCC32]  | (1399) |
| SST | SST39SF512              | [TSOP32]  | (1412) |
| SST | SST39SF512A             |           |        |
| SST | SST39SF512A             | [PLCC32]  | (1399) |
| SST | SST39SF512A             | [TSOP32]  | (1412) |
| SST | SST39VF010              |           |        |
| SST | SST39VF010              | [PLCC32]  | (1399) |
| SST | SST39VF010              | [TFBGA48] | (760)  |
| SST | SST39VF010              | [TSOP32]  | (1412) |
| SST | SST39VF016              | [TFBGA48] | (760)  |



|     |                    |           |        |
|-----|--------------------|-----------|--------|
| SST | SST39VF016         | [TSOP40]  | (1368) |
| SST | SST39VF016Q        | [TSOP40]  | (1368) |
| SST | SST39VF020         |           |        |
| SST | SST39VF020         | [PLCC32]  | (1399) |
| SST | SST39VF020         | [TFBGA48] | (760)  |
| SST | SST39VF020         | [TSOP32]  | (1412) |
| SST | SST39VF020P        |           |        |
| SST | SST39VF020P        | [PLCC32]  | (1399) |
| SST | SST39VF020P        | [TSOP32]  | (1412) |
| SST | SST39VF040         |           |        |
| SST | SST39VF040         | [PLCC32]  | (1384) |
| SST | SST39VF040         | [TSOP32]  | (1377) |
| SST | SST39VF040P        |           |        |
| SST | SST39VF040P        | [PLCC32]  | (1384) |
| SST | SST39VF040P        | [TSOP32]  | (1377) |
| SST | SST39VF080         | [TFBGA48] | (760)  |
| SST | SST39VF080         | [TSOP40]  | (1368) |
| SST | SST39VF080Q        | [TSOP40]  | (1368) |
| SST | SST39VF088         | [TSOP48]  | (1346) |
| SST | SST39VF100         | [TFBGA48] | (760)  |
| SST | SST39VF100         | [TSOP40]  | (1365) |
| SST | SST39VF160         | [TFBGA48] | (690)  |
| SST | SST39VF160         | [TSOP48]  | (1346) |
| SST | SST39VF1601        | [TFBGA48] | (760)  |
| SST | SST39VF1601        | [TSOP48]  | (1346) |
| SST | SST39VF1601C       | [TFBGA48] | (760)  |
| SST | SST39VF1601C       | [TSOP48]  | (1346) |
| SST | SST39VF1602        | [TFBGA48] | (760)  |
| SST | SST39VF1602        | [TSOP48]  | (1346) |
| SST | SST39VF1602C       | [TFBGA48] | (760)  |
| SST | SST39VF1602C       | [TSOP48]  | (1346) |
| SST | SST39VF160Q        | [TFBGA48] | (690)  |
| SST | SST39VF160Q        | [TSOP48]  | (1346) |
| SST | SST39VF1681        | [TSOP48]  | (1346) |
| SST | SST39VF1681xxxxB3  | [FBGA48]  | (760)  |
| SST | SST39VF1682        | [TSOP48]  | (1346) |
| SST | SST39VF1682xxxxB3  | [FBGA48]  | (760)  |
| SST | SST39VF200A        | [TFBGA48] | (760)  |
| SST | SST39VF200A        | [TSOP48]  | (1346) |
| SST | SST39VF200AxxxxxM1 | [WFBGA48] | (848)  |
| SST | SST39VF320         | [TFBGA48] | (760)  |
| SST | SST39VF320         | [TSOP48]  | (1346) |
| SST | SST39VF3201        | [TFBGA48] | (760)  |
| SST | SST39VF3201        | [TSOP48]  | (1346) |
| SST | SST39VF3201B       | [TFBGA48] | (760)  |
| SST | SST39VF3201B       | [TSOP48]  | (1346) |
| SST | SST39VF3201C       | [TFBGA48] | (760)  |
| SST | SST39VF3201C       | [TSOP48]  | (1346) |
| SST | SST39VF3202        | [TFBGA48] | (760)  |
| SST | SST39VF3202        | [TSOP48]  | (1346) |
| SST | SST39VF3202B       | [TFBGA48] | (760)  |
| SST | SST39VF3202B       | [TSOP48]  | (1346) |
| SST | SST39VF3202C       | [TFBGA48] | (760)  |
| SST | SST39VF3202C       | [TSOP48]  | (1346) |
| SST | SST39VF400         | [TSOP48]  | (1346) |
| SST | SST39VF400A        | [TFBGA48] | (760)  |
| SST | SST39VF400A        | [TSOP48]  | (1346) |
| SST | SST39VF400AxxxxxC1 | [XFLGA48] | (847)  |
| SST | SST39VF400AxxxxxM1 | [WFBGA48] | (848)  |
| SST | SST39VF400Q        | [TSOP48]  | (1346) |
| SST | SST39VF401C        | [TFBGA48] | (760)  |
| SST | SST39VF401C        | [TSOP48]  | (1346) |
| SST | SST39VF401C        | [WFBGA48] | (2389) |
| SST | SST39VF402C        | [TFBGA48] | (760)  |
| SST | SST39VF402C        | [TSOP48]  | (1346) |
| SST | SST39VF402C        | [WFBGA48] | (2389) |
| SST | SST39VF512         | [PLCC32]  | (1399) |
| SST | SST39VF512         | [TSOP32]  | (1412) |
| SST | SST39VF6401        | [TFBGA48] | (690)  |
| SST | SST39VF6401        | [TSOP48]  | (1346) |
| SST | SST39VF6401B       | [TFBGA48] | (690)  |
| SST | SST39VF6401B       | [TSOP48]  | (1346) |
| SST | SST39VF6402        | [TFBGA48] | (690)  |
| SST | SST39VF6402        | [TSOP48]  | (1346) |
| SST | SST39VF6402B       | [TFBGA48] | (690)  |
| SST | SST39VF6402B       | [TSOP48]  | (1346) |
| SST | SST39VF800         | [TSOP48]  | (1346) |
| SST | SST39VF800AxxxxxB3 | [TFBGA48] | (760)  |
| SST | SST39VF800AxxxxxC1 | [XFLGA48] | (847)  |
| SST | SST39VF800AxxxxxE  | [TSOP48]  | (1346) |
| SST | SST39VF800AxxxxxM1 | [WFBGA48] | (848)  |
| SST | SST39VF800Q        | [TSOP48]  | (1346) |
| SST | SST39VF801C        | [TFBGA48] | (760)  |
| SST | SST39VF801C        | [TSOP48]  | (1346) |
| SST | SST39VF801C        | [WFBGA48] | (2389) |
| SST | SST39VF802C        | [TFBGA48] | (760)  |
| SST | SST39VF802C        | [TSOP48]  | (1346) |
| SST | SST39VF802C        | [WFBGA48] | (2389) |
| SST | SST39WF1601xxxxB3  | [TFBGA48] | (760)  |
| SST | SST39WF1601xxxxMA  | [WFBGA48] | (848)  |
| SST | SST39WF1601xxxxMB  | [WFBGA48] | (622)  |
| SST | SST39WF1601xxxxY1  | [WFBGA48] | (848)  |
| SST | SST39WF1602xxxxB3  | [TFBGA48] | (760)  |
| SST | SST39WF1602xxxxMA  | [WFBGA48] | (848)  |
| SST | SST39WF1602xxxxMB  | [WFBGA48] | (622)  |
| SST | SST39WF1602xxxxY1  | [WFBGA48] | (848)  |
| SST | SST39WF400AxxxxxB3 | [TFBGA48] | (760)  |
| SST | SST39WF400AxxxxxC1 | [XFLGA48] | (847)  |
| SST | SST39WF400AxxxxxM1 | [WFBGA48] | (848)  |
| SST | SST39WF400BxxxxxB3 | [TFBGA48] | (760)  |
| SST | SST39WF400BxxxxxCA | [XFLGA48] | (847)  |
| SST | SST39WF400BxxxxxD1 | [XFLGA48] | (847)  |
| SST | SST39WF400BxxxxxMA | [WFBGA48] | (848)  |
| SST | SST39WF400BxxxxxY1 | [WFBGA48] | (848)  |
| SST | SST39WF800AxxxxxC2 | [XFLGA48] | (1096) |
| SST | SST39WF800AxxxxxB3 | [TFBGA48] | (760)  |
| SST | SST39WF800AxxxxxM2 | [WFBGA48] | (622)  |
| SST | SST39WF800BxxxxxB3 | [TFBGA48] | (760)  |
| SST | SST39WF800BxxxxxC2 | [XFLGA48] | (1096) |
| SST | SST39WF800BxxxxxCA | [XFLGA48] | (847)  |
| SST | SST39WF800BxxxxxMA | [WFBGA48] | (848)  |
| SST | SST39WF800BxxxxxY1 | [WFBGA48] | (848)  |
| SST | SST45LF010         | [SOIC8]   | (950)  |
| SST | SST45LF010         | [WSON8]   | (577)  |
| SST | SST49LF002         | [PLCC32]  | (1399) |
| SST | SST49LF002         | [TSOP32]  | (1411) |
| SST | SST49LF002A        | [PLCC32]  | (1399) |
| SST | SST49LF002A        | [TSOP32]  | (1411) |
| SST | SST49LF002B        | [PLCC32]  | (1399) |
| SST | SST49LF003A        | [PLCC32]  | (1384) |
| SST | SST49LF003A        | [TSOP32]  | (1376) |
| SST | SST49LF003B        | [PLCC32]  | (1384) |
| SST | SST49LF004         | [PLCC32]  | (1384) |
| SST | SST49LF004         | [TSOP32]  | (1376) |
| SST | SST49LF004A        | [PLCC32]  | (1384) |
| SST | SST49LF004A        | [TSOP32]  | (1376) |
| SST | SST49LF004B        | [PLCC32]  | (1384) |
| SST | SST49LF004B        | [TSOP32]  | (1376) |

|     |              |                   |        |
|-----|--------------|-------------------|--------|
| SST | SST49LF004B  | [TSOP40]          | (1367) |
| SST | SST49LF004C  | [PLCC32]          | (1384) |
| SST | SST49LF004C  | [TSOP32]          | (1416) |
| SST | SST49LF008A  | [PLCC32]          | (1384) |
| SST | SST49LF008A  | [TSOP32]          | (1376) |
| SST | SST49LF008A  | [TSOP40]          | (1367) |
| SST | SST49LF008C  | [PLCC32]          | (1384) |
| SST | SST49LF008C  | [TSOP32]          | (1416) |
| SST | SST49LF016C  | [PLCC32]          | (1384) |
| SST | SST49LF016C  | [TSOP32]          | (1416) |
| SST | SST49LF016C  | [TSOP40]          | (1417) |
| SST | SST49LF016C  | [TSOP40] (CS)     | (1417) |
| SST | SST49LF020   | [PLCC32]          | (1399) |
| SST | SST49LF020   | [TSOP32]          | (1411) |
| SST | SST49LF020A  | [PLCC32]          | (1399) |
| SST | SST49LF020A  | [TSOP32]          | (1411) |
| SST | SST49LF030A  | [PLCC32]          | (1384) |
| SST | SST49LF030A  | [TSOP32]          | (1376) |
| SST | SST49LF040   | [PLCC32]          | (1384) |
| SST | SST49LF040   | [TSOP32]          | (1376) |
| SST | SST49LF040A  | [PLCC32]          | (1384) |
| SST | SST49LF040A  | [TSOP32]          | (1376) |
| SST | SST49LF040B  | [PLCC32]          | (1384) |
| SST | SST49LF040B  | [TSOP32]          | (1376) |
| SST | SST49LF080A  | [PLCC32]          | (1384) |
| SST | SST49LF080A  | [TSOP32]          | (1376) |
| SST | SST49LF160C  | [PLCC32]          | (1384) |
| SST | SST49LF160C  | [TSOP32]          | (1416) |
| SST | SST65P542R   | [SOIC28]          | (51)   |
| SST | SST89C54     |                   |        |
| SST | SST89C54     | [PLCC44]          | (67)   |
| SST | SST89C54     | [TQFP44]          | (94)   |
| SST | SST89C58     |                   |        |
| SST | SST89C58     | [PLCC44]          | (67)   |
| SST | SST89C58     | [TQFP44]          | (94)   |
| SST | SST89C58RC   | [PLCC44]          | (67)   |
| SST | SST89C58RC   | [TQFP44]          | (94)   |
| SST | SST89C58RC   | [WQFN40]          | (885)  |
| SST | SST89C59     |                   |        |
| SST | SST89C59     | [PLCC44]          | (67)   |
| SST | SST89C59     | [TQFP44]          | (94)   |
| SST | SST89E516RD  |                   |        |
| SST | SST89E516RD  | [PLCC44]          | (67)   |
| SST | SST89E516RD  | [TQFP44]          | (94)   |
| SST | SST89E516RD  | [WQFN40]          | (885)  |
| SST | SST89E516RD2 |                   |        |
| SST | SST89E516RD2 | [PLCC44]          | (67)   |
| SST | SST89E516RD2 | [PLCC44] (vfyse1) | (67)   |
| SST | SST89E516RD2 | [TQFP44]          | (94)   |
| SST | SST89E516RD2 | [WQFN40]          | (885)  |
| SST | SST89E52RC   |                   |        |
| SST | SST89E52RC   | [PLCC44]          | (67)   |
| SST | SST89E52RD   |                   |        |
| SST | SST89E52RD   | [PLCC44]          | (67)   |
| SST | SST89E52RD   | [TQFP44]          | (94)   |
| SST | SST89E52RD2  |                   |        |
| SST | SST89E52RD2  | [PLCC44]          | (67)   |
| SST | SST89E52RD2  | [TQFP44]          | (94)   |
| SST | SST89E54RC   |                   |        |
| SST | SST89E54RC   | [PLCC44]          | (67)   |
| SST | SST89E54RD   |                   |        |
| SST | SST89E54RD   | [PLCC44]          | (67)   |
| SST | SST89E54RD   | [TQFP44]          | (94)   |
| SST | SST89E54RD2  |                   |        |
| SST | SST89E54RD2  | [PLCC44]          | (67)   |
| SST | SST89E54RD2  | [TQFP44]          | (94)   |
| SST | SST89E54RD2A |                   |        |
| SST | SST89E54RD2A | [PLCC44]          | (67)   |
| SST | SST89E54RD2A | [TQFP44]          | (94)   |
| SST | SST89E54RDA  |                   |        |
| SST | SST89E54RDA  | [PLCC44]          | (67)   |
| SST | SST89E54RDA  | [TQFP44]          | (94)   |
| SST | SST89E554RC  |                   |        |
| SST | SST89E554RC  | [PLCC44]          | (67)   |
| SST | SST89E554RC  | [TQFP44]          | (94)   |
| SST | SST89E564RD  |                   |        |
| SST | SST89E564RD  | [PLCC44]          | (67)   |
| SST | SST89E564RD  | [TQFP44]          | (94)   |
| SST | SST89E564RD  | [WQFN40]          | (885)  |
| SST | SST89E58RD   |                   |        |
| SST | SST89E58RD   | [PLCC44]          | (67)   |
| SST | SST89E58RD   | [TQFP44]          | (94)   |
| SST | SST89E58RD2  |                   |        |
| SST | SST89E58RD2  | [PLCC44]          | (67)   |
| SST | SST89E58RD2  | [TQFP44]          | (94)   |
| SST | SST89E58RD2A |                   |        |
| SST | SST89E58RD2A | [PLCC44]          | (67)   |
| SST | SST89E58RD2A | [TQFP44]          | (94)   |
| SST | SST89E58RDA  |                   |        |
| SST | SST89E58RDA  | [PLCC44]          | (67)   |
| SST | SST89E58RDA  | [TQFP44]          | (94)   |
| SST | SST89F54     |                   |        |
| SST | SST89F54     | [PLCC44]          | (67)   |
| SST | SST89F54     | [TQFP44]          | (94)   |
| SST | SST89F58     |                   |        |
| SST | SST89F58     | [PLCC44]          | (67)   |
| SST | SST89F58     | [TQFP44]          | (94)   |
| SST | SST89V516RD  |                   |        |
| SST | SST89V516RD  | [PLCC44]          | (67)   |
| SST | SST89V516RD  | [TQFP44]          | (94)   |
| SST | SST89V516RD  | [WQFN40]          | (885)  |
| SST | SST89V516RD2 |                   |        |
| SST | SST89V516RD2 | [PLCC44]          | (67)   |
| SST | SST89V516RD2 | [PLCC44] (vfyse1) | (67)   |
| SST | SST89V516RD2 | [TQFP44]          | (94)   |
| SST | SST89V516RD2 | [WQFN40]          | (885)  |
| SST | SST89V52RC   |                   |        |
| SST | SST89V52RC   | [PLCC44]          | (67)   |
| SST | SST89V52RD   |                   |        |
| SST | SST89V52RD   | [PLCC44]          | (67)   |
| SST | SST89V52RD   | [TQFP44]          | (94)   |
| SST | SST89V52RD2  |                   |        |
| SST | SST89V52RD2  | [PLCC44]          | (67)   |
| SST | SST89V52RD2  | [TQFP44]          | (94)   |
| SST | SST89V54RC   |                   |        |
| SST | SST89V54RC   | [PLCC44]          | (67)   |
| SST | SST89V54RD   |                   |        |
| SST | SST89V54RD   | [PLCC44]          | (67)   |
| SST | SST89V54RD   | [TQFP44]          | (94)   |
| SST | SST89V54RD2  |                   |        |
| SST | SST89V54RD2  | [PLCC44]          | (67)   |
| SST | SST89V54RD2  | [TQFP44]          | (94)   |
| SST | SST89V54RD2A |                   |        |
| SST | SST89V54RD2A | [PLCC44]          | (67)   |
| SST | SST89V54RD2A | [TQFP44]          | (94)   |
| SST | SST89V54RDA  |                   |        |
| SST | SST89V54RDA  | [PLCC44]          | (67)   |
| SST | SST89V54RDA  | [TQFP44]          | (94)   |

|                    |                               |              |
|--------------------|-------------------------------|--------------|
| SST                | SST89V554RC                   |              |
| SST                | SST89V554RC [PLCC44]          | (67)         |
| SST                | SST89V554RC [TQFP44]          | (94)         |
| SST                | SST89V564RD                   |              |
| SST                | SST89V564RD [PLCC44]          | (67)         |
| SST                | SST89V564RD [TQFP44]          | (94)         |
| SST                | SST89V564RD [WQFN40]          | (885)        |
| SST                | SST89V58RD                    |              |
| SST                | SST89V58RD [PLCC44]           | (67)         |
| SST                | SST89V58RD [TQFP44]           | (94)         |
| SST                | SST89V58RD2                   |              |
| SST                | SST89V58RD2 [PLCC44]          | (67)         |
| SST                | SST89V58RD2 [TQFP44]          | (94)         |
| SST                | SST89V58RD2A                  |              |
| SST                | SST89V58RD2A [PLCC44]         | (67)         |
| SST                | SST89V58RD2A [TQFP44]         | (94)         |
| SST                | SST89V58RDA                   |              |
| SST                | SST89V58RDA [PLCC44]          | (67)         |
| SST                | SST89V58RDA [TQFP44]          | (94)         |
| STMicroelectronics | 16AS                          |              |
| STMicroelectronics | 20AS                          |              |
| STMicroelectronics | 35080                         |              |
| STMicroelectronics | 35080 (ISP)                   | (138)        |
| STMicroelectronics | 35080 [SOIC8]                 | (950)        |
| STMicroelectronics | 95080                         |              |
| STMicroelectronics | 95080 [MLP8]                  | (4538)       |
| STMicroelectronics | 95080 [SOIC8]                 | (950)        |
| STMicroelectronics | 95080 [TSSOP8]                | (121)        |
| STMicroelectronics | ALED1262W [HTSSOP24]          | (4389)       |
| STMicroelectronics | ALED1262XA2 [HTSSOP24]        | (4389)       |
| STMicroelectronics | ALED1262XA3 [HTSSOP24]        | (4389)       |
| STMicroelectronics | BlueNRG-132 [QFN32]           | (4405)       |
| STMicroelectronics | BlueNRG-MS (ISP)              | (138) (9997) |
| STMicroelectronics | BlueNRG-MS [QFN32]            | (4190)       |
| STMicroelectronics | GAL16V8                       |              |
| STMicroelectronics | GAL16V8 [PLCC20]              | (47)         |
| STMicroelectronics | GAL16V8 as PAL10H8            |              |
| STMicroelectronics | GAL16V8 as PAL10H8 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL10L8            |              |
| STMicroelectronics | GAL16V8 as PAL10L8 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL10P8            |              |
| STMicroelectronics | GAL16V8 as PAL10P8 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL12H6            |              |
| STMicroelectronics | GAL16V8 as PAL12H6 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL12L6            |              |
| STMicroelectronics | GAL16V8 as PAL12L6 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL12P6            |              |
| STMicroelectronics | GAL16V8 as PAL12P6 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL14H4            |              |
| STMicroelectronics | GAL16V8 as PAL14H4 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL14L4            |              |
| STMicroelectronics | GAL16V8 as PAL14L4 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL14P4            |              |
| STMicroelectronics | GAL16V8 as PAL14P4 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL16H2            |              |
| STMicroelectronics | GAL16V8 as PAL16H2 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL16H8            |              |
| STMicroelectronics | GAL16V8 as PAL16H8 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL16L2            |              |
| STMicroelectronics | GAL16V8 as PAL16L2 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL16L8            |              |
| STMicroelectronics | GAL16V8 as PAL16L8 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL16P2            |              |
| STMicroelectronics | GAL16V8 as PAL16P2 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL16P8            |              |
| STMicroelectronics | GAL16V8 as PAL16P8 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL16R4            |              |
| STMicroelectronics | GAL16V8 as PAL16R4 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL16R6            |              |
| STMicroelectronics | GAL16V8 as PAL16R6 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL16R8            |              |
| STMicroelectronics | GAL16V8 as PAL16R8 [PLCC20]   | (47)         |
| STMicroelectronics | GAL16V8 as PAL16RP4           |              |
| STMicroelectronics | GAL16V8 as PAL16RP4 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8 as PAL16RP6           |              |
| STMicroelectronics | GAL16V8 as PAL16RP6 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8 as PAL16RP8           |              |
| STMicroelectronics | GAL16V8 as PAL16RP8 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A                      |              |
| STMicroelectronics | GAL16V8A [PLCC20]             | (47)         |
| STMicroelectronics | GAL16V8A as PAL10H8           |              |
| STMicroelectronics | GAL16V8A as PAL10H8 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL10L8           |              |
| STMicroelectronics | GAL16V8A as PAL10L8 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL10P8           |              |
| STMicroelectronics | GAL16V8A as PAL10P8 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL12H6           |              |
| STMicroelectronics | GAL16V8A as PAL12H6 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL12L6           |              |
| STMicroelectronics | GAL16V8A as PAL12L6 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL12P6           |              |
| STMicroelectronics | GAL16V8A as PAL12P6 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL14H4           |              |
| STMicroelectronics | GAL16V8A as PAL14H4 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL14L4           |              |
| STMicroelectronics | GAL16V8A as PAL14L4 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL14P4           |              |
| STMicroelectronics | GAL16V8A as PAL14P4 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL16H2           |              |
| STMicroelectronics | GAL16V8A as PAL16H2 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL16H8           |              |
| STMicroelectronics | GAL16V8A as PAL16H8 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL16L2           |              |
| STMicroelectronics | GAL16V8A as PAL16L2 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL16L8           |              |
| STMicroelectronics | GAL16V8A as PAL16L8 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL16P2           |              |
| STMicroelectronics | GAL16V8A as PAL16P2 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL16P8           |              |
| STMicroelectronics | GAL16V8A as PAL16P8 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL16R4           |              |
| STMicroelectronics | GAL16V8A as PAL16R4 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL16R6           |              |
| STMicroelectronics | GAL16V8A as PAL16R6 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL16R8           |              |
| STMicroelectronics | GAL16V8A as PAL16R8 [PLCC20]  | (47)         |
| STMicroelectronics | GAL16V8A as PAL16RP4          |              |
| STMicroelectronics | GAL16V8A as PAL16RP4 [PLCC20] | (47)         |
| STMicroelectronics | GAL16V8A as PAL16RP6          |              |
| STMicroelectronics | GAL16V8A as PAL16RP6 [PLCC20] | (47)         |
| STMicroelectronics | GAL16V8A as PAL16RP8          |              |
| STMicroelectronics | GAL16V8A as PAL16RP8 [PLCC20] | (47)         |
| STMicroelectronics | GAL16V8AS                     |              |
| STMicroelectronics | GAL16V8AS [PLCC20]            | (47)         |
| STMicroelectronics | GAL16V8S                      |              |
| STMicroelectronics | GAL16V8S [PLCC20]             | (47)         |
| STMicroelectronics | GAL20RA10                     |              |
| STMicroelectronics | GAL20RA10 [PLCC28]            | (48)         |

|                    |             |                     |        |
|--------------------|-------------|---------------------|--------|
| STMicroelectronics | GAL20V8     |                     |        |
| STMicroelectronics | GAL20V8     | [PLCC28]            | (48)   |
| STMicroelectronics | GAL20V8     | as PAL14H8          |        |
| STMicroelectronics | GAL20V8     | as PAL14H8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL14L8          |        |
| STMicroelectronics | GAL20V8     | as PAL14L8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL14P8          |        |
| STMicroelectronics | GAL20V8     | as PAL14P8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL16H6          |        |
| STMicroelectronics | GAL20V8     | as PAL16H6[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL16L6          |        |
| STMicroelectronics | GAL20V8     | as PAL16L6[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL16P6          |        |
| STMicroelectronics | GAL20V8     | as PAL16P6[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL18H4          |        |
| STMicroelectronics | GAL20V8     | as PAL18H4[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL18L4          |        |
| STMicroelectronics | GAL20V8     | as PAL18L4[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL18P4          |        |
| STMicroelectronics | GAL20V8     | as PAL18P4[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL20H2          |        |
| STMicroelectronics | GAL20V8     | as PAL20H2[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL20H8          |        |
| STMicroelectronics | GAL20V8     | as PAL20H8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL20L2          |        |
| STMicroelectronics | GAL20V8     | as PAL20L2[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL20L8          |        |
| STMicroelectronics | GAL20V8     | as PAL20L8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL20P2          |        |
| STMicroelectronics | GAL20V8     | as PAL20P2[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL20P8          |        |
| STMicroelectronics | GAL20V8     | as PAL20P8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL20R4          |        |
| STMicroelectronics | GAL20V8     | as PAL20R4[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL20R6          |        |
| STMicroelectronics | GAL20V8     | as PAL20R6[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL20R8          |        |
| STMicroelectronics | GAL20V8     | as PAL20R8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8     | as PAL20RP4         |        |
| STMicroelectronics | GAL20V8     | as PAL20RP4[PLCC28] | (48)   |
| STMicroelectronics | GAL20V8     | as PAL20RP6         |        |
| STMicroelectronics | GAL20V8     | as PAL20RP6[PLCC28] | (48)   |
| STMicroelectronics | GAL20V8     | as PAL20RP8         |        |
| STMicroelectronics | GAL20V8     | as PAL20RP8[PLCC28] | (48)   |
| STMicroelectronics | GAL20V8A    |                     |        |
| STMicroelectronics | GAL20V8A    | [PLCC28]            | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL14H8          |        |
| STMicroelectronics | GAL20V8A    | as PAL14H8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL14L8          |        |
| STMicroelectronics | GAL20V8A    | as PAL14L8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL14P8          |        |
| STMicroelectronics | GAL20V8A    | as PAL14P8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL16H6          |        |
| STMicroelectronics | GAL20V8A    | as PAL16H6[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL16L6          |        |
| STMicroelectronics | GAL20V8A    | as PAL16L6[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL16P6          |        |
| STMicroelectronics | GAL20V8A    | as PAL16P6[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL18H4          |        |
| STMicroelectronics | GAL20V8A    | as PAL18H4[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL18L4          |        |
| STMicroelectronics | GAL20V8A    | as PAL18L4[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL18P4          |        |
| STMicroelectronics | GAL20V8A    | as PAL18P4[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL20H2          |        |
| STMicroelectronics | GAL20V8A    | as PAL20H2[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL20H8          |        |
| STMicroelectronics | GAL20V8A    | as PAL20H8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL20L2          |        |
| STMicroelectronics | GAL20V8A    | as PAL20L2[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL20L8          |        |
| STMicroelectronics | GAL20V8A    | as PAL20L8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL20P2          |        |
| STMicroelectronics | GAL20V8A    | as PAL20P2[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL20P8          |        |
| STMicroelectronics | GAL20V8A    | as PAL20P8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL20R4          |        |
| STMicroelectronics | GAL20V8A    | as PAL20R4[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL20R6          |        |
| STMicroelectronics | GAL20V8A    | as PAL20R6[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL20R8          |        |
| STMicroelectronics | GAL20V8A    | as PAL20R8[PLCC28]  | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL20RP4         |        |
| STMicroelectronics | GAL20V8A    | as PAL20RP4[PLCC28] | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL20RP6         |        |
| STMicroelectronics | GAL20V8A    | as PAL20RP6[PLCC28] | (48)   |
| STMicroelectronics | GAL20V8A    | as PAL20RP8         |        |
| STMicroelectronics | GAL20V8A    | as PAL20RP8[PLCC28] | (48)   |
| STMicroelectronics | GAL20V8AS   |                     |        |
| STMicroelectronics | GAL20V8AS   | [PLCC28]            | (48)   |
| STMicroelectronics | GAL20V8S    |                     |        |
| STMicroelectronics | GAL20V8S    | [PLCC28]            | (48)   |
| STMicroelectronics | GAL6001     |                     |        |
| STMicroelectronics | GAL6001     | [PLCC28]            | (48)   |
| STMicroelectronics | L9805       | [HiQUAD64]          | (2264) |
| STMicroelectronics | L9805E      | [HiQUAD64]          | (2264) |
| STMicroelectronics | M2201       |                     |        |
| STMicroelectronics | M2201       | [SOIC8]             | (950)  |
| STMicroelectronics | M2201       | [TSSOP8]            | (121)  |
| STMicroelectronics | M2201V      |                     |        |
| STMicroelectronics | M23C1001    |                     |        |
| STMicroelectronics | M23C2001    |                     |        |
| STMicroelectronics | M23C4001    |                     |        |
| STMicroelectronics | M24128      |                     |        |
| STMicroelectronics | M24128      | (ISP)               | (138)  |
| STMicroelectronics | M24128      | [SOIC8-150]         | (950)  |
| STMicroelectronics | M24128      | [SOIC8-200]         | (46)   |
| STMicroelectronics | M24128      | [TSSOP14]           | (1087) |
| STMicroelectronics | M24128-B/BW |                     |        |
| STMicroelectronics | M24128-B/BW | (ISP)               | (138)  |
| STMicroelectronics | M24128-B/BW | [SOIC8]             | (950)  |
| STMicroelectronics | M24128-B/BW | [TSSOP14]           | (1087) |
| STMicroelectronics | M24128-B/BW | [TSSOP8]            | (121)  |
| STMicroelectronics | M24128-BF   | (ISP)               | (138)  |
| STMicroelectronics | M24128-BF   | [MLP8]              | (4538) |
| STMicroelectronics | M24128-BF   | [SO8-150]           | (950)  |
| STMicroelectronics | M24128-BF   | [TSSOP8]            | (121)  |
| STMicroelectronics | M24128-BR   |                     |        |
| STMicroelectronics | M24128-BR   | (ISP)               | (138)  |
| STMicroelectronics | M24128-BR   | [SOIC8]             | (950)  |
| STMicroelectronics | M24128-BR   | [TSSOP14]           | (1087) |
| STMicroelectronics | M24128-BR   | [TSSOP8]            | (121)  |
| STMicroelectronics | M24128-DF   | (ISP)               | (138)  |
| STMicroelectronics | M24128-DF   | [MLP8]              | (4538) |
| STMicroelectronics | M24128-DF   | [SO8-150]           | (950)  |
| STMicroelectronics | M24128-DF   | [TSSOP8]            | (121)  |
| STMicroelectronics | M24128-DRD3 | [TSSOP8]            | (121)  |
| STMicroelectronics | M24128-DRD8 | [TSSOP8]            | (121)  |

|                    |                         |        |
|--------------------|-------------------------|--------|
| STMicroelectronics | M24128-DRMF3 [WFDFPN8]  | (2995) |
| STMicroelectronics | M24128-DRMF8 [WFDFPN8]  | (2995) |
| STMicroelectronics | M24128-DRMN3 [S08-150]  | (950)  |
| STMicroelectronics | M24128-DRMN8 [S08-150]  | (950)  |
| STMicroelectronics | M24128-DRxx3 (ISP)      | (138)  |
| STMicroelectronics | M24128-DRxx8 (ISP)      | (138)  |
| STMicroelectronics | M24128-R                |        |
| STMicroelectronics | M24128-R (ISP)          | (138)  |
| STMicroelectronics | M24128-R [SOIC8-200]    | (46)   |
| STMicroelectronics | M24128-R [TSSOP14]      | (1087) |
| STMicroelectronics | M24128S-F (ISP)         | (138)  |
| STMicroelectronics | M24128T-F (ISP)         | (138)  |
| STMicroelectronics | M24164                  |        |
| STMicroelectronics | M24164 [SOIC8]          | (950)  |
| STMicroelectronics | M24256                  |        |
| STMicroelectronics | M24256 (ISP)            | (138)  |
| STMicroelectronics | M24256 [SOIC8-150]      | (950)  |
| STMicroelectronics | M24256 [SOIC8-200]      | (46)   |
| STMicroelectronics | M24256-A/AW             |        |
| STMicroelectronics | M24256-A/AW (ISP)       | (138)  |
| STMicroelectronics | M24256-A/AW [SOIC8-150] | (950)  |
| STMicroelectronics | M24256-A/AW [SOIC8-200] | (46)   |
| STMicroelectronics | M24256-A/AW [TSSOP14]   | (1087) |
| STMicroelectronics | M24256-B/BW             |        |
| STMicroelectronics | M24256-B/BW (ISP)       | (138)  |
| STMicroelectronics | M24256-B/BW [SOIC8]     | (950)  |
| STMicroelectronics | M24256-B/BW [TSSOP14]   | (1087) |
| STMicroelectronics | M24256-B/BW [TSSOP8]    | (121)  |
| STMicroelectronics | M24256-BF (ISP)         | (138)  |
| STMicroelectronics | M24256-BF [MLP8]        | (4538) |
| STMicroelectronics | M24256-BF [TSSOP8]      | (121)  |
| STMicroelectronics | M24256-BHR (ISP)        | (138)  |
| STMicroelectronics | M24256-BHR [SOIC8-150]  | (950)  |
| STMicroelectronics | M24256-BHR [TSSOP8]     | (121)  |
| STMicroelectronics | M24256-BR               |        |
| STMicroelectronics | M24256-BR (ISP)         | (138)  |
| STMicroelectronics | M24256-BR [SOIC8]       | (950)  |
| STMicroelectronics | M24256-BR [TSSOP14]     | (1087) |
| STMicroelectronics | M24256-BR [TSSOP8]      | (121)  |
| STMicroelectronics | M24256-DF (ISP)         | (138)  |
| STMicroelectronics | M24256-DF [MLP8]        | (4538) |
| STMicroelectronics | M24256-DF [S08-150]     | (950)  |
| STMicroelectronics | M24256-DF [TSSOP8]      | (121)  |
| STMicroelectronics | M24256-DR (ISP)         | (138)  |
| STMicroelectronics | M24256-DR [SOIC8]       | (950)  |
| STMicroelectronics | M24256-DR [TSSOP8]      | (121)  |
| STMicroelectronics | M24256-DRD3 [TSSOP8]    | (121)  |
| STMicroelectronics | M24256-DRD8 [TSSOP8]    | (121)  |
| STMicroelectronics | M24256-DRMF3 [WFDFPN8]  | (2995) |
| STMicroelectronics | M24256-DRMF8 [WFDFPN8]  | (2995) |
| STMicroelectronics | M24256-DRMN3 [S08-150]  | (950)  |
| STMicroelectronics | M24256-DRMN8 [S08-150]  | (950)  |
| STMicroelectronics | M24256-DRxx3 (ISP)      | (138)  |
| STMicroelectronics | M24256-DRxx8 (ISP)      | (138)  |
| STMicroelectronics | M24256-R                |        |
| STMicroelectronics | M24256-R (ISP)          | (138)  |
| STMicroelectronics | M24256-R [S08-208]      | (46)   |
| STMicroelectronics | M24512                  |        |
| STMicroelectronics | M24512 (ISP)            | (138)  |
| STMicroelectronics | M24512 [SOIC8-200]      | (46)   |
| STMicroelectronics | M24512-DF (ISP)         | (138)  |
| STMicroelectronics | M24512-DF [MLP8]        | (4538) |
| STMicroelectronics | M24512-DF [S08-150]     | (950)  |
| STMicroelectronics | M24512-DF [TSSOP8]      | (121)  |
| STMicroelectronics | M24512-DF [WLCSOP8]     | (4602) |
| STMicroelectronics | M24512-DR (ISP)         | (138)  |
| STMicroelectronics | M24512-DR [MLP8]        | (4538) |
| STMicroelectronics | M24512-DR [SOIC8]       | (950)  |
| STMicroelectronics | M24512-DR [TSSOP8]      | (121)  |
| STMicroelectronics | M24512-DRD3 [TSSOP8]    | (121)  |
| STMicroelectronics | M24512-DRD8 [TSSOP8]    | (121)  |
| STMicroelectronics | M24512-DRMF3 [WFDFPN8]  | (2995) |
| STMicroelectronics | M24512-DRMF8 [WFDFPN8]  | (2995) |
| STMicroelectronics | M24512-DRMN3 [S08-150]  | (950)  |
| STMicroelectronics | M24512-DRMN8 [S08-150]  | (950)  |
| STMicroelectronics | M24512-DRxx3 (ISP)      | (138)  |
| STMicroelectronics | M24512-DRxx8 (ISP)      | (138)  |
| STMicroelectronics | M24512-HR (ISP)         | (138)  |
| STMicroelectronics | M24512-HR [SOIC8-150]   | (950)  |
| STMicroelectronics | M24512-R (ISP)          | (138)  |
| STMicroelectronics | M24512-R [MLP8]         | (4538) |
| STMicroelectronics | M24512-R [S08-208]      | (46)   |
| STMicroelectronics | M24512-R [SOIC8-150]    | (950)  |
| STMicroelectronics | M24512-R [TSSOP8]       | (121)  |
| STMicroelectronics | M24512-S                |        |
| STMicroelectronics | M24512-S (ISP)          | (138)  |
| STMicroelectronics | M24512-S [SOIC8]        | (46)   |
| STMicroelectronics | M24512-W                |        |
| STMicroelectronics | M24512-W (ISP)          | (138)  |
| STMicroelectronics | M24512-W [SOIC8]        | (950)  |
| STMicroelectronics | M24512-W [SOIC8-200]    | (46)   |
| STMicroelectronics | M24512-W [TSSOP8]       | (121)  |
| STMicroelectronics | M24C01                  |        |
| STMicroelectronics | M24C01 (ISP)            | (138)  |
| STMicroelectronics | M24C01 [MLP8]           | (4538) |
| STMicroelectronics | M24C01 [MSOP8]          | (605)  |
| STMicroelectronics | M24C01 [SOIC8]          | (950)  |
| STMicroelectronics | M24C01 [TSSOP8]         | (121)  |
| STMicroelectronics | M24C01-R                |        |
| STMicroelectronics | M24C01-R (ISP)          | (138)  |
| STMicroelectronics | M24C01-R [SOIC8]        | (950)  |
| STMicroelectronics | M24C01-R [TSSOP8 3x3]   | (605)  |
| STMicroelectronics | M24C01-R [TSSOP8]       | (121)  |
| STMicroelectronics | M24C01-W                |        |
| STMicroelectronics | M24C01-W (ISP)          | (138)  |
| STMicroelectronics | M24C01-W [SOIC8]        | (950)  |
| STMicroelectronics | M24C01-W [TSSOP8]       | (121)  |
| STMicroelectronics | M24C02                  |        |
| STMicroelectronics | M24C02 (ISP)            | (138)  |
| STMicroelectronics | M24C02 [MLP8]           | (4538) |
| STMicroelectronics | M24C02 [MSOP8]          | (605)  |
| STMicroelectronics | M24C02 [SOIC8]          | (950)  |
| STMicroelectronics | M24C02 [TSSOP8]         | (121)  |
| STMicroelectronics | M24C02-DRD3 [TSSOP8]    | (121)  |
| STMicroelectronics | M24C02-DRMF3 [WFDFPN8]  | (2995) |
| STMicroelectronics | M24C02-DRMN3 [S08-150]  | (950)  |
| STMicroelectronics | M24C02-DRxx3 (ISP)      | (138)  |
| STMicroelectronics | M24C02-F (ISP)          | (138)  |
| STMicroelectronics | M24C02-F [S08-150]      | (950)  |
| STMicroelectronics | M24C02-F [TSSOP8]       | (121)  |
| STMicroelectronics | M24C02-F [UFDFPN8]      | (4538) |
| STMicroelectronics | M24C02-R                |        |
| STMicroelectronics | M24C02-R (ISP)          | (138)  |
| STMicroelectronics | M24C02-R [MLP8]         | (4538) |
| STMicroelectronics | M24C02-R [SOIC8]        | (950)  |
| STMicroelectronics | M24C02-R [TSSOP8]       | (121)  |
| STMicroelectronics | M24C02-W                |        |
| STMicroelectronics | M24C02-W (ISP)          | (138)  |

|                    |                        |        |
|--------------------|------------------------|--------|
| STMicroelectronics | M24C02-W [SOIC8]       | (950)  |
| STMicroelectronics | M24C02-W [TSSOP8]      | (121)  |
| STMicroelectronics | M24C04                 |        |
| STMicroelectronics | M24C04 (ISP)           | (138)  |
| STMicroelectronics | M24C04 [MLP8]          | (4538) |
| STMicroelectronics | M24C04 [MSOP8]         | (605)  |
| STMicroelectronics | M24C04 [SOIC8]         | (950)  |
| STMicroelectronics | M24C04 [TSSOP8]        | (121)  |
| STMicroelectronics | M24C04-DRDW3 [TSSOP8]  | (121)  |
| STMicroelectronics | M24C04-DRMF3 [WFDFPN8] | (2995) |
| STMicroelectronics | M24C04-DRMN3 [SO8-150] | (950)  |
| STMicroelectronics | M24C04-DRxx3 (ISP)     | (138)  |
| STMicroelectronics | M24C04-F (ISP)         | (138)  |
| STMicroelectronics | M24C04-F [MLP8]        | (4538) |
| STMicroelectronics | M24C04-F [SO8-150]     | (950)  |
| STMicroelectronics | M24C04-F [TSSOP8]      | (121)  |
| STMicroelectronics | M24C04-R               |        |
| STMicroelectronics | M24C04-R (ISP)         | (138)  |
| STMicroelectronics | M24C04-R [MLP8]        | (4538) |
| STMicroelectronics | M24C04-R [SOIC8]       | (950)  |
| STMicroelectronics | M24C04-R [TSSOP8]      | (121)  |
| STMicroelectronics | M24C04-W               |        |
| STMicroelectronics | M24C04-W (ISP)         | (138)  |
| STMicroelectronics | M24C04-W [SOIC8]       | (950)  |
| STMicroelectronics | M24C04-W [TSSOP8]      | (121)  |
| STMicroelectronics | M24C08                 |        |
| STMicroelectronics | M24C08 (ISP)           | (138)  |
| STMicroelectronics | M24C08 [MLP8]          | (4538) |
| STMicroelectronics | M24C08 [MSOP8]         | (605)  |
| STMicroelectronics | M24C08 [SOIC8]         | (950)  |
| STMicroelectronics | M24C08 [TSSOP8]        | (121)  |
| STMicroelectronics | M24C08-DRDW8 [TSSOP8]  | (121)  |
| STMicroelectronics | M24C08-DRMF8 [WFDFPN8] | (2995) |
| STMicroelectronics | M24C08-DRMN8 [SO8-150] | (950)  |
| STMicroelectronics | M24C08-DRxx8 (ISP)     | (138)  |
| STMicroelectronics | M24C08-F (ISP)         | (138)  |
| STMicroelectronics | M24C08-F [MLP8]        | (4538) |
| STMicroelectronics | M24C08-F [SO8-150]     | (950)  |
| STMicroelectronics | M24C08-F [TSSOP8]      | (121)  |
| STMicroelectronics | M24C08-R               |        |
| STMicroelectronics | M24C08-R (ISP)         | (138)  |
| STMicroelectronics | M24C08-R [MLP8]        | (4538) |
| STMicroelectronics | M24C08-R [SOIC8]       | (950)  |
| STMicroelectronics | M24C08-R [TSSOP8 3x3]  | (605)  |
| STMicroelectronics | M24C08-R [TSSOP8]      | (121)  |
| STMicroelectronics | M24C08-W               |        |
| STMicroelectronics | M24C08-W (ISP)         | (138)  |
| STMicroelectronics | M24C08-W [SOIC8]       | (950)  |
| STMicroelectronics | M24C08-W [TSSOP8]      | (121)  |
| STMicroelectronics | M24C16                 |        |
| STMicroelectronics | M24C16 (ISP)           | (138)  |
| STMicroelectronics | M24C16 [MLP8]          | (4538) |
| STMicroelectronics | M24C16 [MSOP8]         | (605)  |
| STMicroelectronics | M24C16 [SOIC8]         | (950)  |
| STMicroelectronics | M24C16 [TSSOP8]        | (121)  |
| STMicroelectronics | M24C16-DF (ISP)        | (138)  |
| STMicroelectronics | M24C16-DRDW8 [TSSOP8]  | (121)  |
| STMicroelectronics | M24C16-DRMF8 [WFDFPN8] | (2995) |
| STMicroelectronics | M24C16-DRMN8 [SO8-150] | (950)  |
| STMicroelectronics | M24C16-DRxx8 (ISP)     | (138)  |
| STMicroelectronics | M24C16-F (ISP)         | (138)  |
| STMicroelectronics | M24C16-F [MLP8]        | (4538) |
| STMicroelectronics | M24C16-F [SO8-150]     | (950)  |
| STMicroelectronics | M24C16-F [TSSOP8]      | (121)  |
| STMicroelectronics | M24C16-R               |        |
| STMicroelectronics | M24C16-R (ISP)         | (138)  |
| STMicroelectronics | M24C16-R [MLP8]        | (4538) |
| STMicroelectronics | M24C16-R [SOIC8]       | (950)  |
| STMicroelectronics | M24C16-R [TSSOP8 3x3]  | (605)  |
| STMicroelectronics | M24C16-R [TSSOP8]      | (121)  |
| STMicroelectronics | M24C16-W               |        |
| STMicroelectronics | M24C16-W (ISP)         | (138)  |
| STMicroelectronics | M24C16-W [SOIC8]       | (950)  |
| STMicroelectronics | M24C16-W [TSSOP8]      | (121)  |
| STMicroelectronics | M24C32                 |        |
| STMicroelectronics | M24C32 (ISP)           | (138)  |
| STMicroelectronics | M24C32 [MLP8]          | (4538) |
| STMicroelectronics | M24C32 [MSOP8]         | (605)  |
| STMicroelectronics | M24C32 [SOIC8-150]     | (950)  |
| STMicroelectronics | M24C32 [SOIC8-200]     | (46)   |
| STMicroelectronics | M24C32 [TSSOP8]        | (121)  |
| STMicroelectronics | M24C32-DF (ISP)        | (138)  |
| STMicroelectronics | M24C32-DF [MLP8]       | (4538) |
| STMicroelectronics | M24C32-DF [SO8]        | (950)  |
| STMicroelectronics | M24C32-DF [TSSOP8]     | (121)  |
| STMicroelectronics | M24C32-DRDW3 [TSSOP8]  | (121)  |
| STMicroelectronics | M24C32-DRDW8 [TSSOP8]  | (121)  |
| STMicroelectronics | M24C32-DRMF3 [WFDFPN8] | (2995) |
| STMicroelectronics | M24C32-DRMF8 [WFDFPN8] | (4538) |
| STMicroelectronics | M24C32-DRMN3 [SO8-150] | (950)  |
| STMicroelectronics | M24C32-DRMN8 [SO8-150] | (950)  |
| STMicroelectronics | M24C32-DRxx3 (ISP)     | (138)  |
| STMicroelectronics | M24C32-DRxx8 (ISP)     | (138)  |
| STMicroelectronics | M24C32-F (ISP)         | (138)  |
| STMicroelectronics | M24C32-F [MLP8]        | (4538) |
| STMicroelectronics | M24C32-F [SO8-150]     | (950)  |
| STMicroelectronics | M24C32-F [TSSOP8]      | (121)  |
| STMicroelectronics | M24C32M-F (ISP)        | (138)  |
| STMicroelectronics | M24C32-R               |        |
| STMicroelectronics | M24C32-R (ISP)         | (138)  |
| STMicroelectronics | M24C32-R [MLP8]        | (4538) |
| STMicroelectronics | M24C32-R [SOIC8]       | (950)  |
| STMicroelectronics | M24C32-R [TSSOP8]      | (121)  |
| STMicroelectronics | M24C32-S               |        |
| STMicroelectronics | M24C32-S (ISP)         | (138)  |
| STMicroelectronics | M24C32-S [SOIC8]       | (950)  |
| STMicroelectronics | M24C32-S [TSSOP8]      | (121)  |
| STMicroelectronics | M24C32S-F (ISP)        | (138)  |
| STMicroelectronics | M24C32T-F (ISP)        | (138)  |
| STMicroelectronics | M24C32-W               |        |
| STMicroelectronics | M24C32-W (ISP)         | (138)  |
| STMicroelectronics | M24C32-W [SOIC8]       | (950)  |
| STMicroelectronics | M24C32-W [TSSOP8]      | (121)  |
| STMicroelectronics | M24C32-X (ISP)         | (138)  |
| STMicroelectronics | M24C32-X [MLP8]        | (4538) |
| STMicroelectronics | M24C32-X [TSSOP8]      | (121)  |
| STMicroelectronics | M24C64                 |        |
| STMicroelectronics | M24C64 (ISP)           | (138)  |
| STMicroelectronics | M24C64 [MLP8]          | (4538) |
| STMicroelectronics | M24C64 [MSOP8]         | (605)  |
| STMicroelectronics | M24C64 [SOIC8-150]     | (950)  |
| STMicroelectronics | M24C64 [SOIC8-200]     | (46)   |
| STMicroelectronics | M24C64 [TSSOP8]        | (121)  |
| STMicroelectronics | M24C64-DF (ISP)        | (138)  |
| STMicroelectronics | M24C64-DF [MLP8]       | (4538) |
| STMicroelectronics | M24C64-DF [SO8]        | (950)  |
| STMicroelectronics | M24C64-DF [TSSOP8]     | (121)  |
| STMicroelectronics | M24C64-DRDW3 [TSSOP8]  | (121)  |

|                    |              |                         |             |
|--------------------|--------------|-------------------------|-------------|
| STMicroelectronics | M24C64-DRDW8 | [TSSOP8]                | (121)       |
| STMicroelectronics | M24C64-DRMF3 | [WDFPN8]                | (4538)      |
| STMicroelectronics | M24C64-DRMF8 | [WDFPN8]                | (4538)      |
| STMicroelectronics | M24C64-DRMN3 | [SO8-150]               | (950)       |
| STMicroelectronics | M24C64-DRMN8 | [SO8-150]               | (950)       |
| STMicroelectronics | M24C64-DRxx3 | (ISP)                   | (138)       |
| STMicroelectronics | M24C64-DRxx8 | (ISP)                   | (138)       |
| STMicroelectronics | M24C64-F     | (ISP)                   | (138)       |
| STMicroelectronics | M24C64-F     | [MLP8]                  | (4538)      |
| STMicroelectronics | M24C64-F     | [SO8-150]               | (950)       |
| STMicroelectronics | M24C64-F     | [TSSOP8]                | (121)       |
| STMicroelectronics | M24C64M-F    | (ISP)                   | (138)       |
| STMicroelectronics | M24C64-R     |                         |             |
| STMicroelectronics | M24C64-R     | (ISP)                   | (138)       |
| STMicroelectronics | M24C64-R     | [MLP8]                  | (4538)      |
| STMicroelectronics | M24C64-R     | [SOIC8]                 | (950)       |
| STMicroelectronics | M24C64-R     | [TSSOP8]                | (121)       |
| STMicroelectronics | M24C64-S     |                         |             |
| STMicroelectronics | M24C64-S     | (ISP)                   | (138)       |
| STMicroelectronics | M24C64-S     | [SOIC8]                 | (950)       |
| STMicroelectronics | M24C64-S     | [TSSOP8]                | (121)       |
| STMicroelectronics | M24C64S-F    | (ISP)                   | (138)       |
| STMicroelectronics | M24C64T-F    | (ISP)                   | (138)       |
| STMicroelectronics | M24C64-W     |                         |             |
| STMicroelectronics | M24C64-W     | (ISP)                   | (138)       |
| STMicroelectronics | M24C64-W     | [SOIC8]                 | (950)       |
| STMicroelectronics | M24C64-W     | [TSSOP8]                | (121)       |
| STMicroelectronics | M24LR04E-R   | [SO8-150]               | (4210)      |
| STMicroelectronics | M24LR04E-R   | [UDFPN8]                | (3740)      |
| STMicroelectronics | M24LR16E-R   | [SO8-150]               | (4210)      |
| STMicroelectronics | M24LR16E-R   | [UDFPN8]                | (3740)      |
| STMicroelectronics | M24LR64E-R   | [SO8-150]               | (4210)      |
| STMicroelectronics | M24LR64E-R   | [UDFPN8]                | (3740)      |
| STMicroelectronics | M24LR64-R    | [MLP8]                  | (4538)      |
| STMicroelectronics | M24LR64-R    | [SOIC8]                 | (950)       |
| STMicroelectronics | M24LR64-R    | [TSSOP8]                | (121)       |
| STMicroelectronics | M24M01-DF    | (ISP)                   | (138)       |
| STMicroelectronics | M24M01-DF    | [SO8-150]               | (950)       |
| STMicroelectronics | M24M01-DF    | [TSSOP8]                | (121)       |
| STMicroelectronics | M24M01-DWDW3 | [TSSOP8]                | (121)       |
| STMicroelectronics | M24M01-DWMN3 | [SO8-150]               | (950)       |
| STMicroelectronics | M24M01-DWxx3 | (ISP)                   | (138)       |
| STMicroelectronics | M24M01-HR    | (ISP)                   | (138)       |
| STMicroelectronics | M24M01-HR    | [SO8-150]               | (950)       |
| STMicroelectronics | M24M01-HR    | [SO8-200]               | (46)        |
| STMicroelectronics | M24M01-R     | (ISP)                   | (138)       |
| STMicroelectronics | M24M01-R     | [SO8-150]               | (950)       |
| STMicroelectronics | M24M01-R     | [SO8-200]               | (46)        |
| STMicroelectronics | M24M01-R     | [TSSOP8]                | (121)       |
| STMicroelectronics | M24M01-R     | [WLCSF8]                | (2903)      |
| STMicroelectronics | M24M01-S     |                         |             |
| STMicroelectronics | M24M01-S     | (ISP)                   | (138)       |
| STMicroelectronics | M24M01-V     |                         |             |
| STMicroelectronics | M24M01-V     | (ISP)                   | (138)       |
| STMicroelectronics | M24M02-DR    | (ISP)                   | (138)       |
| STMicroelectronics | M24M02-DR    | [SO8-150]               | (950)       |
| STMicroelectronics | M25P05-AV    | (ISP)                   | (138)       |
| STMicroelectronics | M25P05-AV    | [MLP8]                  | (3097) (*1) |
| STMicroelectronics | M25P05-AV    | [SOIC8]                 | (3095) (*1) |
| STMicroelectronics | M25P05-AV    | [TSSOP8]                | (1388)      |
| STMicroelectronics | M25P05-AV    | [UDFPN8]                | (3934) (*1) |
| STMicroelectronics | M25P05-V     | (ISP)                   | (138)       |
| STMicroelectronics | M25P05-V     | [SOIC8]                 | (3095) (*1) |
| STMicroelectronics | M25P10-AV    | (ISP)                   | (138)       |
| STMicroelectronics | M25P10-AV    | [MLP8]                  | (3097) (*1) |
| STMicroelectronics | M25P10-AV    | [SOIC8]                 | (3095) (*1) |
| STMicroelectronics | M25P10-AV    | [UDFPN8]                | (3934) (*1) |
| STMicroelectronics | M25P10-V     | (ISP)                   | (138)       |
| STMicroelectronics | M25P10-V     | [SOIC8-150]             | (3095) (*1) |
| STMicroelectronics | M25P10-V     | [SOIC8-200]             | (3088) (*1) |
| STMicroelectronics | M25P128-V    | (ISP)                   | (138)       |
| STMicroelectronics | M25P128-V    | [MLP8]                  | (3053) (*1) |
| STMicroelectronics | M25P128-V    | [SO16]                  | (3101) (*1) |
| STMicroelectronics | M25P16-V     | (ISP)                   | (138)       |
| STMicroelectronics | M25P16-V     | [MLP8]                  | (3053) (*1) |
| STMicroelectronics | M25P16-V     | [SO8N]                  | (3095) (*1) |
| STMicroelectronics | M25P16-V     | [SO8W]                  | (3088) (*1) |
| STMicroelectronics | M25P16-V     | [SOIC16]                | (3101) (*1) |
| STMicroelectronics | M25P16-V     | [VFQFPN8]               | (3097) (*1) |
| STMicroelectronics | M25P20-V     | (ISP)                   | (138)       |
| STMicroelectronics | M25P20-V     | [MLP8]                  | (3097) (*1) |
| STMicroelectronics | M25P20-V     | [SOIC8]                 | (3095) (*1) |
| STMicroelectronics | M25P32-V     | (ISP)                   | (138)       |
| STMicroelectronics | M25P32-V     | [MLP8]                  | (3053) (*1) |
| STMicroelectronics | M25P32-V     | [SO8W]                  | (3088) (*1) |
| STMicroelectronics | M25P32-V     | [SOIC16]                | (3101) (*1) |
| STMicroelectronics | M25P32-V     | [VFQFPN8]               | (3097) (*1) |
| STMicroelectronics | M25P40-V     | (ISP)                   | (138)       |
| STMicroelectronics | M25P40-V     | [MLP8]                  | (3097) (*1) |
| STMicroelectronics | M25P40-V     | [SOIC8]                 | (3095) (*1) |
| STMicroelectronics | M25P64-V     | (ISP)                   | (138)       |
| STMicroelectronics | M25P64-V     | [MLP8]                  | (3053) (*1) |
| STMicroelectronics | M25P64-V     | [MLP8] (T9HX Process)   | (3053) (*1) |
| STMicroelectronics | M25P64-V     | [SOIC16]                | (3101) (*1) |
| STMicroelectronics | M25P64-V     | [SOIC16] (T9HX Process) | (3101) (*1) |
| STMicroelectronics | M25P80-V     | (ISP)                   | (138)       |
| STMicroelectronics | M25P80-V     | [MLP8]                  | (3097) (*1) |
| STMicroelectronics | M25P80-V     | [SO16]                  | (3101) (*1) |
| STMicroelectronics | M25P80-V     | [SO8N]                  | (3095) (*1) |
| STMicroelectronics | M25P80-V     | [SOIC8]                 | (3088) (*1) |
| STMicroelectronics | M25PE10-V    | (T7X Process) (ISP)     | (138)       |
| STMicroelectronics | M25PE10-V    | (T7X Process) [MLP8]    | (3097) (*1) |
| STMicroelectronics | M25PE10-V    | (T7X Process) [SO8N]    | (3095) (*1) |
| STMicroelectronics | M25PE10-V    | (T9HX Process) (ISP)    | (138)       |
| STMicroelectronics | M25PE10-V    | (T9HX Process) [MLP8]   | (3097) (*1) |
| STMicroelectronics | M25PE10-V    | (T9HX Process) [SO8N]   | (3095) (*1) |
| STMicroelectronics | M25PE16-V    | (ISP)                   | (138)       |
| STMicroelectronics | M25PE16-V    | [MLP8]                  | (3097) (*1) |
| STMicroelectronics | M25PE16-V    | [SO8]                   | (3088) (*1) |
| STMicroelectronics | M25PE20-V    | (T7X Process) (ISP)     | (138)       |
| STMicroelectronics | M25PE20-V    | (T7X Process) [MLP8]    | (3097) (*1) |
| STMicroelectronics | M25PE20-V    | (T7X Process) [SO8N]    | (3095) (*1) |
| STMicroelectronics | M25PE20-V    | (T9HX Process) (ISP)    | (138)       |
| STMicroelectronics | M25PE20-V    | (T9HX Process) [MLP8]   | (3097) (*1) |
| STMicroelectronics | M25PE20-V    | (T9HX Process) [SO8N]   | (3095) (*1) |
| STMicroelectronics | M25PE32-V    | (ISP)                   | (138)       |
| STMicroelectronics | M25PE32-V    | [SO8]                   | (3088) (*1) |
| STMicroelectronics | M25PE40-V    | (T7X Process) (ISP)     | (138)       |
| STMicroelectronics | M25PE40-V    | (T7X Process) [MLP8]    | (3097) (*1) |
| STMicroelectronics | M25PE40-V    | (T7X Process) [SO8W]    | (3088) (*1) |
| STMicroelectronics | M25PE40-V    | (T9HX Process) (ISP)    | (138)       |
| STMicroelectronics | M25PE40-V    | (T9HX Process) [MLP8]   | (3097) (*1) |
| STMicroelectronics | M25PE40-V    | (T9HX Process) [SO8N]   | (3095) (*1) |
| STMicroelectronics | M25PE40-V    | (T9HX Process) [SO8W]   | (3088) (*1) |
| STMicroelectronics | M25PE64-V    | (ISP)                   | (138)       |
| STMicroelectronics | M25PE64-V    | [SO8]                   | (3088) (*1) |
| STMicroelectronics | M25PE80-V    | (T7X Process) (ISP)     | (138)       |
| STMicroelectronics | M25PE80-V    | (T7X Process) [MLP8]    | (3097) (*1) |

|                    |                                  |             |
|--------------------|----------------------------------|-------------|
| STMicroelectronics | M25PE80-V (T7X Process) [SO8W]   | (3088) (*1) |
| STMicroelectronics | M25PE80-V (T9HX Process) (ISP)   | (138)       |
| STMicroelectronics | M25PE80-V (T9HX Process) [MLP8]  | (3097) (*1) |
| STMicroelectronics | M25PE80-V (T9HX Process) [QFN8L] | (3097) (*1) |
| STMicroelectronics | M25PE80-V (T9HX Process) [SO8N]  | (3095) (*1) |
| STMicroelectronics | M25PE80-V (T9HX Process) [SO8W]  | (3088) (*1) |
| STMicroelectronics | M25PF32-V (ISP)                  | (138)       |
| STMicroelectronics | M25PF32-V [SO16]                 | (3101) (*1) |
| STMicroelectronics | M25PF32-V [SO8W]                 | (3088) (*1) |
| STMicroelectronics | M25PF32-V [VFQFPN8]              | (3097) (*1) |
| STMicroelectronics | M25PX32-V (ISP)                  | (138)       |
| STMicroelectronics | M25PX32-V [SO16]                 | (3101) (*1) |
| STMicroelectronics | M25PX32-V [SO16] (DualSPI)       | (3101) (*1) |
| STMicroelectronics | M25PX32-V [SO8W]                 | (3088) (*1) |
| STMicroelectronics | M25PX32-V [SO8W] (DualSPI)       | (3088) (*1) |
| STMicroelectronics | M25PX32-V [TBGA24]               | (1343) (*1) |
| STMicroelectronics | M25PX32-V [TBGA24] (Dual I/O)    | (1343) (*1) |
| STMicroelectronics | M25PX32-V [VFQFPN8]              | (3097) (*1) |
| STMicroelectronics | M25PX32-V [VFQFPN8] (DualSPI)    | (3097) (*1) |
| STMicroelectronics | M25PX64-V (ISP)                  | (138)       |
| STMicroelectronics | M25PX64-V [MLP8]                 | (3053) (*1) |
| STMicroelectronics | M25PX64-V [MLP8] (DualSPI)       | (3053) (*1) |
| STMicroelectronics | M25PX64-V [SO16]                 | (3101) (*1) |
| STMicroelectronics | M25PX64-V [SO16] (DualSPI)       | (3101) (*1) |
| STMicroelectronics | M2708                            | (2)         |
| STMicroelectronics | M27128A                          |             |
| STMicroelectronics | M2716                            |             |
| STMicroelectronics | M27256                           |             |
| STMicroelectronics | M2732A                           |             |
| STMicroelectronics | M27512                           |             |
| STMicroelectronics | M2764                            |             |
| STMicroelectronics | M2764A                           |             |
| STMicroelectronics | M27C1000                         |             |
| STMicroelectronics | M27C1000 [PLCC32]                | (59)        |
| STMicroelectronics | M27C1001                         |             |
| STMicroelectronics | M27C1001 [PLCC32]                | (59)        |
| STMicroelectronics | M27C1001 [TSOP32]                | (655)       |
| STMicroelectronics | M27C1024                         |             |
| STMicroelectronics | M27C1024 [PLCC44]                | (67)        |
| STMicroelectronics | M27C1024 [TSOP40]                | (56)        |
| STMicroelectronics | M27C128A                         |             |
| STMicroelectronics | M27C128B                         |             |
| STMicroelectronics | M27C160                          |             |
| STMicroelectronics | M27C160 [PLCC44]                 | (67)        |
| STMicroelectronics | M27C160 [PSOP44]                 | (65)        |
| STMicroelectronics | M27C160 [SDIP42]                 | (164)       |
| STMicroelectronics | M27C2001                         |             |
| STMicroelectronics | M27C2001 [PLCC32]                | (59)        |
| STMicroelectronics | M27C2001 [TSOP32]                | (655)       |
| STMicroelectronics | M27C202                          |             |
| STMicroelectronics | M27C202 [PLCC44]                 | (67)        |
| STMicroelectronics | M27C202 [TSOP40]                 | (56)        |
| STMicroelectronics | M27C256B                         |             |
| STMicroelectronics | M27C256B [PLCC32]                | (59)        |
| STMicroelectronics | M27C256B [TSOP28]                | (54)        |
| STMicroelectronics | M27C320 [PSOP44]                 | (65)        |
| STMicroelectronics | M27C320 [TSOP48]                 | (57)        |
| STMicroelectronics | M27C322                          |             |
| STMicroelectronics | M27C322 [SDIP42]                 | (164)       |
| STMicroelectronics | M27C400                          |             |
| STMicroelectronics | M27C400 [PLCC44]                 | (67)        |
| STMicroelectronics | M27C4001                         |             |
| STMicroelectronics | M27C4001 [PLCC32]                | (59)        |
| STMicroelectronics | M27C4001 [TSOP32]                | (655)       |
| STMicroelectronics | M27C4002                         |             |
| STMicroelectronics | M27C4002 [PLCC44]                | (67)        |
| STMicroelectronics | M27C4002 [TSOP40]                | (656)       |
| STMicroelectronics | M27C405                          |             |
| STMicroelectronics | M27C405 [PLCC32]                 | (59)        |
| STMicroelectronics | M27C405 [TSOP32]                 | (655)       |
| STMicroelectronics | M27C512                          |             |
| STMicroelectronics | M27C512 [PLCC32]                 | (59)        |
| STMicroelectronics | M27C512 [TSOP28]                 | (54)        |
| STMicroelectronics | M27C513                          |             |
| STMicroelectronics | M27C516                          |             |
| STMicroelectronics | M27C516 [PLCC44]                 | (67)        |
| STMicroelectronics | M27C516 [TSOP40]                 | (56)        |
| STMicroelectronics | M27C64A                          |             |
| STMicroelectronics | M27C64A [PLCC32]                 | (59)        |
| STMicroelectronics | M27C800                          |             |
| STMicroelectronics | M27C800 [PLCC44]                 | (67)        |
| STMicroelectronics | M27C800 [PSOP44]                 | (65)        |
| STMicroelectronics | M27C801                          |             |
| STMicroelectronics | M27C801 [PLCC32]                 | (59)        |
| STMicroelectronics | M27C801 [TSOP32]                 | (655)       |
| STMicroelectronics | M27HC641                         |             |
| STMicroelectronics | M27V101                          |             |
| STMicroelectronics | M27V101 [PLCC32]                 | (59)        |
| STMicroelectronics | M27V101 [TSOP32]                 | (655)       |
| STMicroelectronics | M27V102                          |             |
| STMicroelectronics | M27V102 [PLCC44]                 | (67)        |
| STMicroelectronics | M27V102 [TSOP40]                 | (56)        |
| STMicroelectronics | M27V160                          |             |
| STMicroelectronics | M27V160 [PLCC44]                 | (67)        |
| STMicroelectronics | M27V160 [PSOP44]                 | (65)        |
| STMicroelectronics | M27V160 [SDIP42]                 | (164)       |
| STMicroelectronics | M27V201                          |             |
| STMicroelectronics | M27V201 [PLCC32]                 | (59)        |
| STMicroelectronics | M27V201 [TSOP32 14mm]            | (56)        |
| STMicroelectronics | M27V201 [TSOP32 20mm]            | (655)       |
| STMicroelectronics | M27V256                          |             |
| STMicroelectronics | M27V256 [PLCC32]                 | (59)        |
| STMicroelectronics | M27V256 [TSOP28]                 | (54)        |
| STMicroelectronics | M27V322                          |             |
| STMicroelectronics | M27V322 [SDIP42]                 | (164)       |
| STMicroelectronics | M27V400                          |             |
| STMicroelectronics | M27V401                          |             |
| STMicroelectronics | M27V401 [PLCC32]                 | (59)        |
| STMicroelectronics | M27V401 [TSOP32]                 | (655)       |
| STMicroelectronics | M27V402                          |             |
| STMicroelectronics | M27V402 [PLCC44]                 | (67)        |
| STMicroelectronics | M27V402 [TSOP40]                 | (656)       |
| STMicroelectronics | M27V405                          |             |
| STMicroelectronics | M27V405 [PLCC32]                 | (59)        |
| STMicroelectronics | M27V405 [TSOP32]                 | (655)       |
| STMicroelectronics | M27V512                          |             |
| STMicroelectronics | M27V512 [PLCC32]                 | (59)        |
| STMicroelectronics | M27V512 [TSOP28]                 | (54)        |
| STMicroelectronics | M27V800                          |             |
| STMicroelectronics | M27V800 [PLCC44]                 | (67)        |
| STMicroelectronics | M27V800 [PSOP44]                 | (65)        |
| STMicroelectronics | M27V801                          |             |
| STMicroelectronics | M27V801 [PLCC32]                 | (59)        |
| STMicroelectronics | M27V801 [TSOP32]                 | (655)       |
| STMicroelectronics | M27W016                          |             |
| STMicroelectronics | M27W016 [PSOP44]                 | (65)        |
| STMicroelectronics | M27W016 [SDIP42]                 | (164)       |
| STMicroelectronics | M27W016 [TSOP48]                 | (57)        |



|                    |               |               |        |
|--------------------|---------------|---------------|--------|
| STMicroelectronics | M27W032       | [PSOP44]      | (65)   |
| STMicroelectronics | M27W032       | [TSOP48]      | (57)   |
| STMicroelectronics | M27W064       | [PSOP44]      | (65)   |
| STMicroelectronics | M27W064       | [TSOP48]      | (57)   |
| STMicroelectronics | M27W101       |               |        |
| STMicroelectronics | M27W101       | [PLCC32]      | (59)   |
| STMicroelectronics | M27W101       | [TSOP32]      | (655)  |
| STMicroelectronics | M27W102       |               |        |
| STMicroelectronics | M27W102       | [PLCC44]      | (67)   |
| STMicroelectronics | M27W102       | [TSOP40]      | (56)   |
| STMicroelectronics | M27W160       |               |        |
| STMicroelectronics | M27W160       | [PSOP44]      | (65)   |
| STMicroelectronics | M27W201       |               |        |
| STMicroelectronics | M27W201       | [PLCC32]      | (59)   |
| STMicroelectronics | M27W201       | [TSOP32 14mm] | (56)   |
| STMicroelectronics | M27W201       | [TSOP32 20mm] | (655)  |
| STMicroelectronics | M27W202       |               |        |
| STMicroelectronics | M27W202       | [PLCC44]      | (67)   |
| STMicroelectronics | M27W202       | [TSOP40]      | (56)   |
| STMicroelectronics | M27W256       |               |        |
| STMicroelectronics | M27W256       | [PLCC32]      | (59)   |
| STMicroelectronics | M27W256       | [TSOP28]      | (54)   |
| STMicroelectronics | M27W400       |               |        |
| STMicroelectronics | M27W400       | [PLCC44]      | (67)   |
| STMicroelectronics | M27W401       |               |        |
| STMicroelectronics | M27W401       | [PLCC32]      | (59)   |
| STMicroelectronics | M27W401       | [TSOP32]      | (655)  |
| STMicroelectronics | M27W402       |               |        |
| STMicroelectronics | M27W402       | [PLCC44]      | (67)   |
| STMicroelectronics | M27W402       | [TSOP40]      | (656)  |
| STMicroelectronics | M27W512       |               |        |
| STMicroelectronics | M27W512       | [PLCC32]      | (59)   |
| STMicroelectronics | M27W512       | [TSOP28]      | (54)   |
| STMicroelectronics | M27W801       |               |        |
| STMicroelectronics | M27W801       | [PLCC32]      | (59)   |
| STMicroelectronics | M27W801       | [TSOP32]      | (655)  |
| STMicroelectronics | M28010        |               |        |
| STMicroelectronics | M28010        | [PLCC32]      | (59)   |
| STMicroelectronics | M28010        | [TSOP32]      | (655)  |
| STMicroelectronics | M28010-xxw    |               |        |
| STMicroelectronics | M28010-xxw    | [PLCC32]      | (59)   |
| STMicroelectronics | M28010-xxw    | [TSOP32]      | (655)  |
| STMicroelectronics | M28256        |               |        |
| STMicroelectronics | M28256        | [PLCC32]      | (59)   |
| STMicroelectronics | M28256        | [SOIC28]      | (51)   |
| STMicroelectronics | M28256        | [TSOP28]      | (54)   |
| STMicroelectronics | M28256-xxw    |               |        |
| STMicroelectronics | M28256-xxw    | [PLCC32]      | (59)   |
| STMicroelectronics | M28256-xxw    | [SOIC28]      | (51)   |
| STMicroelectronics | M28256-xxw    | [TSOP28]      | (54)   |
| STMicroelectronics | M28C17        |               |        |
| STMicroelectronics | M28C17        | [PLCC32]      | (59)   |
| STMicroelectronics | M28C17        | [SOIC28]      | (51)   |
| STMicroelectronics | M28C64        |               |        |
| STMicroelectronics | M28C64        | [PLCC32]      | (59)   |
| STMicroelectronics | M28C64        | [SOIC28]      | (51)   |
| STMicroelectronics | M28C64        | [TSOP28]      | (54)   |
| STMicroelectronics | M28C64C       |               |        |
| STMicroelectronics | M28C64C       | [PLCC32]      | (59)   |
| STMicroelectronics | M28C64C       | [SOIC28]      | (51)   |
| STMicroelectronics | M28C64C       | [TSOP28]      | (54)   |
| STMicroelectronics | M28C64X       |               |        |
| STMicroelectronics | M28C64X       | [PLCC32]      | (59)   |
| STMicroelectronics | M28C64X       | [SOIC28]      | (51)   |
| STMicroelectronics | M28C64X       | [TSOP28]      | (54)   |
| STMicroelectronics | M28F101       |               |        |
| STMicroelectronics | M28F101       | [PLCC32]      | (1399) |
| STMicroelectronics | M28F101       | [R-TSOP32]    | (1415) |
| STMicroelectronics | M28F101       | [TSOP32]      | (1414) |
| STMicroelectronics | M28F102       | [PLCC44]      | (67)   |
| STMicroelectronics | M28F102       | [TSOP40]      | (1365) |
| STMicroelectronics | M28F151B      |               |        |
| STMicroelectronics | M28F151B      | [PLCC32]      | (1399) |
| STMicroelectronics | M28F151B      | [TSOP32]      | (1414) |
| STMicroelectronics | M28F151T      |               |        |
| STMicroelectronics | M28F151T      | [PLCC32]      | (1399) |
| STMicroelectronics | M28F151T      | [TSOP32]      | (1414) |
| STMicroelectronics | M28F201       | [PLCC32]      | (1399) |
| STMicroelectronics | M28F201       | [R-TSOP32]    | (1415) |
| STMicroelectronics | M28F201       | [TSOP32]      | (1414) |
| STMicroelectronics | M28F210       | [PSOP44]      | (1356) |
| STMicroelectronics | M28F210       | [TSOP48]      | (1346) |
| STMicroelectronics | M28F220       | [PSOP44]      | (1356) |
| STMicroelectronics | M28F220       | [TSOP48]      | (1346) |
| STMicroelectronics | M28F256       |               |        |
| STMicroelectronics | M28F256       | [PLCC32]      | (1399) |
| STMicroelectronics | M28F256A      |               |        |
| STMicroelectronics | M28F256A      | [PLCC32]      | (1399) |
| STMicroelectronics | M28F410       | [PSOP44]      | (1356) |
| STMicroelectronics | M28F411       | [TSOP40]      | (1368) |
| STMicroelectronics | M28F420       | [PSOP44]      | (1356) |
| STMicroelectronics | M28F421       | [TSOP40]      | (1368) |
| STMicroelectronics | M28F512       |               |        |
| STMicroelectronics | M28F512       | [PLCC32]      | (1399) |
| STMicroelectronics | M28LV64C      |               |        |
| STMicroelectronics | M28LV64C      | [PLCC32]      | (59)   |
| STMicroelectronics | M28LV64C      | [SOIC28]      | (51)   |
| STMicroelectronics | M28LV64C      | [TSOP28]      | (54)   |
| STMicroelectronics | M28LV64X      |               |        |
| STMicroelectronics | M28LV64X      | [PLCC32]      | (59)   |
| STMicroelectronics | M28LV64X      | [SOIC28]      | (51)   |
| STMicroelectronics | M28LV64X      | [TSOP28]      | (54)   |
| STMicroelectronics | M28R400CB     | [TFBGA46]     | (834)  |
| STMicroelectronics | M28R400CT     | [TFBGA46]     | (834)  |
| STMicroelectronics | M28V161       | [PSOP44]      | (1357) |
| STMicroelectronics | M28V161       | [R-TSOP48]    | (1354) |
| STMicroelectronics | M28V161       | [TSOP48]      | (1350) |
| STMicroelectronics | M28V201       | [PLCC32]      | (1399) |
| STMicroelectronics | M28V201       | [TSOP32]      | (1414) |
| STMicroelectronics | M28V430       | [PSOP44]      | (1356) |
| STMicroelectronics | M28V430       | [TSOP48]      | (1346) |
| STMicroelectronics | M28V440       | [PSOP44]      | (1356) |
| STMicroelectronics | M28V440       | [TSOP48]      | (1346) |
| STMicroelectronics | M28V841       | [PSOP44]      | (1357) |
| STMicroelectronics | M28V841       | [R-TSOP40]    | (1374) |
| STMicroelectronics | M28V841       | [TSOP40]      | (1367) |
| STMicroelectronics | M28W160B      | [TSOP48]      | (1346) |
| STMicroelectronics | M28W160BB     | [TSOP48]      | (1346) |
| STMicroelectronics | M28W160BBxxGB | [uBGA46]      | (834)  |
| STMicroelectronics | M28W160BBxxZB | [TFBGA46]     | (834)  |
| STMicroelectronics | M28W160BT     | [TSOP48]      | (1346) |
| STMicroelectronics | M28W160BTxxGB | [uBGA46]      | (834)  |
| STMicroelectronics | M28W160BTxxZB | [TFBGA46]     | (834)  |
| STMicroelectronics | M28W160CB     | [TSOP48]      | (1346) |
| STMicroelectronics | M28W160CBxxZB | [TFBGA46]     | (834)  |
| STMicroelectronics | M28W160CT     | [TSOP48]      | (1346) |
| STMicroelectronics | M28W160CTxxZB | [TFBGA46]     | (834)  |
| STMicroelectronics | M28W160ECB    | [TSOP48]      | (1346) |

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|--------------------|--------------------------|--------|
| STMicroelectronics | M28w160ECBxxZB [TFBGA46] | (834)  |
| STMicroelectronics | M28w160ECT [TSOP48]      | (1346) |
| STMicroelectronics | M28w160ECTxxZB [TFBGA46] | (834)  |
| STMicroelectronics | M28w160ESB [TBGA64]      | (589)  |
| STMicroelectronics | M28w160EST [TBGA64]      | (589)  |
| STMicroelectronics | M28w160FSB [TBGA64]      | (589)  |
| STMicroelectronics | M28w160FST [TBGA64]      | (589)  |
| STMicroelectronics | M28w160T [TSOP48]        | (1346) |
| STMicroelectronics | M28w320BB [TSOP48]       | (1346) |
| STMicroelectronics | M28w320BT [TSOP48]       | (1346) |
| STMicroelectronics | M28w320CB [TSOP48]       | (1346) |
| STMicroelectronics | M28w320CT [TSOP48]       | (1346) |
| STMicroelectronics | M28w320EBB [TSOP48]      | (1346) |
| STMicroelectronics | M28w320EBBxxZB [TFBGA47] | (834)  |
| STMicroelectronics | M28w320EBT [TSOP48]      | (1346) |
| STMicroelectronics | M28w320EBTxxZB [TFBGA47] | (834)  |
| STMicroelectronics | M28w320ECB [TSOP48]      | (1346) |
| STMicroelectronics | M28w320ECBxxZB [TFBGA47] | (834)  |
| STMicroelectronics | M28w320ECT [TSOP48]      | (1346) |
| STMicroelectronics | M28w320ECTxxZB [TFBGA47] | (834)  |
| STMicroelectronics | M28w320FCB [TSOP48]      | (1346) |
| STMicroelectronics | M28w320FCBxxZB [TFBGA47] | (834)  |
| STMicroelectronics | M28w320FCT [TSOP48]      | (1346) |
| STMicroelectronics | M28w320FCTxxZB [TFBGA47] | (834)  |
| STMicroelectronics | M28w320FSBxxZA [TBGA64]  | (589)  |
| STMicroelectronics | M28w320FSBxxZB [TFBGA47] | (834)  |
| STMicroelectronics | M28w320FSTxxZA [TBGA64]  | (589)  |
| STMicroelectronics | M28w320FSTxxZB [TFBGA47] | (834)  |
| STMicroelectronics | M28w320FSUxxZA [TBGA64]  | (589)  |
| STMicroelectronics | M28w320FSUxxZB [TFBGA47] | (834)  |
| STMicroelectronics | M28w320HCB [TSOP48]      | (1346) |
| STMicroelectronics | M28w320HCBxxZB [TFBGA47] | (774)  |
| STMicroelectronics | M28w320HCT [TSOP48]      | (1346) |
| STMicroelectronics | M28w320HCTxxZB [TFBGA47] | (774)  |
| STMicroelectronics | M28w320HSBxxZA [TBGA64]  | (589)  |
| STMicroelectronics | M28w320HSBxxZB [TFBGA47] | (834)  |
| STMicroelectronics | M28w320HSTxxZA [TBGA64]  | (589)  |
| STMicroelectronics | M28w320HSTxxZB [TFBGA47] | (834)  |
| STMicroelectronics | M28w320HSUxxZA [TBGA64]  | (589)  |
| STMicroelectronics | M28w320HSUxxZB [TFBGA47] | (834)  |
| STMicroelectronics | M28w430 [PSOP44]         | (1356) |
| STMicroelectronics | M28w430 [TSOP48]         | (1346) |
| STMicroelectronics | M28w440 [PSOP44]         | (1356) |
| STMicroelectronics | M28w440 [TSOP48]         | (1346) |
| STMicroelectronics | M28w640CB [TSOP48]       | (1346) |
| STMicroelectronics | M28w640CT [TSOP48]       | (1346) |
| STMicroelectronics | M28w640ECB [TSOP48]      | (1346) |
| STMicroelectronics | M28w640ECT [TSOP48]      | (1346) |
| STMicroelectronics | M28w640FCB [TSOP48]      | (1346) |
| STMicroelectronics | M28w640FCBxxZB [TFBGA48] | (1017) |
| STMicroelectronics | M28w640FCT [TSOP48]      | (1346) |
| STMicroelectronics | M28w640FCTxxZB [TFBGA48] | (1017) |
| STMicroelectronics | M28w640FSBxxZA [TBGA64]  | (589)  |
| STMicroelectronics | M28w640FSTxxZA [TBGA64]  | (589)  |
| STMicroelectronics | M28w640FSUxxZA [TBGA64]  | (589)  |
| STMicroelectronics | M28w640HCB [TSOP48]      | (1346) |
| STMicroelectronics | M28w640HCBxxZB [TBGA48]  | (1017) |
| STMicroelectronics | M28w640HCT [TSOP48]      | (1346) |
| STMicroelectronics | M28w640HCTxxZB [TBGA48]  | (1017) |
| STMicroelectronics | M28w640HSBxxZA [TBGA64]  | (589)  |
| STMicroelectronics | M28w640HSBxxZB [TFBGA48] | (834)  |
| STMicroelectronics | M28w640HSTxxZA [TBGA64]  | (589)  |
| STMicroelectronics | M28w640HSTxxZB [TFBGA48] | (834)  |
| STMicroelectronics | M28w640HSUxxZA [TBGA64]  | (589)  |
| STMicroelectronics | M28w640HSUxxZB [TFBGA48] | (834)  |
| STMicroelectronics | M28w800BB [TSOP48]       | (1346) |
| STMicroelectronics | M28w800BT [TSOP48]       | (1346) |
| STMicroelectronics | M28w800CB [TSOP48]       | (1346) |
| STMicroelectronics | M28w800CT [TSOP48]       | (1346) |
| STMicroelectronics | M29dw127G [TBGA64]       | (775)  |
| STMicroelectronics | M29dw127G [TSOP56]       | (3080) |
| STMicroelectronics | M29dw128F [TBGA64]       | (775)  |
| STMicroelectronics | M29dw128F [TSOP56]       | (3080) |
| STMicroelectronics | M29dw128G [TBGA64]       | (775)  |
| STMicroelectronics | M29dw128G [TSOP56]       | (3080) |
| STMicroelectronics | M29dw256G [TBGA64]       | (1319) |
| STMicroelectronics | M29dw256G [TBGA64]       | (775)  |
| STMicroelectronics | M29dw256G [TSOP56]       | (3080) |
| STMicroelectronics | M29dw323DB [TSOP48]      | (1346) |
| STMicroelectronics | M29dw323DBxxZE [TFBGA48] | (859)  |
| STMicroelectronics | M29dw323DT [TSOP48]      | (1346) |
| STMicroelectronics | M29dw323DTxxZE [TFBGA48] | (859)  |
| STMicroelectronics | M29dw324DB [TSOP48]      | (1346) |
| STMicroelectronics | M29dw324DBxxZE [TFBGA48] | (859)  |
| STMicroelectronics | M29dw324DT [TSOP48]      | (1346) |
| STMicroelectronics | M29dw324DTxxZE [TFBGA48] | (859)  |
| STMicroelectronics | M29dw640D [TSOP48]       | (1346) |
| STMicroelectronics | M29dw640F [TSOP48]       | (1346) |
| STMicroelectronics | M29dw640FxxZE [TFBGA48]  | (859)  |
| STMicroelectronics | M29dw641F [TFBGA48]      | (859)  |
| STMicroelectronics | M29dw641F [TSOP48]       | (1346) |
| STMicroelectronics | M29F002B                 |        |
| STMicroelectronics | M29F002B [PLCC32]        | (1399) |
| STMicroelectronics | M29F002B [TSOP32]        | (1414) |
| STMicroelectronics | M29F002BB                |        |
| STMicroelectronics | M29F002BB [PLCC32]       | (1399) |
| STMicroelectronics | M29F002BB [TSOP32]       | (1414) |
| STMicroelectronics | M29F002BNB               |        |
| STMicroelectronics | M29F002BNB [PLCC32]      | (1399) |
| STMicroelectronics | M29F002BNB [TSOP32]      | (1414) |
| STMicroelectronics | M29F002BNT               |        |
| STMicroelectronics | M29F002BNT [PLCC32]      | (1399) |
| STMicroelectronics | M29F002BNT [TSOP32]      | (1414) |
| STMicroelectronics | M29F002BT                |        |
| STMicroelectronics | M29F002BT [PLCC32]       | (1399) |
| STMicroelectronics | M29F002BT [TSOP32]       | (1414) |
| STMicroelectronics | M29F002NT                |        |
| STMicroelectronics | M29F002NT [PLCC32]       | (1399) |
| STMicroelectronics | M29F002NT [TSOP32]       | (1414) |
| STMicroelectronics | M29F002T                 |        |
| STMicroelectronics | M29F002T [PLCC32]        | (1399) |
| STMicroelectronics | M29F002T [TSOP32]        | (1414) |
| STMicroelectronics | M29F010B                 |        |
| STMicroelectronics | M29F010B [PLCC32]        | (1399) |
| STMicroelectronics | M29F010B [TSOP32]        | (1414) |
| STMicroelectronics | M29F016B [PSOP44]        | (1357) |
| STMicroelectronics | M29F016B [TSOP40]        | (1369) |
| STMicroelectronics | M29F016D [PSOP44]        | (1357) |
| STMicroelectronics | M29F016D [TSOP40]        | (1369) |
| STMicroelectronics | M29F032D [TSOP40]        | (1369) |
| STMicroelectronics | M29F040 [PLCC32]         | (1384) |
| STMicroelectronics | M29F040 [TSOP32]         | (1381) |
| STMicroelectronics | M29F040B                 |        |
| STMicroelectronics | M29F040B [PLCC32]        | (1384) |
| STMicroelectronics | M29F040B [TSOP32]        | (1381) |
| STMicroelectronics | M29F080A [PSOP44]        | (1357) |
| STMicroelectronics | M29F080A [TSOP40]        | (1369) |
| STMicroelectronics | M29F080D [PSOP44]        | (1357) |

|                    |                          |        |
|--------------------|--------------------------|--------|
| STMicroelectronics | M29F080D [TSOP40]        | (1369) |
| STMicroelectronics | M29F100B [PSOP44]        | (1356) |
| STMicroelectronics | M29F100B [R-TSOP48]      | (1352) |
| STMicroelectronics | M29F100B [TSOP48]        | (1346) |
| STMicroelectronics | M29F100BB [PSOP44]       | (1356) |
| STMicroelectronics | M29F100BB [TSOP48]       | (1346) |
| STMicroelectronics | M29F100BT [PSOP44]       | (1356) |
| STMicroelectronics | M29F100BT [TSOP48]       | (1346) |
| STMicroelectronics | M29F100T [PSOP44]        | (1356) |
| STMicroelectronics | M29F100T [R-TSOP48]      | (1352) |
| STMicroelectronics | M29F100T [TSOP48]        | (1346) |
| STMicroelectronics | M29F102B [PLCC44]        | (67)   |
| STMicroelectronics | M29F102B [TSOP40]        | (1365) |
| STMicroelectronics | M29F102BB [PLCC44]       | (67)   |
| STMicroelectronics | M29F102BB [TSOP40]       | (1365) |
| STMicroelectronics | M29F160BB [TSOP48]       | (1346) |
| STMicroelectronics | M29F160BT [TSOP48]       | (1346) |
| STMicroelectronics | M29F200B [PSOP44]        | (1356) |
| STMicroelectronics | M29F200B [R-TSOP48]      | (1352) |
| STMicroelectronics | M29F200B [TSOP48]        | (1346) |
| STMicroelectronics | M29F200BB [PSOP44]       | (1356) |
| STMicroelectronics | M29F200BB [TSOP48]       | (1346) |
| STMicroelectronics | M29F200BT [PSOP44]       | (1356) |
| STMicroelectronics | M29F200BT [TSOP48]       | (1346) |
| STMicroelectronics | M29F200T [PSOP44]        | (1356) |
| STMicroelectronics | M29F200T [R-TSOP48]      | (1352) |
| STMicroelectronics | M29F200T [TSOP48]        | (1346) |
| STMicroelectronics | M29F400B [PSOP44]        | (1356) |
| STMicroelectronics | M29F400B [R-TSOP48]      | (1352) |
| STMicroelectronics | M29F400B [TSOP48]        | (1346) |
| STMicroelectronics | M29F400BB [PSOP44]       | (1356) |
| STMicroelectronics | M29F400BB [TSOP48]       | (1346) |
| STMicroelectronics | M29F400BT [PSOP44]       | (1356) |
| STMicroelectronics | M29F400BT [TSOP48]       | (1346) |
| STMicroelectronics | M29F400T [PSOP44]        | (1356) |
| STMicroelectronics | M29F400T [R-TSOP48]      | (1352) |
| STMicroelectronics | M29F400T [TSOP48]        | (1346) |
| STMicroelectronics | M29F512B [PLCC32]        | (1399) |
| STMicroelectronics | M29F512B [TSOP32]        | (1412) |
| STMicroelectronics | M29F800AB [PSOP44]       | (1356) |
| STMicroelectronics | M29F800AB [TSOP48]       | (1346) |
| STMicroelectronics | M29F800AT [PSOP44]       | (1356) |
| STMicroelectronics | M29F800AT [TSOP48]       | (1346) |
| STMicroelectronics | M29F800DB [PSOP44]       | (1356) |
| STMicroelectronics | M29F800DB [TSOP48]       | (1346) |
| STMicroelectronics | M29F800DT [PSOP44]       | (1356) |
| STMicroelectronics | M29F800DT [TSOP48]       | (1346) |
| STMicroelectronics | M29Kw016E [PSOP44]       | (1356) |
| STMicroelectronics | M29Kw016E [TSOP48]       | (1346) |
| STMicroelectronics | M29Kw016ExxxZA [TFBGA48] | (536)  |
| STMicroelectronics | M29Kw032E [TSOP48]       | (1346) |
| STMicroelectronics | M29Kw032ExxxZA [TFBGA48] | (536)  |
| STMicroelectronics | M29Kw064E [TSOP48]       | (1346) |
| STMicroelectronics | M29Kw064ExxxZA [TFBGA48] | (536)  |
| STMicroelectronics | M29w004B [TSOP40]        | (1368) |
| STMicroelectronics | M29w004BB [TSOP40]       | (1368) |
| STMicroelectronics | M29w004BT [TSOP40]       | (1368) |
| STMicroelectronics | M29w004T [TSOP40]        | (1368) |
| STMicroelectronics | M29w008AB [TSOP40]       | (1368) |
| STMicroelectronics | M29w008AT [TSOP40]       | (1368) |
| STMicroelectronics | M29w008B [TSOP40]        | (1368) |
| STMicroelectronics | M29w008DB [TSOP40]       | (1368) |
| STMicroelectronics | M29w008DT [TSOP40]       | (1368) |
| STMicroelectronics | M29w008EB [TSOP40]       | (1368) |
| STMicroelectronics | M29w008ET [TSOP40]       | (1368) |
| STMicroelectronics | M29w008T [TSOP40]        | (1368) |
| STMicroelectronics | M29w010B [PLCC32]        | (1399) |
| STMicroelectronics | M29w010B [TSOP32]        | (1414) |
| STMicroelectronics | M29w017D [TSOP40]        | (1368) |
| STMicroelectronics | M29w017DxxxxZA [TFBGA48] | (983)  |
| STMicroelectronics | M29w022BB [PLCC32]       | (1399) |
| STMicroelectronics | M29w022BB [TSOP32]       | (1412) |
| STMicroelectronics | M29w022BT [PLCC32]       | (1399) |
| STMicroelectronics | M29w022BT [TSOP32]       | (1412) |
| STMicroelectronics | M29w040 [PLCC32]         | (1384) |
| STMicroelectronics | M29w040 [TSOP32]         | (1381) |
| STMicroelectronics | M29w040B [PLCC32]        | (1384) |
| STMicroelectronics | M29w040B [TSOP32 8x14]   | (1377) |
| STMicroelectronics | M29w040B [TSOP32 8x20]   | (1381) |
| STMicroelectronics | M29w064FB [TSOP48]       | (1346) |
| STMicroelectronics | M29w064FBxxZA [TFBGA48]  | (859)  |
| STMicroelectronics | M29w064FT [TSOP48]       | (1346) |
| STMicroelectronics | M29w064FTxxZA [TFBGA48]  | (859)  |
| STMicroelectronics | M29w102BB [TSOP40]       | (1365) |
| STMicroelectronics | M29w102BT [TSOP40]       | (1365) |
| STMicroelectronics | M29w128FHxxN [TSOP56]    | (3080) |
| STMicroelectronics | M29w128FHxxZA [TBGA64]   | (775)  |
| STMicroelectronics | M29w128FLxxN [TSOP56]    | (3080) |
| STMicroelectronics | M29w128FLxxZA [TBGA64]   | (775)  |
| STMicroelectronics | M29w128GHxxN [TSOP56]    | (3080) |
| STMicroelectronics | M29w128GHxxZA [TBGA64]   | (775)  |
| STMicroelectronics | M29w128GHxxZS [LBGA64]   | (1319) |
| STMicroelectronics | M29w128GLxxN [TSOP56]    | (3080) |
| STMicroelectronics | M29w128GLxxZA [TBGA64]   | (775)  |
| STMicroelectronics | M29w128GLxxZS [LBGA64]   | (1319) |
| STMicroelectronics | M29w128GSHxxN [TSOP56]   | (3080) |
| STMicroelectronics | M29w128GSHxxZA [TBGA64]  | (775)  |
| STMicroelectronics | M29w128GSHxxZS [LBGA64]  | (1319) |
| STMicroelectronics | M29w128GSLxxN [TSOP56]   | (3080) |
| STMicroelectronics | M29w128GSLxxZA [TBGA64]  | (775)  |
| STMicroelectronics | M29w128GSLxxZS [LBGA64]  | (1319) |
| STMicroelectronics | M29w160BB [PSOP44]       | (1356) |
| STMicroelectronics | M29w160BB [TSOP48]       | (1346) |
| STMicroelectronics | M29w160BBBxxxA [LFBGA48] | (983)  |
| STMicroelectronics | M29w160BT [PSOP44]       | (1356) |
| STMicroelectronics | M29w160BT [TSOP48]       | (1346) |
| STMicroelectronics | M29w160BTxxxZA [LFBGA48] | (983)  |
| STMicroelectronics | M29w160DB [PSOP44]       | (1356) |
| STMicroelectronics | M29w160DB [TSOP48]       | (1346) |
| STMicroelectronics | M29w160DBBxxxA [TFBGA48] | (983)  |
| STMicroelectronics | M29w160DT [PSOP44]       | (1356) |
| STMicroelectronics | M29w160DT [TSOP48]       | (1346) |
| STMicroelectronics | M29w160DTxxxZA [TFBGA48] | (983)  |
| STMicroelectronics | M29w160EBxxN [TSOP48]    | (1346) |
| STMicroelectronics | M29w160EBxxZA [TFBGA48]  | (859)  |
| STMicroelectronics | M29w160EBxxZS [TFBGA64]  | (922)  |
| STMicroelectronics | M29w160ETxxN [TSOP48]    | (1346) |
| STMicroelectronics | M29w160ETxxZA [TFBGA48]  | (859)  |
| STMicroelectronics | M29w160ETxxZS [TFBGA64]  | (922)  |
| STMicroelectronics | M29w160FB [TSOP48]       | (1346) |
| STMicroelectronics | M29w160FBxxZA [TFBGA48]  | (859)  |
| STMicroelectronics | M29w160FT [TSOP48]       | (1346) |
| STMicroelectronics | M29w160FTxxZA [TFBGA48]  | (859)  |
| STMicroelectronics | M29w200BB [PSOP44]       | (1356) |
| STMicroelectronics | M29w200BB [TSOP48]       | (1346) |
| STMicroelectronics | M29w200BT [PSOP44]       | (1356) |
| STMicroelectronics | M29w200BT [TSOP48]       | (1346) |
| STMicroelectronics | M29w320DB [TSOP48]       | (1346) |

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|--------------------|-------------------------------|--------|
| STMicroelectronics | M29w320DBxxZE [TFBGA48]       | (859)  |
| STMicroelectronics | M29w320DT [TSOP48]            | (1346) |
| STMicroelectronics | M29w320DTxxZE [TFBGA48]       | (859)  |
| STMicroelectronics | M29w320EB [TSOP48]            | (1346) |
| STMicroelectronics | M29w320EBxxZE [TFBGA48]       | (859)  |
| STMicroelectronics | M29w320EBxxZF [TFBGA64]       | (543)  |
| STMicroelectronics | M29w320EBxxZS [FBGA64]        | (922)  |
| STMicroelectronics | M29w320ET [TSOP48]            | (1346) |
| STMicroelectronics | M29w320ETxxZE [TFBGA48]       | (859)  |
| STMicroelectronics | M29w320ETxxZF [TFBGA64]       | (543)  |
| STMicroelectronics | M29w320ETxxZS [FBGA64]        | (922)  |
| STMicroelectronics | M29w320FB [TSOP48]            | (1346) |
| STMicroelectronics | M29w320FBxxZA [TFBGA48]       | (859)  |
| STMicroelectronics | M29w320FT [TSOP48]            | (1346) |
| STMicroelectronics | M29w320FTxxZA [TFBGA48]       | (859)  |
| STMicroelectronics | M29w400B [PSOP44]             | (1356) |
| STMicroelectronics | M29w400B [R-TSOP48]           | (1352) |
| STMicroelectronics | M29w400B [TSOP48]             | (1346) |
| STMicroelectronics | M29w400BB [PSOP44]            | (1356) |
| STMicroelectronics | M29w400BB [TFBGA48]           | (536)  |
| STMicroelectronics | M29w400BB [TSOP48]            | (1346) |
| STMicroelectronics | M29w400BT [PSOP44]            | (1356) |
| STMicroelectronics | M29w400BT [TFBGA48]           | (536)  |
| STMicroelectronics | M29w400BT [TSOP48]            | (1346) |
| STMicroelectronics | M29w400DB [PSOP44]            | (1356) |
| STMicroelectronics | M29w400DB [TSOP48]            | (1346) |
| STMicroelectronics | M29w400DBxxZA [TFBGA48]       | (536)  |
| STMicroelectronics | M29w400DBxxZE [TFBGA48]       | (859)  |
| STMicroelectronics | M29w400DT [PSOP44]            | (1356) |
| STMicroelectronics | M29w400DT [TSOP48]            | (1346) |
| STMicroelectronics | M29w400DTxxZA [TFBGA48]       | (536)  |
| STMicroelectronics | M29w400DTxxZE [TFBGA48]       | (859)  |
| STMicroelectronics | M29w400FB [TSOP48]            | (1346) |
| STMicroelectronics | M29w400FBxxZA [TFBGA48]       | (859)  |
| STMicroelectronics | M29w400FT [TSOP48]            | (1346) |
| STMicroelectronics | M29w400FTxxZA [TFBGA48]       | (859)  |
| STMicroelectronics | M29w400T [PSOP44]             | (1356) |
| STMicroelectronics | M29w400T [R-TSOP48]           | (1352) |
| STMicroelectronics | M29w400T [TSOP48]             | (1346) |
| STMicroelectronics | M29w512B [PLCC32]             | (1399) |
| STMicroelectronics | M29w512B [TSOP32]             | (1412) |
| STMicroelectronics | M29w640DB [TSOP48]            | (1346) |
| STMicroelectronics | M29w640DT [TSOP48]            | (1346) |
| STMicroelectronics | M29w640FB [TSOP48]            | (1346) |
| STMicroelectronics | M29w640FBxxZA [TFBGA48]       | (859)  |
| STMicroelectronics | M29w640FT [TSOP48]            | (1346) |
| STMicroelectronics | M29w640FTxxZA [TFBGA48]       | (859)  |
| STMicroelectronics | M29w640GB [TSOP48]            | (1346) |
| STMicroelectronics | M29w640GB [TSOP56]            | (3080) |
| STMicroelectronics | M29w640GBxxZA [TFBGA48]       | (859)  |
| STMicroelectronics | M29w640GBxxZF [TFBGA64]       | (543)  |
| STMicroelectronics | M29w640GBxxZS [FBGA64]        | (922)  |
| STMicroelectronics | M29w640GH [TSOP48]            | (1346) |
| STMicroelectronics | M29w640GH [TSOP56]            | (3080) |
| STMicroelectronics | M29w640GHxxZA [TFBGA48]       | (859)  |
| STMicroelectronics | M29w640GHxxZF [TFBGA64]       | (543)  |
| STMicroelectronics | M29w640GHxxZS [FBGA64]        | (922)  |
| STMicroelectronics | M29w640GL [TSOP48]            | (1346) |
| STMicroelectronics | M29w640GL [TSOP56]            | (3080) |
| STMicroelectronics | M29w640GLxxZA [TFBGA48]       | (859)  |
| STMicroelectronics | M29w640GLxxZF [TFBGA64]       | (543)  |
| STMicroelectronics | M29w640GLxxZS [FBGA64]        | (922)  |
| STMicroelectronics | M29w640GSBxxNA [TSOP48]       | (1346) |
| STMicroelectronics | M29w640GSBxxNB [TSOP56]       | (3080) |
| STMicroelectronics | M29w640GSBxxZA [TFBGA48]      | (859)  |
| STMicroelectronics | M29w640GSBxxZF [TBGA64]       | (775)  |
| STMicroelectronics | M29w640GSBxxZS [FBGA64]       | (1319) |
| STMicroelectronics | M29w640GSHxxNA [TSOP48]       | (1346) |
| STMicroelectronics | M29w640GSHxxNB [TSOP56]       | (3080) |
| STMicroelectronics | M29w640GSHxxZA [TFBGA48]      | (859)  |
| STMicroelectronics | M29w640GSHxxZF [TBGA64]       | (775)  |
| STMicroelectronics | M29w640GSHxxZS [FBGA64]       | (1319) |
| STMicroelectronics | M29w640GSLxxNA [TSOP48]       | (1346) |
| STMicroelectronics | M29w640GSLxxNB [TSOP56]       | (3080) |
| STMicroelectronics | M29w640GSLxxZA [TFBGA48]      | (859)  |
| STMicroelectronics | M29w640GSLxxZF [TBGA64]       | (775)  |
| STMicroelectronics | M29w640GSLxxZS [FBGA64]       | (1319) |
| STMicroelectronics | M29w640GSTxxNA [TSOP48]       | (1346) |
| STMicroelectronics | M29w640GSTxxNB [TSOP56]       | (3080) |
| STMicroelectronics | M29w640GSTxxZA [TFBGA48]      | (859)  |
| STMicroelectronics | M29w640GSTxxZF [TBGA64]       | (775)  |
| STMicroelectronics | M29w640GSTxxZS [FBGA64]       | (1319) |
| STMicroelectronics | M29w640GT [TSOP48]            | (1346) |
| STMicroelectronics | M29w640GT [TSOP56]            | (3080) |
| STMicroelectronics | M29w640GTxxZA [TFBGA48]       | (859)  |
| STMicroelectronics | M29w640GTxxZF [TFBGA64]       | (543)  |
| STMicroelectronics | M29w640GTxxZS [FBGA64]        | (922)  |
| STMicroelectronics | M29w641DH [TSOP48]            | (1346) |
| STMicroelectronics | M29w641DL [TSOP48]            | (1346) |
| STMicroelectronics | M29w800AB [LFBGA48]           | (536)  |
| STMicroelectronics | M29w800AB [PSOP44]            | (1356) |
| STMicroelectronics | M29w800AB [TSOP48]            | (1346) |
| STMicroelectronics | M29w800AT [LFBGA48]           | (536)  |
| STMicroelectronics | M29w800AT [PSOP44]            | (1356) |
| STMicroelectronics | M29w800AT [TSOP48]            | (1346) |
| STMicroelectronics | M29w800B [FBGA48]             | (536)  |
| STMicroelectronics | M29w800B [PSOP44]             | (1356) |
| STMicroelectronics | M29w800B [R-TSOP48]           | (1352) |
| STMicroelectronics | M29w800B [TSOP48]             | (1346) |
| STMicroelectronics | M29w800DB [PSOP44]            | (1356) |
| STMicroelectronics | M29w800DB [TSOP48]            | (1346) |
| STMicroelectronics | M29w800DBxxZA [TFBGA48]       | (536)  |
| STMicroelectronics | M29w800DBxxZE [TFBGA48]       | (859)  |
| STMicroelectronics | M29w800DT [PSOP44]            | (1356) |
| STMicroelectronics | M29w800DT [TSOP48]            | (1346) |
| STMicroelectronics | M29w800DTxxZA [TFBGA48]       | (536)  |
| STMicroelectronics | M29w800DTxxZE [TFBGA48]       | (859)  |
| STMicroelectronics | M29w800FB [TSOP48]            | (1346) |
| STMicroelectronics | M29w800FBxxZA [TFBGA48]       | (859)  |
| STMicroelectronics | M29w800FT [TSOP48]            | (1346) |
| STMicroelectronics | M29w800FTxxZA [TFBGA48]       | (859)  |
| STMicroelectronics | M29w800T [FBGA48]             | (536)  |
| STMicroelectronics | M29w800T [PSOP44]             | (1356) |
| STMicroelectronics | M29w800T [R-TSOP48]           | (1352) |
| STMicroelectronics | M29w800T [TSOP48]             | (1346) |
| STMicroelectronics | M30L0R7000B0 [TFBGA88]        | (638)  |
| STMicroelectronics | M30L0R7000B0 [TFBGA88] (BEFP) | (638)  |
| STMicroelectronics | M30L0R7000B1 [TFBGA88]        | (638)  |
| STMicroelectronics | M30L0R7000B1 [TFBGA88] (BEFP) | (638)  |
| STMicroelectronics | M30L0R7000T0 [TFBGA88]        | (638)  |
| STMicroelectronics | M30L0R7000T0 [TFBGA88] (BEFP) | (638)  |
| STMicroelectronics | M30L0R7000T1 [TFBGA88]        | (638)  |
| STMicroelectronics | M30L0R7000T1 [TFBGA88] (BEFP) | (638)  |
| STMicroelectronics | M30L0R8000B0 [TFBGA88]        | (637)  |
| STMicroelectronics | M30L0R8000B0 [TFBGA88] (BEFP) | (637)  |
| STMicroelectronics | M30L0R8000B2 [TFBGA88]        | (637)  |
| STMicroelectronics | M30L0R8000B2 [TFBGA88] (BEFP) | (637)  |
| STMicroelectronics | M30L0R8000T0 [TFBGA88]        | (637)  |

|                    |                 |              |          |        |
|--------------------|-----------------|--------------|----------|--------|
| STMicroelectronics | M30L0R8000T0    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M30L0R8000T2    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M30L0R8000T2    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M30L0T8000B0    | [TFBGA88]    |          | (638)  |
| STMicroelectronics | M30L0T8000B0    | [TFBGA88]    | (BEFP)   | (638)  |
| STMicroelectronics | M30L0T8000B2    | [TFBGA88]    |          | (638)  |
| STMicroelectronics | M30L0T8000B2    | [TFBGA88]    | (BEFP)   | (638)  |
| STMicroelectronics | M30L0T8000T0    | [TFBGA88]    |          | (638)  |
| STMicroelectronics | M30L0T8000T0    | [TFBGA88]    | (BEFP)   | (638)  |
| STMicroelectronics | M30L0T8000T2    | [TFBGA88]    |          | (638)  |
| STMicroelectronics | M30L0T8000T2    | [TFBGA88]    | (BEFP)   | (638)  |
| STMicroelectronics | M30W0R6500T0    | [LFBGA88]    |          | (802)  |
| STMicroelectronics | M30W0R6500T0    | [LFBGA88]    | (Flash1) | (802)  |
| STMicroelectronics | M30W0R6500T0    | [LFBGA88]    | (Flash2) | (802)  |
| STMicroelectronics | M30W0R7000B1    | [TFBGA88]    |          | (802)  |
| STMicroelectronics | M30W0R7000T1    | [TFBGA88]    |          | (802)  |
| STMicroelectronics | M34202B-F       | [UFDFPN8]    |          | (4538) |
| STMicroelectronics | M34202-F        | [UFDFPN8]    |          | (4538) |
| STMicroelectronics | M34216B-F       | [UFDFPN8]    |          | (4538) |
| STMicroelectronics | M34216-F        | [UFDFPN8]    |          | (4538) |
| STMicroelectronics | M34A02          | [SOIC8]      |          | (950)  |
| STMicroelectronics | M34A02          | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M34C00          | [SOIC8]      |          | (950)  |
| STMicroelectronics | M34C00          | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M34C02          |              |          |        |
| STMicroelectronics | M34C02          | (ISP)        |          | (138)  |
| STMicroelectronics | M34C02          | [MLP8]       |          | (4538) |
| STMicroelectronics | M34C02          | [MSOP8]      |          | (605)  |
| STMicroelectronics | M34C02          | [SOIC8]      |          | (950)  |
| STMicroelectronics | M34C02          | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M34D64          | [SOIC8]      |          | (950)  |
| STMicroelectronics | M34D64          | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M34E02          | (ISP)        |          | (138)  |
| STMicroelectronics | M34E02          | [MLP8]       |          | (4538) |
| STMicroelectronics | M34E02          | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M34E02-F        | (ISP)        |          | (138)  |
| STMicroelectronics | M34E02-F        | [MLP8]       |          | (4538) |
| STMicroelectronics | M34E02-F        | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M34E04B-F       | (ISP)        |          | (138)  |
| STMicroelectronics | M34E04B-F       | [UFDFN8-2x3] |          | (4538) |
| STMicroelectronics | M34E04-F        | (ISP)        |          | (138)  |
| STMicroelectronics | M34E04-F        | [UFDFPN8]    |          | (4538) |
| STMicroelectronics | M34F04          | (ISP)        |          | (138)  |
| STMicroelectronics | M34F04          | [SO8]        |          | (950)  |
| STMicroelectronics | M35080          |              |          |        |
| STMicroelectronics | M35080          | (ISP)        |          | (138)  |
| STMicroelectronics | M35080          | [SOIC8]      |          | (950)  |
| STMicroelectronics | M35B32-W        | (ISP)        |          | (138)  |
| STMicroelectronics | M35B32-W        | [MLP8]       |          | (4538) |
| STMicroelectronics | M35B32-W        | [SO8]        |          | (950)  |
| STMicroelectronics | M35B32-W        | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M35P08          | [SOIC8]      |          | (950)  |
| STMicroelectronics | M355W08         | (ISP)        |          | (138)  |
| STMicroelectronics | M355W08         | [SO8]        |          | (950)  |
| STMicroelectronics | M355W08         | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M355W08/G       | (ISP)        |          | (138)  |
| STMicroelectronics | M355W08/G       | [SO8]        |          | (950)  |
| STMicroelectronics | M355W08/G       | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M355W08-W       | (ISP)        |          | (138)  |
| STMicroelectronics | M355W08-W       | [SO8]        |          | (950)  |
| STMicroelectronics | M355W08-W       | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M355W08-W/G     | (ISP)        |          | (138)  |
| STMicroelectronics | M355W08-W/G     | [SO8]        |          | (950)  |
| STMicroelectronics | M355W08-W/G     | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M355W16         | (ISP)        |          | (138)  |
| STMicroelectronics | M355W16         | [SO8]        |          | (950)  |
| STMicroelectronics | M355W16         | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M355W16/G       | (ISP)        |          | (138)  |
| STMicroelectronics | M355W16/G       | [SO8]        |          | (950)  |
| STMicroelectronics | M355W16/G       | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M355W16-W       | (ISP)        |          | (138)  |
| STMicroelectronics | M355W16-W       | [SO8]        |          | (950)  |
| STMicroelectronics | M355W16-W       | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M355W16-W/G     | (ISP)        |          | (138)  |
| STMicroelectronics | M355W16-W/G     | [SO8]        |          | (950)  |
| STMicroelectronics | M355W16-W/G     | [TSSOP8]     |          | (121)  |
| STMicroelectronics | M36A0W5040BxZAI | [LFBGA66]    |          | (901)  |
| STMicroelectronics | M36A0W5040TxZAI | [LFBGA66]    |          | (901)  |
| STMicroelectronics | M36C0W5030B0    | [TFBGA56]    |          | (1274) |
| STMicroelectronics | M36C0W5030T0    | [TFBGA56]    |          | (1274) |
| STMicroelectronics | M36C0W5040B0    | [TFBGA56]    |          | (1274) |
| STMicroelectronics | M36C0W5040T0    | [TFBGA56]    |          | (1274) |
| STMicroelectronics | M36C0W6040B0    | [TFBGA56]    |          | (1274) |
| STMicroelectronics | M36C0W6040T0    | [TFBGA56]    |          | (1274) |
| STMicroelectronics | M36C0W6050B0    | [TFBGA56]    |          | (1274) |
| STMicroelectronics | M36C0W6050T0    | [TFBGA56]    |          | (1274) |
| STMicroelectronics | M36DR232A       | [LFBGA66]    |          | (901)  |
| STMicroelectronics | M36DR232B       | [LFBGA66]    |          | (901)  |
| STMicroelectronics | M36DR432A       | [LFBGA66]    |          | (901)  |
| STMicroelectronics | M36DR432B       | [LFBGA66]    |          | (901)  |
| STMicroelectronics | M36DR432C       | [LFBGA66]    |          | (901)  |
| STMicroelectronics | M36DR432D       | [LFBGA66]    |          | (901)  |
| STMicroelectronics | M36L0R7040B0    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R7040B0    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R7040T0    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R7040T0    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R7050B0    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R7050B0    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R7050B2    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R7050B2    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R7050B4    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R7050B4    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R7050T0    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R7050T0    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R7050T2    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R7050T2    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R7050T4    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R7050T4    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R7060B1    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R7060B1    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R7060T1    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R7060T1    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R8060B0    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R8060B0    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R8060B1    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R8060B1    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R8060B2    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R8060B2    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R8060B8    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R8060B8    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R8060B9    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R8060B9    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R8060T0    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R8060T0    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R8060T1    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R8060T1    | [TFBGA88]    | (BEFP)   | (637)  |
| STMicroelectronics | M36L0R8060T2    | [TFBGA88]    |          | (637)  |
| STMicroelectronics | M36L0R8060T2    | [TFBGA88]    | (BEFP)   | (637)  |

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|                    |              |            |             |
|--------------------|--------------|------------|-------------|
| STMicroelectronics | M36w216TI    | [LFBGA66]  | (901)       |
| STMicroelectronics | M36w416BG    | [LFBGA66]  | (901)       |
| STMicroelectronics | M36w416TG    | [LFBGA66]  | (901)       |
| STMicroelectronics | M36w432B     | [LFBGA66]  | (901)       |
| STMicroelectronics | M36w432T     | [LFBGA66]  | (901)       |
| STMicroelectronics | M36w832BE    | [LFBGA66]  | (901)       |
| STMicroelectronics | M36w832TE    | [LFBGA66]  | (901)       |
| STMicroelectronics | M39P0R1080E4 | [TFBGA165] | (1471)      |
| STMicroelectronics | M39P0R8070E  | [TFBGA105] | (1182)      |
| STMicroelectronics | M39P0R9070E  | [TFBGA105] | (1182)      |
| STMicroelectronics | M39P0R9080E4 | [TFBGA165] | (1471)      |
| STMicroelectronics | M41T00SC64   | (ISP)      | (138)       |
| STMicroelectronics | M41T00SC64   | [SOIC18]   | (1061)      |
| STMicroelectronics | M41T56C64    | (ISP)      | (138)       |
| STMicroelectronics | M41T56C64    | [SOIC18]   | (1061)      |
| STMicroelectronics | M45PE10-v    | (ISP)      | (138)       |
| STMicroelectronics | M45PE10-v    | [MLP8]     | (1391)      |
| STMicroelectronics | M45PE10-v    | [SOIC8]    | (1396)      |
| STMicroelectronics | M45PE16-v    | (ISP)      | (138)       |
| STMicroelectronics | M45PE16-v    | [MLP8]     | (1391)      |
| STMicroelectronics | M45PE16-v    | [S08]      | (3104) (*1) |
| STMicroelectronics | M45PE20-v    | (ISP)      | (138)       |
| STMicroelectronics | M45PE20-v    | [MLP8]     | (1391)      |
| STMicroelectronics | M45PE20-v    | [SOIC8]    | (1396)      |
| STMicroelectronics | M45PE32-v    | (ISP)      | (138)       |
| STMicroelectronics | M45PE32-v    | [S08]      | (3104) (*1) |
| STMicroelectronics | M45PE40-v    | (ISP)      | (138)       |
| STMicroelectronics | M45PE40-v    | [MLP8]     | (1391)      |
| STMicroelectronics | M45PE40-v    | [S08N]     | (1396)      |
| STMicroelectronics | M45PE40-v    | [SOIC16]   | (1060)      |
| STMicroelectronics | M45PE40-v    | [SOIC8]    | (3104) (*1) |
| STMicroelectronics | M45PE64-v    | (ISP)      | (138)       |
| STMicroelectronics | M45PE64-v    | [S016]     | (1060)      |
| STMicroelectronics | M45PE80-v    | (ISP)      | (138)       |
| STMicroelectronics | M45PE80-v    | [MLP8]     | (1391)      |
| STMicroelectronics | M45PE80-v    | [S08N]     | (1396)      |
| STMicroelectronics | M45PE80-v    | [SOIC16]   | (1060)      |
| STMicroelectronics | M45PE80-v    | [SOIC8]    | (3104) (*1) |
| STMicroelectronics | M46Z128      |            |             |
| STMicroelectronics | M46Z128Y     |            |             |
| STMicroelectronics | M46Z256      |            |             |
| STMicroelectronics | M46Z256Y     |            |             |
| STMicroelectronics | M48T02       |            |             |
| STMicroelectronics | M48T08       |            |             |
| STMicroelectronics | M48T08Y      |            |             |
| STMicroelectronics | M48T12       |            |             |
| STMicroelectronics | M48T128V     |            |             |
| STMicroelectronics | M48T128Y     |            |             |
| STMicroelectronics | M48T129V     |            |             |
| STMicroelectronics | M48T129Y     |            |             |
| STMicroelectronics | M48T18       |            |             |
| STMicroelectronics | M48T248V     |            |             |
| STMicroelectronics | M48T248Y     |            |             |
| STMicroelectronics | M48T251V     |            |             |
| STMicroelectronics | M48T251Y     |            |             |
| STMicroelectronics | M48T35       |            |             |
| STMicroelectronics | M48T35AV     |            |             |
| STMicroelectronics | M48T35AY     |            |             |
| STMicroelectronics | M48T35Y      |            |             |
| STMicroelectronics | M48T512V     |            |             |
| STMicroelectronics | M48T512Y     |            |             |
| STMicroelectronics | M48T513V     |            |             |
| STMicroelectronics | M48T513Y     |            |             |
| STMicroelectronics | M48T58       |            |             |
| STMicroelectronics | M48T58Y      |            |             |
| STMicroelectronics | M48T59       |            |             |
| STMicroelectronics | M48T59V      |            |             |
| STMicroelectronics | M48T59Y      |            |             |
| STMicroelectronics | M48T86       |            |             |
| STMicroelectronics | M48Z02       |            |             |
| STMicroelectronics | M48Z08       |            |             |
| STMicroelectronics | M48Z09       |            |             |
| STMicroelectronics | M48Z12       |            |             |
| STMicroelectronics | M48Z128      |            |             |
| STMicroelectronics | M48Z128V     |            |             |
| STMicroelectronics | M48Z128Y     |            |             |
| STMicroelectronics | M48Z129V     |            |             |
| STMicroelectronics | M48Z129Y     |            |             |
| STMicroelectronics | M48Z18       |            |             |
| STMicroelectronics | M48Z19       |            |             |
| STMicroelectronics | M48Z256      |            |             |
| STMicroelectronics | M48Z256Y     |            |             |
| STMicroelectronics | M48Z2M1V     |            |             |
| STMicroelectronics | M48Z2M1Y     |            |             |
| STMicroelectronics | M48Z30       |            |             |
| STMicroelectronics | M48Z30A      |            |             |
| STMicroelectronics | M48Z30Y      |            |             |
| STMicroelectronics | M48Z32       |            |             |
| STMicroelectronics | M48Z32A      |            |             |
| STMicroelectronics | M48Z35       |            |             |
| STMicroelectronics | M48Z35AV     |            |             |
| STMicroelectronics | M48Z35AY     |            |             |
| STMicroelectronics | M48Z35V      |            |             |
| STMicroelectronics | M48Z35Y      |            |             |
| STMicroelectronics | M48Z512      |            |             |
| STMicroelectronics | M48Z512A     |            |             |
| STMicroelectronics | M48Z512AV    |            |             |
| STMicroelectronics | M48Z512AY    |            |             |
| STMicroelectronics | M48Z512Y     |            |             |
| STMicroelectronics | M48Z58       |            |             |
| STMicroelectronics | M48Z58Y      |            |             |
| STMicroelectronics | M48Z59       |            |             |
| STMicroelectronics | M48Z59V      |            |             |
| STMicroelectronics | M50FLW040A   | [PLCC32]   | (1384)      |
| STMicroelectronics | M50FLW040A   | [TSOP32]   | (1376)      |
| STMicroelectronics | M50FLW040A   | [TSOP40]   | (1367)      |
| STMicroelectronics | M50FLW040B   | [PLCC32]   | (1384)      |
| STMicroelectronics | M50FLW040B   | [TSOP32]   | (1376)      |
| STMicroelectronics | M50FLW040B   | [TSOP40]   | (1367)      |
| STMicroelectronics | M50FLW080A   | [PLCC32]   | (1384)      |
| STMicroelectronics | M50FLW080A   | [TSOP32]   | (1376)      |
| STMicroelectronics | M50FLW080A   | [TSOP40]   | (1367)      |
| STMicroelectronics | M50FLW080B   | [PLCC32]   | (1384)      |
| STMicroelectronics | M50FLW080B   | [TSOP32]   | (1376)      |
| STMicroelectronics | M50FLW080B   | [TSOP40]   | (1367)      |
| STMicroelectronics | M50FW002     | [PLCC32]   | (1399)      |
| STMicroelectronics | M50FW016     | [TSOP40]   | (1367)      |
| STMicroelectronics | M50FW040     | [PLCC32]   | (1384)      |
| STMicroelectronics | M50FW040     | [TSOP40]   | (1367)      |
| STMicroelectronics | M50FW080     | [PLCC32]   | (1384)      |
| STMicroelectronics | M50FW080     | [TSOP32]   | (1376)      |
| STMicroelectronics | M50FW080     | [TSOP40]   | (1367)      |
| STMicroelectronics | M50LPW002    | [PLCC32]   | (1399)      |
| STMicroelectronics | M50LPW012    | [PLCC32]   | (1399)      |
| STMicroelectronics | M50LPW040    | [PLCC32]   | (1384)      |
| STMicroelectronics | M50LPW040    | [TSOP40]   | (1367)      |
| STMicroelectronics | M50LPW041    | [PLCC32]   | (1384)      |
| STMicroelectronics | M50LPW041    | [TSOP40]   | (1367)      |

|                    |                           |        |
|--------------------|---------------------------|--------|
| STMicroelectronics | M50LPW080 [PLCC32]        | (1384) |
| STMicroelectronics | M50LPW080 [TSOP40]        | (1367) |
| STMicroelectronics | M50LPW116 [TSOP40]        | (1367) |
| STMicroelectronics | M58BW016BB [PQFP80]       | (471)  |
| STMicroelectronics | M58BW016BT [PQFP80]       | (471)  |
| STMicroelectronics | M58BW016DB [PQFP80]       | (471)  |
| STMicroelectronics | M58BW016DT [PQFP80]       | (471)  |
| STMicroelectronics | M58LR128GB [VFBGA56]      | (729)  |
| STMicroelectronics | M58LR128GL [VFBGA44]      | (1023) |
| STMicroelectronics | M58LR128GT [VFBGA56]      | (729)  |
| STMicroelectronics | M58LR128GU [VFBGA44]      | (1023) |
| STMicroelectronics | M58LR128HB [VFBGA56]      | (729)  |
| STMicroelectronics | M58LR128HCxxZB [VFBGA44]  | (1023) |
| STMicroelectronics | M58LR128HDxxZB [VFBGA44]  | (1023) |
| STMicroelectronics | M58LR128HT [VFBGA56]      | (729)  |
| STMicroelectronics | M58LR128KB [VFBGA56]      | (729)  |
| STMicroelectronics | M58LR128KC [TFBGA44]      | (1022) |
| STMicroelectronics | M58LR128KD [TFBGA44]      | (1022) |
| STMicroelectronics | M58LR128KT [VFBGA56]      | (729)  |
| STMicroelectronics | M58LR256GL [VFBGA44]      | (1022) |
| STMicroelectronics | M58LR256GU [VFBGA44]      | (1022) |
| STMicroelectronics | M58LR256KB [TFBGA88]      | (637)  |
| STMicroelectronics | M58LR256KB [VFBGA79]      | (1007) |
| STMicroelectronics | M58LR256KC [TFBGA44]      | (1022) |
| STMicroelectronics | M58LR256KD [TFBGA44]      | (1022) |
| STMicroelectronics | M58LR256KT [TFBGA88]      | (637)  |
| STMicroelectronics | M58LR256KT [VFBGA79]      | (1007) |
| STMicroelectronics | M58LT128GSBxZA [TBGA64]   | (1259) |
| STMicroelectronics | M58LT128GSTxZA [TBGA64]   | (1259) |
| STMicroelectronics | M58LT128HBSxxZB [VFBGA56] | (729)  |
| STMicroelectronics | M58LT128HSBxZA [TBGA64]   | (1260) |
| STMicroelectronics | M58LT128HSTxZA [TBGA64]   | (1260) |
| STMicroelectronics | M58LT128HTxxZB [VFBGA56]  | (729)  |
| STMicroelectronics | M58LT128KSBxZA [TBGA64]   | (1260) |
| STMicroelectronics | M58LT128KSTxZA [TBGA64]   | (1260) |
| STMicroelectronics | M58LT256GSBxZA [TBGA64]   | (1262) |
| STMicroelectronics | M58LT256GSTxZA [TBGA64]   | (1262) |
| STMicroelectronics | M58LT256JSBxZA [TBGA64]   | (1262) |
| STMicroelectronics | M58LT256JSTxZA [TBGA64]   | (1262) |
| STMicroelectronics | M58LT256KSBxZA [TBGA64]   | (1262) |
| STMicroelectronics | M58LT256KSTxZA [TBGA64]   | (1262) |
| STMicroelectronics | M58LW032A [TBGA64]        | (589)  |
| STMicroelectronics | M58LW032AN [TSOP56]       | (1402) |
| STMicroelectronics | M58LW032C [TBGA64]        | (589)  |
| STMicroelectronics | M58LW032CN [TSOP56]       | (1402) |
| STMicroelectronics | M58LW032D [TBGA64]        | (943)  |
| STMicroelectronics | M58LW032DN [TSOP56]       | (1402) |
| STMicroelectronics | M58LW064AxxxxN [TSOP56]   | (1402) |
| STMicroelectronics | M58LW064AxxxxZA [LBGA54]  | (943)  |
| STMicroelectronics | M58LW064CxxxxN [TSOP56]   | (1402) |
| STMicroelectronics | M58LW064CxxxxZA [TBGA64]  | (943)  |
| STMicroelectronics | M58LW064DxxxxN [TSOP56]   | (1402) |
| STMicroelectronics | M58LW064DxxxxZA [TBGA64]  | (943)  |
| STMicroelectronics | M58LW128A [TBGA64]        | (589)  |
| STMicroelectronics | M58LW128A [TSOP56]        | (1405) |
| STMicroelectronics | M58LW128H [TBGA64]        | (701)  |
| STMicroelectronics | M58LW128H [VFBGA56]       | (776)  |
| STMicroelectronics | M58PR001LE [TFBGA105]     | (1192) |
| STMicroelectronics | M58PR001LE [TFBGA107]     | (1140) |
| STMicroelectronics | M58PR256LE [TFBGA105]     | (1192) |
| STMicroelectronics | M58PR256LE [TFBGA107]     | (1140) |
| STMicroelectronics | M58PR512LE [TFBGA105]     | (1192) |
| STMicroelectronics | M58PR512LE [TFBGA107]     | (1140) |
| STMicroelectronics | M58WR016FL [VFBGA44]      | (652)  |
| STMicroelectronics | M58WR016FU [VFBGA44]      | (652)  |
| STMicroelectronics | M58WR016KB [TFBGA88]      | (637)  |
| STMicroelectronics | M58WR016KB [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR016KL [VFBGA44]      | (652)  |
| STMicroelectronics | M58WR016KT [TFBGA88]      | (637)  |
| STMicroelectronics | M58WR016KT [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR016KU [VFBGA44]      | (652)  |
| STMicroelectronics | M58WR016QB [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR016QL [VFBGA44]      | (652)  |
| STMicroelectronics | M58WR016QT [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR016QU [VFBGA44]      | (652)  |
| STMicroelectronics | M58WR032EB [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR032ET [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR032FB [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR032FT [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR032HB [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR032HT [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR032KB [TFBGA88]      | (637)  |
| STMicroelectronics | M58WR032KB [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR032KL [VFBGA44]      | (652)  |
| STMicroelectronics | M58WR032KT [TFBGA88]      | (637)  |
| STMicroelectronics | M58WR032KT [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR032KU [VFBGA44]      | (652)  |
| STMicroelectronics | M58WR032QB [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR032QL [VFBGA44]      | (652)  |
| STMicroelectronics | M58WR032QT [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR032QU [VFBGA44]      | (652)  |
| STMicroelectronics | M58WR064EB [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR064ET [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR064FB [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR064FT [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR064HB [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR064HL [VFBGA44]      | (1023) |
| STMicroelectronics | M58WR064HT [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR064HU [VFBGA44]      | (1023) |
| STMicroelectronics | M58WR064KB [TFBGA88]      | (637)  |
| STMicroelectronics | M58WR064KB [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR064KL [VFBGA44]      | (652)  |
| STMicroelectronics | M58WR064KT [TFBGA88]      | (637)  |
| STMicroelectronics | M58WR064KT [VFBGA56]      | (729)  |
| STMicroelectronics | M58WR064KU [VFBGA44]      | (652)  |
| STMicroelectronics | M58WR128FB [VFBGA56]      | (729)  |
| STMicroelectronics | M59DR008E [TSOP48]        | (1346) |
| STMicroelectronics | M59DR008ExxxZB [TFBGA48]  | (688)  |
| STMicroelectronics | M59DR008F [TSOP48]        | (1346) |
| STMicroelectronics | M59DR008FxxxZB [TFBGA48]  | (688)  |
| STMicroelectronics | M59DR032EA-ZF [TFBGA48]   | (688)  |
| STMicroelectronics | M59DR032EB-ZF [TFBGA48]   | (688)  |
| STMicroelectronics | M59PW016                  |        |
| STMicroelectronics | M59PW016 [PSOP44]         | (1356) |
| STMicroelectronics | M59PW016 [SDIP42]         | (164)  |
| STMicroelectronics | M59PW016 [TSOP48]         | (1348) |
| STMicroelectronics | M59PW032 [PSOP44]         | (1356) |
| STMicroelectronics | M59PW032 [TSOP48]         | (1348) |
| STMicroelectronics | M59PW064 [PSOP44]         | (1356) |
| STMicroelectronics | M59PW064 [TSOP48]         | (1348) |
| STMicroelectronics | M8571                     |        |
| STMicroelectronics | M87C257                   |        |
| STMicroelectronics | M87C257 [PLCC32]          | (59)   |
| STMicroelectronics | M87C512                   |        |
| STMicroelectronics | M87C512 [PLCC32]          | (59)   |
| STMicroelectronics | M9306                     |        |
| STMicroelectronics | M9306 (ISP)               | (138)  |
| STMicroelectronics | M9306 [SOIC8]             | (950)  |



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|                    |                         |        |
|--------------------|-------------------------|--------|
| STMicroelectronics | M93C66-W (x16) [SOIC8]  | (950)  |
| STMicroelectronics | M93C66-W (x16) [TSSOP8] | (121)  |
| STMicroelectronics | M93C66-W (x8)           |        |
| STMicroelectronics | M93C66-W (x8) [MLP8]    | (4538) |
| STMicroelectronics | M93C66-W (x8) [MSOP8]   | (605)  |
| STMicroelectronics | M93C66-W (x8) [SOIC8]   | (950)  |
| STMicroelectronics | M93C66-W (x8) [TSSOP8]  | (121)  |
| STMicroelectronics | M93C76 (x16)            |        |
| STMicroelectronics | M93C76 (x16) (ISP)      | (138)  |
| STMicroelectronics | M93C76 (x16) [MLP8]     | (4538) |
| STMicroelectronics | M93C76 (x16) [MSOP8]    | (605)  |
| STMicroelectronics | M93C76 (x16) [SOIC8]    | (950)  |
| STMicroelectronics | M93C76 (x8)             |        |
| STMicroelectronics | M93C76 (x8) (ISP)       | (138)  |
| STMicroelectronics | M93C76 (x8) [MLP8]      | (4538) |
| STMicroelectronics | M93C76 (x8) [MSOP8]     | (605)  |
| STMicroelectronics | M93C76 (x8) [SOIC8]     | (950)  |
| STMicroelectronics | M93C76-R (x16)          |        |
| STMicroelectronics | M93C76-R (x16) [MLP8]   | (4538) |
| STMicroelectronics | M93C76-R (x16) [MSOP8]  | (605)  |
| STMicroelectronics | M93C76-R (x16) [SOIC8]  | (950)  |
| STMicroelectronics | M93C76-R (x8)           |        |
| STMicroelectronics | M93C76-R (x8) [MLP8]    | (4538) |
| STMicroelectronics | M93C76-R (x8) [MSOP8]   | (605)  |
| STMicroelectronics | M93C76-R (x8) [SOIC8]   | (950)  |
| STMicroelectronics | M93C76-T (x16) [SOIC8]  | (950)  |
| STMicroelectronics | M93C76-T (x8) [SOIC8]   | (950)  |
| STMicroelectronics | M93C76-TR (x16) [SOIC8] | (950)  |
| STMicroelectronics | M93C76-TR (x8) [SOIC8]  | (950)  |
| STMicroelectronics | M93C76-W (x16)          |        |
| STMicroelectronics | M93C76-W (x16) [MLP8]   | (4538) |
| STMicroelectronics | M93C76-W (x16) [MSOP8]  | (605)  |
| STMicroelectronics | M93C76-W (x16) [SOIC8]  | (950)  |
| STMicroelectronics | M93C76-W (x16) [TSSOP8] | (121)  |
| STMicroelectronics | M93C76-W (x8)           |        |
| STMicroelectronics | M93C76-W (x8) [MLP8]    | (4538) |
| STMicroelectronics | M93C76-W (x8) [MSOP8]   | (605)  |
| STMicroelectronics | M93C76-W (x8) [SOIC8]   | (950)  |
| STMicroelectronics | M93C76-W (x8) [TSSOP8]  | (121)  |
| STMicroelectronics | M93C86 (x16)            |        |
| STMicroelectronics | M93C86 (x16) (ISP)      | (138)  |
| STMicroelectronics | M93C86 (x16) [MLP8]     | (4538) |
| STMicroelectronics | M93C86 (x16) [MSOP8]    | (605)  |
| STMicroelectronics | M93C86 (x16) [SOIC8]    | (950)  |
| STMicroelectronics | M93C86 (x8)             |        |
| STMicroelectronics | M93C86 (x8) (ISP)       | (138)  |
| STMicroelectronics | M93C86 (x8) [MLP8]      | (4538) |
| STMicroelectronics | M93C86 (x8) [MSOP8]     | (605)  |
| STMicroelectronics | M93C86 (x8) [SOIC8]     | (950)  |
| STMicroelectronics | M93C86-R (x16)          |        |
| STMicroelectronics | M93C86-R (x16) [MLP8]   | (4538) |
| STMicroelectronics | M93C86-R (x16) [MSOP8]  | (605)  |
| STMicroelectronics | M93C86-R (x16) [SOIC8]  | (950)  |
| STMicroelectronics | M93C86-R (x8)           |        |
| STMicroelectronics | M93C86-R (x8) [MLP8]    | (4538) |
| STMicroelectronics | M93C86-R (x8) [MSOP8]   | (605)  |
| STMicroelectronics | M93C86-R (x8) [SOIC8]   | (950)  |
| STMicroelectronics | M93C86-T (x16) [SOIC8]  | (950)  |
| STMicroelectronics | M93C86-T (x8) [SOIC8]   | (950)  |
| STMicroelectronics | M93C86-TR (x16) [SOIC8] | (950)  |
| STMicroelectronics | M93C86-TR (x8) [SOIC8]  | (950)  |
| STMicroelectronics | M93C86-W (x16)          |        |
| STMicroelectronics | M93C86-W (x16) [MLP8]   | (4538) |
| STMicroelectronics | M93C86-W (x16) [MSOP8]  | (605)  |
| STMicroelectronics | M93C86-W (x16) [SOIC8]  | (950)  |
| STMicroelectronics | M93C86-W (x16) [TSSOP8] | (121)  |
| STMicroelectronics | M93C86-W (x8)           |        |
| STMicroelectronics | M93C86-W (x8) [MLP8]    | (4538) |
| STMicroelectronics | M93C86-W (x8) [MSOP8]   | (605)  |
| STMicroelectronics | M93C86-W (x8) [SOIC8]   | (950)  |
| STMicroelectronics | M93C86-W (x8) [TSSOP8]  | (121)  |
| STMicroelectronics | M93S46                  |        |
| STMicroelectronics | M93S46 (ISP)            | (138)  |
| STMicroelectronics | M93S46 [SOIC8]          | (950)  |
| STMicroelectronics | M93S46 [TSSOP8 3x3]     | (605)  |
| STMicroelectronics | M93S46 [TSSOP8]         | (121)  |
| STMicroelectronics | M93S46-R                |        |
| STMicroelectronics | M93S46-R (ISP)          | (138)  |
| STMicroelectronics | M93S46-R [SOIC8]        | (950)  |
| STMicroelectronics | M93S46-R [TSSOP8 3x3]   | (605)  |
| STMicroelectronics | M93S46-R [TSSOP8]       | (121)  |
| STMicroelectronics | M93S56                  |        |
| STMicroelectronics | M93S56 (ISP)            | (138)  |
| STMicroelectronics | M93S56 [SOIC8]          | (950)  |
| STMicroelectronics | M93S56 [TSSOP8 3x3]     | (605)  |
| STMicroelectronics | M93S56 [TSSOP8]         | (121)  |
| STMicroelectronics | M93S56-R                |        |
| STMicroelectronics | M93S56-R (ISP)          | (138)  |
| STMicroelectronics | M93S56-R [SOIC8]        | (950)  |
| STMicroelectronics | M93S56-R [TSSOP8 3x3]   | (605)  |
| STMicroelectronics | M93S56-R [TSSOP8]       | (121)  |
| STMicroelectronics | M93S66                  |        |
| STMicroelectronics | M93S66 (ISP)            | (138)  |
| STMicroelectronics | M93S66 [SOIC8]          | (950)  |
| STMicroelectronics | M93S66 [TSSOP8 3x3]     | (605)  |
| STMicroelectronics | M93S66 [TSSOP8]         | (121)  |
| STMicroelectronics | M93S66-R                |        |
| STMicroelectronics | M93S66-R (ISP)          | (138)  |
| STMicroelectronics | M93S66-R [SOIC8]        | (950)  |
| STMicroelectronics | M93S66-R [TSSOP8 3x3]   | (605)  |
| STMicroelectronics | M93S66-R [TSSOP8]       | (121)  |
| STMicroelectronics | M95010                  |        |
| STMicroelectronics | M95010 (ISP)            | (138)  |
| STMicroelectronics | M95010 [SOIC8]          | (950)  |
| STMicroelectronics | M95010 [TSSOP8]         | (121)  |
| STMicroelectronics | M95010-R                |        |
| STMicroelectronics | M95010-R (ISP)          | (138)  |
| STMicroelectronics | M95010-R [SOIC8]        | (950)  |
| STMicroelectronics | M95010-R [TSSOP8]       | (121)  |
| STMicroelectronics | M95010-W                |        |
| STMicroelectronics | M95010-W (ISP)          | (138)  |
| STMicroelectronics | M95010-W [SOIC8]        | (950)  |
| STMicroelectronics | M95010-W [TSSOP8]       | (121)  |
| STMicroelectronics | M95020                  |        |
| STMicroelectronics | M95020 (ISP)            | (138)  |
| STMicroelectronics | M95020 [SOIC8]          | (950)  |
| STMicroelectronics | M95020 [TSSOP8]         | (121)  |
| STMicroelectronics | M95020-R                |        |
| STMicroelectronics | M95020-R (ISP)          | (138)  |
| STMicroelectronics | M95020-R [MLP8]         | (4538) |
| STMicroelectronics | M95020-R [SOIC8]        | (950)  |
| STMicroelectronics | M95020-R [TSSOP8]       | (121)  |
| STMicroelectronics | M95020-W                |        |
| STMicroelectronics | M95020-W (ISP)          | (138)  |
| STMicroelectronics | M95020-W [SOIC8]        | (950)  |
| STMicroelectronics | M95020-W [TSSOP8]       | (121)  |
| STMicroelectronics | M95040                  |        |
| STMicroelectronics | M95040 (ISP)            | (138)  |

|                    |                        |        |
|--------------------|------------------------|--------|
| STMicroelectronics | M95040 [SOIC8]         | (950)  |
| STMicroelectronics | M95040 [TSSOP8]        | (121)  |
| STMicroelectronics | M95040-DFDW6 [TSSOP8]  | (121)  |
| STMicroelectronics | M95040-DFMC6 [UFDFPN8] | (4538) |
| STMicroelectronics | M95040-DFMN6 [SO8]     | (950)  |
| STMicroelectronics | M95040-DFxx6 (ISP)     | (138)  |
| STMicroelectronics | M95040-DRDW8 [TSSOP8]  | (121)  |
| STMicroelectronics | M95040-DRMF8 [WFDFPN8] | (2995) |
| STMicroelectronics | M95040-DRMN8 [SO8]     | (950)  |
| STMicroelectronics | M95040-DRxx8 (ISP)     | (138)  |
| STMicroelectronics | M95040-R               |        |
| STMicroelectronics | M95040-R (ISP)         | (138)  |
| STMicroelectronics | M95040-R [MLP8]        | (4538) |
| STMicroelectronics | M95040-R [SOIC8]       | (950)  |
| STMicroelectronics | M95040-R [TSSOP8]      | (121)  |
| STMicroelectronics | M95040-W               |        |
| STMicroelectronics | M95040-W (ISP)         | (138)  |
| STMicroelectronics | M95040-W [SOIC8]       | (950)  |
| STMicroelectronics | M95040-W [TSSOP8]      | (121)  |
| STMicroelectronics | M95080                 |        |
| STMicroelectronics | M95080 (ISP)           | (138)  |
| STMicroelectronics | M95080 [MLP8]          | (4538) |
| STMicroelectronics | M95080 [SOIC8]         | (950)  |
| STMicroelectronics | M95080 [TSSOP8 3x3]    | (605)  |
| STMicroelectronics | M95080 [TSSOP8]        | (121)  |
| STMicroelectronics | M95080-DFDW6 [TSSOP8]  | (121)  |
| STMicroelectronics | M95080-DFMC6 [UFDFPN8] | (4538) |
| STMicroelectronics | M95080-DFMN6 [SO8]     | (950)  |
| STMicroelectronics | M95080-DFxx6 (ISP)     | (138)  |
| STMicroelectronics | M95080-DRDW8 [TSSOP8]  | (121)  |
| STMicroelectronics | M95080-DRMF8 [WFDFPN8] | (2995) |
| STMicroelectronics | M95080-DRMN8 [SO8]     | (950)  |
| STMicroelectronics | M95080-DRxx8 (ISP)     | (138)  |
| STMicroelectronics | M95080-R               |        |
| STMicroelectronics | M95080-R (ISP)         | (138)  |
| STMicroelectronics | M95080-R [MLP8]        | (4538) |
| STMicroelectronics | M95080-R [SOIC8]       | (950)  |
| STMicroelectronics | M95080-R [TSSOP8 3x3]  | (605)  |
| STMicroelectronics | M95080-R [TSSOP8]      | (121)  |
| STMicroelectronics | M95080-W               |        |
| STMicroelectronics | M95080-W (ISP)         | (138)  |
| STMicroelectronics | M95080-W [MLP8]        | (4538) |
| STMicroelectronics | M95080-W [SOIC8]       | (950)  |
| STMicroelectronics | M95080-W [TSSOP8 3x3]  | (605)  |
| STMicroelectronics | M95080-W [TSSOP8]      | (121)  |
| STMicroelectronics | M95128                 |        |
| STMicroelectronics | M95128 (ISP)           | (138)  |
| STMicroelectronics | M95128 [SOIC8-150]     | (950)  |
| STMicroelectronics | M95128 [SOIC8-200]     | (46)   |
| STMicroelectronics | M95128 [TSSOP14]       | (1087) |
| STMicroelectronics | M95128 [TSSOP8]        | (121)  |
| STMicroelectronics | M95128-DF (ISP)        | (138)  |
| STMicroelectronics | M95128-DF [MLP8]       | (4538) |
| STMicroelectronics | M95128-DF [SO8]        | (950)  |
| STMicroelectronics | M95128-DF [TSSOP8]     | (121)  |
| STMicroelectronics | M95128-DRDW3 [TSSOP8]  | (121)  |
| STMicroelectronics | M95128-DRDW8 [TSSOP8]  | (121)  |
| STMicroelectronics | M95128-DRMF3 [WFDFPN8] | (2995) |
| STMicroelectronics | M95128-DRMN3 [SO8]     | (950)  |
| STMicroelectronics | M95128-DRMN8 [SO8]     | (950)  |
| STMicroelectronics | M95128-DRxx3 (ISP)     | (138)  |
| STMicroelectronics | M95128-DRxx8 (ISP)     | (138)  |
| STMicroelectronics | M95128-DWDW4 [TSSOP8]  | (121)  |
| STMicroelectronics | M95128-DWxx4 (ISP)     | (138)  |
| STMicroelectronics | M95128-R               |        |
| STMicroelectronics | M95128-R (ISP)         | (138)  |
| STMicroelectronics | M95128-R [MLP8]        | (4538) |
| STMicroelectronics | M95128-R [SOIC8-150]   | (950)  |
| STMicroelectronics | M95128-R [SOIC8-200]   | (46)   |
| STMicroelectronics | M95128-R [TSSOP14]     | (1087) |
| STMicroelectronics | M95128-R [TSSOP8]      | (121)  |
| STMicroelectronics | M95128-S               |        |
| STMicroelectronics | M95128-S (ISP)         | (138)  |
| STMicroelectronics | M95128-S [SOIC8-150]   | (950)  |
| STMicroelectronics | M95128-S [SOIC8-200]   | (46)   |
| STMicroelectronics | M95128-S [TSSOP14]     | (1087) |
| STMicroelectronics | M95128-S [TSSOP8]      | (121)  |
| STMicroelectronics | M95128-V               |        |
| STMicroelectronics | M95128-V (ISP)         | (138)  |
| STMicroelectronics | M95128-V [SOIC8-150]   | (950)  |
| STMicroelectronics | M95128-V [SOIC8-200]   | (46)   |
| STMicroelectronics | M95128-V [TSSOP14]     | (1087) |
| STMicroelectronics | M95128-V [TSSOP8]      | (121)  |
| STMicroelectronics | M95128-W               |        |
| STMicroelectronics | M95128-W [SOIC8-150]   | (950)  |
| STMicroelectronics | M95128-W [SOIC8-200]   | (46)   |
| STMicroelectronics | M95128-W [TSSOP14]     | (1087) |
| STMicroelectronics | M95128-W [TSSOP8]      | (121)  |
| STMicroelectronics | M95160                 |        |
| STMicroelectronics | M95160 (ISP)           | (138)  |
| STMicroelectronics | M95160 [MLP8]          | (4538) |
| STMicroelectronics | M95160 [SOIC8]         | (950)  |
| STMicroelectronics | M95160 [TSSOP8]        | (121)  |
| STMicroelectronics | M95160-DFDW6 [TSSOP8]  | (121)  |
| STMicroelectronics | M95160-DFMC6 [UFDFPN8] | (4538) |
| STMicroelectronics | M95160-DFMN6 [SO8]     | (950)  |
| STMicroelectronics | M95160-DFxx6 (ISP)     | (138)  |
| STMicroelectronics | M95160-DRDW8 [TSSOP8]  | (121)  |
| STMicroelectronics | M95160-DRMF8 [WFDFPN8] | (2995) |
| STMicroelectronics | M95160-DRMN8 [SO8]     | (950)  |
| STMicroelectronics | M95160-DRxx8 (ISP)     | (138)  |
| STMicroelectronics | M95160-F (ISP)         | (138)  |
| STMicroelectronics | M95160-F [TSSOP8]      | (121)  |
| STMicroelectronics | M95160-R               |        |
| STMicroelectronics | M95160-R (ISP)         | (138)  |
| STMicroelectronics | M95160-R [MLP8]        | (4538) |
| STMicroelectronics | M95160-R [SOIC8]       | (950)  |
| STMicroelectronics | M95160-R [TSSOP8]      | (121)  |
| STMicroelectronics | M95160-W               |        |
| STMicroelectronics | M95160-W (ISP)         | (138)  |
| STMicroelectronics | M95160-W [MLP8]        | (4538) |
| STMicroelectronics | M95160-W [SOIC8]       | (950)  |
| STMicroelectronics | M95160-W [TSSOP8]      | (121)  |
| STMicroelectronics | M95256                 |        |
| STMicroelectronics | M95256 (ISP)           | (138)  |
| STMicroelectronics | M95256 [SOIC8-150]     | (950)  |
| STMicroelectronics | M95256 [SOIC8-200]     | (46)   |
| STMicroelectronics | M95256 [TSSOP14]       | (1087) |
| STMicroelectronics | M95256 [TSSOP8]        | (121)  |
| STMicroelectronics | M95256-DF (ISP)        | (138)  |
| STMicroelectronics | M95256-DF [MLP8]       | (4538) |
| STMicroelectronics | M95256-DF [SO8]        | (950)  |
| STMicroelectronics | M95256-DF [TSSOP8]     | (121)  |
| STMicroelectronics | M95256-DRDW3 [TSSOP8]  | (121)  |
| STMicroelectronics | M95256-DRDW6 [TSSOP8]  | (121)  |
| STMicroelectronics | M95256-DRDW8 [TSSOP8]  | (121)  |
| STMicroelectronics | M95256-DRMF3 [WFDFPN8] | (2995) |
| STMicroelectronics | M95256-DRMN3 [SO8]     | (950)  |

|                    |                         |        |
|--------------------|-------------------------|--------|
| STMicroelectronics | M95256-DRMN6 [SO8]      | (950)  |
| STMicroelectronics | M95256-DRMN8 [SO8]      | (950)  |
| STMicroelectronics | M95256-DRxx3 (ISP)      | (138)  |
| STMicroelectronics | M95256-DRxx6 (ISP)      | (138)  |
| STMicroelectronics | M95256-DRxx8 (ISP)      | (138)  |
| STMicroelectronics | M95256-DWDW4 [TSSOP8]   | (121)  |
| STMicroelectronics | M95256-DWxx4 (ISP)      | (138)  |
| STMicroelectronics | M95256-R                |        |
| STMicroelectronics | M95256-R (ISP)          | (138)  |
| STMicroelectronics | M95256-R [SOIC8-150]    | (950)  |
| STMicroelectronics | M95256-R [SOIC8-200]    | (46)   |
| STMicroelectronics | M95256-R [TSSOP14]      | (1087) |
| STMicroelectronics | M95256-R [TSSOP8]       | (121)  |
| STMicroelectronics | M95256-S                |        |
| STMicroelectronics | M95256-S (ISP)          | (138)  |
| STMicroelectronics | M95256-S [SOIC8-150]    | (950)  |
| STMicroelectronics | M95256-S [SOIC8-200]    | (46)   |
| STMicroelectronics | M95256-V                |        |
| STMicroelectronics | M95256-V (ISP)          | (138)  |
| STMicroelectronics | M95256-V [SOIC8-150]    | (950)  |
| STMicroelectronics | M95256-V [SOIC8-200]    | (46)   |
| STMicroelectronics | M95256-W                |        |
| STMicroelectronics | M95256-W (ISP)          | (138)  |
| STMicroelectronics | M95256-W [SOIC8-150]    | (950)  |
| STMicroelectronics | M95256-W [SOIC8-200]    | (46)   |
| STMicroelectronics | M95256-W [TSSOP14]      | (1087) |
| STMicroelectronics | M95256-W [TSSOP8]       | (121)  |
| STMicroelectronics | M95320                  |        |
| STMicroelectronics | M95320 (ISP)            | (138)  |
| STMicroelectronics | M95320 [SOIC8]          | (950)  |
| STMicroelectronics | M95320 [TSSOP14]        | (1087) |
| STMicroelectronics | M95320 [TSSOP8]         | (121)  |
| STMicroelectronics | M95320-DFDW6 [TSSOP8]   | (121)  |
| STMicroelectronics | M95320-DFMC6 [UFDFPN8]  | (4538) |
| STMicroelectronics | M95320-DFMN6 [SO8]      | (950)  |
| STMicroelectronics | M95320-DFxx6 (ISP)      | (138)  |
| STMicroelectronics | M95320-DRDW6 [TSSOP8]   | (121)  |
| STMicroelectronics | M95320-DRDW8 [TSSOP8]   | (121)  |
| STMicroelectronics | M95320-DRMC6 [UFDFPN8]  | (4538) |
| STMicroelectronics | M95320-DRMF8 [WDFDFPN8] | (2995) |
| STMicroelectronics | M95320-DRMN6 [SO8]      | (950)  |
| STMicroelectronics | M95320-DRMN8 [SO8]      | (950)  |
| STMicroelectronics | M95320-DRxx6 (ISP)      | (138)  |
| STMicroelectronics | M95320-DRxx8 (ISP)      | (138)  |
| STMicroelectronics | M95320-R                |        |
| STMicroelectronics | M95320-R (ISP)          | (138)  |
| STMicroelectronics | M95320-R [MLP8]         | (4538) |
| STMicroelectronics | M95320-R [SOIC8]        | (950)  |
| STMicroelectronics | M95320-R [TSSOP8]       | (121)  |
| STMicroelectronics | M95320-S                |        |
| STMicroelectronics | M95320-S (ISP)          | (138)  |
| STMicroelectronics | M95320-S [SOIC8]        | (950)  |
| STMicroelectronics | M95320-S [TSSOP14]      | (1087) |
| STMicroelectronics | M95320-S [TSSOP8]       | (121)  |
| STMicroelectronics | M95320-W                |        |
| STMicroelectronics | M95320-W (ISP)          | (138)  |
| STMicroelectronics | M95320-W [SOIC8]        | (950)  |
| STMicroelectronics | M95320-W [TSSOP14]      | (1087) |
| STMicroelectronics | M95320-W [TSSOP8]       | (121)  |
| STMicroelectronics | M95512-DF (ISP)         | (138)  |
| STMicroelectronics | M95512-DF [MLP8]        | (4538) |
| STMicroelectronics | M95512-DF [SO8]         | (950)  |
| STMicroelectronics | M95512-DF [TSSOP8]      | (121)  |
| STMicroelectronics | M95512-DRDW3 [TSSOP8]   | (121)  |
| STMicroelectronics | M95512-DRDW6 [TSSOP8]   | (121)  |
| STMicroelectronics | M95512-DRDW8 [TSSOP8]   | (121)  |
| STMicroelectronics | M95512-DRMC6 [UFDFPN8]  | (4538) |
| STMicroelectronics | M95512-DRMF3 [WDFDFPN8] | (2995) |
| STMicroelectronics | M95512-DRMN3 [SO8]      | (950)  |
| STMicroelectronics | M95512-DRMN6 [SO8]      | (950)  |
| STMicroelectronics | M95512-DRMN8 [SO8]      | (950)  |
| STMicroelectronics | M95512-DRxx3 (ISP)      | (138)  |
| STMicroelectronics | M95512-DRxx6 (ISP)      | (138)  |
| STMicroelectronics | M95512-DRxx8 (ISP)      | (138)  |
| STMicroelectronics | M95512-DWDW4 [TSSOP8]   | (121)  |
| STMicroelectronics | M95512-DWxx4 (ISP)      | (138)  |
| STMicroelectronics | M95512-R (ISP)          | (138)  |
| STMicroelectronics | M95512-R [MLP8]         | (4538) |
| STMicroelectronics | M95512-R [SOIC8-150]    | (950)  |
| STMicroelectronics | M95512-R [TSSOP8]       | (121)  |
| STMicroelectronics | M95512-W (ISP)          | (138)  |
| STMicroelectronics | M95512-W [SOIC8-150]    | (950)  |
| STMicroelectronics | M95512-W [TSSOP8]       | (121)  |
| STMicroelectronics | M95640                  |        |
| STMicroelectronics | M95640 (ISP)            | (138)  |
| STMicroelectronics | M95640 [MLP8]           | (4538) |
| STMicroelectronics | M95640 [SOIC8]          | (950)  |
| STMicroelectronics | M95640 [TSSOP14]        | (1087) |
| STMicroelectronics | M95640 [TSSOP8]         | (121)  |
| STMicroelectronics | M95640-DF (ISP)         | (138)  |
| STMicroelectronics | M95640-DF [MLP8]        | (4538) |
| STMicroelectronics | M95640-DF [SO8]         | (950)  |
| STMicroelectronics | M95640-DF [TSSOP8]      | (121)  |
| STMicroelectronics | M95640-DRDW3 [TSSOP8]   | (121)  |
| STMicroelectronics | M95640-DRDW6 [TSSOP8]   | (121)  |
| STMicroelectronics | M95640-DRDW8 [TSSOP8]   | (121)  |
| STMicroelectronics | M95640-DRMC6 [UFDFPN8]  | (4538) |
| STMicroelectronics | M95640-DRMF3 [WDFDFPN8] | (2995) |
| STMicroelectronics | M95640-DRMN3 [SO8]      | (950)  |
| STMicroelectronics | M95640-DRMN6 [SO8]      | (950)  |
| STMicroelectronics | M95640-DRMN8 [SO8]      | (950)  |
| STMicroelectronics | M95640-DRxx3 (ISP)      | (138)  |
| STMicroelectronics | M95640-DRxx6 (ISP)      | (138)  |
| STMicroelectronics | M95640-DRxx8 (ISP)      | (138)  |
| STMicroelectronics | M95640-DWDW4 [TSSOP8]   | (121)  |
| STMicroelectronics | M95640-DWxx4 (ISP)      | (138)  |
| STMicroelectronics | M95640-R                |        |
| STMicroelectronics | M95640-R (ISP)          | (138)  |
| STMicroelectronics | M95640-R [MLP8]         | (4538) |
| STMicroelectronics | M95640-R [SO8]          | (950)  |
| STMicroelectronics | M95640-R [TSSOP8]       | (121)  |
| STMicroelectronics | M95640-S                |        |
| STMicroelectronics | M95640-S (ISP)          | (138)  |
| STMicroelectronics | M95640-S [SOIC8]        | (950)  |
| STMicroelectronics | M95640-S [TSSOP14]      | (1087) |
| STMicroelectronics | M95640-S [TSSOP8]       | (121)  |
| STMicroelectronics | M95640-W                |        |
| STMicroelectronics | M95640-W (ISP)          | (138)  |
| STMicroelectronics | M95640-W [MLP8]         | (4538) |
| STMicroelectronics | M95640-W [SOIC8]        | (950)  |
| STMicroelectronics | M95640-W [TSSOP14]      | (1087) |
| STMicroelectronics | M95640-W [TSSOP8]       | (121)  |
| STMicroelectronics | M95M01-DF (ISP)         | (138)  |
| STMicroelectronics | M95M01-DF [SO8]         | (950)  |
| STMicroelectronics | M95M01-DF [TSSOP8]      | (121)  |
| STMicroelectronics | M95M01-DF [WLCSP8]      | (2904) |
| STMicroelectronics | M95M01-DWDW3 [TSSOP8]   | (121)  |
| STMicroelectronics | M95M01-DWDW4 [TSSOP8]   | (121)  |

|                    |                                        |                    |  |
|--------------------|----------------------------------------|--------------------|--|
| STMicroelectronics | M95M01-DWMN3 [SO8]                     | (950)              |  |
| STMicroelectronics | M95M01-DWxx3 (ISP)                     | (138)              |  |
| STMicroelectronics | M95M01-DWxx4 (ISP)                     | (138)              |  |
| STMicroelectronics | M95M01-R (ISP)                         | (138)              |  |
| STMicroelectronics | M95M01-R [SOIC8-150]                   | (950)              |  |
| STMicroelectronics | M95M01-R [SOIC8-200]                   | (46)               |  |
| STMicroelectronics | M95M01-R [WLCSF8]                      | (2903)             |  |
| STMicroelectronics | M95M02-DR (ISP)                        | (138)              |  |
| STMicroelectronics | M95M02-DR [SO8]                        | (950)              |  |
| STMicroelectronics | M95M02-DWMN3 [SO8]                     | (950)              |  |
| STMicroelectronics | M95M02-DWxx3 (ISP)                     | (138)              |  |
| STMicroelectronics | MK48T87A                               |                    |  |
| STMicroelectronics | MK48Z30                                |                    |  |
| STMicroelectronics | MK48Z30A                               |                    |  |
| STMicroelectronics | MK48Z30Y                               |                    |  |
| STMicroelectronics | MK48Z32                                |                    |  |
| STMicroelectronics | MK48Z32Y                               |                    |  |
| STMicroelectronics | N2M400EDA311A3B [FBGA100]              | (2431) (*1)        |  |
| STMicroelectronics | N2M400FDA311A30 [FBGA100]              | (2431) (*1)        |  |
| STMicroelectronics | N2M400FDA311A3B [FBGA100]              | (2431) (*1)        |  |
| STMicroelectronics | N2M400GDA321A30 [FBGA100]              | (2431) (*1)        |  |
| STMicroelectronics | N2M400GDA321A3B [FBGA100]              | (2431) (*1)        |  |
| STMicroelectronics | N2M400HDA321A30 [FBGA100]              | (2431) (*1)        |  |
| STMicroelectronics | N2M400HDA321A3B [FBGA100]              | (2431) (*1)        |  |
| STMicroelectronics | N2M400JDA341A30 [FBGA100]              | (2431) (*1)        |  |
| STMicroelectronics | N2M400JDA341A3B [FBGA100]              | (2431) (*1)        |  |
| STMicroelectronics | NAND01GR3B2BZA [VF8GA63]               | (2690) (*1)        |  |
| STMicroelectronics | NAND01GR3B2CZA [VF8GA63]               | (2690) (*1)        |  |
| STMicroelectronics | NAND01GR3N6AZB [TF8GA107]              | (687)              |  |
| STMicroelectronics | NAND01GR4N5AZB [TF8GA149]              | (1094)             |  |
| STMicroelectronics | NAND01GW3A0AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND01GW3A2BN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND01GW3A2BV [USOP48]                 | (2829)             |  |
| STMicroelectronics | NAND01GW3B2AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND01GW3B2AZA [VF8GA63]               | (2690) (*1)        |  |
| STMicroelectronics | NAND01GW3B2BN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND01GW3B2BN [TSOP48] (FOX-02)        | (1266) (*1)        |  |
| STMicroelectronics | NAND01GW3B2BN [TSOP48] (LGE-03)        | (1266) (*1)        |  |
| STMicroelectronics | NAND01GW3B2BN [TSOP48] (LGE-09)        | (1266) (*1)        |  |
| STMicroelectronics | NAND01GW3B2BV [USOP48]                 | (2829)             |  |
| STMicroelectronics | NAND01GW3B2BZA [VF8GA63]               | (2690) (*1)        |  |
| STMicroelectronics | NAND01GW3B2CN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND01GW3B2CN [TSOP48] (LGE-13)        | (1266) (*1)        |  |
| STMicroelectronics | NAND01GW3B2CN [TSOP48] (LGE-19)        | (1266) (*1)        |  |
| STMicroelectronics | NAND01GW3B2CN [TSOP48] T&W-01)         | (1266) (*1)        |  |
| STMicroelectronics | NAND01GW3B2CZA [VF8GA63]               | (2690) (*1)        |  |
| STMicroelectronics | NAND01GW3B2CZA [VF8GA63] (KAON-01)     | (2690) (*1)        |  |
| STMicroelectronics | NAND01GW3B2CZA [VF8GA63] (Thomson-01)  | (2690) (*1)        |  |
| STMicroelectronics | NAND01GW3B2CZA [VF8GA63] (Thomson-PRT) | (2690) (*1)        |  |
| STMicroelectronics | NAND01GW3M2AZC [LF8GA137]              | (3047) (*1)        |  |
| STMicroelectronics | NAND01GW3M2BZC [LF8GA137]              | (3047) (*1)        |  |
| STMicroelectronics | NAND02GAH0I [LF8GA153]                 | (2578) (*1)        |  |
| STMicroelectronics | NAND02GAH0L [LF8GA153]                 | (2578) (*1)        |  |
| STMicroelectronics | NAND02GR3B2CZA [VF8GA63]               | (904)              |  |
| STMicroelectronics | NAND02GR3B2DZA [VF8GA63]               | (2690) (*1)        |  |
| STMicroelectronics | NAND02GW3B2AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND02GW3B2BN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND02GW3B2CN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND02GW3B2CZA [VF8GA63]               | (904)              |  |
| STMicroelectronics | NAND02GW3B2DN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND02GW3B2DN [TSOP48] (LEX-02)        | (1266) (*1)        |  |
| STMicroelectronics | NAND02GW3B2DN [TSOP48] (LGE-04)        | (1266) (*1)        |  |
| STMicroelectronics | NAND02GW3B2DN [TSOP48] (LGE-11)        | (1266) (*1)        |  |
| STMicroelectronics | NAND02GW3B2DN [TSOP48] (NAP-01)        | (1266) (*1)        |  |
| STMicroelectronics | NAND02GW3B2DZA [VF8GA63]               | (2690) (*1)        |  |
| STMicroelectronics | NAND02GW3B2DZA [VF8GA63] (SAM-01)      | (2690) (9999) (*1) |  |
| STMicroelectronics | NAND04GW3B2BN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND04GW3B2BN [TSOP48] (DC <812)       | (1266) (*1)        |  |
| STMicroelectronics | NAND04GW3B2DN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND04GW3B2DN [TSOP48] (EPS-5)         | (1266) (9999) (*1) |  |
| STMicroelectronics | NAND04GW3B2DN [TSOP48] (LGE-15)        | (1266) (*1)        |  |
| STMicroelectronics | NAND04GW3C2AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND04GW3C2BN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND08GAH0A [LF8GA169]                 | (2392) (*1)        |  |
| STMicroelectronics | NAND08GAH0B [LF8GA169]                 | (2392) (*1)        |  |
| STMicroelectronics | NAND08GAH0F [LF8GA153]                 | (2578) (*1)        |  |
| STMicroelectronics | NAND08GAH0J [LF8GA153]                 | (2578) (*1)        |  |
| STMicroelectronics | NAND08GAH0N [LF8GA169]                 | (2392) (*1)        |  |
| STMicroelectronics | NAND08GW3B2AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND08GW3B2CN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND08GW3B2CN [TSOP48] (LGE-17)        | (1266) (*1)        |  |
| STMicroelectronics | NAND08GW3C2AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND08GW3C2BN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND08GW3D2AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND08GW3F2AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND128AH0K [TF8GA169]                 | (2577) (*1)        |  |
| STMicroelectronics | NAND128W3A0AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND128W3A0BN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND128W3A2BN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND128W3A2BN [TSOP48] (ALT-01)        | (1266) (*1)        |  |
| STMicroelectronics | NAND128W3A2BN [TSOP48] (ALT-02)        | (1266) (*1)        |  |
| STMicroelectronics | NAND128W3A2BV [USOP48]                 | (2829)             |  |
| STMicroelectronics | NAND16GAH0D [LF8GA169]                 | (2392) (*1)        |  |
| STMicroelectronics | NAND16GAH0H [LF8GA169]                 | (2392) (*1)        |  |
| STMicroelectronics | NAND16GAH0P [LF8GA169]                 | (2392) (*1)        |  |
| STMicroelectronics | NAND16GAHAP [LBGA100]                  | (2431) (*1)        |  |
| STMicroelectronics | NAND16GW3B4DN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND16GW3C2AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND16GW3C4AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND16GW3C4BN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND16GW3D2AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND16GW3F2AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND16GW3F4AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND256AH0K [LF8GA169]                 | (2577) (*1)        |  |
| STMicroelectronics | NAND256R3A2AZA [VF8GA55]               | (1312)             |  |
| STMicroelectronics | NAND256R3A2BZA [VF8GA55]               | (1312)             |  |
| STMicroelectronics | NAND256W3A0AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND256W3A0AZA [VF8GA55]               | (1312)             |  |
| STMicroelectronics | NAND256W3A2AZA [VF8GA55]               | (1312)             |  |
| STMicroelectronics | NAND256W3A2BN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND256W3A2BN [TSOP48] (ASKEY-01)      | (1266) (*1)        |  |
| STMicroelectronics | NAND256W3A2BN [TSOP48] (ASKEY-02)      | (1266) (*1)        |  |
| STMicroelectronics | NAND256W3A2BN [TSOP48] (ASKEY-03)      | (1266) (*1)        |  |
| STMicroelectronics | NAND256W3A2BV [USOP48]                 | (2829)             |  |
| STMicroelectronics | NAND256W3A2BZA [VF8GA55]               | (1312)             |  |
| STMicroelectronics | NAND256W3A2BZA [VF8GA55] (ASKEY-01)    | (1312)             |  |
| STMicroelectronics | NAND32GAH0H [LF8GA169]                 | (2392) (*1)        |  |
| STMicroelectronics | NAND32GAH0K [TF8GA169]                 | (2577) (*1)        |  |
| STMicroelectronics | NAND32GAH0P [LF8GA169]                 | (2392) (*1)        |  |
| STMicroelectronics | NAND32GAHAK [LBGA100]                  | (2431) (*1)        |  |
| STMicroelectronics | NAND32GW3C2AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND32GW3D4AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND32GW3F4AN [TSOP48]                 | (1266) (*1)        |  |
| STMicroelectronics | NAND512R3A2AZA [VF8GA63]               | (2690) (*1)        |  |
| STMicroelectronics | NAND512R3A2AZB [TF8GA55]               | (1312)             |  |
| STMicroelectronics | NAND512R3A2BZA [VF8GA63]               | (2690) (*1)        |  |
| STMicroelectronics | NAND512R3A2CZA [VF8GA63]               | (2690) (*1)        |  |
| STMicroelectronics | NAND512R3A2DZA [VF8GA63]               | (2690) (*1)        |  |

|                    |                |                        |               |
|--------------------|----------------|------------------------|---------------|
| STMicroelectronics | NAND512R3A2SZA | [VFBGA63]              | (2690) (*1)   |
| STMicroelectronics | NAND512R3M0AZB | [TFBGA107]             | (687)         |
| STMicroelectronics | NAND512R4M5AZB | [TFBGA149]             | (1094)        |
| STMicroelectronics | NAND512W3A0AN  | [TSOP48]               | (1266) (*1)   |
| STMicroelectronics | NAND512W3A2BN  | [TSOP48]               | (1266) (*1)   |
| STMicroelectronics | NAND512W3A2BN  | [TSOP48] (ASKEY-02)    | (1266) (*1)   |
| STMicroelectronics | NAND512W3A2BN  | [TSOP48] (ASKEY-03)    | (1266) (*1)   |
| STMicroelectronics | NAND512W3A2BV  | [USOP48]               | (2829)        |
| STMicroelectronics | NAND512W3A2BZA | [VFBGA63]              | (2690) (*1)   |
| STMicroelectronics | NAND512W3A2CN  | [TSOP48]               | (1266) (*1)   |
| STMicroelectronics | NAND512W3A2CN  | [TSOP48] (LGE-07)      | (1266) (*1)   |
| STMicroelectronics | NAND512W3A2CZA | [VFBGA63]              | (2690) (*1)   |
| STMicroelectronics | NAND512W3A2DN  | [TSOP48]               | (1266) (*1)   |
| STMicroelectronics | NAND512W3A2DN  | [TSOP48] (LGE-08)      | (1266) (*1)   |
| STMicroelectronics | NAND512W3A2DZA | [VFBGA63]              | (2690) (*1)   |
| STMicroelectronics | NAND512W3A2DZA | [VFBGA63] (Dataman-01) | (2690) (*1)   |
| STMicroelectronics | NAND512W3A2DZA | [VFBGA63] (DGT-01)     | (2690) (*1)   |
| STMicroelectronics | NAND512W3A2SN  | [TSOP48]               | (1266) (*1)   |
| STMicroelectronics | NAND512W3A2SN  | [TSOP48] (T&W-01)      | (1266) (*1)   |
| STMicroelectronics | NAND512W3A2SZA | [VFBGA63]              | (2690) (*1)   |
| STMicroelectronics | NAND512W3M2AZC | [LFBGA137]             | (3047) (*1)   |
| STMicroelectronics | NAND64GAH0H    | [LFBGA169]             | (2392) (*1)   |
| STMicroelectronics | NAND64GAH0K    | [TFBGA169]             | (2577) (*1)   |
| STMicroelectronics | NAND64GAH0P    | [LFBGA169]             | (2392) (*1)   |
| STMicroelectronics | NAND64Gw3D4AN  | [TSOP48]               | (1266) (*1)   |
| STMicroelectronics | NAND88R3M0AZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NAND98R3M0AZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NAND98R3M0AZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NAND98R3M0BZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NAND98R3M0CZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NAND98R3M0CZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NAND98R3M1AZBC | [TFBGA137]             | (3047) (*1)   |
| STMicroelectronics | NAND98R3M2AZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NAND98R4M2AZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NAND98W3M0AZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NAND98W3M1AZBC | [TFBGA137]             | (3047) (*1)   |
| STMicroelectronics | NAND99R3M1AZBC | [TFBGA137]             | (3047) (*1)   |
| STMicroelectronics | NAND99R3M2AZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NAND99R4M2AZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NAND99W3M0AZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NAND99W3M1AZBC | [TFBGA137]             | (3047) (*1)   |
| STMicroelectronics | NAND99W3M1BZBC | [TFBGA137]             | (3047) (*1)   |
| STMicroelectronics | NANDA9R3N0AZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NANDA9R3N0BZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NANDA9R3N1BZBC | [TFBGA137]             | (3047) (*1)   |
| STMicroelectronics | NANDA9R3N2AZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NANDA9R3N3AZBC | [TFBGA137]             | (3047) (*1)   |
| STMicroelectronics | NANDA9R3N6CZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NANDA9R4N0AZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NANDA9R4N0BZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NANDA9R4N1AZBC | [TFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDA9R4N2AZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NANDA9R4N2BZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NANDA9R4N3AZBC | [TFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDA9R4N4CZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NANDA9R4N6BZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NANDA9W3M1AZBC | [TFBGA137]             | (3047) (*1)   |
| STMicroelectronics | NANDA9W3N0BZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NANDA9W3N1AZBC | [TFBGA137]             | (3047) (*1)   |
| STMicroelectronics | NANDA9W3N6CZBB | [TFBGA107]             | (687)         |
| STMicroelectronics | NANDA9W4N1AZBC | [TFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDAAR4N4AZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NANDB9R4N2AZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NANDB9R4N5AZBC | [TFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDBAR4N0AZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NANDBAR4N1AZBC | [TFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDBAR4N2AZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NANDBAR4N5BZBC | [TFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDBAR4N7BZBC | [TFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDBAW4N1AZBC | [TFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDC3R4N5AZCC | [LFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDC9R4N0AZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NANDC9R4N0BZBA | [TFBGA149]             | (1094)        |
| STMicroelectronics | NANDCAW4N1AZBC | [TFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDCBR4N3AZCC | [LFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDCBR4N5AZBC | [TFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDCBR4N5BZBC | [TFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDCBR4N5BZBC | [TFBGA137] (EPS-2)     | (3022) (*1)   |
| STMicroelectronics | NANDCBR4N7AZBC | [TFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDCCR4N5AZCC | [LFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDD3R4N5AZCC | [LFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDBR4N5AZCC  | [LFBGA137]             | (3022) (*1)   |
| STMicroelectronics | NANDBR4N5AZCC  | [LFBGA137] (EPS-2)     | (3022) (*1)   |
| STMicroelectronics | NANDBR4N5BZCC  | [LFBGA137]             | (3022) (*1)   |
| STMicroelectronics | PM6764         | [VFQFPN28]             | (3067) (9999) |
| STMicroelectronics | PM6766         | [VFQFPN40]             | (3070) (9999) |
| STMicroelectronics | PSD4235G2      | (ISP)                  | (138) (9997)  |
| STMicroelectronics | PSD4235G2      | [TQFP80]               | (1556)        |
| STMicroelectronics | PSD4235G2V     | (ISP)                  | (138) (9997)  |
| STMicroelectronics | PSD4235G2V     | [TQFP80]               | (1556)        |
| STMicroelectronics | PSD813F2       | (ISP)                  | (138)         |
| STMicroelectronics | PSD813F2       | [PLCC52]               | (1079)        |
| STMicroelectronics | PSD813F2       | [PQFP52]               | (1078)        |
| STMicroelectronics | PSD813F2       | [TQFP64]               | (1099)        |
| STMicroelectronics | PSD813F2A      | (ISP)                  | (138)         |
| STMicroelectronics | PSD813F2A      | [PLCC52]               | (1079)        |
| STMicroelectronics | PSD813F2A      | [PQFP52]               | (1078)        |
| STMicroelectronics | PSD813F2A      | [TQFP64]               | (1099)        |
| STMicroelectronics | PSD813F2V      | (ISP)                  | (138)         |
| STMicroelectronics | PSD813F2V      | [PLCC52]               | (1079)        |
| STMicroelectronics | PSD813F2V      | [PQFP52]               | (1078)        |
| STMicroelectronics | PSD813F2V      | [TQFP64]               | (1099)        |
| STMicroelectronics | PSD813F2VA     | (ISP)                  | (138)         |
| STMicroelectronics | PSD813F2VA     | [PLCC52]               | (1079)        |
| STMicroelectronics | PSD813F2VA     | [PQFP52]               | (1078)        |
| STMicroelectronics | PSD813F2VA     | [TQFP64]               | (1099)        |
| STMicroelectronics | PSD813F3       | (ISP)                  | (138)         |
| STMicroelectronics | PSD813F3       | [PLCC52]               | (1079)        |
| STMicroelectronics | PSD813F3       | [PQFP52]               | (1078)        |
| STMicroelectronics | PSD813F3       | [TQFP64]               | (1099)        |
| STMicroelectronics | PSD813F3A      | (ISP)                  | (138)         |
| STMicroelectronics | PSD813F3A      | [PLCC52]               | (1079)        |
| STMicroelectronics | PSD813F3A      | [PQFP52]               | (1078)        |
| STMicroelectronics | PSD813F3A      | [TQFP64]               | (1099)        |
| STMicroelectronics | PSD813F3V      | (ISP)                  | (138)         |
| STMicroelectronics | PSD813F3V      | [PLCC52]               | (1079)        |
| STMicroelectronics | PSD813F3V      | [PQFP52]               | (1078)        |
| STMicroelectronics | PSD813F3V      | [TQFP64]               | (1099)        |
| STMicroelectronics | PSD813F3VA     | (ISP)                  | (138)         |
| STMicroelectronics | PSD813F3VA     | [PLCC52]               | (1079)        |
| STMicroelectronics | PSD813F3VA     | [PQFP52]               | (1078)        |
| STMicroelectronics | PSD813F3VA     | [TQFP64]               | (1099)        |
| STMicroelectronics | PSD813F4       | (ISP)                  | (138)         |
| STMicroelectronics | PSD813F4       | [PLCC52]               | (1079)        |
| STMicroelectronics | PSD813F4       | [PQFP52]               | (1078)        |
| STMicroelectronics | PSD813F4       | [TQFP64]               | (1099)        |
| STMicroelectronics | PSD813F4A      | (ISP)                  | (138)         |
| STMicroelectronics | PSD813F4A      | [PLCC52]               | (1079)        |

|                    |            |           |              |
|--------------------|------------|-----------|--------------|
| STMicroelectronics | PSD813F4A  | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD813F4A  | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD813F4V  | (ISP)     | (138)        |
| STMicroelectronics | PSD813F4V  | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD813F4V  | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD813F4V  | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD813F4VA | (ISP)     | (138)        |
| STMicroelectronics | PSD813F4VA | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD813F4VA | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD813F4VA | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD813F5   | (ISP)     | (138)        |
| STMicroelectronics | PSD813F5   | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD813F5   | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD813F5   | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD813F5A  | (ISP)     | (138)        |
| STMicroelectronics | PSD813F5A  | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD813F5A  | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD813F5A  | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD813F5V  | (ISP)     | (138)        |
| STMicroelectronics | PSD813F5V  | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD813F5V  | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD813F5V  | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD813F5VA | (ISP)     | (138)        |
| STMicroelectronics | PSD813F5VA | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD813F5VA | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD813F5VA | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD833F2   | (ISP)     | (138)        |
| STMicroelectronics | PSD833F2   | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD833F2   | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD833F2   | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD833F2A  | (ISP)     | (138)        |
| STMicroelectronics | PSD833F2A  | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD833F2A  | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD833F2A  | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD833F2V  | (ISP)     | (138)        |
| STMicroelectronics | PSD833F2V  | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD833F2V  | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD833F2V  | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD833F2VA | (ISP)     | (138)        |
| STMicroelectronics | PSD833F2VA | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD833F2VA | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD833F2VA | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD834F2   | (ISP)     | (138)        |
| STMicroelectronics | PSD834F2   | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD834F2   | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD834F2   | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD834F2A  | (ISP)     | (138)        |
| STMicroelectronics | PSD834F2A  | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD834F2A  | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD834F2A  | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD834F2V  | (ISP)     | (138)        |
| STMicroelectronics | PSD834F2V  | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD834F2V  | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD834F2V  | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD834F2VA | (ISP)     | (138)        |
| STMicroelectronics | PSD834F2VA | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD834F2VA | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD834F2VA | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD835G2   | (ISP)     | (138) (9997) |
| STMicroelectronics | PSD835G2   | [TQFP80]  | (1556)       |
| STMicroelectronics | PSD835G2V  | (ISP)     | (138) (9997) |
| STMicroelectronics | PSD835G2V  | [TQFP80]  | (1556)       |
| STMicroelectronics | PSD853F2   | (ISP)     | (138)        |
| STMicroelectronics | PSD853F2   | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD853F2   | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD853F2   | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD853F2A  | (ISP)     | (138)        |
| STMicroelectronics | PSD853F2A  | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD853F2A  | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD853F2A  | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD853F2V  | (ISP)     | (138)        |
| STMicroelectronics | PSD853F2V  | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD853F2V  | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD853F2V  | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD853F2VA | (ISP)     | (138)        |
| STMicroelectronics | PSD853F2VA | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD853F2VA | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD853F2VA | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD854F2   | (ISP)     | (138)        |
| STMicroelectronics | PSD854F2   | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD854F2   | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD854F2   | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD854F2A  | (ISP)     | (138)        |
| STMicroelectronics | PSD854F2A  | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD854F2A  | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD854F2A  | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD854F2V  | (ISP)     | (138)        |
| STMicroelectronics | PSD854F2V  | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD854F2V  | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD854F2V  | [TQFP64]  | (1099)       |
| STMicroelectronics | PSD854F2VA | (ISP)     | (138)        |
| STMicroelectronics | PSD854F2VA | [PLCC52]  | (1079)       |
| STMicroelectronics | PSD854F2VA | [PQFP52]  | (1078)       |
| STMicroelectronics | PSD854F2VA | [TQFP64]  | (1099)       |
| STMicroelectronics | SPC560B40  | [LQFP100] | (3831)       |
| STMicroelectronics | SPC560B40  | [LQFP144] | (2880)       |
| STMicroelectronics | SPC560B50  | [LQFP100] | (3831)       |
| STMicroelectronics | SPC560B50  | [LQFP144] | (2880)       |
| STMicroelectronics | SPC560B50  | [LQFP64]  | (3163)       |
| STMicroelectronics | SPC560B54  | [LQFP144] | (2880)       |
| STMicroelectronics | SPC560B60  | (ISP)     | (138) (9997) |
| STMicroelectronics | SPC560B60  | [LQFP144] | (2880)       |
| STMicroelectronics | SPC560B64  | [LQFP144] | (2880)       |
| STMicroelectronics | SPC560B64  | [LQFP176] | (2805)       |
| STMicroelectronics | SPC560C40  | [LQFP100] | (3831)       |
| STMicroelectronics | SPC560C50  | [LQFP100] | (3831)       |
| STMicroelectronics | SPC560D30  | (ISP)     | (138) (9997) |
| STMicroelectronics | SPC560D30  | [LQFP64]  | (3163)       |
| STMicroelectronics | SPC560D40  | (ISP)     | (138) (9997) |
| STMicroelectronics | SPC560D40  | [LQFP64]  | (3163)       |
| STMicroelectronics | SPC560P44  | [LQFP100] | (4501)       |
| STMicroelectronics | SPC560P44  | [LQFP144] | (2990)       |
| STMicroelectronics | SPC560P50  | [LQFP100] | (4501)       |
| STMicroelectronics | SPC560P50  | [LQFP144] | (2990)       |
| STMicroelectronics | ST10F166   | [PQFP100] | (244)        |
| STMicroelectronics | ST10F168   | [PQFP144] | (173)        |
| STMicroelectronics | ST10F269   | [PQFP144] | (173)        |
| STMicroelectronics | ST10F269   | [TQFP144] | (1318)       |
| STMicroelectronics | ST10F275   | [PQFP144] | (680)        |
| STMicroelectronics | ST10F275   | [TQFP144] | (679)        |
| STMicroelectronics | ST10F276   | [PQFP144] | (680)        |
| STMicroelectronics | ST10F276   | [TQFP144] | (679)        |
| STMicroelectronics | ST10F276Z5 | [LQFP144] | (679)        |
| STMicroelectronics | ST10F276Z5 | [PQFP144] | (680)        |
| STMicroelectronics | ST22W04    |           |              |
| STMicroelectronics | ST22W04    | (ISP)     | (138)        |
| STMicroelectronics | ST24164    |           |              |
| STMicroelectronics | ST24C01    |           |              |

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|--------------------|-------------------|-------|
| STMicroelectronics | ST24C01 (ISP)     | (138) |
| STMicroelectronics | ST24C01 [SOIC8]   | (950) |
| STMicroelectronics | ST24C016          |       |
| STMicroelectronics | ST24C016 (ISP)    | (138) |
| STMicroelectronics | ST24C02           |       |
| STMicroelectronics | ST24C02 (ISP)     | (138) |
| STMicroelectronics | ST24C02 [SOIC8]   | (950) |
| STMicroelectronics | ST24C026          |       |
| STMicroelectronics | ST24C026 (ISP)    | (138) |
| STMicroelectronics | ST24C04           |       |
| STMicroelectronics | ST24C04 (ISP)     | (138) |
| STMicroelectronics | ST24C04 [SOIC8]   | (950) |
| STMicroelectronics | ST24C046          |       |
| STMicroelectronics | ST24C046 (ISP)    | (138) |
| STMicroelectronics | ST24C08           |       |
| STMicroelectronics | ST24C08 (ISP)     | (138) |
| STMicroelectronics | ST24C08 [SOIC8]   | (950) |
| STMicroelectronics | ST24C086          |       |
| STMicroelectronics | ST24C086 (ISP)    | (138) |
| STMicroelectronics | ST24C16           |       |
| STMicroelectronics | ST24C16 (ISP)     | (138) |
| STMicroelectronics | ST24C16 [SOIC8]   | (950) |
| STMicroelectronics | ST24C166          |       |
| STMicroelectronics | ST24C32           |       |
| STMicroelectronics | ST24C32 (ISP)     | (138) |
| STMicroelectronics | ST24C32 [SOIC8]   | (950) |
| STMicroelectronics | ST24C326          |       |
| STMicroelectronics | ST24C326 (ISP)    | (138) |
| STMicroelectronics | ST24C64           |       |
| STMicroelectronics | ST24C64 (ISP)     | (138) |
| STMicroelectronics | ST24C64 [SOIC8]   | (950) |
| STMicroelectronics | ST24C646          |       |
| STMicroelectronics | ST24C646 (ISP)    | (138) |
| STMicroelectronics | ST24E128          |       |
| STMicroelectronics | ST24E128 (ISP)    | (138) |
| STMicroelectronics | ST24E128 [SOIC8]  | (950) |
| STMicroelectronics | ST24E16           |       |
| STMicroelectronics | ST24E16 (ISP)     | (138) |
| STMicroelectronics | ST24E16 [SOIC8]   | (950) |
| STMicroelectronics | ST24E166          |       |
| STMicroelectronics | ST24E166 (ISP)    | (138) |
| STMicroelectronics | ST24E166 [SOIC8]  | (950) |
| STMicroelectronics | ST24E256          |       |
| STMicroelectronics | ST24E256 (ISP)    | (138) |
| STMicroelectronics | ST24E256 [SOIC8]  | (950) |
| STMicroelectronics | ST24E32           |       |
| STMicroelectronics | ST24E32 (ISP)     | (138) |
| STMicroelectronics | ST24E32 [SOIC8]   | (950) |
| STMicroelectronics | ST24E64           |       |
| STMicroelectronics | ST24E64 (ISP)     | (138) |
| STMicroelectronics | ST24E64 [SOIC8]   | (950) |
| STMicroelectronics | ST24FC21          |       |
| STMicroelectronics | ST24FC21 (ISP)    | (138) |
| STMicroelectronics | ST24FC21 [SOIC8]  | (950) |
| STMicroelectronics | ST24FW21          |       |
| STMicroelectronics | ST24FW21 (ISP)    | (138) |
| STMicroelectronics | ST24FW21 [SOIC8]  | (950) |
| STMicroelectronics | ST24LC21          |       |
| STMicroelectronics | ST24LC21 (ISP)    | (138) |
| STMicroelectronics | ST24LC21 [SOIC8]  | (950) |
| STMicroelectronics | ST24LC21B         |       |
| STMicroelectronics | ST24LC21B (ISP)   | (138) |
| STMicroelectronics | ST24LC21B [SOIC8] | (950) |
| STMicroelectronics | ST24LW21          |       |
| STMicroelectronics | ST24LW21 (ISP)    | (138) |
| STMicroelectronics | ST24LW21 [SOIC8]  | (950) |
| STMicroelectronics | ST24W01           |       |
| STMicroelectronics | ST24W01 (ISP)     | (138) |
| STMicroelectronics | ST24W01 [SOIC8]   | (950) |
| STMicroelectronics | ST24W016          |       |
| STMicroelectronics | ST24W016 (ISP)    | (138) |
| STMicroelectronics | ST24W02           |       |
| STMicroelectronics | ST24W02 (ISP)     | (138) |
| STMicroelectronics | ST24W02 [SOIC8]   | (950) |
| STMicroelectronics | ST24W026          |       |
| STMicroelectronics | ST24W026 (ISP)    | (138) |
| STMicroelectronics | ST24W04           |       |
| STMicroelectronics | ST24W04 (ISP)     | (138) |
| STMicroelectronics | ST24W04 [SOIC8]   | (950) |
| STMicroelectronics | ST24W046          |       |
| STMicroelectronics | ST24W046 (ISP)    | (138) |
| STMicroelectronics | ST24W08           |       |
| STMicroelectronics | ST24W08 (ISP)     | (138) |
| STMicroelectronics | ST24W08 [SOIC8]   | (950) |
| STMicroelectronics | ST24W086          |       |
| STMicroelectronics | ST24W086 (ISP)    | (138) |
| STMicroelectronics | ST24W16           |       |
| STMicroelectronics | ST24W16 [SOIC8]   | (950) |
| STMicroelectronics | ST24W166          |       |
| STMicroelectronics | ST24W32           |       |
| STMicroelectronics | ST24W32 (ISP)     | (138) |
| STMicroelectronics | ST24W32 [SOIC8]   | (950) |
| STMicroelectronics | ST24W326          |       |
| STMicroelectronics | ST24W326 (ISP)    | (138) |
| STMicroelectronics | ST24W64           |       |
| STMicroelectronics | ST24W64 (ISP)     | (138) |
| STMicroelectronics | ST24W646          |       |
| STMicroelectronics | ST24W646 (ISP)    | (138) |
| STMicroelectronics | ST25164           |       |
| STMicroelectronics | ST25C01           |       |
| STMicroelectronics | ST25C01 (ISP)     | (138) |
| STMicroelectronics | ST25C01 [SOIC8]   | (950) |
| STMicroelectronics | ST25C016          |       |
| STMicroelectronics | ST25C016 (ISP)    | (138) |
| STMicroelectronics | ST25C02           |       |
| STMicroelectronics | ST25C02 (ISP)     | (138) |
| STMicroelectronics | ST25C02 [SOIC8]   | (950) |
| STMicroelectronics | ST25C026          |       |
| STMicroelectronics | ST25C026 (ISP)    | (138) |
| STMicroelectronics | ST25C04           |       |
| STMicroelectronics | ST25C04 (ISP)     | (138) |
| STMicroelectronics | ST25C04 [SOIC8]   | (950) |
| STMicroelectronics | ST25C046          |       |
| STMicroelectronics | ST25C046 (ISP)    | (138) |
| STMicroelectronics | ST25C08           |       |
| STMicroelectronics | ST25C08 (ISP)     | (138) |
| STMicroelectronics | ST25C08 [SOIC8]   | (950) |
| STMicroelectronics | ST25C086          |       |
| STMicroelectronics | ST25C086 (ISP)    | (138) |
| STMicroelectronics | ST25C16           |       |
| STMicroelectronics | ST25C16 [SOIC8]   | (950) |
| STMicroelectronics | ST25C166          |       |
| STMicroelectronics | ST25C32           |       |
| STMicroelectronics | ST25C32 (ISP)     | (138) |
| STMicroelectronics | ST25C32 [SOIC8]   | (950) |
| STMicroelectronics | ST25C326          |       |
| STMicroelectronics | ST25C326 (ISP)    | (138) |
| STMicroelectronics | ST25C64           |       |



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| STMicroelectronics | ST25C64 (ISP)       | (138)  |
| STMicroelectronics | ST25C646            |        |
| STMicroelectronics | ST25C646 (ISP)      | (138)  |
| STMicroelectronics | ST25E16             |        |
| STMicroelectronics | ST25E16 (ISP)       | (138)  |
| STMicroelectronics | ST25E16 [SOIC8]     | (950)  |
| STMicroelectronics | ST25E32             |        |
| STMicroelectronics | ST25E32 (ISP)       | (138)  |
| STMicroelectronics | ST25E32 [SOIC8]     | (950)  |
| STMicroelectronics | ST25W01             |        |
| STMicroelectronics | ST25W01 (ISP)       | (138)  |
| STMicroelectronics | ST25W01 [SOIC8]     | (950)  |
| STMicroelectronics | ST25W016            |        |
| STMicroelectronics | ST25W016 (ISP)      | (138)  |
| STMicroelectronics | ST25W02             |        |
| STMicroelectronics | ST25W02 (ISP)       | (138)  |
| STMicroelectronics | ST25W02 [SOIC8]     | (950)  |
| STMicroelectronics | ST25W026            |        |
| STMicroelectronics | ST25W026 (ISP)      | (138)  |
| STMicroelectronics | ST25W04             |        |
| STMicroelectronics | ST25W04 (ISP)       | (138)  |
| STMicroelectronics | ST25W04 [SOIC8]     | (950)  |
| STMicroelectronics | ST25W046            |        |
| STMicroelectronics | ST25W046 (ISP)      | (138)  |
| STMicroelectronics | ST25W08             |        |
| STMicroelectronics | ST25W08 (ISP)       | (138)  |
| STMicroelectronics | ST25W08 [SOIC8]     | (950)  |
| STMicroelectronics | ST25W086            |        |
| STMicroelectronics | ST25W086 (ISP)      | (138)  |
| STMicroelectronics | ST25W16             |        |
| STMicroelectronics | ST25W16 [SOIC8]     | (950)  |
| STMicroelectronics | ST25W166            |        |
| STMicroelectronics | ST25W32             |        |
| STMicroelectronics | ST25W32 (ISP)       | (138)  |
| STMicroelectronics | ST25W32 [SOIC8]     | (950)  |
| STMicroelectronics | ST25W326            |        |
| STMicroelectronics | ST25W326 (ISP)      | (138)  |
| STMicroelectronics | ST25W64             |        |
| STMicroelectronics | ST25W64 (ISP)       | (138)  |
| STMicroelectronics | ST25W646            |        |
| STMicroelectronics | ST25W646 (ISP)      | (138)  |
| STMicroelectronics | ST27128A            |        |
| STMicroelectronics | ST27256             |        |
| STMicroelectronics | ST2764A             |        |
| STMicroelectronics | ST27C256            |        |
| STMicroelectronics | ST27C256 [PLCC32]   | (59)   |
| STMicroelectronics | ST62E01C            |        |
| STMicroelectronics | ST62E01C [SOIC16]   | (1060) |
| STMicroelectronics | ST62E01C [SSOP16]   | (1103) |
| STMicroelectronics | ST62E18C6           |        |
| STMicroelectronics | ST62E18C6 [SOIC20]  | (119)  |
| STMicroelectronics | ST62E20             |        |
| STMicroelectronics | ST62E20 [SOIC20]    | (119)  |
| STMicroelectronics | ST62E20 [SSOP20]    | (1103) |
| STMicroelectronics | ST62E20B            |        |
| STMicroelectronics | ST62E20B [SOIC20]   | (119)  |
| STMicroelectronics | ST62E20B [SSOP20]   | (1103) |
| STMicroelectronics | ST62E20C            |        |
| STMicroelectronics | ST62E20C [SOIC20]   | (119)  |
| STMicroelectronics | ST62E20C [SSOP20]   | (1103) |
| STMicroelectronics | ST62E25             |        |
| STMicroelectronics | ST62E25 [SOIC28]    | (51)   |
| STMicroelectronics | ST62E25 [SSOP28]    | (1103) |
| STMicroelectronics | ST62E25C            |        |
| STMicroelectronics | ST62E25C [SOIC28]   | (51)   |
| STMicroelectronics | ST62E25C [SSOP28]   | (1103) |
| STMicroelectronics | ST62E28C6           |        |
| STMicroelectronics | ST62E28C6 [SOIC28]  | (51)   |
| STMicroelectronics | ST62E28C6 [SSOP28]  | (1103) |
| STMicroelectronics | ST62E30B            |        |
| STMicroelectronics | ST62E30B [SOIC28]   | (51)   |
| STMicroelectronics | ST62E32BF1 [SDIP42] | (164)  |
| STMicroelectronics | ST62E60B            |        |
| STMicroelectronics | ST62E60B [SOIC20]   | (119)  |
| STMicroelectronics | ST62E60C            |        |
| STMicroelectronics | ST62E60C [SOIC20]   | (119)  |
| STMicroelectronics | ST62E62B            |        |
| STMicroelectronics | ST62E62B [SOIC16]   | (1060) |
| STMicroelectronics | ST62E62B [SSOP16]   | (1103) |
| STMicroelectronics | ST62E62C            |        |
| STMicroelectronics | ST62E62C [SOIC16]   | (1060) |
| STMicroelectronics | ST62E62C [SSOP16]   | (1103) |
| STMicroelectronics | ST62E65B            |        |
| STMicroelectronics | ST62E65B [SOIC28]   | (51)   |
| STMicroelectronics | ST62E65B [SSOP28]   | (1103) |
| STMicroelectronics | ST62E65C            |        |
| STMicroelectronics | ST62E65C [SOIC28]   | (51)   |
| STMicroelectronics | ST62E65C [SSOP28]   | (1103) |
| STMicroelectronics | ST62E80B [CQFP100]  | (667)  |
| STMicroelectronics | ST62T00C            |        |
| STMicroelectronics | ST62T00C [SOIC16]   | (1060) |
| STMicroelectronics | ST62T00C [SSOP16]   | (1103) |
| STMicroelectronics | ST62T01C            |        |
| STMicroelectronics | ST62T01C [SOIC16]   | (1060) |
| STMicroelectronics | ST62T01C [SSOP16]   | (1103) |
| STMicroelectronics | ST62T03C            |        |
| STMicroelectronics | ST62T03C [SOIC16]   | (1060) |
| STMicroelectronics | ST62T03C [SSOP16]   | (1103) |
| STMicroelectronics | ST62T08C            |        |
| STMicroelectronics | ST62T08C [SOIC20]   | (119)  |
| STMicroelectronics | ST62T08C [SSOP20]   | (1103) |
| STMicroelectronics | ST62T09C            |        |
| STMicroelectronics | ST62T09C [SOIC20]   | (119)  |
| STMicroelectronics | ST62T09C [SSOP20]   | (1103) |
| STMicroelectronics | ST62T10             |        |
| STMicroelectronics | ST62T10 [SOIC20]    | (119)  |
| STMicroelectronics | ST62T10 [SSOP20]    | (1103) |
| STMicroelectronics | ST62T10C            |        |
| STMicroelectronics | ST62T10C [SOIC20]   | (119)  |
| STMicroelectronics | ST62T10C [SSOP20]   | (1103) |
| STMicroelectronics | ST62T15             |        |
| STMicroelectronics | ST62T15 [SOIC28]    | (51)   |
| STMicroelectronics | ST62T15 [SSOP28]    | (1103) |
| STMicroelectronics | ST62T15C            |        |
| STMicroelectronics | ST62T15C [SOIC28]   | (51)   |
| STMicroelectronics | ST62T15C [SSOP28]   | (1103) |
| STMicroelectronics | ST62T18C6           |        |
| STMicroelectronics | ST62T18C6 [SOIC20]  | (119)  |
| STMicroelectronics | ST62T20             |        |
| STMicroelectronics | ST62T20 [SOIC20]    | (119)  |
| STMicroelectronics | ST62T20 [SSOP20]    | (1103) |
| STMicroelectronics | ST62T20B            |        |
| STMicroelectronics | ST62T20B [SOIC20]   | (119)  |
| STMicroelectronics | ST62T20B [SSOP20]   | (1103) |
| STMicroelectronics | ST62T20C            |        |
| STMicroelectronics | ST62T20C [SOIC20]   | (119)  |
| STMicroelectronics | ST62T20C [SSOP20]   | (1103) |
| STMicroelectronics | ST62T25             |        |

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|--------------------|------------------------|--------|
| STMicroelectronics | ST62T25 [SOIC28]       | (51)   |
| STMicroelectronics | ST62T25 [SSOP28]       | (1103) |
| STMicroelectronics | ST62T25C               |        |
| STMicroelectronics | ST62T25C [SOIC28]      | (51)   |
| STMicroelectronics | ST62T25C [SSOP28]      | (1103) |
| STMicroelectronics | ST62T28C6              |        |
| STMicroelectronics | ST62T28C6 [SOIC28]     | (51)   |
| STMicroelectronics | ST62T28C6 [SSOP28]     | (1103) |
| STMicroelectronics | ST62T30B               |        |
| STMicroelectronics | ST62T30B [SOIC28]      | (51)   |
| STMicroelectronics | ST62T32B [SDIP42]      | (164)  |
| STMicroelectronics | ST62T52B               |        |
| STMicroelectronics | ST62T52B [SOIC16]      | (1060) |
| STMicroelectronics | ST62T52B [SSOP16]      | (1103) |
| STMicroelectronics | ST62T52C               |        |
| STMicroelectronics | ST62T52C [SOIC16]      | (1060) |
| STMicroelectronics | ST62T52C [SSOP16]      | (1103) |
| STMicroelectronics | ST62T53B               |        |
| STMicroelectronics | ST62T53B [SOIC20]      | (119)  |
| STMicroelectronics | ST62T53C               |        |
| STMicroelectronics | ST62T53C [SOIC20]      | (119)  |
| STMicroelectronics | ST62T55B               |        |
| STMicroelectronics | ST62T55B [SOIC28]      | (51)   |
| STMicroelectronics | ST62T55B [SSOP28]      | (1103) |
| STMicroelectronics | ST62T55C               |        |
| STMicroelectronics | ST62T55C [SOIC28]      | (51)   |
| STMicroelectronics | ST62T55C [SSOP28]      | (1103) |
| STMicroelectronics | ST62T60B               |        |
| STMicroelectronics | ST62T60B [SOIC20]      | (119)  |
| STMicroelectronics | ST62T60C               |        |
| STMicroelectronics | ST62T60C [SOIC20]      | (119)  |
| STMicroelectronics | ST62T62B               |        |
| STMicroelectronics | ST62T62B [SOIC16]      | (1060) |
| STMicroelectronics | ST62T62B [SSOP16]      | (1103) |
| STMicroelectronics | ST62T62C               |        |
| STMicroelectronics | ST62T62C [SOIC16]      | (1060) |
| STMicroelectronics | ST62T62C [SSOP16]      | (1103) |
| STMicroelectronics | ST62T63B               |        |
| STMicroelectronics | ST62T63B [SOIC20]      | (119)  |
| STMicroelectronics | ST62T63C               |        |
| STMicroelectronics | ST62T63C [SOIC20]      | (119)  |
| STMicroelectronics | ST62T65B               |        |
| STMicroelectronics | ST62T65B [SOIC28]      | (51)   |
| STMicroelectronics | ST62T65B [SSOP28]      | (1103) |
| STMicroelectronics | ST62T65C               |        |
| STMicroelectronics | ST62T65C [SOIC28]      | (51)   |
| STMicroelectronics | ST62T65C [SSOP28]      | (1103) |
| STMicroelectronics | ST62T80B [PQFP100]     | (666)  |
| STMicroelectronics | ST72C104G1B [PSDIP32]  | (175)  |
| STMicroelectronics | ST72C104G1M [SOIC28]   | (51)   |
| STMicroelectronics | ST72C104G2B [PSDIP32]  | (175)  |
| STMicroelectronics | ST72C104G2M [SOIC28]   | (51)   |
| STMicroelectronics | ST72C124J2B [SDIP42]   | (164)  |
| STMicroelectronics | ST72C124J2T [TQFP44]   | (94)   |
| STMicroelectronics | ST72C215G1B [PSDIP32]  | (175)  |
| STMicroelectronics | ST72C215G1M [SOIC28]   | (51)   |
| STMicroelectronics | ST72C215G2B [PSDIP32]  | (175)  |
| STMicroelectronics | ST72C215G2M [SOIC28]   | (51)   |
| STMicroelectronics | ST72C216G1B [PSDIP32]  | (175)  |
| STMicroelectronics | ST72C216G1M [SOIC28]   | (51)   |
| STMicroelectronics | ST72C216G2B [PSDIP32]  | (175)  |
| STMicroelectronics | ST72C216G2M [SOIC28]   | (51)   |
| STMicroelectronics | ST72C254G1B [PSDIP32]  | (175)  |
| STMicroelectronics | ST72C254G1M [SOIC28]   | (51)   |
| STMicroelectronics | ST72C254G2B [PSDIP32]  | (175)  |
| STMicroelectronics | ST72C254G2M [SOIC28]   | (51)   |
| STMicroelectronics | ST72C314J2B [PSDIP42]  | (164)  |
| STMicroelectronics | ST72C314J2T [TQFP44]   | (94)   |
| STMicroelectronics | ST72C314J4B [PSDIP42]  | (164)  |
| STMicroelectronics | ST72C314J4T [TQFP44]   | (94)   |
| STMicroelectronics | ST72C314N2 [SDIP56]    | (986)  |
| STMicroelectronics | ST72C314N2 [TQFP64]    | (225)  |
| STMicroelectronics | ST72C314N4 [SDIP56]    | (986)  |
| STMicroelectronics | ST72C314N4 [TQFP64]    | (225)  |
| STMicroelectronics | ST72C334J2B [PSDIP42]  | (164)  |
| STMicroelectronics | ST72C334J2T [TQFP44]   | (94)   |
| STMicroelectronics | ST72C334J4B [PSDIP42]  | (164)  |
| STMicroelectronics | ST72C334J4T [TQFP44]   | (94)   |
| STMicroelectronics | ST72C334N2 [TQFP64]    | (225)  |
| STMicroelectronics | ST72C334N4 [TQFP64]    | (225)  |
| STMicroelectronics | ST72C334N4B [SDIP56]   | (986)  |
| STMicroelectronics | ST72F260G1B [PSDIP32]  | (175)  |
| STMicroelectronics | ST72F260G1M [SOIC28]   | (51)   |
| STMicroelectronics | ST72F262G1B [PSDIP32]  | (175)  |
| STMicroelectronics | ST72F262G1M [SOIC28]   | (51)   |
| STMicroelectronics | ST72F262G2B [PSDIP32]  | (175)  |
| STMicroelectronics | ST72F262G2M [SOIC28]   | (51)   |
| STMicroelectronics | ST72F264G1B [PSDIP32]  | (175)  |
| STMicroelectronics | ST72F264G1M [SOIC28]   | (51)   |
| STMicroelectronics | ST72F264G2B [PSDIP32]  | (175)  |
| STMicroelectronics | ST72F264G2M [SOIC28]   | (51)   |
| STMicroelectronics | ST72F321AR6T [TQFP64]  | (236)  |
| STMicroelectronics | ST72F321AR7T [TQFP64]  | (236)  |
| STMicroelectronics | ST72F321AR9T [TQFP64]  | (236)  |
| STMicroelectronics | ST72F321BAR6T [LQFP64] | (236)  |
| STMicroelectronics | ST72F321BAR7T [LQFP64] | (236)  |
| STMicroelectronics | ST72F321BAR9T [LQFP64] | (236)  |
| STMicroelectronics | ST72F321BJ6T [LQFP44]  | (94)   |
| STMicroelectronics | ST72F321BJ7T [LQFP44]  | (94)   |
| STMicroelectronics | ST72F321BJ9T [LQFP44]  | (94)   |
| STMicroelectronics | ST72F321BR6T [LQFP64]  | (225)  |
| STMicroelectronics | ST72F321BR7T [LQFP64]  | (225)  |
| STMicroelectronics | ST72F321BR9T [LQFP64]  | (225)  |
| STMicroelectronics | ST72F321J6T [TQFP44]   | (94)   |
| STMicroelectronics | ST72F321J7T [TQFP44]   | (94)   |
| STMicroelectronics | ST72F321J9T [TQFP44]   | (94)   |
| STMicroelectronics | ST72F321M6T [LQFP80]   | (1254) |
| STMicroelectronics | ST72F321M9T [LQFP80]   | (1254) |
| STMicroelectronics | ST72F321R6T [TQFP64]   | (225)  |
| STMicroelectronics | ST72F321R7T [TQFP64]   | (225)  |
| STMicroelectronics | ST72F321R9T [TQFP64]   | (225)  |
| STMicroelectronics | ST72F324BJ2B [PSDIP42] | (164)  |
| STMicroelectronics | ST72F324BJ2T [TQFP44]  | (94)   |
| STMicroelectronics | ST72F324BJ4B [PSDIP42] | (164)  |
| STMicroelectronics | ST72F324BJ4T [TQFP44]  | (94)   |
| STMicroelectronics | ST72F324BJ6B [PSDIP42] | (164)  |
| STMicroelectronics | ST72F324BJ6T [TQFP44]  | (94)   |
| STMicroelectronics | ST72F324BK2B [PSDIP32] | (175)  |
| STMicroelectronics | ST72F324BK2T [TQFP32]  | (159)  |
| STMicroelectronics | ST72F324BK4B [PSDIP32] | (175)  |
| STMicroelectronics | ST72F324BK4T [TQFP32]  | (159)  |
| STMicroelectronics | ST72F324BK6B [PSDIP32] | (175)  |
| STMicroelectronics | ST72F324BK6T [TQFP32]  | (159)  |
| STMicroelectronics | ST72F324J2B [PSDIP42]  | (164)  |
| STMicroelectronics | ST72F324J2T [TQFP44]   | (94)   |
| STMicroelectronics | ST72F324J4B [PSDIP42]  | (164)  |
| STMicroelectronics | ST72F324J4T [TQFP44]   | (94)   |
| STMicroelectronics | ST72F324J6B [PSDIP42]  | (164)  |

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|--------------------|-----------------|-----------|--------|
| STMicroelectronics | ST72F324J6T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F324K2B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72F324K2T     | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F324K4B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72F324K4T     | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F324K6B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72F324K6T     | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F324LJ2T    | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F324LJ4T    | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F324LJ6T    | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F324LK2T    | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F324LK4T    | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F324LK6T    | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F325AR9T    | [TQFP64]  | (236)  |
| STMicroelectronics | ST72F325J4T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F325J6B     | [SDIP42]  | (164)  |
| STMicroelectronics | ST72F325J6T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F325J7T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F325J9T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F325K4T     | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F325K6B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72F325K6T     | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F325R9T     | [TQFP64]  | (225)  |
| STMicroelectronics | ST72F32AJ1T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F32AJ2T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F32AK1B     | [SDIP32]  | (175)  |
| STMicroelectronics | ST72F32AK1T     | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F32AK2B     | [SDIP32]  | (175)  |
| STMicroelectronics | ST72F32AK2T     | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F340K2T     | [LQFP32]  | (159)  |
| STMicroelectronics | ST72F340K4T     | [LQFP32]  | (159)  |
| STMicroelectronics | ST72F340S2T     | [LQFP44]  | (94)   |
| STMicroelectronics | ST72F340S4T     | [LQFP44]  | (94)   |
| STMicroelectronics | ST72F344K2T     | [LQFP32]  | (159)  |
| STMicroelectronics | ST72F344K4T     | [LQFP32]  | (159)  |
| STMicroelectronics | ST72F344S2T     | [LQFP44]  | (94)   |
| STMicroelectronics | ST72F344S4T     | [LQFP44]  | (94)   |
| STMicroelectronics | ST72F345C4T     | [LQFP48]  | (174)  |
| STMicroelectronics | ST72F361AR6T    | [TQFP64]  | (236)  |
| STMicroelectronics | ST72F361AR7T    | [TQFP64]  | (236)  |
| STMicroelectronics | ST72F361AR9T    | [TQFP64]  | (236)  |
| STMicroelectronics | ST72F361J6T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F361J7T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F361J9T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F361K6T     | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F361K7T     | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F361K9T     | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F521AR6T    | [TQFP64]  | (236)  |
| STMicroelectronics | ST72F521AR9T    | [TQFP64]  | (236)  |
| STMicroelectronics | ST72F521M9T     | [TQFP80]  | (1254) |
| STMicroelectronics | ST72F521R6T     | [TQFP64]  | (225)  |
| STMicroelectronics | ST72F521R9T     | [TQFP64]  | (225)  |
| STMicroelectronics | ST72F561AR4T    | [TQFP64]  | (236)  |
| STMicroelectronics | ST72F561AR6T    | [TQFP64]  | (236)  |
| STMicroelectronics | ST72F561AR9T    | [TQFP64]  | (236)  |
| STMicroelectronics | ST72F561J4T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F561J6T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F561J9T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F561K4T     | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F561K6T     | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F561K9T     | [TQFP32]  | (159)  |
| STMicroelectronics | ST72F561R6T     | [TQFP64]  | (225)  |
| STMicroelectronics | ST72F561R9T     | [TQFP64]  | (225)  |
| STMicroelectronics | ST72F60E1M      | [SOIC24]  | (1062) |
| STMicroelectronics | ST72F60E2M      | [SOIC24]  | (1062) |
| STMicroelectronics | ST72F60K1U      | [QFN40]   | (885)  |
| STMicroelectronics | ST72F60K2U      | [QFN40]   | (885)  |
| STMicroelectronics | ST72F621J2B     | [PSDIP42] | (164)  |
| STMicroelectronics | ST72F621J2T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F621J4B     | [PSDIP42] | (164)  |
| STMicroelectronics | ST72F621J4T     | [TQFP44]  | (94)   |
| STMicroelectronics | ST72F621K4B     | [SDIP32]  | (175)  |
| STMicroelectronics | ST72F621L2M     | [SSOP34]  | (571)  |
| STMicroelectronics | ST72F621L4M     | [SSOP34]  | (571)  |
| STMicroelectronics | ST72F622L2M     | [SSOP34]  | (571)  |
| STMicroelectronics | ST72F623F2B     |           |        |
| STMicroelectronics | ST72F623F2M     | [SOIC20]  | (119)  |
| STMicroelectronics | ST72F63BD6U     | [QFN40]   | (1062) |
| STMicroelectronics | ST72F63BE1M     | [SOIC24]  | (1062) |
| STMicroelectronics | ST72F63BE2M     | [SOIC24]  | (1062) |
| STMicroelectronics | ST72F63BE4M     | [SOIC24]  | (1062) |
| STMicroelectronics | ST72F63BE6M     | [SOIC24]  | (1062) |
| STMicroelectronics | ST72F63BH2T     | [LQFN48]  | (174)  |
| STMicroelectronics | ST72F63BH4T     | [LQFN48]  | (174)  |
| STMicroelectronics | ST72F63BH6T     | [LQFN48]  | (174)  |
| STMicroelectronics | ST72F63BK1B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72F63BK1M     | [SSOP34]  | (571)  |
| STMicroelectronics | ST72F63BK2B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72F63BK2M     | [SSOP34]  | (571)  |
| STMicroelectronics | ST72F63BK2U     | [QFN40]   | (1062) |
| STMicroelectronics | ST72F63BK4B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72F63BK4M     | [SSOP34]  | (571)  |
| STMicroelectronics | ST72F63BK6B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72F63BK6M     | [SSOP34]  | (571)  |
| STMicroelectronics | ST72F651AR6T    | [LQFP64]  | (876)  |
| STMicroelectronics | ST72P104G1B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72P104G1M     | [SOIC28]  | (51)   |
| STMicroelectronics | ST72P104G2B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72P104G2M     | [SOIC28]  | (51)   |
| STMicroelectronics | ST72P124J2B     | [SDIP42]  | (164)  |
| STMicroelectronics | ST72P141K2B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72P215G2B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72P215G2M     | [SOIC28]  | (51)   |
| STMicroelectronics | ST72P216G1B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72P216G1M     | [SOIC28]  | (51)   |
| STMicroelectronics | ST72P254G1B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72P254G1M     | [SOIC28]  | (51)   |
| STMicroelectronics | ST72P254G2B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72P254G2M     | [SOIC28]  | (51)   |
| STMicroelectronics | ST72P260G1B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72P260G1M     | [SOIC28]  | (51)   |
| STMicroelectronics | ST72P262G1B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72P262G1M     | [SOIC28]  | (51)   |
| STMicroelectronics | ST72P262G2B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72P262G2M     | [SOIC28]  | (51)   |
| STMicroelectronics | ST72P264G1B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72P264G1M     | [SOIC28]  | (51)   |
| STMicroelectronics | ST72P264G2B     | [PSDIP32] | (175)  |
| STMicroelectronics | ST72P264G2M     | [SOIC28]  | (51)   |
| STMicroelectronics | ST72P314J2B     | [PSDIP42] | (164)  |
| STMicroelectronics | ST72P314J4B     | [PSDIP42] | (164)  |
| STMicroelectronics | ST72P314N4      | [SDIP56]  | (986)  |
| STMicroelectronics | ST72P314N4      | [TQFP64]  | (225)  |
| STMicroelectronics | ST72P321B(AR6)T | [LQFP64]  | (236)  |
| STMicroelectronics | ST72P321B(AR7)T | [LQFP64]  | (236)  |
| STMicroelectronics | ST72P321B(AR9)T | [LQFP64]  | (236)  |
| STMicroelectronics | ST72P321B(J6)T  | [LQFP44]  | (94)   |
| STMicroelectronics | ST72P321B(J7)T  | [LQFP44]  | (94)   |

|                    |                |                   |        |
|--------------------|----------------|-------------------|--------|
| STMicroelectronics | ST72P321B(J9)T | [LQFP44]          | (94)   |
| STMicroelectronics | ST72P321B(R6)T | [LQFP64]          | (225)  |
| STMicroelectronics | ST72P321B(R7)T | [LQFP64]          | (225)  |
| STMicroelectronics | ST72P321B(R9)T | [LQFP64]          | (225)  |
| STMicroelectronics | ST72P321TC00   | [TQFP64]          | (236)  |
| STMicroelectronics | ST72P324B(J2)T | [LQFP44]          | (94)   |
| STMicroelectronics | ST72P324B(J4)T | [LQFP44]          | (94)   |
| STMicroelectronics | ST72P324B(J6)T | [LQFP44]          | (94)   |
| STMicroelectronics | ST72P324B(K2)T | [LQFP32]          | (159)  |
| STMicroelectronics | ST72P324B(K4)T | [LQFP32]          | (159)  |
| STMicroelectronics | ST72P324B(K6)T | [LQFP32]          | (159)  |
| STMicroelectronics | ST72P324J2B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72P324J2T    | [TQFP44]          | (94)   |
| STMicroelectronics | ST72P324J4B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72P324J4T    | [TQFP44]          | (94)   |
| STMicroelectronics | ST72P324J6B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72P324J6T    | [TQFP44]          | (94)   |
| STMicroelectronics | ST72P324K2B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72P324K2T    | [TQFP32]          | (159)  |
| STMicroelectronics | ST72P324K4B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72P324K4T    | [TQFP32]          | (159)  |
| STMicroelectronics | ST72P324K6B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72P324K6T    | [TQFP32]          | (159)  |
| STMicroelectronics | ST72P32A(J1)T  | [LQFP44]          | (94)   |
| STMicroelectronics | ST72P32A(J2)T  | [LQFP44]          | (94)   |
| STMicroelectronics | ST72P32A(K1)T  | [LQFP32]          | (159)  |
| STMicroelectronics | ST72P32A(K2)T  | [LQFP32]          | (159)  |
| STMicroelectronics | ST72P334J2B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72P334J4B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72P334N4     | [TQFP64]          | (225)  |
| STMicroelectronics | ST72P334N4B    | [SDIP56]          | (986)  |
| STMicroelectronics | ST72P344K2T    | [LQFP32]          | (159)  |
| STMicroelectronics | ST72P344K4T    | [LQFP32]          | (159)  |
| STMicroelectronics | ST72P344S2T    | [LQFP44]          | (94)   |
| STMicroelectronics | ST72P344S4T    | [LQFP44]          | (94)   |
| STMicroelectronics | ST72P345C4T    | [LQFP48]          | (174)  |
| STMicroelectronics | ST72P561AR6T   | [TQFP64]          | (236)  |
| STMicroelectronics | ST72P561AR9T   | [TQFP64]          | (236)  |
| STMicroelectronics | ST72P561J6T    | [TQFP44]          | (94)   |
| STMicroelectronics | ST72P561J9T    | [TQFP44]          | (94)   |
| STMicroelectronics | ST72P561K6T    | [TQFP32]          | (159)  |
| STMicroelectronics | ST72P561K9T    | [TQFP32]          | (159)  |
| STMicroelectronics | ST72P561R6T    | [TQFP64]          | (225)  |
| STMicroelectronics | ST72P561R9T    | [TQFP64]          | (225)  |
| STMicroelectronics | ST72P60E1M     | [SO24]            | (1062) |
| STMicroelectronics | ST72P60E2M     | [SO24]            | (1062) |
| STMicroelectronics | ST72P60K1U     | [QFN40]           | (885)  |
| STMicroelectronics | ST72P60K2U     | [QFN40]           | (885)  |
| STMicroelectronics | ST72P621J2B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72P621J2T    | [TQFP44]          | (94)   |
| STMicroelectronics | ST72P621J4B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72P621J4T    | [TQFP44]          | (94)   |
| STMicroelectronics | ST72P621K4B    | [SDIP32]          | (175)  |
| STMicroelectronics | ST72P621L4M    | [SSOP34]          | (571)  |
| STMicroelectronics | ST72P622L2M    | [SSOP34]          | (571)  |
| STMicroelectronics | ST72P623F2B    |                   |        |
| STMicroelectronics | ST72P623F2M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST72P63BK2B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72P63BK2M    | [SSOP34]          | (571)  |
| STMicroelectronics | ST72P63BK4B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72P63BK4M    | [SSOP34]          | (571)  |
| STMicroelectronics | ST72T101G1B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T101G1M    | [SOIC28]          | (51)   |
| STMicroelectronics | ST72T101G2B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T101G2M    | [SOIC28]          | (51)   |
| STMicroelectronics | ST72T121J2B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72T121J2T    | [TQFP44]          | (94)   |
| STMicroelectronics | ST72T121J4B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72T121J4T    | [TQFP44]          | (94)   |
| STMicroelectronics | ST72T141K2B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T141K2M    | [SSOP34]          | (571)  |
| STMicroelectronics | ST72T121G1B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T121G1M    | [SOIC28]          | (51)   |
| STMicroelectronics | ST72T121G2B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T121G2M    | [SOIC28]          | (51)   |
| STMicroelectronics | ST72T121G1B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T121G1M    | [SOIC28]          | (51)   |
| STMicroelectronics | ST72T121G2B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T121G2M    | [SOIC28]          | (51)   |
| STMicroelectronics | ST72T251G1B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T251G1M    | [SOIC28]          | (51)   |
| STMicroelectronics | ST72T251G2B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T251G2M    | [SOIC28]          | (51)   |
| STMicroelectronics | ST72T272K2B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T272K2M    | [SSOP34]          | (571)  |
| STMicroelectronics | ST72T272K4B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T272K4M    | [SSOP34]          | (571)  |
| STMicroelectronics | ST72T311J2B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72T311J2T    | [TQFP44]          | (94)   |
| STMicroelectronics | ST72T311J4B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72T311J4T    | [TQFP44]          | (94)   |
| STMicroelectronics | ST72T311R6T    | [TQFP64]          | (225)  |
| STMicroelectronics | ST72T311R7T    | [TQFP64]          | (225)  |
| STMicroelectronics | ST72T311R9T    | [TQFP64]          | (225)  |
| STMicroelectronics | ST72T331J2B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72T331J4B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72T372J4B    | [PSDIP42]         | (164)  |
| STMicroelectronics | ST72T511R6T    | [TQFP64]          | (225)  |
| STMicroelectronics | ST72T511R7T    | [TQFP64]          | (225)  |
| STMicroelectronics | ST72T511R9T    | [TQFP64]          | (225)  |
| STMicroelectronics | ST72T631K4B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T631K4D    | [CSDIP32]         | (175)  |
| STMicroelectronics | ST72T631K4M    | [SSOP34]          | (571)  |
| STMicroelectronics | ST72T632K2B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T632K2M    | [SSOP34]          | (571)  |
| STMicroelectronics | ST72T633K1B    | [PSDIP32]         | (175)  |
| STMicroelectronics | ST72T633K1M    | [SSOP34]          | (571)  |
| STMicroelectronics | ST7FDALIF2B    |                   |        |
| STMicroelectronics | ST7FDALIF2B    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FDALIF2B    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FDALIF2M    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FDALIF2M    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FDALIF2M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FL05Y0M     | [SOIC16]          | (44)   |
| STMicroelectronics | ST7FL09Y0M     | [SOIC16]          | (44)   |
| STMicroelectronics | ST7FL34F2M     | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FL35F2M     | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FL35F2M     | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FL35F2M     | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FL38F2M     | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FL39F2M     | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLCD1G9M    | [SOIC28]          | (51)   |
| STMicroelectronics | ST7FLI49K2B6   | [SDIP32]          | (175)  |
| STMicroelectronics | ST7FLI49K2T6   | [LQFP32]          | (159)  |
| STMicroelectronics | ST7FLI49MK1B6  | [SDIP32]          | (175)  |
| STMicroelectronics | ST7FLI49MK1T6  | [LQFP32]          | (159)  |
| STMicroelectronics | ST7FLIT10BF0B  |                   |        |
| STMicroelectronics | ST7FLIT10BF0M  | [SOIC20]          | (119)  |

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| STMicroelectronics | ST7FLIT10BF1B    |                   |        |
| STMicroelectronics | ST7FLIT10BF1M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLIT10BY0B    |                   |        |
| STMicroelectronics | ST7FLIT10BY0M    | [SOIC16]          | (1060) |
| STMicroelectronics | ST7FLIT10BY1B    |                   |        |
| STMicroelectronics | ST7FLIT10BY1M    | [SOIC16]          | (1060) |
| STMicroelectronics | ST7FLIT15BF0B    |                   |        |
| STMicroelectronics | ST7FLIT15BF0M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLIT15BF1B    |                   |        |
| STMicroelectronics | ST7FLIT15BF1M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLIT15BY0B    |                   |        |
| STMicroelectronics | ST7FLIT15BY0M    | [SOIC16]          | (1060) |
| STMicroelectronics | ST7FLIT15BY1B    |                   |        |
| STMicroelectronics | ST7FLIT15BY1M    | [SOIC16]          | (1060) |
| STMicroelectronics | ST7FLIT19BF0B    |                   |        |
| STMicroelectronics | ST7FLIT19BF0M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLIT19BF1B    |                   |        |
| STMicroelectronics | ST7FLIT19BF1M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLIT19BY0B    |                   |        |
| STMicroelectronics | ST7FLIT19BY0M    | [SOIC16]          | (1060) |
| STMicroelectronics | ST7FLIT19BY1B    |                   |        |
| STMicroelectronics | ST7FLIT19BY1M    | [SOIC16]          | (1060) |
| STMicroelectronics | ST7FLITE02Y0B    |                   |        |
| STMicroelectronics | ST7FLITE02Y0B    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE02Y0B    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE02Y0M    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE02Y0M    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE02Y0M    | [SOIC16]          | (44)   |
| STMicroelectronics | ST7FLITE05Y0B    |                   |        |
| STMicroelectronics | ST7FLITE05Y0B    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE05Y0B    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE05Y0M    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE05Y0M    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE05Y0M    | [SOIC16]          | (44)   |
| STMicroelectronics | ST7FLITE09Y0B    |                   |        |
| STMicroelectronics | ST7FLITE09Y0B    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE09Y0B    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE09Y0M    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE09Y0M    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE09Y0M    | [SOIC16]          | (44)   |
| STMicroelectronics | ST7FLITE10F1B    |                   |        |
| STMicroelectronics | ST7FLITE10F1M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLITE15F1B    |                   |        |
| STMicroelectronics | ST7FLITE15F1M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLITE19F1B    |                   |        |
| STMicroelectronics | ST7FLITE19F1M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLITE20F2B    |                   |        |
| STMicroelectronics | ST7FLITE20F2B    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE20F2M    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE20F2M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLITE25F2B    |                   |        |
| STMicroelectronics | ST7FLITE25F2B    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE25F2B    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE25F2M    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE25F2M    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE25F2M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLITE29F2B    |                   |        |
| STMicroelectronics | ST7FLITE29F2B    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE29F2B    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE29F2M    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE29F2M    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE29F2M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLITE30F2B    |                   |        |
| STMicroelectronics | ST7FLITE30F2B    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE30F2M    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE30F2M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLITE35F2B    |                   |        |
| STMicroelectronics | ST7FLITE35F2B    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE35F2B    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE35F2M    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE35F2M    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE35F2M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLITE39F2B    |                   |        |
| STMicroelectronics | ST7FLITE39F2B    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE39F2B    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE39F2M    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITE39F2M    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITE39F2M    | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FLITEBC       | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITEBC       | [SOIC16]          | (44)   |
| STMicroelectronics | ST7FLITES2Y0B    |                   |        |
| STMicroelectronics | ST7FLITES2Y0B    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITES2Y0B    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITES2Y0M    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITES2Y0M    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITES2Y0M    | [SOIC16]          | (44)   |
| STMicroelectronics | ST7FLITES5Y0B    |                   |        |
| STMicroelectronics | ST7FLITES5Y0B    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITES5Y0B    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITES5Y0M    | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FLITES5Y0M    | (ICP OPT Enable)  | (138)  |
| STMicroelectronics | ST7FLITES5Y0M    | [SOIC16]          | (44)   |
| STMicroelectronics | ST7FLITEU02B     |                   |        |
| STMicroelectronics | ST7FLITEU02M     | [SOIC8]           | (950)  |
| STMicroelectronics | ST7FLITEU05B     |                   |        |
| STMicroelectronics | ST7FLITEU05M     | [SOIC8]           | (950)  |
| STMicroelectronics | ST7FLITEU09B     |                   |        |
| STMicroelectronics | ST7FLITEU09M     | [SOIC8]           | (950)  |
| STMicroelectronics | ST7FLITEUS5B     |                   |        |
| STMicroelectronics | ST7FLITEUS5M     | [SOIC8]           | (950)  |
| STMicroelectronics | ST7FLITEUSA2B6   |                   |        |
| STMicroelectronics | ST7FLITEUSA2M6   | [SOIC8]           | (950)  |
| STMicroelectronics | ST7FLITEUSA2M6TR | [SOIC8]           | (950)  |
| STMicroelectronics | ST7FLITEUSA5B    |                   |        |
| STMicroelectronics | ST7FLITEUSA5M    | [SOIC8]           | (950)  |
| STMicroelectronics | ST7FLITEUSA5M6TR | [SOIC8]           | (950)  |
| STMicroelectronics | ST7FMC1K2B       | [PSDIP32]         | (175)  |
| STMicroelectronics | ST7FMC1K2T       | [TQFP32]          | (159)  |
| STMicroelectronics | ST7FMC1K4T       | [TQFP32]          | (159)  |
| STMicroelectronics | ST7FMC2M9T       | [TQFP80]          | (1258) |
| STMicroelectronics | ST7FMC2R6T       | [TQFP64]          | (1059) |
| STMicroelectronics | ST7FMC2R7T       | [TQFP64]          | (1059) |
| STMicroelectronics | ST7FMC2S4T       | [TQFP44]          | (94)   |
| STMicroelectronics | ST7FMC2S5T       | [TQFP44]          | (94)   |
| STMicroelectronics | ST7FMC2S6T       | [TQFP44]          | (94)   |
| STMicroelectronics | ST7FMC2S7T       | [TQFP44]          | (94)   |
| STMicroelectronics | ST7FMC2S9T       | [TQFP44]          | (94)   |
| STMicroelectronics | ST7FOXAOB6       | [DIP8]            |        |
| STMicroelectronics | ST7FOXAO6M       | [SOIC8]           | (950)  |
| STMicroelectronics | ST7FOXFI86       | [PDIP20]          |        |
| STMicroelectronics | ST7FOXFI86       | [SOIC20]          | (119)  |
| STMicroelectronics | ST7FOXK1B6       | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FOXK1B6       | [SDIP32]          | (175)  |
| STMicroelectronics | ST7FOXK1T6       | (ICP OPT Disable) | (138)  |
| STMicroelectronics | ST7FOXK1T6       | [LQFP32]          | (159)  |
| STMicroelectronics | ST7FOXK2B6       | [SDIP32]          | (175)  |
| STMicroelectronics | ST7FOXK2T6       | [LQFP32]          | (159)  |
| STMicroelectronics | ST7PDALIF2M      | [SOIC20]          | (119)  |

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| STMicroelectronics | ST7PLITE02Y0B            |        |
| STMicroelectronics | ST7PLITE02Y0M [SOIC16]   | (44)   |
| STMicroelectronics | ST7PLITE05Y0B            |        |
| STMicroelectronics | ST7PLITE05Y0M [SOIC16]   | (44)   |
| STMicroelectronics | ST7PLITE09Y0B            |        |
| STMicroelectronics | ST7PLITE09Y0M [SOIC16]   | (44)   |
| STMicroelectronics | ST7PLITE10F1B            |        |
| STMicroelectronics | ST7PLITE15F1B            |        |
| STMicroelectronics | ST7PLITE19F1B            |        |
| STMicroelectronics | ST7PLITE20F2B            |        |
| STMicroelectronics | ST7PLITE25F2B            |        |
| STMicroelectronics | ST7PLITE29F2B            |        |
| STMicroelectronics | ST7PLITES2Y0B            |        |
| STMicroelectronics | ST7PLITES2Y0M [SOIC16]   | (44)   |
| STMicroelectronics | ST7PLITES5Y0B            |        |
| STMicroelectronics | ST7PLITES5Y0M [SOIC16]   | (44)   |
| STMicroelectronics | ST7PLITEU02B             |        |
| STMicroelectronics | ST7PLITEU02M [SOIC8]     | (950)  |
| STMicroelectronics | ST7PLITEU05B             |        |
| STMicroelectronics | ST7PLITEU05M [SOIC8]     | (950)  |
| STMicroelectronics | ST7PLITEU09B             |        |
| STMicroelectronics | ST7PLITEU09M [SOIC8]     | (950)  |
| STMicroelectronics | ST7PLITEUS5B             |        |
| STMicroelectronics | ST7PLITEUS5M [SOIC8]     | (950)  |
| STMicroelectronics | ST7PLITEUSA5B            |        |
| STMicroelectronics | ST7PLITEUSA5M [SOIC8]    | (950)  |
| STMicroelectronics | ST7PLUSA2B               |        |
| STMicroelectronics | ST7PLUSA2M [SOIC8]       | (950)  |
| STMicroelectronics | ST7PLUSA2M3TR [SOIC8]    | (950)  |
| STMicroelectronics | ST7PLUSA2M6TR [SOIC8]    | (950)  |
| STMicroelectronics | ST7PLUSA5B               |        |
| STMicroelectronics | ST7PLUSA5M [SOIC8]       | (950)  |
| STMicroelectronics | ST7PLUSA5M3TR [SOIC8]    | (950)  |
| STMicroelectronics | ST7PLUSA5M6TR [SOIC8]    | (950)  |
| STMicroelectronics | ST7PMC1K2B [PSDIP32]     | (175)  |
| STMicroelectronics | ST7PMC1K2T [TQFP32]      | (159)  |
| STMicroelectronics | ST7PMC1K2TC [TQFP32]     | (159)  |
| STMicroelectronics | ST7PMC2M9T [TQFP80]      | (1258) |
| STMicroelectronics | ST7PMC2R6T [TQFP64]      | (1059) |
| STMicroelectronics | ST7PMC2R7T [TQFP64]      | (1059) |
| STMicroelectronics | ST7PMC2S4T [TQFP44]      | (94)   |
| STMicroelectronics | ST7PMC2S4TC [TQFP44]     | (94)   |
| STMicroelectronics | ST7PMC2S5T [TQFP44]      | (94)   |
| STMicroelectronics | ST7PMC2S5TC [TQFP44]     | (94)   |
| STMicroelectronics | ST7UD05 [HiQUAD64]       | (2264) |
| STMicroelectronics | ST92F120JV1 [PQFP100]    | (242)  |
| STMicroelectronics | ST92F120JV9 [PQFP100]    | (242)  |
| STMicroelectronics | ST92F120V1 [PQFP100]     | (242)  |
| STMicroelectronics | ST92F120V9 [PQFP100]     | (242)  |
| STMicroelectronics | ST92F124R9 [TQFP64]      | (613)  |
| STMicroelectronics | ST92F124V1 [PQFP100]     | (242)  |
| STMicroelectronics | ST92F124V1 [TQFP100]     | (243)  |
| STMicroelectronics | ST92F150CV1 [PQFP100]    | (242)  |
| STMicroelectronics | ST92F150CV1 [TQFP100]    | (243)  |
| STMicroelectronics | ST92F150CV9 [TQFP100]    | (243)  |
| STMicroelectronics | ST92F150JDV1 [PQFP100]   | (242)  |
| STMicroelectronics | ST92F150JDV1 [TQFP100]   | (243)  |
| STMicroelectronics | ST92F250CV2 [PQFP100]    | (242)  |
| STMicroelectronics | ST92F250CV2 [TQFP100]    | (243)  |
| STMicroelectronics | ST93C06/C (x16)          |        |
| STMicroelectronics | ST93C06/C (x16) (ISP)    | (138)  |
| STMicroelectronics | ST93C06/C (x16) [SOIC8]  | (950)  |
| STMicroelectronics | ST93C06/C (x8)           |        |
| STMicroelectronics | ST93C06/C (x8) (ISP)     | (138)  |
| STMicroelectronics | ST93C06/C (x8) [SOIC8]   | (950)  |
| STMicroelectronics | ST93C46A/C (x16)         |        |
| STMicroelectronics | ST93C46A/C (x16) (ISP)   | (138)  |
| STMicroelectronics | ST93C46A/C (x16) [SOIC8] | (950)  |
| STMicroelectronics | ST93C46A/C (x8)          |        |
| STMicroelectronics | ST93C46A/C (x8) (ISP)    | (138)  |
| STMicroelectronics | ST93C46A/C (x8) [SOIC8]  | (950)  |
| STMicroelectronics | ST93C46-T (x16) [SOIC8]  | (950)  |
| STMicroelectronics | ST93C46-T (x8) [SOIC8]   | (950)  |
| STMicroelectronics | ST93C47C (x16)           |        |
| STMicroelectronics | ST93C47C (x16) (ISP)     | (138)  |
| STMicroelectronics | ST93C47C (x16) [SOIC8]   | (950)  |
| STMicroelectronics | ST93C47C (x8)            |        |
| STMicroelectronics | ST93C47C (x8) (ISP)      | (138)  |
| STMicroelectronics | ST93C47C (x8) [SOIC8]    | (950)  |
| STMicroelectronics | ST93C47-T (x16) [SOIC8]  | (950)  |
| STMicroelectronics | ST93C47-T (x8) [SOIC8]   | (950)  |
| STMicroelectronics | ST93C56/C (x16)          |        |
| STMicroelectronics | ST93C56/C (x16) (ISP)    | (138)  |
| STMicroelectronics | ST93C56/C (x16) [SOIC8]  | (950)  |
| STMicroelectronics | ST93C56/C (x8)           |        |
| STMicroelectronics | ST93C56/C (x8) (ISP)     | (138)  |
| STMicroelectronics | ST93C56/C (x8) [SOIC8]   | (950)  |
| STMicroelectronics | ST93C57C (x16)           |        |
| STMicroelectronics | ST93C57C (x16) (ISP)     | (138)  |
| STMicroelectronics | ST93C57C (x16) [SOIC8]   | (950)  |
| STMicroelectronics | ST93C57C (x8)            |        |
| STMicroelectronics | ST93C57C (x8) (ISP)      | (138)  |
| STMicroelectronics | ST93C57C (x8) [SOIC8]    | (950)  |
| STMicroelectronics | ST93C66 (x16)            |        |
| STMicroelectronics | ST93C66 (x16) (ISP)      | (138)  |
| STMicroelectronics | ST93C66 (x16) [SOIC8]    | (950)  |
| STMicroelectronics | ST93C66 (x8)             |        |
| STMicroelectronics | ST93C66 (x8) (ISP)       | (138)  |
| STMicroelectronics | ST93C66 (x8) [SOIC8]     | (950)  |
| STMicroelectronics | ST93C67 (x16)            |        |
| STMicroelectronics | ST93C67 (x16) (ISP)      | (138)  |
| STMicroelectronics | ST93C67 (x16) [SOIC8]    | (950)  |
| STMicroelectronics | ST93C67 (x8)             |        |
| STMicroelectronics | ST93C67 (x8) (ISP)       | (138)  |
| STMicroelectronics | ST93C67 (x8) [SOIC8]     | (950)  |
| STMicroelectronics | ST93CS46                 |        |
| STMicroelectronics | ST93CS46 (ISP)           | (138)  |
| STMicroelectronics | ST93CS46 [SOIC8]         | (950)  |
| STMicroelectronics | ST93CS47                 |        |
| STMicroelectronics | ST93CS47 (ISP)           | (138)  |
| STMicroelectronics | ST93CS47 [SOIC8]         | (950)  |
| STMicroelectronics | ST93CS56                 |        |
| STMicroelectronics | ST93CS56 (ISP)           | (138)  |
| STMicroelectronics | ST93CS56 [SOIC8]         | (950)  |
| STMicroelectronics | ST93CS57                 |        |
| STMicroelectronics | ST93CS57 (ISP)           | (138)  |
| STMicroelectronics | ST93CS57 [SOIC8]         | (950)  |
| STMicroelectronics | ST93CS66                 |        |
| STMicroelectronics | ST93CS66 (ISP)           | (138)  |
| STMicroelectronics | ST93CS66 [SO14]          | (951)  |
| STMicroelectronics | ST93CS66 [SOIC8]         | (950)  |
| STMicroelectronics | ST93CS67                 |        |
| STMicroelectronics | ST93CS67 (ISP)           | (138)  |
| STMicroelectronics | ST93CS67 [SO14]          | (951)  |
| STMicroelectronics | ST93CS67 [SOIC8]         | (950)  |
| STMicroelectronics | ST95010                  |        |
| STMicroelectronics | ST95010 (ISP)            | (138)  |
| STMicroelectronics | ST95010 [SOIC8]          | (950)  |

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| STMicroelectronics | ST95020                    |              |  |
| STMicroelectronics | ST95020 (ISP)              | (138)        |  |
| STMicroelectronics | ST95020 [SOIC8]            | (950)        |  |
| STMicroelectronics | ST95021                    |              |  |
| STMicroelectronics | ST95021 (ISP)              | (138)        |  |
| STMicroelectronics | ST95021 [SOIC8]            | (950)        |  |
| STMicroelectronics | ST95022 (ISP)              | (138)        |  |
| STMicroelectronics | ST95022 [SOIC8]            | (950)        |  |
| STMicroelectronics | ST95040                    |              |  |
| STMicroelectronics | ST95040 (ISP)              | (138)        |  |
| STMicroelectronics | ST95040 [SOIC8]            | (950)        |  |
| STMicroelectronics | ST95041                    |              |  |
| STMicroelectronics | ST95041 (ISP)              | (138)        |  |
| STMicroelectronics | ST95041 [SOIC8]            | (950)        |  |
| STMicroelectronics | ST95080                    |              |  |
| STMicroelectronics | ST95080 (ISP)              | (138)        |  |
| STMicroelectronics | ST95080 [SOIC8]            | (950)        |  |
| STMicroelectronics | ST95128                    |              |  |
| STMicroelectronics | ST95160                    |              |  |
| STMicroelectronics | ST95160 (ISP)              | (138)        |  |
| STMicroelectronics | ST95320                    |              |  |
| STMicroelectronics | ST95320 (ISP)              | (138)        |  |
| STMicroelectronics | ST95640                    |              |  |
| STMicroelectronics | ST95640 (ISP)              | (138)        |  |
| STMicroelectronics | ST95P02                    |              |  |
| STMicroelectronics | ST95P02 (ISP)              | (138)        |  |
| STMicroelectronics | ST95P02 [SOIC8]            | (950)        |  |
| STMicroelectronics | ST95P04                    |              |  |
| STMicroelectronics | ST95P04 (ISP)              | (138)        |  |
| STMicroelectronics | ST95P04 [SOIC8]            | (950)        |  |
| STMicroelectronics | ST95P08                    |              |  |
| STMicroelectronics | ST95P08 (ISP)              | (138)        |  |
| STMicroelectronics | ST95P08 [SOIC8]            | (950)        |  |
| STMicroelectronics | STLUX385A [TSSOP38]        | (3130)       |  |
| STMicroelectronics | STM32F030C6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F030C6T [LQFP48]      | (2344)       |  |
| STMicroelectronics | STM32F030C8 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F030C8T [LQFP48]      | (2344)       |  |
| STMicroelectronics | STM32F030CC (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F030CCT [LQFP48]      | (2344)       |  |
| STMicroelectronics | STM32F030F4 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F030F4P [TSSOP20]     | (2981)       |  |
| STMicroelectronics | STM32F030K6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F030K6T [LQFP32]      | (2847)       |  |
| STMicroelectronics | STM32F030R8 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F030R8T [LQFP64]      | (1576)       |  |
| STMicroelectronics | STM32F030RC (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F030RCT [LQFP64]      | (1576)       |  |
| STMicroelectronics | STM32F031C4 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F031C4T [LQFP48]      | (2344)       |  |
| STMicroelectronics | STM32F031C6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F031C6T [LQFP48]      | (2344)       |  |
| STMicroelectronics | STM32F031F4 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F031F4P [TSSOP20]     | (2981)       |  |
| STMicroelectronics | STM32F031F6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F031F6P [TSSOP20]     | (2981)       |  |
| STMicroelectronics | STM32F031G4 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F031G4U [UFQFPN28]    | (2974)       |  |
| STMicroelectronics | STM32F031G6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F031G6U [UFQFPN28]    | (2974)       |  |
| STMicroelectronics | STM32F031K4 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F031K4U [UFQFPN32]    | (2848)       |  |
| STMicroelectronics | STM32F031K6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F031K6U [UFQFPN32]    | (2848)       |  |
| STMicroelectronics | STM32F038C6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F038C6T [LQFP48]      | (2344)       |  |
| STMicroelectronics | STM32F038F6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F038F6P [TSSOP20]     | (3420)       |  |
| STMicroelectronics | STM32F038G6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F038G6U [UFQFPN28]    | (3288)       |  |
| STMicroelectronics | STM32F038K6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F038K6U [UFQFPN32]    | (2848)       |  |
| STMicroelectronics | STM32F042C4 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F042C4T [LQFP48]      | (2344)       |  |
| STMicroelectronics | STM32F042C4U [UFQFPN48]    | (2406)       |  |
| STMicroelectronics | STM32F042C6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F042C6T [LQFP48]      | (2344)       |  |
| STMicroelectronics | STM32F042C6U [UFQFPN48]    | (2406)       |  |
| STMicroelectronics | STM32F042F4 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F042F4P [TSSOP20]     | (2981)       |  |
| STMicroelectronics | STM32F042F6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F042F6P [TSSOP20]     | (2981)       |  |
| STMicroelectronics | STM32F042G4 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F042G4U [UFQFPN28]    | (3288)       |  |
| STMicroelectronics | STM32F042G6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F042G6U [UFQFPN28]    | (3288)       |  |
| STMicroelectronics | STM32F042K4 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F042K4T [LQFP32]      | (2847)       |  |
| STMicroelectronics | STM32F042K4U [UFQFPN32]    | (2848)       |  |
| STMicroelectronics | STM32F042K6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F042K6T [LQFP32]      | (2847)       |  |
| STMicroelectronics | STM32F042K6U [UFQFPN32]    | (2848)       |  |
| STMicroelectronics | STM32F042T4 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F042T4Y [WLCSP36]     | (3289)       |  |
| STMicroelectronics | STM32F042T6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F042T6Y [WLCSP36]     | (3289)       |  |
| STMicroelectronics | STM32F048C6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F048C6T [LQFP48]      | (2344)       |  |
| STMicroelectronics | STM32F048C6U [UFQFPN48]    | (2406)       |  |
| STMicroelectronics | STM32F048G6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F048G6U [UFQFPN28]    | (3288)       |  |
| STMicroelectronics | STM32F048T6 (ISP-SWD)      | (138) (9997) |  |
| STMicroelectronics | STM32F048T6Y [WLCSP36]     | (3289)       |  |
| STMicroelectronics | STM32F050C4 (ISP-SWD)      | (138)        |  |
| STMicroelectronics | STM32F050C4T [LQFP48]      | (2344)       |  |
| STMicroelectronics | STM32F050C4TxA [LQFP48]    | (2344)       |  |
| STMicroelectronics | STM32F050C4xxA (ISP-SWD)   | (138)        |  |
| STMicroelectronics | STM32F050C6 (ISP-SWD)      | (138)        |  |
| STMicroelectronics | STM32F050C6T [LQFP48]      | (2344)       |  |
| STMicroelectronics | STM32F050C6TxA [LQFP48]    | (2344)       |  |
| STMicroelectronics | STM32F050C6xxA (ISP-SWD)   | (138)        |  |
| STMicroelectronics | STM32F050F4 (ISP-SWD)      | (138)        |  |
| STMicroelectronics | STM32F050F4P [TSSOP20]     | (2981)       |  |
| STMicroelectronics | STM32F050F6 (ISP-SWD)      | (138)        |  |
| STMicroelectronics | STM32F050F6P [TSSOP20]     | (2981)       |  |
| STMicroelectronics | STM32F050G4 (ISP-SWD)      | (138)        |  |
| STMicroelectronics | STM32F050G4U [UFQFPN28]    | (2974)       |  |
| STMicroelectronics | STM32F050G6 (ISP-SWD)      | (138)        |  |
| STMicroelectronics | STM32F050G6U [UFQFPN28]    | (2974)       |  |
| STMicroelectronics | STM32F050K4 (ISP-SWD)      | (138)        |  |
| STMicroelectronics | STM32F050K4T [LQFP32]      | (2847)       |  |
| STMicroelectronics | STM32F050K4TxA [LQFP32]    | (2847)       |  |
| STMicroelectronics | STM32F050K4U [UFQFPN32]    | (2848)       |  |
| STMicroelectronics | STM32F050K4UxxA [UFQFPN32] | (2848)       |  |
| STMicroelectronics | STM32F050K4xxA (ISP-SWD)   | (138)        |  |
| STMicroelectronics | STM32F050K6 (ISP-SWD)      | (138)        |  |
| STMicroelectronics | STM32F050K6T [LQFP32]      | (2847)       |  |
| STMicroelectronics | STM32F050K6TxA [LQFP32]    | (2847)       |  |

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|--------------------|------------------------------|---------------------|
| STMicroelectronics | STM32F777VI (ISP-JTAG)       | (138) (9997)        |
| STMicroelectronics | STM32F777VI (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32F777VIT [LQFP100]       | (3484)              |
| STMicroelectronics | STM32F777ZI (ISP-JTAG CHAIN) | (138) (9997)        |
| STMicroelectronics | STM32F777ZI (ISP-JTAG)       | (138) (9997)        |
| STMicroelectronics | STM32F777ZI (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32F777ZIT [LQFP144]       | (1572)              |
| STMicroelectronics | STM32F778AI (ISP-JTAG CHAIN) | (138) (9997)        |
| STMicroelectronics | STM32F778AI (ISP-JTAG)       | (138) (9997)        |
| STMicroelectronics | STM32F778AI (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32F778AIY [WLCSPI80]      | (4427)              |
| STMicroelectronics | STM32F779AI (ISP-JTAG CHAIN) | (138) (9997)        |
| STMicroelectronics | STM32F779AI (ISP-JTAG)       | (138) (9997)        |
| STMicroelectronics | STM32F779AI (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32F779AIY [WLCSPI80]      | (4427)              |
| STMicroelectronics | STM32F779BI (ISP-JTAG CHAIN) | (138) (9997)        |
| STMicroelectronics | STM32F779BI (ISP-JTAG)       | (138) (9997)        |
| STMicroelectronics | STM32F779BI (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32F779BIT [LQFP208]       | (4335)              |
| STMicroelectronics | STM32F779II (ISP-JTAG CHAIN) | (138) (9997)        |
| STMicroelectronics | STM32F779II (ISP-JTAG)       | (138) (9997)        |
| STMicroelectronics | STM32F779II (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32F779IIT [LQFP176]       | (4334)              |
| STMicroelectronics | STM32F779NI (ISP-JTAG CHAIN) | (138) (9997)        |
| STMicroelectronics | STM32F779NI (ISP-JTAG)       | (138) (9997)        |
| STMicroelectronics | STM32F779NI (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32F779NIH [TFBGA216]      | (4430)              |
| STMicroelectronics | STM32G071C8U [UFQFPN48]      | (4876)              |
| STMicroelectronics | STM32G071C8U [UFQFPN48]      | (4876)              |
| STMicroelectronics | STM32G081C8U [UFQFPN48]      | (4876)              |
| STMicroelectronics | STM32H743AI (ISP-JTAG CHAIN) | (138) (9997) (9999) |
| STMicroelectronics | STM32H743AI (ISP-JTAG)       | (138) (9997) (9999) |
| STMicroelectronics | STM32H743AI (ISP-SWD)        | (138) (9997) (9999) |
| STMicroelectronics | STM32H743BI (ISP-JTAG CHAIN) | (138) (9997) (9999) |
| STMicroelectronics | STM32H743BI (ISP-JTAG)       | (138) (9997) (9999) |
| STMicroelectronics | STM32H743BI (ISP-SWD)        | (138) (9997) (9999) |
| STMicroelectronics | STM32H743BIT [LQFP208]       | (3307) (9999)       |
| STMicroelectronics | STM32H743II (ISP-JTAG CHAIN) | (138) (9997) (9999) |
| STMicroelectronics | STM32H743II (ISP-JTAG)       | (138) (9997) (9999) |
| STMicroelectronics | STM32H743II (ISP-SWD)        | (138) (9997) (9999) |
| STMicroelectronics | STM32H743IIK [UFBGA176]      | (4880) (9999)       |
| STMicroelectronics | STM32H743IIT [LQFP176]       | (4209) (9999)       |
| STMicroelectronics | STM32H743VI (ISP-JTAG CHAIN) | (138) (9997) (9999) |
| STMicroelectronics | STM32H743VI (ISP-JTAG)       | (138) (9997) (9999) |
| STMicroelectronics | STM32H743VI (ISP-SWD)        | (138) (9997) (9999) |
| STMicroelectronics | STM32H743VIH [TFBGA100]      | (4208) (9999)       |
| STMicroelectronics | STM32H743VIT [LQFP100]       | (3484) (9999)       |
| STMicroelectronics | STM32H743XI (ISP-JTAG CHAIN) | (138) (9997) (9999) |
| STMicroelectronics | STM32H743XI (ISP-JTAG)       | (138) (9997) (9999) |
| STMicroelectronics | STM32H743XI (ISP-SWD)        | (138) (9997) (9999) |
| STMicroelectronics | STM32H743ZI (ISP-JTAG CHAIN) | (138) (9997) (9999) |
| STMicroelectronics | STM32H743ZI (ISP-JTAG)       | (138) (9997) (9999) |
| STMicroelectronics | STM32H743ZI (ISP-SWD)        | (138) (9997) (9999) |
| STMicroelectronics | STM32H743ZIT [LQFP144]       | (1572) (9999)       |
| STMicroelectronics | STM32L010C6 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L010C6T [LQFP48]        | (2344)              |
| STMicroelectronics | STM32L010F4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L010F4P [TSSOP20]       | (2981)              |
| STMicroelectronics | STM32L010K4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L010K4T [LQFP32]        | (2847)              |
| STMicroelectronics | STM32L010K8 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L010K8T [LQFP32]        | (2847)              |
| STMicroelectronics | STM32L010R8 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L010R8T [LQFP64]        | (1576)              |
| STMicroelectronics | STM32L010RB (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L010RBT [LQFP64]        | (1576)              |
| STMicroelectronics | STM32L011D3 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L011D3P [TSSOP14]       | (3937)              |
| STMicroelectronics | STM32L011D4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L011D4P [TSSOP14]       | (3937)              |
| STMicroelectronics | STM32L011E3 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L011E3Y [WLCSPI25]      | (4679)              |
| STMicroelectronics | STM32L011E4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L011E4Y [WLCSPI25]      | (4679)              |
| STMicroelectronics | STM32L011F3 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L011F3P [TSSOP20]       | (2981)              |
| STMicroelectronics | STM32L011F3U [UFQFPN20]      | (3936)              |
| STMicroelectronics | STM32L011F4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L011F4P [TSSOP20]       | (2981)              |
| STMicroelectronics | STM32L011F4U [UFQFPN20]      | (3936)              |
| STMicroelectronics | STM32L011G3 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L011G3U [UFQFPN28]      | (3288)              |
| STMicroelectronics | STM32L011G4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L011G4U [UFQFPN28]      | (3288)              |
| STMicroelectronics | STM32L011K3 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L011K3T [LQFP32]        | (2847)              |
| STMicroelectronics | STM32L011K3U [UFQFPN32]      | (2848)              |
| STMicroelectronics | STM32L011K4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L011K4T [LQFP32]        | (2847)              |
| STMicroelectronics | STM32L011K4U [UFQFPN32]      | (2848)              |
| STMicroelectronics | STM32L021D4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L021D4P [TSSOP14]       | (3937)              |
| STMicroelectronics | STM32L021F4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L021F4P [TSSOP20]       | (2981)              |
| STMicroelectronics | STM32L021F4U [UFQFPN20]      | (3936)              |
| STMicroelectronics | STM32L021G4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L021G4U [UFQFPN28]      | (3288)              |
| STMicroelectronics | STM32L021K4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L021K4T [LQFP32]        | (2847)              |
| STMicroelectronics | STM32L021K4U [UFQFPN32]      | (2848)              |
| STMicroelectronics | STM32L031C4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L031C4T [LQFP48]        | (2344)              |
| STMicroelectronics | STM32L031C6 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L031C6T [LQFP48]        | (2344)              |
| STMicroelectronics | STM32L031E4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L031E6 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L031F4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L031F4P [TSSOP20]       | (2981)              |
| STMicroelectronics | STM32L031F6 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L031F6P [TSSOP20]       | (2981)              |
| STMicroelectronics | STM32L031G4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L031G4U [UFQFPN28]      | (3933)              |
| STMicroelectronics | STM32L031G4uxS [UFQFPN28]    | (3288)              |
| STMicroelectronics | STM32L031G6 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L031G6U [UFQFPN28]      | (3933)              |
| STMicroelectronics | STM32L031G6uxS [UFQFPN28]    | (3288)              |
| STMicroelectronics | STM32L031K4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L031K4T [LQFP32]        | (2847)              |
| STMicroelectronics | STM32L031K4U [UFQFPN32]      | (2848)              |
| STMicroelectronics | STM32L031K6 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L031K6T [LQFP32]        | (2847)              |
| STMicroelectronics | STM32L031K6U [UFQFPN32]      | (2848)              |
| STMicroelectronics | STM32L041C4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L041C4T [LQFP48]        | (2344)              |
| STMicroelectronics | STM32L041C6 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L041C6T [LQFP48]        | (2344)              |
| STMicroelectronics | STM32L041F4 (ISP-SWD)        | (138) (9997)        |
| STMicroelectronics | STM32L041F4P [TSSOP20]       | (2981)              |

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|--------------------|--------------|------------|--------|
| STMicroelectronics | STM8AF6286T  | [LQFP32]   | (1169) |
| STMicroelectronics | STM8AF6288T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AF6288T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AF6289T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AF6289T  | [LQFP64]   | (1167) |
| STMicroelectronics | STM8AF628AT  | (ISP)      | (1210) |
| STMicroelectronics | STM8AF628AT  | [LQFP80]   | (1150) |
| STMicroelectronics | STM8AF62A6U  | [VFQFPN32] | (1290) |
| STMicroelectronics | STM8AF62A8T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AF62A8T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AF62A9T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AF62A9T  | [LQFP64]   | (1167) |
| STMicroelectronics | STM8AF62AAAT | (ISP)      | (1210) |
| STMicroelectronics | STM8AF62AAAT | [LQFP80]   | (1150) |
| STMicroelectronics | STM8AF6366T  | [LQFP32]   | (1169) |
| STMicroelectronics | STM8AF6388T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AH5168T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH5168T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AH5169T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH5169T  | [LQFP64]   | (1167) |
| STMicroelectronics | STM8AH5178T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH5178T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AH5179T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH5179T  | [LQFP64]   | (1167) |
| STMicroelectronics | STM8AH5188T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH5188T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AH5189T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH5189T  | [LQFP64]   | (1167) |
| STMicroelectronics | STM8AH518AT  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH518AT  | [LQFP80]   | (1150) |
| STMicroelectronics | STM8AH5198T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH5198T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AH5199T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH5199T  | [LQFP64]   | (1167) |
| STMicroelectronics | STM8AH519AT  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH519AT  | [LQFP80]   | (1150) |
| STMicroelectronics | STM8AH51A8T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH51A8T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AH51A9T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH51A9T  | [LQFP64]   | (1167) |
| STMicroelectronics | STM8AH51AAT  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH51AAT  | [LQFP80]   | (1150) |
| STMicroelectronics | STM8AH6126T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6126T  | [LQFP32]   | (1169) |
| STMicroelectronics | STM8AH6146T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6146T  | [LQFP32]   | (1169) |
| STMicroelectronics | STM8AH6148T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6148T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AH6166T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6166T  | [LQFP32]   | (1169) |
| STMicroelectronics | STM8AH6168T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6168T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AH6169T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6169T  | [LQFP64]   | (1167) |
| STMicroelectronics | STM8AH6176T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6176T  | [LQFP32]   | (1169) |
| STMicroelectronics | STM8AH6178T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6178T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AH6179T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6179T  | [LQFP64]   | (1167) |
| STMicroelectronics | STM8AH6186T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6186T  | [LQFP32]   | (1169) |
| STMicroelectronics | STM8AH6188T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6188T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AH6189T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6189T  | [LQFP64]   | (1167) |
| STMicroelectronics | STM8AH618AT  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH618AT  | [LQFP80]   | (1150) |
| STMicroelectronics | STM8AH6198T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6198T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AH6199T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH6199T  | [LQFP64]   | (1167) |
| STMicroelectronics | STM8AH619AT  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH619AT  | [LQFP80]   | (1150) |
| STMicroelectronics | STM8AH61A6T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH61A6T  | [LQFP32]   | (1169) |
| STMicroelectronics | STM8AH61A8T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH61A8T  | [LQFP48]   | (1168) |
| STMicroelectronics | STM8AH61A9T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH61A9T  | [LQFP64]   | (1167) |
| STMicroelectronics | STM8AH61AAT  | (ISP)      | (1210) |
| STMicroelectronics | STM8AH61AAT  | [LQFP80]   | (1150) |
| STMicroelectronics | STM8AL3136T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AL3136T  | [LQFP32]   | (1281) |
| STMicroelectronics | STM8AL3138T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AL3138T  | [LQFP48]   | (1441) |
| STMicroelectronics | STM8AL3146T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AL3146T  | [LQFP32]   | (1281) |
| STMicroelectronics | STM8AL3148T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AL3148T  | [LQFP48]   | (1441) |
| STMicroelectronics | STM8AL3166T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AL3166T  | [LQFP32]   | (1281) |
| STMicroelectronics | STM8AL3168T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AL3168T  | [LQFP48]   | (1441) |
| STMicroelectronics | STM8AL3188T  | [LQFP48]   | (1441) |
| STMicroelectronics | STM8AL318AT  | [LQFP80]   | (2137) |
| STMicroelectronics | STM8AL31E89T | [LQFP64]   | (2138) |
| STMicroelectronics | STM8AL3L46T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AL3L46T  | [LQFP32]   | (1281) |
| STMicroelectronics | STM8AL3L48T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AL3L48T  | [LQFP48]   | (1441) |
| STMicroelectronics | STM8AL3L66T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AL3L66T  | [LQFP32]   | (1281) |
| STMicroelectronics | STM8AL3L68T  | (ISP)      | (1210) |
| STMicroelectronics | STM8AL3L68T  | [LQFP48]   | (1441) |
| STMicroelectronics | STM8AL3L8AT  | [LQFP80]   | (2137) |
| STMicroelectronics | STM8AL3LE88T | [LQFP48]   | (1441) |
| STMicroelectronics | STM8L050J3M  | [SO8N]     | (5055) |
| STMicroelectronics | STM8L051F3P  | (ISP)      | (1210) |
| STMicroelectronics | STM8L051F3P  | [TSSOP20]  | (1289) |
| STMicroelectronics | STM8L052C6T  | (ISP)      | (1210) |
| STMicroelectronics | STM8L052C6T  | [LQFP48]   | (1441) |
| STMicroelectronics | STM8L052R8T  | (ISP)      | (1210) |
| STMicroelectronics | STM8L052R8T  | [LQFP64]   | (2138) |
| STMicroelectronics | STM8L101F1P  | (ISP)      | (1210) |
| STMicroelectronics | STM8L101F1P  | [TSSOP20]  | (1289) |
| STMicroelectronics | STM8L101F1U  | (ISP)      | (1210) |
| STMicroelectronics | STM8L101F1U  | [UQFN20]   | (1285) |
| STMicroelectronics | STM8L101F2P  | (ISP)      | (1210) |
| STMicroelectronics | STM8L101F2P  | [TSSOP20]  | (1289) |
| STMicroelectronics | STM8L101F2U  | (ISP)      | (1210) |
| STMicroelectronics | STM8L101F2U  | [UQFN20]   | (1285) |
| STMicroelectronics | STM8L101F3P  | (ISP)      | (1210) |
| STMicroelectronics | STM8L101F3P  | [TSSOP20]  | (1289) |
| STMicroelectronics | STM8L101F3U  | (ISP)      | (1210) |
| STMicroelectronics | STM8L101F3U  | [UQFN20]   | (1285) |
| STMicroelectronics | STM8L101G2U  | (ISP)      | (1210) |
| STMicroelectronics | STM8L101G2U  | [UFQFPN28] | (1321) |

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| STMicroelectronics | STM8L101G2U | [WFQFPN28] | (1321) |
| STMicroelectronics | STM8L101G3U | (ISP)      | (1210) |
| STMicroelectronics | STM8L101G3U | [UFQFPN28] | (1321) |
| STMicroelectronics | STM8L101G3U | [WFQFPN28] | (1321) |
| STMicroelectronics | STM8L101K3T | (ISP)      | (1210) |
| STMicroelectronics | STM8L101K3T | [LQFP32]   | (1281) |
| STMicroelectronics | STM8L101K3U | (ISP)      | (1210) |
| STMicroelectronics | STM8L101K3U | [UFQFPN32] | (1291) |
| STMicroelectronics | STM8L101K3U | [VFQFPN32] | (1291) |
| STMicroelectronics | STM8L151C2T | [LQFP48]   | (1441) |
| STMicroelectronics | STM8L151C3T | (ISP)      | (1210) |
| STMicroelectronics | STM8L151C3T | [LQFP48]   | (1441) |
| STMicroelectronics | STM8L151C4T | (ISP)      | (1210) |
| STMicroelectronics | STM8L151C4T | [LQFP48]   | (1441) |
| STMicroelectronics | STM8L151C4U | (ISP)      | (1210) |
| STMicroelectronics | STM8L151C4U | [UFQFPN48] | (1462) |
| STMicroelectronics | STM8L151C4U | [VFQFPN48] | (1462) |
| STMicroelectronics | STM8L151C6T | (ISP)      | (1210) |
| STMicroelectronics | STM8L151C6T | [LQFP48]   | (1441) |
| STMicroelectronics | STM8L151C6U | (ISP)      | (1210) |
| STMicroelectronics | STM8L151C6U | [UFQFPN48] | (1462) |
| STMicroelectronics | STM8L151C6U | [VFQFPN48] | (1462) |
| STMicroelectronics | STM8L151C8T | (ISP)      | (1210) |
| STMicroelectronics | STM8L151C8T | [LQFP48]   | (1441) |
| STMicroelectronics | STM8L151C8U | (ISP)      | (1210) |
| STMicroelectronics | STM8L151C8U | [UFQFPN48] | (1462) |
| STMicroelectronics | STM8L151F2P | (ISP)      | (1210) |
| STMicroelectronics | STM8L151F2P | [TSSOP20]  | (1289) |
| STMicroelectronics | STM8L151F2U | (ISP)      | (1210) |
| STMicroelectronics | STM8L151F2U | [UQFN20]   | (1285) |
| STMicroelectronics | STM8L151F3P | (ISP)      | (1210) |
| STMicroelectronics | STM8L151F3P | [TSSOP20]  | (1289) |
| STMicroelectronics | STM8L151F3U | (ISP)      | (1210) |
| STMicroelectronics | STM8L151F3U | [UQFN20]   | (1285) |
| STMicroelectronics | STM8L151G2U | (ISP)      | (1210) |
| STMicroelectronics | STM8L151G2U | [UFQFPN28] | (1321) |
| STMicroelectronics | STM8L151G3U | (ISP)      | (1210) |
| STMicroelectronics | STM8L151G3U | [UFQFPN28] | (1321) |
| STMicroelectronics | STM8L151G4U | (ISP)      | (1210) |
| STMicroelectronics | STM8L151G4U | [UFQFPN28] | (1321) |
| STMicroelectronics | STM8L151G4U | [WFQFPN28] | (1321) |
| STMicroelectronics | STM8L151G4Y | (ISP)      | (1210) |
| STMicroelectronics | STM8L151G4Y | [WLCSP28]  | (2419) |
| STMicroelectronics | STM8L151G6U | (ISP)      | (1210) |
| STMicroelectronics | STM8L151G6U | [UFQFPN28] | (1321) |
| STMicroelectronics | STM8L151G6U | [WFQFPN28] | (1321) |
| STMicroelectronics | STM8L151G6Y | (ISP)      | (1210) |
| STMicroelectronics | STM8L151G6Y | [WLCSP28]  | (2419) |
| STMicroelectronics | STM8L151K2U | (ISP)      | (1210) |
| STMicroelectronics | STM8L151K2U | [UFQFPN32] | (1291) |
| STMicroelectronics | STM8L151K3U | (ISP)      | (1210) |
| STMicroelectronics | STM8L151K3U | [UFQFPN32] | (1291) |
| STMicroelectronics | STM8L151K4T | (ISP)      | (1210) |
| STMicroelectronics | STM8L151K4T | [LQFP32]   | (1281) |
| STMicroelectronics | STM8L151K4U | (ISP)      | (1210) |
| STMicroelectronics | STM8L151K4U | [UFQFPN32] | (1291) |
| STMicroelectronics | STM8L151K4U | [WFQFPN32] | (1291) |
| STMicroelectronics | STM8L151K4U | [XQFN32]   | (1291) |
| STMicroelectronics | STM8L151K6T | (ISP)      | (1210) |
| STMicroelectronics | STM8L151K6T | [LQFP32]   | (1281) |
| STMicroelectronics | STM8L151K6U | (ISP)      | (1210) |
| STMicroelectronics | STM8L151K6U | [UFQFPN32] | (1291) |
| STMicroelectronics | STM8L151K6U | [WFQFPN32] | (1291) |
| STMicroelectronics | STM8L151M8T | (ISP)      | (1210) |
| STMicroelectronics | STM8L151M8T | [LQFP80]   | (2137) |
| STMicroelectronics | STM8L151R6T | (ISP)      | (1210) |
| STMicroelectronics | STM8L151R6T | [LQFP64]   | (2138) |
| STMicroelectronics | STM8L151R8T | (ISP)      | (1210) |
| STMicroelectronics | STM8L151R8T | [LQFP64]   | (2138) |
| STMicroelectronics | STM8L152C4T | (ISP)      | (1210) |
| STMicroelectronics | STM8L152C4T | [LQFP48]   | (1441) |
| STMicroelectronics | STM8L152C4U | (ISP)      | (1210) |
| STMicroelectronics | STM8L152C4U | [UFQFPN48] | (1462) |
| STMicroelectronics | STM8L152C4U | [VFQFPN48] | (1462) |
| STMicroelectronics | STM8L152C6T | (ISP)      | (1210) |
| STMicroelectronics | STM8L152C6T | [LQFP48]   | (1441) |
| STMicroelectronics | STM8L152C6U | (ISP)      | (1210) |
| STMicroelectronics | STM8L152C6U | [UFQFPN48] | (1462) |
| STMicroelectronics | STM8L152C6U | [VFQFPN48] | (1462) |
| STMicroelectronics | STM8L152C8T | (ISP)      | (1210) |
| STMicroelectronics | STM8L152C8T | [LQFP48]   | (1441) |
| STMicroelectronics | STM8L152C8U | (ISP)      | (1210) |
| STMicroelectronics | STM8L152C8U | [UFQFPN48] | (1462) |
| STMicroelectronics | STM8L152K4T | (ISP)      | (1210) |
| STMicroelectronics | STM8L152K4T | [LQFP32]   | (1281) |
| STMicroelectronics | STM8L152K4U | (ISP)      | (1210) |
| STMicroelectronics | STM8L152K4U | [UFQFPN32] | (1291) |
| STMicroelectronics | STM8L152K4U | [WFQFPN32] | (1291) |
| STMicroelectronics | STM8L152K6T | (ISP)      | (1210) |
| STMicroelectronics | STM8L152K6T | [LQFP32]   | (1281) |
| STMicroelectronics | STM8L152K6U | (ISP)      | (1210) |
| STMicroelectronics | STM8L152K6U | [UFQFPN32] | (1291) |
| STMicroelectronics | STM8L152K6U | [WFQFPN32] | (1291) |
| STMicroelectronics | STM8L152M8T | (ISP)      | (1210) |
| STMicroelectronics | STM8L152M8T | [LQFP80]   | (2137) |
| STMicroelectronics | STM8L152R6T | (ISP)      | (1210) |
| STMicroelectronics | STM8L152R6T | [LQFP64]   | (2138) |
| STMicroelectronics | STM8L152R8T | (ISP)      | (1210) |
| STMicroelectronics | STM8L152R8T | [LQFP64]   | (2138) |
| STMicroelectronics | STM8L162M8T | [LQFP80]   | (2137) |
| STMicroelectronics | STM8S001J3M | [SO8N]     | (5056) |
| STMicroelectronics | STM8S003F3P | (ISP)      | (1210) |
| STMicroelectronics | STM8S003F3P | [TSSOP20]  | (1243) |
| STMicroelectronics | STM8S003F3U | (ISP)      | (1210) |
| STMicroelectronics | STM8S003F3U | [UFQFPN20] | (1288) |
| STMicroelectronics | STM8S003K3T | (ISP)      | (1210) |
| STMicroelectronics | STM8S003K3T | [LQFP32]   | (1169) |
| STMicroelectronics | STM8S005C6T | (ISP)      | (1210) |
| STMicroelectronics | STM8S005C6T | [LQFP48]   | (1168) |
| STMicroelectronics | STM8S005K6T | (ISP)      | (1210) |
| STMicroelectronics | STM8S005K6T | [LQFP32]   | (1169) |
| STMicroelectronics | STM8S007C8T | (ISP)      | (1210) |
| STMicroelectronics | STM8S007C8T | [LQFP48]   | (1168) |
| STMicroelectronics | STM8S103F2M | (ISP)      | (1210) |
| STMicroelectronics | STM8S103F2M | [SO20]     | (1533) |
| STMicroelectronics | STM8S103F2P | (ISP)      | (1210) |
| STMicroelectronics | STM8S103F2P | [TSSOP20]  | (1243) |
| STMicroelectronics | STM8S103F2U | (ISP)      | (1210) |
| STMicroelectronics | STM8S103F2U | [UQFN20]   | (1288) |
| STMicroelectronics | STM8S103F3M | (ISP)      | (1210) |
| STMicroelectronics | STM8S103F3M | [SO20]     | (1533) |
| STMicroelectronics | STM8S103F3P | (ISP)      | (1210) |
| STMicroelectronics | STM8S103F3P | [TSSOP20]  | (1243) |
| STMicroelectronics | STM8S103F3U | (ISP)      | (1210) |
| STMicroelectronics | STM8S103F3U | [UQFN20]   | (1288) |
| STMicroelectronics | STM8S103K3T | (ISP)      | (1210) |
| STMicroelectronics | STM8S103K3T | [LQFP32]   | (1169) |
| STMicroelectronics | STM8S103K3U | (ISP)      | (1210) |

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| STMicroelectronics | STM8S103K3U   | [UFQFPN32]       | (1290) |
| STMicroelectronics | STM8S103K3U   | [VFQFPN32]       | (1290) |
| STMicroelectronics | STM8S105C4T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S105C4T   | [LQFP48]         | (1168) |
| STMicroelectronics | STM8S105C6T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S105C6T   | [LQFP48]         | (1168) |
| STMicroelectronics | STM8S105K4B   | (ISP)            | (1210) |
| STMicroelectronics | STM8S105K4B   | [SDIP32]         | (1320) |
| STMicroelectronics | STM8S105K4T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S105K4T   | [LQFP32]         | (1169) |
| STMicroelectronics | STM8S105K4U   | (ISP)            | (1210) |
| STMicroelectronics | STM8S105K4U   | [UFQFPN32]       | (1290) |
| STMicroelectronics | STM8S105K4U   | [VFQFPN32]       | (1290) |
| STMicroelectronics | STM8S105K6B   | (ISP)            | (1210) |
| STMicroelectronics | STM8S105K6B   | [SDIP32]         | (1320) |
| STMicroelectronics | STM8S105K6T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S105K6T   | [LQFP32]         | (1169) |
| STMicroelectronics | STM8S105K6U   | (ISP)            | (1210) |
| STMicroelectronics | STM8S105K6U   | [UFQFPN32]       | (1290) |
| STMicroelectronics | STM8S105K6U   | [VFQFPN32]       | (1290) |
| STMicroelectronics | STM8S105S4T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S105S4T   | [LQFP44]         | (1242) |
| STMicroelectronics | STM8S105S6T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S105S6T   | [LQFP44]         | (1242) |
| STMicroelectronics | STM8S207C6T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207C6T   | [LQFP48]         | (1168) |
| STMicroelectronics | STM8S207C8T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207C8T   | [LQFP48]         | (1168) |
| STMicroelectronics | STM8S207CBT   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207CBT   | [LQFP48]         | (1168) |
| STMicroelectronics | STM8S207K4T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207K4T   | [LQFP32]         | (1169) |
| STMicroelectronics | STM8S207K6T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207K6T   | [LQFP32]         | (1169) |
| STMicroelectronics | STM8S207K8T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207K8T   | [LQFP32]         | (1169) |
| STMicroelectronics | STM8S207M8T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207M8T   | [LQFP80]         | (1150) |
| STMicroelectronics | STM8S207MBT   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207MBT   | [LQFP80]         | (1150) |
| STMicroelectronics | STM8S207R6T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207R6T   | [LQFP64]         | (1167) |
| STMicroelectronics | STM8S207R6TxC | [LQFP64]         | (1522) |
| STMicroelectronics | STM8S207R8T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207R8T   | [LQFP64]         | (1167) |
| STMicroelectronics | STM8S207R8TxC | [LQFP64]         | (1522) |
| STMicroelectronics | STM8S207RBT   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207RBT   | [LQFP64]         | (1167) |
| STMicroelectronics | STM8S207RBTxC | [LQFP64]         | (1522) |
| STMicroelectronics | STM8S207S6T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207S6T   | [LQFP44]         | (1242) |
| STMicroelectronics | STM8S207S8T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207S8T   | [LQFP44]         | (1242) |
| STMicroelectronics | STM8S207SBT   | (ISP)            | (1210) |
| STMicroelectronics | STM8S207SBT   | [LQFP44]         | (1242) |
| STMicroelectronics | STM8S208C6T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S208C6T   | [LQFP48]         | (1168) |
| STMicroelectronics | STM8S208C8T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S208C8T   | [LQFP48]         | (1168) |
| STMicroelectronics | STM8S208CBT   | (ISP)            | (1210) |
| STMicroelectronics | STM8S208CBT   | [LQFP48]         | (1168) |
| STMicroelectronics | STM8S208M8T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S208M8T   | [LQFP80]         | (1150) |
| STMicroelectronics | STM8S208MBT   | (ISP)            | (1210) |
| STMicroelectronics | STM8S208MBT   | [LQFP80]         | (1150) |
| STMicroelectronics | STM8S208R6T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S208R6T   | [LQFP64]         | (1167) |
| STMicroelectronics | STM8S208R6TxC | [LQFP64]         | (1522) |
| STMicroelectronics | STM8S208R8T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S208R8T   | [LQFP64]         | (1167) |
| STMicroelectronics | STM8S208R8TxC | [LQFP64]         | (1522) |
| STMicroelectronics | STM8S208RBT   | (ISP)            | (1210) |
| STMicroelectronics | STM8S208RBT   | [LQFP64]         | (1167) |
| STMicroelectronics | STM8S208RBTxC | [LQFP64]         | (1522) |
| STMicroelectronics | STM8S208S6T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S208S6T   | [LQFP44]         | (1242) |
| STMicroelectronics | STM8S208S8T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S208S8T   | [LQFP44]         | (1242) |
| STMicroelectronics | STM8S208SBT   | (ISP)            | (1210) |
| STMicroelectronics | STM8S208SBT   | [LQFP44]         | (1242) |
| STMicroelectronics | STM8S903F3M   | (ISP)            | (1210) |
| STMicroelectronics | STM8S903F3M   | [SO20]           | (1533) |
| STMicroelectronics | STM8S903F3P   | (ISP)            | (1210) |
| STMicroelectronics | STM8S903F3P   | [TSSOP20]        | (1243) |
| STMicroelectronics | STM8S903F3U   | (ISP)            | (1210) |
| STMicroelectronics | STM8S903F3U   | [UFQFN20]        | (1288) |
| STMicroelectronics | STM8S903K3B   | (ISP)            | (1210) |
| STMicroelectronics | STM8S903K3B   | [SDIP32]         | (1320) |
| STMicroelectronics | STM8S903K3T   | (ISP)            | (1210) |
| STMicroelectronics | STM8S903K3T   | [LQFP32]         | (1169) |
| STMicroelectronics | STM8S903K3U   | (ISP)            | (1210) |
| STMicroelectronics | STM8S903K3U   | [UFQFPN32]       | (1290) |
| STMicroelectronics | STM8S903K3U   | [VFQFN32]        | (1290) |
| STMicroelectronics | STM8T141      | [SO8]            | (2346) |
| STMicroelectronics | STM8T141      | [UFDFPN8]        | (2348) |
| STMicroelectronics | STM8T142      | [SO8]            | (2347) |
| STMicroelectronics | STM8T142      | [UFDFPN8]        | (2349) |
| STMicroelectronics | STM8T143      | [SO8]            | (2347) |
| STMicroelectronics | STM8T143      | [UFDFPN8]        | (2349) |
| STMicroelectronics | STM8TL52F4P   | (ISP)            | (1210) |
| STMicroelectronics | STM8TL52F4P   | [TSSOP20]        | (3000) |
| STMicroelectronics | STM8TL52G4U   | (ISP)            | (1210) |
| STMicroelectronics | STM8TL52G4U   | [UFQFPN28]       | (2765) |
| STMicroelectronics | STM8TL53C4U   | (ISP)            | (1210) |
| STMicroelectronics | STM8TL53C4U   | [UFQFPN48]       | (2746) |
| STMicroelectronics | STM8TL53F4P   | (ISP)            | (1210) |
| STMicroelectronics | STM8TL53F4P   | [TSSOP20]        | (3000) |
| STMicroelectronics | STM8TL53G4U   | (ISP)            | (1210) |
| STMicroelectronics | STM8TL53G4U   | [UFQFPN28]       | (2765) |
| STMicroelectronics | STR710FZ1     | (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR710FZ1     | (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR710FZ1     | [LFBGA144]       | (878)  |
| STMicroelectronics | STR710FZ1     | [LQFP144]        | (770)  |
| STMicroelectronics | STR710FZ2     | (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR710FZ2     | (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR710FZ2     | [LFBGA144]       | (878)  |
| STMicroelectronics | STR710FZ2     | [LQFP144]        | (770)  |
| STMicroelectronics | STR711FR0     | (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR711FR0     | (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR711FR0     | [LFBGA64]        | (794)  |
| STMicroelectronics | STR711FR0     | [LQFP64]         | (771)  |
| STMicroelectronics | STR711FR1     | (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR711FR1     | (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR711FR1     | [LFBGA64]        | (794)  |
| STMicroelectronics | STR711FR1     | [LQFP64]         | (771)  |
| STMicroelectronics | STR711FR2     | (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR711FR2     | (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR711FR2     | [LFBGA64]        | (794)  |

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|                    |                              |        |
|--------------------|------------------------------|--------|
| STMicroelectronics | STR910FW32 [LQFP128]         | (882)  |
| STMicroelectronics | STR911FAM42 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR911FAM42 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR911FAM42 [LQFP80]         | (881)  |
| STMicroelectronics | STR911FAM44 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR911FAM44 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR911FAM44 [LQFP80]         | (881)  |
| STMicroelectronics | STR911FAM46 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR911FAM46 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR911FAM46 [LQFP80]         | (881)  |
| STMicroelectronics | STR911FAM47 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR911FAM47 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR911FAM47 [LQFP80]         | (881)  |
| STMicroelectronics | STR911FAW42 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR911FAW42 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR911FAW42 [LQFP128]        | (882)  |
| STMicroelectronics | STR911FAW44 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR911FAW44 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR911FAW44 [LQFP128]        | (882)  |
| STMicroelectronics | STR911FAW46 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR911FAW46 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR911FAW46 [LQFP128]        | (882)  |
| STMicroelectronics | STR911FAW47 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR911FAW47 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR911FAW47 [LQFP128]        | (882)  |
| STMicroelectronics | STR911FM42 (ISP-JTAG CHAIN)  | (138)  |
| STMicroelectronics | STR911FM42 (ISP-JTAG)        | (138)  |
| STMicroelectronics | STR911FM42 [LQFP80]          | (881)  |
| STMicroelectronics | STR911FM44 (ISP-JTAG CHAIN)  | (138)  |
| STMicroelectronics | STR911FM44 (ISP-JTAG)        | (138)  |
| STMicroelectronics | STR911FM44 [LQFP80]          | (881)  |
| STMicroelectronics | STR912FAW32 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR912FAW32 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR912FAW32 [LQFP128]        | (882)  |
| STMicroelectronics | STR912FAW34 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR912FAW34 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR912FAW34 [LQFP128]        | (882)  |
| STMicroelectronics | STR912FAW42 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR912FAW42 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR912FAW42 [LQFP128]        | (882)  |
| STMicroelectronics | STR912FAW44 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR912FAW44 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR912FAW44 [LQFP128]        | (882)  |
| STMicroelectronics | STR912FAW46 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR912FAW46 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR912FAW46 [LQFP128]        | (882)  |
| STMicroelectronics | STR912FAW47 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR912FAW47 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR912FAW47 [LQFP128]        | (882)  |
| STMicroelectronics | STR912FAZ42 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR912FAZ42 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR912FAZ42 [LFBGA144]       | (1075) |
| STMicroelectronics | STR912FAZ44 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR912FAZ44 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR912FAZ44 [LFBGA144]       | (1075) |
| STMicroelectronics | STR912FAZ46 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR912FAZ46 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR912FAZ46 [LFBGA144]       | (1075) |
| STMicroelectronics | STR912FAZ47 (ISP-JTAG CHAIN) | (138)  |
| STMicroelectronics | STR912FAZ47 (ISP-JTAG)       | (138)  |
| STMicroelectronics | STR912FAZ47 [LFBGA144]       | (1075) |
| STMicroelectronics | STR912Fw42 (ISP-JTAG CHAIN)  | (138)  |
| STMicroelectronics | STR912Fw42 (ISP-JTAG)        | (138)  |
| STMicroelectronics | STR912Fw42 [LQFP128]         | (882)  |
| STMicroelectronics | STR912Fw44 (ISP-JTAG CHAIN)  | (138)  |
| STMicroelectronics | STR912Fw44 (ISP-JTAG)        | (138)  |
| STMicroelectronics | STR912Fw44 [LQFP128]         | (882)  |
| STMicroelectronics | STTS2002 (ISP)               | (138)  |
| STMicroelectronics | STTS2002 [TDFN8]             | (2995) |
| STMicroelectronics | STTS2004 (ISP)               | (138)  |
| STMicroelectronics | STTS2004 [TDFN8]             | (2995) |
| STMicroelectronics | STTS424E02 (ISP)             | (138)  |
| STMicroelectronics | STTS424E02 [DFN8]            | (2995) |
| STMicroelectronics | STTS424E02 [TDFN8]           | (2995) |
| STMicroelectronics | STTS424E02 [TSSOP8]          | (121)  |
| STMicroelectronics | TS2732                       |        |
| STMicroelectronics | TS2764                       |        |
| STMicroelectronics | TS27C256                     |        |
| STMicroelectronics | TS27C32                      |        |
| STMicroelectronics | TS27C64                      |        |
| STMicroelectronics | TS27C64A                     |        |
| STMicroelectronics | TS27C64A [PLCC32]            | (59)   |
| STMicroelectronics | TS5911                       |        |
| STMicroelectronics | TS93C46 (x16)                |        |
| STMicroelectronics | TS93C46 (x16) (ISP)          | (138)  |
| STMicroelectronics | TS93C46 (x8)                 |        |
| STMicroelectronics | TS93C46 (x8) (ISP)           | (138)  |
| STMicroelectronics | uPSD3212A (ISP)              | (138)  |
| STMicroelectronics | uPSD3212A [TQFP52]           | (1008) |
| STMicroelectronics | uPSD3212A [TQFP80]           | (1009) |
| STMicroelectronics | uPSD3212C (ISP)              | (138)  |
| STMicroelectronics | uPSD3212C [TQFP52]           | (1008) |
| STMicroelectronics | uPSD3212C [TQFP80]           | (1009) |
| STMicroelectronics | uPSD3212CV (ISP)             | (138)  |
| STMicroelectronics | uPSD3212CV [TQFP52]          | (1008) |
| STMicroelectronics | uPSD3212CV [TQFP80]          | (1009) |
| STMicroelectronics | uPSD3233B (ISP)              | (138)  |
| STMicroelectronics | uPSD3233B [TQFP52]           | (1008) |
| STMicroelectronics | uPSD3233B [TQFP80]           | (1009) |
| STMicroelectronics | uPSD3233BV (ISP)             | (138)  |
| STMicroelectronics | uPSD3233BV [TQFP52]          | (1008) |
| STMicroelectronics | uPSD3233BV [TQFP80]          | (1009) |
| STMicroelectronics | uPSD3234A (ISP)              | (138)  |
| STMicroelectronics | uPSD3234A [TQFP52]           | (1008) |
| STMicroelectronics | uPSD3234A [TQFP80]           | (1009) |
| STMicroelectronics | uPSD3234BV (ISP)             | (138)  |
| STMicroelectronics | uPSD3234BV [TQFP80]          | (1009) |
| STMicroelectronics | uPSD3251F (ISP)              | (138)  |
| STMicroelectronics | uPSD3251F [TQFP52]           | (1008) |
| STMicroelectronics | uPSD3251F [TQFP80]           | (1009) |
| STMicroelectronics | uPSD3251FV (ISP)             | (138)  |
| STMicroelectronics | uPSD3251FV [TQFP52]          | (1008) |
| STMicroelectronics | uPSD3251FV [TQFP80]          | (1009) |
| STMicroelectronics | uPSD3253B (ISP)              | (138)  |
| STMicroelectronics | uPSD3253B [TQFP52]           | (1008) |
| STMicroelectronics | uPSD3253BV (ISP)             | (138)  |
| STMicroelectronics | uPSD3253BV [TQFP52]          | (1008) |
| STMicroelectronics | uPSD3254A (ISP)              | (138)  |
| STMicroelectronics | uPSD3254A [TQFP52]           | (1008) |
| STMicroelectronics | uPSD3254A [TQFP80]           | (1009) |
| STMicroelectronics | uPSD3254BV (ISP)             | (138)  |
| STMicroelectronics | uPSD3254BV [TQFP80]          | (1009) |
| STMicroelectronics | uPSD3312D (ISP)              | (138)  |
| STMicroelectronics | uPSD3312D [TQFP52]           | (1008) |
| STMicroelectronics | uPSD3312DV (ISP)             | (138)  |
| STMicroelectronics | uPSD3312DV [TQFP52]          | (1008) |
| STMicroelectronics | uPSD3333D (ISP)              | (138)  |
| STMicroelectronics | uPSD3333D [TQFP52]           | (1008) |

|                    |                      |        |
|--------------------|----------------------|--------|
| STMicroelectronics | uPSD3333D [TQFP80]   | (1009) |
| STMicroelectronics | uPSD3333DV (ISP)     | (138)  |
| STMicroelectronics | uPSD3333DV [TQFP52]  | (1008) |
| STMicroelectronics | uPSD3333DV [TQFP80]  | (1009) |
| STMicroelectronics | uPSD3334D (ISP)      | (138)  |
| STMicroelectronics | uPSD3334D [TQFP80]   | (1009) |
| STMicroelectronics | uPSD3334DV (ISP)     | (138)  |
| STMicroelectronics | uPSD3334DV [TQFP80]  | (1009) |
| STMicroelectronics | uPSD3354D (ISP)      | (138)  |
| STMicroelectronics | uPSD3354D [TQFP52]   | (1008) |
| STMicroelectronics | uPSD3354D [TQFP80]   | (1009) |
| STMicroelectronics | uPSD3354DV (ISP)     | (138)  |
| STMicroelectronics | uPSD3354DV [TQFP52]  | (1008) |
| STMicroelectronics | uPSD3354DV [TQFP80]  | (1009) |
| STMicroelectronics | uPSD3422E (ISP)      | (138)  |
| STMicroelectronics | uPSD3422E [TQFP52]   | (1008) |
| STMicroelectronics | uPSD3422E [TQFP80]   | (1009) |
| STMicroelectronics | uPSD3422EB (ISP)     | (138)  |
| STMicroelectronics | uPSD3422EB [TQFP52]  | (1008) |
| STMicroelectronics | uPSD3422EB [TQFP80]  | (1009) |
| STMicroelectronics | uPSD3422EV (ISP)     | (138)  |
| STMicroelectronics | uPSD3422EV [TQFP52]  | (1008) |
| STMicroelectronics | uPSD3422EV [TQFP80]  | (1009) |
| STMicroelectronics | uPSD3422EVB (ISP)    | (138)  |
| STMicroelectronics | uPSD3422EVB [TQFP52] | (1008) |
| STMicroelectronics | uPSD3422EVB [TQFP80] | (1009) |
| STMicroelectronics | uPSD3433E (ISP)      | (138)  |
| STMicroelectronics | uPSD3433E [TQFP52]   | (1008) |
| STMicroelectronics | uPSD3433E [TQFP80]   | (1009) |
| STMicroelectronics | uPSD3433EB (ISP)     | (138)  |
| STMicroelectronics | uPSD3433EB [TQFP52]  | (1008) |
| STMicroelectronics | uPSD3433EB [TQFP80]  | (1009) |
| STMicroelectronics | uPSD3433EV (ISP)     | (138)  |
| STMicroelectronics | uPSD3433EV [TQFP52]  | (1008) |
| STMicroelectronics | uPSD3433EV [TQFP80]  | (1009) |
| STMicroelectronics | uPSD3433EVB (ISP)    | (138)  |
| STMicroelectronics | uPSD3433EVB [TQFP52] | (1008) |
| STMicroelectronics | uPSD3433EVB [TQFP80] | (1009) |
| STMicroelectronics | uPSD3434E (ISP)      | (138)  |
| STMicroelectronics | uPSD3434E [TQFP52]   | (1008) |
| STMicroelectronics | uPSD3434E [TQFP80]   | (1009) |
| STMicroelectronics | uPSD3434EB (ISP)     | (138)  |
| STMicroelectronics | uPSD3434EB [TQFP52]  | (1008) |
| STMicroelectronics | uPSD3434EB [TQFP80]  | (1009) |
| STMicroelectronics | uPSD3434EV (ISP)     | (138)  |
| STMicroelectronics | uPSD3434EV [TQFP52]  | (1008) |
| STMicroelectronics | uPSD3434EV [TQFP80]  | (1009) |
| STMicroelectronics | uPSD3434EVB (ISP)    | (138)  |
| STMicroelectronics | uPSD3434EVB [TQFP52] | (1008) |
| STMicroelectronics | uPSD3434EVB [TQFP80] | (1009) |
| STMicroelectronics | uPSD3454E (ISP)      | (138)  |
| STMicroelectronics | uPSD3454E [TQFP52]   | (1008) |
| STMicroelectronics | uPSD3454E [TQFP80]   | (1009) |
| STMicroelectronics | uPSD3454EB (ISP)     | (138)  |
| STMicroelectronics | uPSD3454EB [TQFP52]  | (1008) |
| STMicroelectronics | uPSD3454EB [TQFP80]  | (1009) |
| STMicroelectronics | uPSD3454EV (ISP)     | (138)  |
| STMicroelectronics | uPSD3454EV [TQFP52]  | (1008) |
| STMicroelectronics | uPSD3454EV [TQFP80]  | (1009) |
| STMicroelectronics | uPSD3454EVB (ISP)    | (138)  |
| STMicroelectronics | uPSD3454EVB [TQFP52] | (1008) |
| STMicroelectronics | uPSD3454EVB [TQFP80] | (1009) |
| Summit             | S24022               |        |
| Summit             | S24022 (ISP)         | (138)  |
| Summit             | S24022 [SOIC8]       | (950)  |
| Summit             | S24023               |        |
| Summit             | S24023 (ISP)         | (138)  |
| Summit             | S24023 [SOIC8]       | (950)  |
| Summit             | S24042               |        |
| Summit             | S24042 (ISP)         | (138)  |
| Summit             | S24042 [SOIC8]       | (950)  |
| Summit             | S24043               |        |
| Summit             | S24043 (ISP)         | (138)  |
| Summit             | S24043 [SOIC8]       | (950)  |
| Summit             | S24162               |        |
| Summit             | S24162 (ISP)         | (138)  |
| Summit             | S24162 [SOIC8]       | (950)  |
| Summit             | S24163               |        |
| Summit             | S24163 (ISP)         | (138)  |
| Summit             | S24163 [SOIC8]       | (950)  |
| Summit             | S24VP02              |        |
| Summit             | S24VP02 (ISP)        | (138)  |
| Summit             | S24VP02 [SOIC8]      | (950)  |
| Summit             | S24VP04              |        |
| Summit             | S24VP04 (ISP)        | (138)  |
| Summit             | S24VP04 [SOIC8]      | (950)  |
| Summit             | S24VP16              |        |
| Summit             | S24VP16 (ISP)        | (138)  |
| Summit             | S24VP16 [SOIC8]      | (950)  |
| Summit             | S4242                |        |
| Summit             | S4242 (ISP)          | (138)  |
| Summit             | S4242 [SOIC8]        | (950)  |
| Summit             | S4261                |        |
| Summit             | S4261 (ISP)          | (138)  |
| Summit             | S4261 [SOIC8]        | (950)  |
| Summit             | S42WD42              |        |
| Summit             | S42WD42 (ISP)        | (138)  |
| Summit             | S42WD42 [SOIC8]      | (950)  |
| Summit             | S42WD61              |        |
| Summit             | S42WD61 (ISP)        | (138)  |
| Summit             | S42WD61 [SOIC8]      | (950)  |
| Summit             | S93462 [SOIC8]       | (950)  |
| Summit             | S93463 [SOIC8]       | (950)  |
| Summit             | S93662 [SOIC8]       | (950)  |
| Summit             | S93663 [SOIC8]       | (950)  |
| Summit             | S93VP462             |        |
| Summit             | S93VP462 (ISP)       | (138)  |
| Summit             | S93VP462 [SOIC8]     | (950)  |
| Summit             | S93VP463             |        |
| Summit             | S93VP463 (ISP)       | (138)  |
| Summit             | S93VP463 [SOIC8]     | (950)  |
| Summit             | S93VP662             |        |
| Summit             | S93VP662 (ISP)       | (138)  |
| Summit             | S93VP662 [SOIC8]     | (950)  |
| Summit             | S93VP663             |        |
| Summit             | S93VP663 (ISP)       | (138)  |
| Summit             | S93VP663 [SOIC8]     | (950)  |
| Summit             | S93WD462             |        |
| Summit             | S93WD462 (ISP)       | (138)  |
| Summit             | S93WD462 [SOIC8]     | (950)  |
| Summit             | S93WD463             |        |
| Summit             | S93WD463 (ISP)       | (138)  |
| Summit             | S93WD463 [SOIC8]     | (950)  |
| Summit             | S93WD662             |        |
| Summit             | S93WD662 (ISP)       | (138)  |
| Summit             | S93WD662 [SOIC8]     | (950)  |
| Summit             | S93WD663             |        |
| Summit             | S93WD663 (ISP)       | (138)  |



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|-----------|------------------------------------|--------------|
| Summit    | S93WD663 [SOIC8]                   | (950)        |
| Summit    | SMM665B [TQFP48]                   | (174)        |
| Summit    | SMS1242 (ISP)                      | (138)        |
| Summit    | SMS1242 [SOIC8]                    | (950)        |
| Summit    | SMS1243 (ISP)                      | (138)        |
| Summit    | SMS1243 [SOIC8]                    | (950)        |
| Summit    | SMS2902                            |              |
| Summit    | SMS2902 (ISP)                      | (138)        |
| Summit    | SMS2902 [SOIC8]                    | (950)        |
| Summit    | SMS2904                            |              |
| Summit    | SMS2904 (ISP)                      | (138)        |
| Summit    | SMS2904 [SOIC8]                    | (950)        |
| Summit    | SMS2916                            |              |
| Summit    | SMS2916 (ISP)                      | (138)        |
| Summit    | SMS2916 [SOIC8]                    | (950)        |
| Sunmoon   | SM24C02                            |              |
| Sunmoon   | SM24C02 (ISP)                      | (138)        |
| Sunmoon   | SM24C02 [SOP8]                     | (950)        |
| Sunmoon   | SM24C08                            |              |
| Sunmoon   | SM24C08 (ISP)                      | (138)        |
| Sunmoon   | SM24C08 [SOP8]                     | (950)        |
| Sunmoon   | SM24M64                            |              |
| Sunmoon   | SM24M64 (ISP)                      | (138)        |
| Sunmoon   | SM24M64 [SOP8]                     | (950)        |
| Sunplus   | SPCP825A [PDIP20]                  |              |
| Sunplus   | SPCP825A [PDIP24]                  |              |
| Sunplus   | SPCP825A [SOP20]                   | (119)        |
| Sunplus   | SPCP825A [SOP24]                   | (1062)       |
| Sunplus   | SPCP825A [SSOP20]                  | (91)         |
| Sunplus   | SPCP826A [PDIP24]                  |              |
| Sunplus   | SPCP826A [PDIP28]                  |              |
| Sunplus   | SPCP826A [SOP24]                   | (1062)       |
| Sunplus   | SPCP826A [SOP28]                   | (51)         |
| Sunplus   | SPCP826A [SSOP20]                  | (91)         |
| Sunplus   | SPCP826A [SSOP28]                  | (1103)       |
| Sunplus   | SPCP868A [PDIP16]                  |              |
| Sunplus   | SPCP868A [PDIP18]                  |              |
| Sunplus   | SPCP868A [PDIP20]                  |              |
| Sunplus   | SPCP868A [SOP16]                   | (44)         |
| Sunplus   | SPCP868A [SOP18]                   | (1061)       |
| Sunplus   | SPCP868A [SOP20]                   | (119)        |
| Sunplus   | SPCP868A [SOP24]                   | (1062)       |
| Sunplus   | SPCP868A [SSOP16]                  | (2341)       |
| Sunplus   | SPCP868A [SSOP20]                  | (91)         |
| SunplusIT | SPCP825A [PDIP20]                  |              |
| SunplusIT | SPCP825A [PDIP24]                  |              |
| SunplusIT | SPCP825A [SOP20]                   | (119)        |
| SunplusIT | SPCP825A [SOP24]                   | (1062)       |
| SunplusIT | SPCP825A [SSOP20]                  | (91)         |
| SunplusIT | SPCP826A [PDIP24]                  |              |
| SunplusIT | SPCP826A [PDIP28]                  |              |
| SunplusIT | SPCP826A [SOP24]                   | (1062)       |
| SunplusIT | SPCP826A [SOP28]                   | (51)         |
| SunplusIT | SPCP826A [SSOP20]                  | (91)         |
| SunplusIT | SPCP826A [SSOP28]                  | (1103)       |
| SunplusIT | SPCP866E2A [DIP20]                 |              |
| SunplusIT | SPCP866E2A [QFN20]                 | (1398)       |
| SunplusIT | SPCP866E2A [SOP20]                 | (119)        |
| SunplusIT | SPCP866E2A [SOP24]                 | (1062)       |
| SunplusIT | SPCP866E2A [SSOP28]                | (1103)       |
| SunplusIT | SPCP868A [PDIP16]                  |              |
| SunplusIT | SPCP868A [PDIP18]                  |              |
| SunplusIT | SPCP868A [PDIP20]                  |              |
| SunplusIT | SPCP868A [SOP16]                   | (44)         |
| SunplusIT | SPCP868A [SOP18]                   | (1061)       |
| SunplusIT | SPCP868A [SOP20]                   | (119)        |
| SunplusIT | SPCP868A [SOP24]                   | (1062)       |
| SunplusIT | SPCP868A [SSOP16]                  | (2341)       |
| SunplusIT | SPCP868A [SSOP20]                  | (91)         |
| Swissbit  | SFEM008GB1EA1TOIGE111-STD [BGA153] | (3148) (*1)  |
| Swissbit  | SFEM016GB1EA1TOIGE111-STD [BGA153] | (3148) (*1)  |
| Swissbit  | SFEM032GB1EA1TOILF111-STD [BGA153] | (3148) (*1)  |
| Swissbit  | SFEM064GB1EA1TOIHG111-STD [BGA153] | (3148) (*1)  |
| Symbios   | NCR59306                           |              |
| Symbios   | NCR59306 (ISP)                     | (138)        |
| Symbios   | NCR59306A                          |              |
| Symbios   | NCR59306A (ISP)                    | (138)        |
| Symbios   | NCR59308                           |              |
| Symbios   | NCR59308 (ISP)                     | (138)        |
| Synaptics | S7883 [LQFP176]                    | (5002)       |
| SyncMOS   | F29C31400T [TSOP48]                | (1346)       |
| SyncMOS   | F29C51001B                         |              |
| SyncMOS   | F29C51001B [PLCC32]                | (1399)       |
| SyncMOS   | F29C51001B [TSOP32]                | (1414)       |
| SyncMOS   | F29C51001T                         |              |
| SyncMOS   | F29C51001T [PLCC32]                | (1399)       |
| SyncMOS   | F29C51001T [TSOP32]                | (1414)       |
| SyncMOS   | F29C51002B                         |              |
| SyncMOS   | F29C51002B [PLCC32]                | (1399)       |
| SyncMOS   | F29C51002B [TSOP32]                | (1414)       |
| SyncMOS   | F29C51002T                         |              |
| SyncMOS   | F29C51002T [PLCC32]                | (1399)       |
| SyncMOS   | F29C51002T [TSOP32]                | (1414)       |
| SyncMOS   | F29C51004B                         |              |
| SyncMOS   | F29C51004B [PLCC32]                | (1384)       |
| SyncMOS   | F29C51004B [TSOP32]                | (1381)       |
| SyncMOS   | F29C51004T                         |              |
| SyncMOS   | F29C51004T [PLCC32]                | (1384)       |
| SyncMOS   | F29C51004T [TSOP32]                | (1381)       |
| SyncMOS   | F29C61400T [TSOP48]                | (1346)       |
| SyncMOS   | OB37R04A1Wxxxx [MSOP10]            | (984)        |
| SyncMOS   | OB37R04A1Wxxxx [PDIP14]            |              |
| SyncMOS   | OB37R04A1Wxxxx [PDIP16]            |              |
| SyncMOS   | OB37R04A1Wxxxx [SOP14]             | (951)        |
| SyncMOS   | OB37R04A1Wxxxx [SOP16]             | (44)         |
| SyncMOS   | OB37R04G1Wxxxx [MSOP10]            | (984) (9999) |
| SyncMOS   | OB37R04G1Wxxxx [PDIP14]            | (9999)       |
| SyncMOS   | OB37R04G1Wxxxx [PDIP16]            | (9999)       |
| SyncMOS   | OB37R04G1Wxxxx [SOP14]             | (951) (9999) |
| SyncMOS   | OB37R04G1Wxxxx [SOP16]             | (44) (9999)  |
| SyncMOS   | OB37R259AWxxxx [PDIP14]            |              |
| SyncMOS   | OB37R259AWxxxx [PDIP16]            |              |
| SyncMOS   | OB37R259AWxxxx [SOP14]             | (951)        |
| SyncMOS   | OB37R259AWxxxx [SOP16]             | (44)         |
| SyncMOS   | OB39A08T1Wxxxx [LQFP32]            | (159)        |
| SyncMOS   | OB39A08T1Wxxxx [SOP16]             | (44)         |
| SyncMOS   | OB39A08T1Wxxxx [SOP20]             | (119)        |
| SyncMOS   | OB39A08T1Wxxxx [SOP24]             | (1062)       |
| SyncMOS   | OB39A08T1Wxxxx [SOP28]             | (51)         |
| SyncMOS   | OB39A08T2Wxxxx [SOP24]             | (1062)       |
| SyncMOS   | OB39A08T2Wxxxx [SOP28]             | (51)         |
| SyncMOS   | OB39A16D1Wxxxx [LQFP48]            | (174)        |
| SyncMOS   | OB39A16D2Wxxxx [LQFP48]            | (174)        |
| SyncMOS   | OB39A16T1Wxxxx [LQFP32]            | (159)        |
| SyncMOS   | OB39A16T1Wxxxx [SOP16]             | (44)         |
| SyncMOS   | OB39A16T1Wxxxx [SOP20]             | (119)        |
| SyncMOS   | OB39A16T1Wxxxx [SOP24]             | (1062)       |
| SyncMOS   | OB39A16T1Wxxxx [SOP28]             | (51)         |

|         |                |           |        |
|---------|----------------|-----------|--------|
| SyncMOS | OB39R08A3Uxxxx | [PDIP20]  |        |
| SyncMOS | OB39R08A3Uxxxx | [SOP14]   | (951)  |
| SyncMOS | OB39R08A3Uxxxx | [SOP16]   | (44)   |
| SyncMOS | OB39R08A3Uxxxx | [SOP20]   | (119)  |
| SyncMOS | OB39R08A3Uxxxx | [SSOP20]  | (2353) |
| SyncMOS | S29C31004T     |           |        |
| SyncMOS | S29C31004T     | [PLCC32]  | (1384) |
| SyncMOS | S29C31004T     | [TSOP32]  | (1381) |
| SyncMOS | S29C51001B     |           |        |
| SyncMOS | S29C51001B     | [PLCC32]  | (1399) |
| SyncMOS | S29C51001B     | [TSOP32]  | (1414) |
| SyncMOS | S29C51001T     |           |        |
| SyncMOS | S29C51001T     | [PLCC32]  | (1399) |
| SyncMOS | S29C51001T     | [TSOP32]  | (1414) |
| SyncMOS | S29C51002B     |           |        |
| SyncMOS | S29C51002B     | [PLCC32]  | (1399) |
| SyncMOS | S29C51002B     | [TSOP32]  | (1414) |
| SyncMOS | S29C51002T     |           |        |
| SyncMOS | S29C51002T     | [PLCC32]  | (1399) |
| SyncMOS | S29C51002T     | [TSOP32]  | (1414) |
| SyncMOS | S29C51004B     |           |        |
| SyncMOS | S29C51004B     | [PLCC32]  | (1384) |
| SyncMOS | S29C51004B     | [TSOP32]  | (1381) |
| SyncMOS | S29C51004T     |           |        |
| SyncMOS | S29C51004T     | [PLCC32]  | (1384) |
| SyncMOS | S29C51004T     | [TSOP32]  | (1381) |
| SyncMOS | SM39A16M1Uxxxx | [LQFP32]  | (159)  |
| SyncMOS | SM39R02G1Wxxxx | [PDIP14]  |        |
| SyncMOS | SM39R02G1Wxxxx | [SOP14]   | (951)  |
| SyncMOS | SM39R04G1Wxxxx | [MSOP10]  | (984)  |
| SyncMOS | SM39R04G1Wxxxx | [PDIP14]  |        |
| SyncMOS | SM39R04G1Wxxxx | [SOP14]   | (951)  |
| SyncMOS | SM39R08A2Wxxxx | [PDIP20]  |        |
| SyncMOS | SM39R08A2Wxxxx | [SKDIP24] |        |
| SyncMOS | SM39R08A2Wxxxx | [SKDIP28] |        |
| SyncMOS | SM39R08A2Wxxxx | [SOP20]   | (119)  |
| SyncMOS | SM39R08A2Wxxxx | [SOP24]   | (1062) |
| SyncMOS | SM39R08A2Wxxxx | [SOP28]   | (51)   |
| SyncMOS | SM39R08A3Uxxxx | [PDIP20]  |        |
| SyncMOS | SM39R08A3Uxxxx | [SOP14]   | (951)  |
| SyncMOS | SM39R08A3Uxxxx | [SOP16]   | (44)   |
| SyncMOS | SM39R08A3Uxxxx | [SOP20]   | (119)  |
| SyncMOS | SM39R08A3Uxxxx | [SSOP20]  | (2353) |
| SyncMOS | SM39R08A5Uxxxx | [MSOP10]  | (984)  |
| SyncMOS | SM39R12A2Wxxxx | [PDIP20]  |        |
| SyncMOS | SM39R12A2Wxxxx | [SKDIP24] |        |
| SyncMOS | SM39R12A2Wxxxx | [SKDIP28] |        |
| SyncMOS | SM39R12A2Wxxxx | [SOP20]   | (119)  |
| SyncMOS | SM39R12A2Wxxxx | [SOP24]   | (1062) |
| SyncMOS | SM39R12A2Wxxxx | [SOP28]   | (51)   |
| SyncMOS | SM39R16A2Wxxxx | [PDIP20]  |        |
| SyncMOS | SM39R16A2Wxxxx | [SKDIP24] |        |
| SyncMOS | SM39R16A2Wxxxx | [SKDIP28] |        |
| SyncMOS | SM39R16A2Wxxxx | [SOP20]   | (119)  |
| SyncMOS | SM39R16A2Wxxxx | [SOP24]   | (1062) |
| SyncMOS | SM39R16A2Wxxxx | [SOP28]   | (51)   |
| SyncMOS | SM39R16A3Uxxxx | [PDIP20]  |        |
| SyncMOS | SM39R16A3Uxxxx | [SOP16]   | (44)   |
| SyncMOS | SM39R16A3Uxxxx | [SOP20]   | (119)  |
| SyncMOS | SM39R16A3Uxxxx | [SSOP20]  | (2353) |
| SyncMOS | SM39R16A6Uxxxx | [LQFP32]  | (159)  |
| SyncMOS | SM39R16A6Uxxxx | [SOP24]   | (1062) |
| SyncMOS | SM39R16A6Uxxxx | [SOP28]   | (51)   |
| SyncMOS | SM39R2051      |           |        |
| SyncMOS | SM39R2051      | [SOIC20]  | (119)  |
| SyncMOS | SM39R4051      |           |        |
| SyncMOS | SM39R4051      | [SOIC20]  | (119)  |
| SyncMOS | SM59128C       |           |        |
| SyncMOS | SM59128C       | [LQFP44]  | (108)  |
| SyncMOS | SM59128C       | [PLCC44]  | (67)   |
| SyncMOS | SM59128C       | [PQFP44]  | (108)  |
| SyncMOS | SM59264C       |           |        |
| SyncMOS | SM59264C       | [LQFP44]  | (108)  |
| SyncMOS | SM59264C       | [PLCC44]  | (67)   |
| SyncMOS | SM59264C       | [PQFP44]  | (108)  |
| SyncMOS | SM5952EWxxxx   |           |        |
| SyncMOS | SM5952EWxxxx   | [PLCC44]  | (67)   |
| SyncMOS | SM5952EWxxxx   | [PQFP44]  | (108)  |
| SyncMOS | SM5952Wxxxx    |           |        |
| SyncMOS | SM5952Wxxxx    | [PLCC44]  | (67)   |
| SyncMOS | SM5952Wxxxx    | [PQFP44]  | (108)  |
| SyncMOS | SM5953Wxxxx    |           |        |
| SyncMOS | SM5953Wxxxx    | [PLCC44]  | (67)   |
| SyncMOS | SM5953Wxxxx    | [PQFP44]  | (108)  |
| SyncMOS | SM5954Wxxxx    |           |        |
| SyncMOS | SM5954Wxxxx    | [PLCC44]  | (67)   |
| SyncMOS | SM5954Wxxxx    | [PQFP44]  | (108)  |
| SyncMOS | SM5958Wxxxx    |           |        |
| SyncMOS | SM5958Wxxxx    | [PLCC44]  | (67)   |
| SyncMOS | SM5958Wxxxx    | [PQFP44]  | (108)  |
| SyncMOS | SM5964AC       |           |        |
| SyncMOS | SM5964AC       | [LQFP44]  | (108)  |
| SyncMOS | SM5964AC       | [PLCC44]  | (67)   |
| SyncMOS | SM5964AC       | [PQFP44]  | (108)  |
| SyncMOS | SM5964AC       | [QFP44]   | (108)  |
| SyncMOS | SM5964AL       |           |        |
| SyncMOS | SM5964AL       | [LQFP44]  | (108)  |
| SyncMOS | SM5964AL       | [PLCC44]  | (67)   |
| SyncMOS | SM5964AL       | [PQFP44]  | (108)  |
| SyncMOS | SM5964AL       | [QFP44]   | (108)  |
| SyncMOS | SM5964BWxxxx   |           |        |
| SyncMOS | SM5964BWxxxx   | [PLCC44]  | (67)   |
| SyncMOS | SM5964BWxxxx   | [PQFP44]  | (108)  |
| SyncMOS | SM5964C        |           |        |
| SyncMOS | SM5964C        | [LQFP44]  | (108)  |
| SyncMOS | SM5964C        | [PLCC44]  | (67)   |
| SyncMOS | SM5964C        | [PQFP44]  | (108)  |
| SyncMOS | SM59A16U1xxx   | [LQFP48]  | (174)  |
| SyncMOS | SM59D03G2Cxxxx |           |        |
| SyncMOS | SM59D03G2Cxxxx | [PLCC44]  | (67)   |
| SyncMOS | SM59D03G2Cxxxx | [PQFP44]  | (108)  |
| SyncMOS | SM59D03G2Lxxxx |           |        |
| SyncMOS | SM59D03G2Lxxxx | [PLCC44]  | (67)   |
| SyncMOS | SM59D03G2Lxxxx | [PQFP44]  | (108)  |
| SyncMOS | SM59D04G2Cxxxx |           |        |
| SyncMOS | SM59D04G2Cxxxx | [PLCC44]  | (67)   |
| SyncMOS | SM59D04G2Cxxxx | [PQFP44]  | (108)  |
| SyncMOS | SM59D04G2Lxxxx |           |        |
| SyncMOS | SM59D04G2Lxxxx | [PLCC44]  | (67)   |
| SyncMOS | SM59D04G2Lxxxx | [PQFP44]  | (108)  |
| SyncMOS | SM59R02A1Cxxxx |           |        |
| SyncMOS | SM59R02A1Cxxxx | [LQFP44]  | (108)  |
| SyncMOS | SM59R02A1Cxxxx | [LQFP48]  | (174)  |
| SyncMOS | SM59R02A1Cxxxx | [PLCC44]  | (67)   |
| SyncMOS | SM59R02A1Cxxxx | [PQFP44]  | (108)  |
| SyncMOS | SM59R02A1Lxxxx |           |        |
| SyncMOS | SM59R02A1Lxxxx | [LQFP44]  | (108)  |
| SyncMOS | SM59R02A1Lxxxx | [LQFP48]  | (174)  |

|         |                   |          |        |
|---------|-------------------|----------|--------|
| SyncMOS | SM59R02A1Lxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R02A1Lxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R02G1Wxxxx    |          |        |
| SyncMOS | SM59R02G1Wxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R02G1Wxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R02G1Wxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R02G1Wxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R03A1Cxxxx    |          |        |
| SyncMOS | SM59R03A1Cxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R03A1Cxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R03A1Cxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R03A1Cxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R03A1Lxxxx    |          |        |
| SyncMOS | SM59R03A1Lxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R03A1Lxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R03A1Lxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R03A1Lxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R04A1Cxxxx    |          |        |
| SyncMOS | SM59R04A1Cxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R04A1Cxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R04A1Cxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R04A1Cxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R04A1Lxxxx    |          |        |
| SyncMOS | SM59R04A1Lxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R04A1Lxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R04A1Lxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R04A1Lxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R04A2Cxxxx    |          |        |
| SyncMOS | SM59R04A2Cxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R04A2Cxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R04A2Cxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R04A2Cxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R04A2Lxxxx    |          |        |
| SyncMOS | SM59R04A2Lxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R04A2Lxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R04A2Lxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R04A2Lxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R05A3Cxxxx    |          |        |
| SyncMOS | SM59R05A3Cxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R05A3Cxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R05A3Cxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R05A3Cxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R05A3Lxxxx    |          |        |
| SyncMOS | SM59R05A3Lxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R05A3Lxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R05A3Lxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R05A3Lxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R05A5Cxxxx    |          |        |
| SyncMOS | SM59R05A5Cxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R05A5Cxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R05A5Cxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R05A5Cxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R05A5Lxxxx    |          |        |
| SyncMOS | SM59R05A5Lxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R05A5Lxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R05A5Lxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R05A5Lxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R05G6Wxxxx    |          |        |
| SyncMOS | SM59R05G6Wxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R05G6Wxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R05G6Wxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R05G6Wxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R08A2Cxxxx    | [LQFP64] | (2756) |
| SyncMOS | SM59R08A2Cxxxx    | [TQFP64] | (2756) |
| SyncMOS | SM59R08A2Lxxxx    | [LQFP64] | (2756) |
| SyncMOS | SM59R08A2Lxxxx    | [TQFP64] | (2756) |
| SyncMOS | SM59R09A3Cxxxx    |          |        |
| SyncMOS | SM59R09A3Cxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R09A3Cxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R09A3Cxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R09A3Cxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R09A3Lxxxx    |          |        |
| SyncMOS | SM59R09A3Lxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R09A3Lxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R09A3Lxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R09A3Lxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R09A5Cxxxx    |          |        |
| SyncMOS | SM59R09A5Cxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R09A5Cxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R09A5Cxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R09A5Cxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R09A5Lxxxx    |          |        |
| SyncMOS | SM59R09A5Lxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R09A5Lxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R09A5Lxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R09A5Lxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R09G6Wxxxx    |          |        |
| SyncMOS | SM59R09G6Wxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R09G6Wxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R09G6Wxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R09G6Wxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R16A2Cxxxx    | [LQFP64] | (2756) |
| SyncMOS | SM59R16A2Cxxxx    | [TQFP64] | (2756) |
| SyncMOS | SM59R16A2Lxxxx    | [LQFP64] | (2756) |
| SyncMOS | SM59R16A2Lxxxx    | [TQFP64] | (2756) |
| SyncMOS | SM59R16A3Cxxxx    |          |        |
| SyncMOS | SM59R16A3Cxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R16A3Cxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R16A3Cxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R16A3Cxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R16A3Lxxxx    |          |        |
| SyncMOS | SM59R16A3Lxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R16A3Lxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R16A3Lxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R16A3Lxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R16A5Cxxxx    |          |        |
| SyncMOS | SM59R16A5Cxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R16A5Cxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R16A5Cxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R16A5Cxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R16A5Lxxxx    |          |        |
| SyncMOS | SM59R16A5Lxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R16A5Lxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R16A5Lxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R16A5Lxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM59R16G6Wxxxx    |          |        |
| SyncMOS | SM59R16G6Wxxxx    | [LQFP44] | (108)  |
| SyncMOS | SM59R16G6Wxxxx    | [LQFP48] | (174)  |
| SyncMOS | SM59R16G6Wxxxx    | [PLCC44] | (67)   |
| SyncMOS | SM59R16G6Wxxxx    | [PQFP44] | (108)  |
| SyncMOS | SM7301            |          |        |
| SyncMOS | SM7301 [PLCC44]   |          | (67)   |
| SyncMOS | SM7301 [PQFP44]   |          | (108)  |
| SyncMOS | SM79108C          |          |        |
| SyncMOS | SM79108C [LQFP44] |          | (108)  |
| SyncMOS | SM79108C [PLCC44] |          | (67)   |
| SyncMOS | SM79108C [PQFP44] |          | (108)  |
| SyncMOS | SM79108L          |          |        |

|          |                |          |       |
|----------|----------------|----------|-------|
| SyncMOS  | SM79108L       | [LQFP44] | (108) |
| SyncMOS  | SM79108L       | [PLCC44] | (67)  |
| SyncMOS  | SM79108L       | [PQFP44] | (108) |
| SyncMOS  | SM79164C       |          |       |
| SyncMOS  | SM79164C       | [LQFP44] | (108) |
| SyncMOS  | SM79164C       | [PLCC44] | (67)  |
| SyncMOS  | SM79164C       | [PQFP44] | (108) |
| SyncMOS  | SM79164L       |          |       |
| SyncMOS  | SM79164L       | [LQFP44] | (108) |
| SyncMOS  | SM79164L       | [PLCC44] | (67)  |
| SyncMOS  | SM79164L       | [PQFP44] | (108) |
| SyncMOS  | SM79164V       |          |       |
| SyncMOS  | SM79164V       | [PLCC44] | (67)  |
| SyncMOS  | SM79164V       | [PQFP44] | (108) |
| SyncMOS  | SM894051C      |          |       |
| SyncMOS  | SM894051C      | [SOIC20] | (119) |
| SyncMOS  | SM894051L      |          |       |
| SyncMOS  | SM894051L      | [SOIC20] | (119) |
| SyncMOS  | SM89516AC      |          |       |
| SyncMOS  | SM89516AC      | [LQFP44] | (108) |
| SyncMOS  | SM89516AC      | [PLCC44] | (67)  |
| SyncMOS  | SM89516AC      | [PQFP44] | (108) |
| SyncMOS  | SM89516AL      |          |       |
| SyncMOS  | SM89516AL      | [LQFP44] | (108) |
| SyncMOS  | SM89516AL      | [PLCC44] | (67)  |
| SyncMOS  | SM89516AL      | [PQFP44] | (108) |
| SyncMOS  | SM89516BWxxx   |          |       |
| SyncMOS  | SM89516BWxxx   | [PLCC44] | (67)  |
| SyncMOS  | SM89516BWxxx   | [PQFP44] | (108) |
| SyncMOS  | SM89516C       |          |       |
| SyncMOS  | SM89516C       | [LQFP44] | (108) |
| SyncMOS  | SM89516C       | [PLCC44] | (67)  |
| SyncMOS  | SM89516C       | [PQFP44] | (108) |
| SyncMOS  | SM89516L       |          |       |
| SyncMOS  | SM89516L       | [LQFP44] | (108) |
| SyncMOS  | SM89516L       | [PLCC44] | (67)  |
| SyncMOS  | SM89516L       | [PQFP44] | (108) |
| SyncMOS  | SM8951AC       |          |       |
| SyncMOS  | SM8951AC       | [LQFP44] | (108) |
| SyncMOS  | SM8951AC       | [PLCC44] | (67)  |
| SyncMOS  | SM8951AC       | [PQFP44] | (108) |
| SyncMOS  | SM8951AL       |          |       |
| SyncMOS  | SM8951AL       | [LQFP44] | (108) |
| SyncMOS  | SM8951AL       | [PLCC44] | (67)  |
| SyncMOS  | SM8951AL       | [PQFP44] | (108) |
| SyncMOS  | SM8951BC       |          |       |
| SyncMOS  | SM8951BC       | [LQFP44] | (108) |
| SyncMOS  | SM8951BC       | [PLCC44] | (67)  |
| SyncMOS  | SM8951BC       | [PQFP44] | (108) |
| SyncMOS  | SM8951BL       |          |       |
| SyncMOS  | SM8951BL       | [LQFP44] | (108) |
| SyncMOS  | SM8951BL       | [PLCC44] | (67)  |
| SyncMOS  | SM8951BL       | [PQFP44] | (108) |
| SyncMOS  | SM8952AC       |          |       |
| SyncMOS  | SM8952AC       | [LQFP44] | (108) |
| SyncMOS  | SM8952AC       | [PLCC44] | (67)  |
| SyncMOS  | SM8952AC       | [PQFP44] | (108) |
| SyncMOS  | SM8952AL       |          |       |
| SyncMOS  | SM8952AL       | [LQFP44] | (108) |
| SyncMOS  | SM8952AL       | [PLCC44] | (67)  |
| SyncMOS  | SM8952AL       | [PQFP44] | (108) |
| SyncMOS  | SM8952BWxxx    |          |       |
| SyncMOS  | SM8952BWxxx    | [PLCC44] | (67)  |
| SyncMOS  | SM8952BWxxx    | [PQFP44] | (108) |
| SyncMOS  | SM8952C        |          |       |
| SyncMOS  | SM8952C        | [PLCC44] | (67)  |
| SyncMOS  | SM8952C        | [PQFP44] | (108) |
| SyncMOS  | SM8952L        |          |       |
| SyncMOS  | SM8952L        | [PLCC44] | (67)  |
| SyncMOS  | SM8952L        | [PQFP44] | (108) |
| SyncMOS  | SM8954AC       |          |       |
| SyncMOS  | SM8954AC       | [LQFP44] | (108) |
| SyncMOS  | SM8954AC       | [PLCC44] | (67)  |
| SyncMOS  | SM8954AC       | [PQFP44] | (108) |
| SyncMOS  | SM8954AL       |          |       |
| SyncMOS  | SM8954AL       | [LQFP44] | (108) |
| SyncMOS  | SM8954AL       | [PLCC44] | (67)  |
| SyncMOS  | SM8954AL       | [PQFP44] | (108) |
| SyncMOS  | SM8954BWxxx    |          |       |
| SyncMOS  | SM8954BWxxx    | [PLCC44] | (67)  |
| SyncMOS  | SM8954BWxxx    | [PQFP44] | (108) |
| SyncMOS  | SM8954C        |          |       |
| SyncMOS  | SM8954C        | [PLCC44] | (67)  |
| SyncMOS  | SM8954C        | [PQFP44] | (108) |
| SyncMOS  | SM8954L        |          |       |
| SyncMOS  | SM8954L        | [PLCC44] | (67)  |
| SyncMOS  | SM8954L        | [PQFP44] | (108) |
| SyncMOS  | SM8958AC       |          |       |
| SyncMOS  | SM8958AC       | [LQFP44] | (108) |
| SyncMOS  | SM8958AC       | [PLCC44] | (67)  |
| SyncMOS  | SM8958AC       | [PQFP44] | (108) |
| SyncMOS  | SM8958AL       |          |       |
| SyncMOS  | SM8958AL       | [LQFP44] | (108) |
| SyncMOS  | SM8958AL       | [PLCC44] | (67)  |
| SyncMOS  | SM8958AL       | [PQFP44] | (108) |
| SyncMOS  | SM8958BWxxx    |          |       |
| SyncMOS  | SM8958BWxxx    | [PLCC44] | (67)  |
| SyncMOS  | SM8958BWxxx    | [PQFP44] | (108) |
| SyncMOS  | SM8958C        |          |       |
| SyncMOS  | SM8958C        | [PLCC44] | (67)  |
| SyncMOS  | SM8958C        | [PQFP44] | (108) |
| SyncMOS  | SM8958L        |          |       |
| SyncMOS  | SM8958L        | [PLCC44] | (67)  |
| SyncMOS  | SM8958L        | [PQFP44] | (108) |
| SyncMOS  | SM89S16R1C     |          |       |
| SyncMOS  | SM89S16R1C     | [LQFP44] | (108) |
| SyncMOS  | SM89S16R1C     | [PLCC44] | (67)  |
| SyncMOS  | SM89S16R1C     | [PQFP44] | (108) |
| SyncMOS  | SM89S16R1L     |          |       |
| SyncMOS  | SM89S16R1L     | [LQFP44] | (108) |
| SyncMOS  | SM89S16R1L     | [PLCC44] | (67)  |
| SyncMOS  | SM89S16R1L     | [PQFP44] | (108) |
| SyncMOS  | SM89T16R1C     |          |       |
| SyncMOS  | SM89T16R1C     | [PLCC44] | (67)  |
| SyncMOS  | SM89T16R1C     | [PQFP44] | (108) |
| SyncMOS  | SM89T16R1L     |          |       |
| SyncMOS  | SM89T16R1L     | [PLCC44] | (67)  |
| SyncMOS  | SM89T16R1L     | [PQFP44] | (108) |
| Synertek | SY2716         |          |       |
| Syntek   | STK6011BP1-3V  | [PLCC44] | (67)  |
| Syntek   | STK6011BP21-5V | [PLCC44] | (67)  |
| Syntek   | STK6011BP3-3V  | [SDIP42] | (164) |
| Syntek   | STK6011BP5-3V  | [PQFP44] | (108) |
| Syntek   | STK6011BP7-3V  |          |       |
| Syntek   | STK6011BP9-3V  | [LQFP48] | (174) |
| Syntek   | STK6012BP11-3V | [PLCC44] | (67)  |
| Syntek   | STK6012BP13-3V | [SDIP42] | (164) |
| Syntek   | STK6012BP1-3V  | [PLCC44] | (67)  |

|                  |                                   |              |
|------------------|-----------------------------------|--------------|
| Syntek           | STK6012BP15-3V [PQFP44]           | (108)        |
| Syntek           | STK6012BP17-3V                    |              |
| Syntek           | STK6012BP19-3V [LQFP48]           | (174)        |
| Syntek           | STK6012BP22-5V [PLCC44]           | (67)         |
| Syntek           | STK6012BP3-3V [SDIP42]            | (164)        |
| Syntek           | STK6012BP5-3V [PQFP44]            | (108)        |
| Syntek           | STK6012BP7-3V                     |              |
| Syntek           | STK6012BP9-3V [LQFP48]            | (174)        |
| Syntek           | STK6012P11-3V [PLCC44]            | (67)         |
| Syntek           | STK6012P12-5V [PLCC44]            | (67)         |
| Syntek           | STK6012P13-3V [SDIP42]            | (164)        |
| Syntek           | STK6012P14-5V [SDIP42]            | (164)        |
| Syntek           | STK6012P15-3V [PQFP44]            | (108)        |
| Syntek           | STK6012P16-5V [PQFP44]            | (108)        |
| Syntek           | STK6012P17-3V                     |              |
| Syntek           | STK6012P18-5V                     |              |
| Syntek           | STK6012P19-3V [LQFP48]            | (174)        |
| Syntek           | STK6012P20-5V [LQFP48]            | (174)        |
| Syntek           | STK6012P22-5V [PLCC44]            | (67)         |
| Syntek           | STK6021P1-3V                      |              |
| Syntek           | STK6021P2-3V [SDIP42]             | (164)        |
| Syntek           | STK6021P3-3V [PLCC44]             | (67)         |
| Syntek           | STK6021P4-3V [PQFP44]             | (108)        |
| Syntek           | STK6021P5-3V [LQFP48]             | (174)        |
| Syntek           | STK6031                           |              |
| Syntek           | STK6031 [LQFP48]                  | (174)        |
| Syntek           | STK6031 [PLCC44]                  | (67)         |
| Syntek           | STK6031 [QFP44]                   | (108)        |
| Syntek           | STK6032                           |              |
| Syntek           | STK6032 [LQFP48]                  | (174)        |
| Syntek           | STK6032 [PLCC44]                  | (67)         |
| Syntek           | STK6032 [QFP44]                   | (108)        |
| Syntek           | STK6033                           |              |
| Syntek           | STK6033 [LQFP48]                  | (174)        |
| Syntek           | STK6033 [PLCC44]                  | (67)         |
| Syntek           | STK6033 [QFP44]                   | (108)        |
| Syntek           | STK6033-3                         |              |
| Syntek           | STK6033-3 [LQFP48]                | (174)        |
| Syntek           | STK6033-3 [PLCC44]                | (67)         |
| Syntek           | STK6033-3 [QFP44]                 | (108)        |
| Syntek           | STK6033S                          |              |
| Syntek           | STK6033S [LQFP48]                 | (174)        |
| Syntek           | STK6033S [PLCC44]                 | (67)         |
| Syntek           | STK6033S [QFP44]                  | (108)        |
| Syntek           | STK6037 [DIP20]                   |              |
| Syntek           | STK6037 [DIP28]                   |              |
| Syntek           | STK6037 [SOP20]                   | (119)        |
| Syntek           | STK6037 [SOP28]                   | (51)         |
| Syntek           | STK6037 [SSOP28]                  | (1103)       |
| Syntek           | STK60516                          |              |
| Syntek           | STK60516 [LQFP48]                 | (174)        |
| Syntek           | STK60516 [PLCC44]                 | (67)         |
| Syntek           | STK60516 [QFP44]                  | (108)        |
| Syntek           | STK6052                           |              |
| Syntek           | STK6052 [LQFP48]                  | (174)        |
| Syntek           | STK6052 [PLCC44]                  | (67)         |
| Syntek           | STK6052 [QFP44]                   | (108)        |
| Tekmos           | TK68HC711D3 [PLCC44]              | (3359)       |
| Tekmos           | TK87C51RB2 (as P87C51FB)          | (9999)       |
| Tekmos           | TK87C51RB2 [LQFP44] (as P87C51FB) | (94) (9999)  |
| Tekmos           | TK87C51RB2 [PLCC44] (as P87C51FB) | (67) (9999)  |
| Tekmos           | TK87C751                          |              |
| Tekmos           | TK87C751 [PLCC28]                 | (48)         |
| Tekmos           | TK89C668 [PLCC44] (UART)          | (4873)       |
| Telink Semicond. | TL5R8267F512ET32 [QFN32]          | (4387)       |
| Telink Semicond. | TL5R8646F512 (ISP-Swired)         | (138) (9999) |
| Telink Semicond. | TL5R8646F512ET32 [QFN32]          | (4387)       |
| Tempic           | T87251G1A                         |              |
| Tempic           | T87251G1A [PLCC44]                | (67)         |
| Tempic           | T87C5101                          |              |
| Tempic           | T87C5101 [SO24]                   | (1062)       |
| Tempic           | T87C5101 [SO28]                   | (51)         |
| Tempic           | T87C5101 [SSOP24]                 | (1103)       |
| Tempic           | T87C5111                          |              |
| Tempic           | T87C5111 [SO20]                   | (119)        |
| Tempic           | T87C5111 [SO24]                   | (1062)       |
| Tempic           | T87C5111 [SSOP16]                 | (1103)       |
| Tempic           | T87C5111 [SSOP24]                 | (1103)       |
| Tempic           | T87C5112 [LQFP48]                 | (168)        |
| Tempic           | T87C5112 [PLCC52]                 | (151)        |
| Tempic           | T89C51RD2-XL                      |              |
| Tempic           | T89C51RD2-XL [PLCC44]             | (67)         |
| Tempic           | T89C51RD2-XL [PLCC68]             | (178)        |
| Tempic           | T89C51RD2-XL [VQFP44]             | (94)         |
| Tempic           | T89C51RD2-XL [VQFP64]             | (152)        |
| Tempic           | T89C51RD2-XM                      |              |
| Tempic           | T89C51RD2-XM [PLCC44]             | (67)         |
| Tempic           | T89C51RD2-XM [PLCC68]             | (178)        |
| Tempic           | T89C51RD2-XM [VQFP44]             | (94)         |
| Tempic           | T89C51RD2-XM [VQFP64]             | (152)        |
| Tempic           | T89F64-L                          |              |
| Tempic           | T89F64-L [PLCC44]                 | (67)         |
| Tempic           | T89F64-L [PLCC68]                 | (178)        |
| Tempic           | T89F64-L [VQFP44]                 | (94)         |
| Tempic           | T89F64-L [VQFP64]                 | (152)        |
| Tempic           | T89F64-M                          |              |
| Tempic           | T89F64-M [PLCC44]                 | (67)         |
| Tempic           | T89F64-M [PLCC68]                 | (178)        |
| Tempic           | T89F64-M [VQFP44]                 | (94)         |
| Tempic           | T89F64-M [VQFP64]                 | (152)        |
| Tempic           | TS87C51RA2                        |              |
| Tempic           | TS87C51RA2 [PLCC44]               | (67)         |
| Tempic           | TS87C51RA2 [VQFP44]               | (94)         |
| Tempic           | TS87C51RB2                        |              |
| Tempic           | TS87C51RB2 [PLCC44]               | (67)         |
| Tempic           | TS87C51RB2 [VQFP44]               | (94)         |
| Tempic           | TS87C51RC2                        |              |
| Tempic           | TS87C51RC2 [PLCC44]               | (67)         |
| Tempic           | TS87C51RC2 [VQFP44]               | (94)         |
| Tempic           | TS87C51RD2                        |              |
| Tempic           | TS87C51RD2 [PLCC44]               | (67)         |
| Tempic           | TS87C51RD2 [VQFP44]               | (94)         |
| Tempic           | TS87C51U2                         |              |
| Tempic           | TS87C51U2 [PLCC44]                | (67)         |
| Tempic           | TS87C51U2 [VQFP44]                | (94)         |
| Tempic           | TS87C52X2                         |              |
| Tempic           | TS87C52X2 [PLCC44]                | (67)         |
| Tempic           | TS87C52X2 [PQFP44]                | (106)        |
| Tempic           | TS87C52X2 [VQFP44]                | (94)         |
| Tempic           | TS87C54X2                         |              |
| Tempic           | TS87C54X2 [PLCC44]                | (67)         |
| Tempic           | TS87C54X2 [VQFP44]                | (94)         |
| Tempic           | TS87C58X2                         |              |
| Tempic           | TS87C58X2 [PLCC44]                | (67)         |
| Tempic           | TS87C58X2 [VQFP44]                | (94)         |
| Tempic           | TSC87251G1A                       |              |
| Tempic           | TSC87251G1A [PLCC44]              | (67)         |
| Tempic           | TSC87251G2D                       |              |

|                 |                                   |               |
|-----------------|-----------------------------------|---------------|
| Temic           | TSC87251G2D [PLCC44]              | (67)          |
| Temic           | TSC87251G2D [VQFP44]              | (94)          |
| Temic           | TSC87C51                          |               |
| Temic           | TSC87C51 [PLCC44]                 | (67)          |
| Temic           | TSC87C51 [VQFP44]                 | (94)          |
| Temic           | TSC87C51i2                        |               |
| Temic           | TSC87C51i2 [PLCC44]               | (67)          |
| Temic           | TSC87C52                          |               |
| Temic           | TSC87C52 [PLCC44]                 | (67)          |
| Teridian        | 71M6513 [LQFP100]                 | (4185)        |
| Teridian        | 71M6513H [LQFP100]                | (4185)        |
| Teridian        | 71M6521BE [LQFP64]                | (4183)        |
| Teridian        | 71M6521DE [LQFP64]                | (4183)        |
| Teridian        | 71M6521DH [LQFP64]                | (4183)        |
| Teridian        | 71M6521FE [LQFP64]                | (4183)        |
| Teridian        | 71M6541DT [LQFP64]                | (4092)        |
| Teridian        | 71M6541FT [LQFP64]                | (4092)        |
| Terra Semicond. | TS25L010A (ISP)                   | (138)         |
| Terra Semicond. | TS25L010A [S08-150]               | (3095) (*1)   |
| Terra Semicond. | TS25L010A [S08-150]               | (3095) (*1)   |
| Terra Semicond. | TS25L010A [S08-200]               | (3088) (*1)   |
| Terra Semicond. | TS25L010A [S08-200]               | (3088) (*1)   |
| Terra Semicond. | TS25L020A                         |               |
| Terra Semicond. | TS25L020A (ISP)                   | (138)         |
| Terra Semicond. | TS25L020A [S08-150]               | (3095) (*1)   |
| Terra Semicond. | TS25L020A [S08-150]               | (3095) (*1)   |
| Terra Semicond. | TS25L020A [S08-200]               | (3088) (*1)   |
| Terra Semicond. | TS25L020A [S08-200]               | (3088) (*1)   |
| Terra Semicond. | TS25L10P (ISP)                    | (138)         |
| Terra Semicond. | TS25L10P [S08-150]                | (3095) (*1)   |
| Terra Semicond. | TS25L10P [S08-200]                | (3088) (*1)   |
| Terra Semicond. | TS25L16AP                         |               |
| Terra Semicond. | TS25L16AP (ISP)                   | (138)         |
| Terra Semicond. | TS25L16AP [S08-150]               | (3095) (*1)   |
| Terra Semicond. | TS25L16AP [S08-150]               | (3095) (*1)   |
| Terra Semicond. | TS25L16AP [S08-150]               | (3095) (*1)   |
| Terra Semicond. | TS25L16AP [S08-200]               | (3088) (*1)   |
| Terra Semicond. | TS25L16AP [S08-200]               | (3088) (*1)   |
| Terra Semicond. | TS25L16AP [S08-200]               | (3088) (*1)   |
| Terra Semicond. | TS25L16P (ISP)                    | (138)         |
| Terra Semicond. | TS25L16P [S08-150]                | (3095) (*1)   |
| Terra Semicond. | TS25L16P [S08-200]                | (3088) (*1)   |
| Terra Semicond. | TS25L20P (ISP)                    | (138)         |
| Terra Semicond. | TS25L20P [S08-150]                | (3095) (*1)   |
| Terra Semicond. | TS25L20P [S08-200]                | (3088) (*1)   |
| Terra Semicond. | TS25L40P (ISP)                    | (138)         |
| Terra Semicond. | TS25L40P [S08-150]                | (3095) (*1)   |
| Terra Semicond. | TS25L40P [S08-200]                | (3088) (*1)   |
| Terra Semicond. | TS25L80P (ISP)                    | (138)         |
| Terra Semicond. | TS25L80P [S08-150]                | (3095) (*1)   |
| Terra Semicond. | TS25L80P [S08-200]                | (3088) (*1)   |
| Tesla           | MH74188                           |               |
| Tesla           | MH74S287                          |               |
| Tesla           | MH74S370                          |               |
| Tesla           | MH74S571                          |               |
| Tesla           | MHB2716C                          |               |
| Tesla           | MHB8048                           |               |
| Tesla           | MHB8708C                          | (2)           |
| Tesla           | MHB8748C                          |               |
| Tesla           | MHB93448C                         |               |
| Tesla           | MHB93451C                         |               |
| Tesla           | MHC93448C                         |               |
| Tesla           | MHC93451C                         |               |
| Thomson         | ET2716                            |               |
| Thomson         | ETC2716                           |               |
| Thomson         | ETC2732                           |               |
| TI (TMS)        | BQ2022ADBZR [SOT-23]              | (1257)        |
| TI (TMS)        | BQ2022ALPR [TO-92]                |               |
| TI (TMS)        | BQ26100 [SON6]                    | (1554)        |
| TI (TMS)        | BQ26500 [TSSOP8]                  | (121) (9999)  |
| TI (TMS)        | BQ26501 [TSSOP8]                  | (121) (9999)  |
| TI (TMS)        | BQ27000 [VSON10]                  | (2967) (9999) |
| TI (TMS)        | BQ27010 [VSON10]                  | (2967) (9999) |
| TI (TMS)        | BQ27520-G4 [DSBGA15]              | (4090)        |
| TI (TMS)        | BQ27530-G1 [DSBGA15]              | (4090)        |
| TI (TMS)        | BQ27620-G1 [CSP15]                | (4090)        |
| TI (TMS)        | BQ33100PW [TSSOP24] (Script File) | (1090) (9999) |
| TI (TMS)        | BQ34z100 [TSSOP14]                | (4081)        |
| TI (TMS)        | BQ4010                            |               |
| TI (TMS)        | BQ4010L                           |               |
| TI (TMS)        | BQ4011                            |               |
| TI (TMS)        | BQ4011L                           |               |
| TI (TMS)        | BQ4013                            |               |
| TI (TMS)        | BQ4013L                           |               |
| TI (TMS)        | BQ4014                            |               |
| TI (TMS)        | BQ4015                            |               |
| TI (TMS)        | BQ4015L                           |               |
| TI (TMS)        | BQ4016                            |               |
| TI (TMS)        | BQ4017                            |               |
| TI (TMS)        | BQ40Z60 [VQFN32]                  | (4138)        |
| TI (TMS)        | BQ78350-R1 [TSSOP30]              | (5012)        |
| TI (TMS)        | BUF08630 [VQFN20]                 | (1398)        |
| TI (TMS)        | BUF08821 [HTSSOP20]               | (1089)        |
| TI (TMS)        | BUF08821A [HTSSOP20]              | (1089)        |
| TI (TMS)        | BUF08821B [HTSSOP20]              | (1089)        |
| TI (TMS)        | BUF08822 [HTSSOP20]               | (1089)        |
| TI (TMS)        | BUF16820 [HTSSOP32]               | (505)         |
| TI (TMS)        | BUF16821 [HTSSOP28]               | (172)         |
| TI (TMS)        | BUF16821A [HTSSOP28]              | (172)         |
| TI (TMS)        | BUF16821B [HTSSOP28]              | (172)         |
| TI (TMS)        | BUF20820 [HTSSOP38]               | (884)         |
| TI (TMS)        | BUF22821 [HTSSOP38]               | (884)         |
| TI (TMS)        | CC1010 (ISP)                      | (138)         |
| TI (TMS)        | CC1010 [TQFP64]                   | (507)         |
| TI (TMS)        | CC1110 (ISP)                      | (138)         |
| TI (TMS)        | CC1110 [QLP36]                    | (838)         |
| TI (TMS)        | CC1110F16 (ISP)                   | (138)         |
| TI (TMS)        | CC1110-F16 (ISP)                  | (138)         |
| TI (TMS)        | CC1110F16 [QLP36]                 | (838)         |
| TI (TMS)        | CC1110-F16 [QLP36]                | (838)         |
| TI (TMS)        | CC1110F32 (ISP)                   | (138)         |
| TI (TMS)        | CC1110-F32 (ISP)                  | (138)         |
| TI (TMS)        | CC1110F32 [QLP36]                 | (838)         |
| TI (TMS)        | CC1110-F32 [QLP36]                | (838)         |
| TI (TMS)        | CC1110F8 (ISP)                    | (138)         |
| TI (TMS)        | CC1110-F8 (ISP)                   | (138)         |
| TI (TMS)        | CC1110F8 [QLP36]                  | (838)         |
| TI (TMS)        | CC1110-F8 [QLP36]                 | (838)         |
| TI (TMS)        | CC1111F16 (ISP)                   | (138)         |
| TI (TMS)        | CC1111-F16 (ISP)                  | (138)         |
| TI (TMS)        | CC1111F16 [QLP36]                 | (838)         |
| TI (TMS)        | CC1111-F16 [QLP36]                | (838)         |
| TI (TMS)        | CC1111F32 (ISP)                   | (138)         |
| TI (TMS)        | CC1111-F32 (ISP)                  | (138)         |
| TI (TMS)        | CC1111F32 [QLP36]                 | (838)         |
| TI (TMS)        | CC1111-F32 [QLP36]                | (838)         |
| TI (TMS)        | CC1111F8 (ISP)                    | (138)         |
| TI (TMS)        | CC1111-F8 (ISP)                   | (138)         |

|          |                                     |              |
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| TI (TMS) | CC1111F8 [QLP36]                    | (838)        |
| TI (TMS) | CC1111-F8 [QLP36]                   | (838)        |
| TI (TMS) | CC1310F128 [QFN32 (4x4)]            | (3678)       |
| TI (TMS) | CC1310F128 [QFN32 (4x4)] (ISP-UART) | (138) (9997) |
| TI (TMS) | CC1310F128 [QFN32 (5x5)]            | (3677)       |
| TI (TMS) | CC1310F128 [QFN32 (5x5)] (ISP-UART) | (138) (9997) |
| TI (TMS) | CC1310F128 [QFN48]                  | (3679)       |
| TI (TMS) | CC1310F128 [QFN48] (ISP-UART)       | (138) (9997) |
| TI (TMS) | CC1310F32 [QFN32 (4x4)]             | (3678)       |
| TI (TMS) | CC1310F32 [QFN32 (4x4)] (ISP-UART)  | (138) (9997) |
| TI (TMS) | CC1310F32 [QFN32 (5x5)]             | (3677)       |
| TI (TMS) | CC1310F32 [QFN32 (5x5)] (ISP-UART)  | (138) (9997) |
| TI (TMS) | CC1310F32 [QFN48]                   | (3679)       |
| TI (TMS) | CC1310F32 [QFN48] (ISP-UART)        | (138) (9997) |
| TI (TMS) | CC1310F64 [QFN32 (4x4)]             | (3678)       |
| TI (TMS) | CC1310F64 [QFN32 (4x4)] (ISP-UART)  | (138) (9997) |
| TI (TMS) | CC1310F64 [QFN32 (5x5)]             | (3677)       |
| TI (TMS) | CC1310F64 [QFN32 (5x5)] (ISP-UART)  | (138) (9997) |
| TI (TMS) | CC1310F64 [QFN48]                   | (3679)       |
| TI (TMS) | CC1310F64 [QFN48] (ISP-UART)        | (138) (9997) |
| TI (TMS) | CC1312R1F3 [QFN48]                  | (3679)       |
| TI (TMS) | CC1312R1F3 [QFN48] (ISP-UART)       | (138) (9997) |
| TI (TMS) | CC1350F128 [QFN32 (4x4)]            | (3678)       |
| TI (TMS) | CC1350F128 [QFN32 (4x4)] (ISP-UART) | (138) (9997) |
| TI (TMS) | CC1350F128 [QFN32 (5x5)]            | (3677)       |
| TI (TMS) | CC1350F128 [QFN32 (5x5)] (ISP-UART) | (138) (9997) |
| TI (TMS) | CC1350F128 [QFN48]                  | (3679)       |
| TI (TMS) | CC1350F128 [QFN48] (ISP-UART)       | (138) (9997) |
| TI (TMS) | CC1352P1F3 [QFN48]                  | (3679)       |
| TI (TMS) | CC1352P1F3 [QFN48] (ISP-UART)       | (138) (9997) |
| TI (TMS) | CC1352R1F3 [QFN48]                  | (3679)       |
| TI (TMS) | CC1352R1F3 [QFN48] (ISP-UART)       | (138) (9997) |
| TI (TMS) | CC2430 (ISP)                        | (138)        |
| TI (TMS) | CC2430 [QLP48]                      | (837)        |
| TI (TMS) | CC2430F128 (ISP)                    | (138)        |
| TI (TMS) | CC2430-F128 (ISP)                   | (138)        |
| TI (TMS) | CC2430F128 [QLP48]                  | (837)        |
| TI (TMS) | CC2430-F128 [QLP48]                 | (837)        |
| TI (TMS) | CC2430F32 (ISP)                     | (138)        |
| TI (TMS) | CC2430-F32 (ISP)                    | (138)        |
| TI (TMS) | CC2430F32 [QLP48]                   | (837)        |
| TI (TMS) | CC2430-F32 [QLP48]                  | (837)        |
| TI (TMS) | CC2430F64 (ISP)                     | (138)        |
| TI (TMS) | CC2430-F64 (ISP)                    | (138)        |
| TI (TMS) | CC2430F64 [QLP48]                   | (837)        |
| TI (TMS) | CC2430-F64 [QLP48]                  | (837)        |
| TI (TMS) | CC2431 (ISP)                        | (138)        |
| TI (TMS) | CC2431 [QLP48]                      | (837)        |
| TI (TMS) | CC2510 (ISP)                        | (138)        |
| TI (TMS) | CC2510 [QLP36]                      | (838)        |
| TI (TMS) | CC2510F16 (ISP)                     | (138)        |
| TI (TMS) | CC2510-F16 (ISP)                    | (138)        |
| TI (TMS) | CC2510F16 [QLP36]                   | (838)        |
| TI (TMS) | CC2510-F16 [QLP36]                  | (838)        |
| TI (TMS) | CC2510F32 (ISP)                     | (138)        |
| TI (TMS) | CC2510-F32 (ISP)                    | (138)        |
| TI (TMS) | CC2510F32 [QLP36]                   | (838)        |
| TI (TMS) | CC2510-F32 [QLP36]                  | (838)        |
| TI (TMS) | CC2510F8 (ISP)                      | (138)        |
| TI (TMS) | CC2510-F8 (ISP)                     | (138)        |
| TI (TMS) | CC2510F8 [QLP36]                    | (838)        |
| TI (TMS) | CC2510-F8 [QLP36]                   | (838)        |
| TI (TMS) | CC2511F16 (ISP)                     | (138)        |
| TI (TMS) | CC2511-F16 (ISP)                    | (138)        |
| TI (TMS) | CC2511F16 [QLP36]                   | (838)        |
| TI (TMS) | CC2511-F16 [QLP36]                  | (838)        |
| TI (TMS) | CC2511F32 (ISP)                     | (138)        |
| TI (TMS) | CC2511-F32 (ISP)                    | (138)        |
| TI (TMS) | CC2511F32 [QLP36]                   | (838)        |
| TI (TMS) | CC2511-F32 [QLP36]                  | (838)        |
| TI (TMS) | CC2511F8 (ISP)                      | (138)        |
| TI (TMS) | CC2511-F8 (ISP)                     | (138)        |
| TI (TMS) | CC2511F8 [QLP36]                    | (838)        |
| TI (TMS) | CC2511-F8 [QLP36]                   | (838)        |
| TI (TMS) | CC2530F128 (ISP)                    | (138)        |
| TI (TMS) | CC2530-F128 (ISP)                   | (138)        |
| TI (TMS) | CC2530F128 [QFN40]                  | (1277)       |
| TI (TMS) | CC2530-F128 [QFN40]                 | (1277)       |
| TI (TMS) | CC2530F256 (ISP)                    | (138)        |
| TI (TMS) | CC2530-F256 (ISP)                   | (138)        |
| TI (TMS) | CC2530F256 [QFN40]                  | (1277)       |
| TI (TMS) | CC2530-F256 [QFN40]                 | (1277)       |
| TI (TMS) | CC2530F32 (ISP)                     | (138)        |
| TI (TMS) | CC2530-F32 (ISP)                    | (138)        |
| TI (TMS) | CC2530F32 [QFN40]                   | (1277)       |
| TI (TMS) | CC2530-F32 [QFN40]                  | (1277)       |
| TI (TMS) | CC2530F64 (ISP)                     | (138)        |
| TI (TMS) | CC2530-F64 (ISP)                    | (138)        |
| TI (TMS) | CC2530F64 [QFN40]                   | (1277)       |
| TI (TMS) | CC2530-F64 [QFN40]                  | (1277)       |
| TI (TMS) | CC2531F128 (ISP)                    | (138)        |
| TI (TMS) | CC2531-F128 (ISP)                   | (138)        |
| TI (TMS) | CC2531F128 [QFN40]                  | (1277)       |
| TI (TMS) | CC2531-F128 [QFN40]                 | (1277)       |
| TI (TMS) | CC2531F256 (ISP)                    | (138)        |
| TI (TMS) | CC2531-F256 (ISP)                   | (138)        |
| TI (TMS) | CC2531F256 [QFN40]                  | (1277)       |
| TI (TMS) | CC2531-F256 [QFN40]                 | (1277)       |
| TI (TMS) | CC2531F32 (ISP)                     | (138)        |
| TI (TMS) | CC2531-F32 (ISP)                    | (138)        |
| TI (TMS) | CC2531F32 [QFN40]                   | (1277)       |
| TI (TMS) | CC2531-F32 [QFN40]                  | (1277)       |
| TI (TMS) | CC2531F64 (ISP)                     | (138)        |
| TI (TMS) | CC2531-F64 (ISP)                    | (138)        |
| TI (TMS) | CC2531F64 [QFN40]                   | (1277)       |
| TI (TMS) | CC2531-F64 [QFN40]                  | (1277)       |
| TI (TMS) | CC2533AF32 (ISP)                    | (138)        |
| TI (TMS) | CC2533A-F32 (ISP)                   | (138)        |
| TI (TMS) | CC2533AF32 [QFN40]                  | (1277)       |
| TI (TMS) | CC2533A-F32 [QFN40]                 | (1277)       |
| TI (TMS) | CC2533AF64 (ISP)                    | (138)        |
| TI (TMS) | CC2533A-F64 (ISP)                   | (138)        |
| TI (TMS) | CC2533AF64 [QFN40]                  | (1277)       |
| TI (TMS) | CC2533A-F64 [QFN40]                 | (1277)       |
| TI (TMS) | CC2533AF96 (ISP)                    | (138)        |
| TI (TMS) | CC2533A-F96 (ISP)                   | (138)        |
| TI (TMS) | CC2533AF96 [QFN40]                  | (1277)       |
| TI (TMS) | CC2533A-F96 [QFN40]                 | (1277)       |
| TI (TMS) | CC2533F32 (ISP)                     | (138)        |
| TI (TMS) | CC2533-F32 (ISP)                    | (138)        |
| TI (TMS) | CC2533F32 [QFN40]                   | (1277)       |
| TI (TMS) | CC2533-F32 [QFN40]                  | (1277)       |
| TI (TMS) | CC2533F64 (ISP)                     | (138)        |
| TI (TMS) | CC2533-F64 (ISP)                    | (138)        |
| TI (TMS) | CC2533F64 [QFN40]                   | (1277)       |
| TI (TMS) | CC2533-F64 [QFN40]                  | (1277)       |
| TI (TMS) | CC2533F96 (ISP)                     | (138)        |
| TI (TMS) | CC2533-F96 (ISP)                    | (138)        |

|          |                                         |              |
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| TI (TMS) | CC2533F96 [QFN40]                       | (1277)       |
| TI (TMS) | CC2533-F96 [QFN40]                      | (1277)       |
| TI (TMS) | CC2534 (ISP)                            | (138)        |
| TI (TMS) | CC2534 [QFN40]                          | (1277)       |
| TI (TMS) | CC2538NF11 (ISP-UART)                   | (138) (9997) |
| TI (TMS) | CC2538NF11 [QFN56]                      | (4191)       |
| TI (TMS) | CC2538NF23 (ISP-UART)                   | (138) (9997) |
| TI (TMS) | CC2538NF23 [QFN56]                      | (4191)       |
| TI (TMS) | CC2538NF53 (ISP-UART)                   | (138) (9997) |
| TI (TMS) | CC2538NF53 [QFN56]                      | (4191)       |
| TI (TMS) | CC2538SF23 (ISP-UART)                   | (138) (9997) |
| TI (TMS) | CC2538SF23 [QFN56]                      | (4191)       |
| TI (TMS) | CC2538SF53 (ISP-UART)                   | (138) (9997) |
| TI (TMS) | CC2538SF53 [QFN56]                      | (4191)       |
| TI (TMS) | CC2540F128 (ISP)                        | (138)        |
| TI (TMS) | CC2540-F128 (ISP)                       | (138)        |
| TI (TMS) | CC2540F128 [QFN40]                      | (1277)       |
| TI (TMS) | CC2540-F128 [QFN40]                     | (1277)       |
| TI (TMS) | CC2540F256 (ISP)                        | (138)        |
| TI (TMS) | CC2540-F256 (ISP)                       | (138)        |
| TI (TMS) | CC2540F256 [QFN40]                      | (1277)       |
| TI (TMS) | CC2540-F256 [QFN40]                     | (1277)       |
| TI (TMS) | CC2540TF256 (ISP)                       | (138)        |
| TI (TMS) | CC2540T-F256 (ISP)                      | (138)        |
| TI (TMS) | CC2540TF256 [QFN40]                     | (1277)       |
| TI (TMS) | CC2540T-F256 [QFN40]                    | (1277)       |
| TI (TMS) | CC2541F128 (ISP)                        | (138)        |
| TI (TMS) | CC2541-F128 (ISP)                       | (138)        |
| TI (TMS) | CC2541F128 [QFN40]                      | (1277)       |
| TI (TMS) | CC2541-F128 [QFN40]                     | (1277)       |
| TI (TMS) | CC2541F256 (ISP)                        | (138)        |
| TI (TMS) | CC2541-F256 (ISP)                       | (138)        |
| TI (TMS) | CC2541-F256 (ISP) (HTV-01)              | (138) (9999) |
| TI (TMS) | CC2541F256 [QFN40]                      | (1277)       |
| TI (TMS) | CC2541-F256 [QFN40]                     | (1277)       |
| TI (TMS) | CC2541-Q1 (ISP)                         | (138)        |
| TI (TMS) | CC2541-Q1 [QFN40]                       | (1277)       |
| TI (TMS) | CC2541xxxxxQ1 (ISP)                     | (138)        |
| TI (TMS) | CC2541xxxxxQ1 [QFN40]                   | (1277)       |
| TI (TMS) | CC2543 (ISP)                            | (138)        |
| TI (TMS) | CC2543 [QFN32]                          | (2802)       |
| TI (TMS) | CC2544 (ISP)                            | (138)        |
| TI (TMS) | CC2544 [QFN32]                          | (2428)       |
| TI (TMS) | CC2545 (ISP)                            | (138)        |
| TI (TMS) | CC2545 [QFN48]                          | (2855)       |
| TI (TMS) | CC2620F128 [QFN32 (4x4)]                | (3678)       |
| TI (TMS) | CC2620F128 [QFN32 (4x4)] (ISP-UART)     | (138) (9997) |
| TI (TMS) | CC2620F128 [QFN32 (5x5)]                | (3677)       |
| TI (TMS) | CC2620F128 [QFN32 (5x5)] (ISP-UART)     | (138) (9997) |
| TI (TMS) | CC2620F128 [QFN48]                      | (3679)       |
| TI (TMS) | CC2620F128 [QFN48] (ISP-UART)           | (138) (9997) |
| TI (TMS) | CC2630F128 [QFN32 (4x4)]                | (3678)       |
| TI (TMS) | CC2630F128 [QFN32 (4x4)] (ISP-UART)     | (138) (9997) |
| TI (TMS) | CC2630F128 [QFN32 (5x5)]                | (3677)       |
| TI (TMS) | CC2630F128 [QFN32 (5x5)] (ISP-UART)     | (138) (9997) |
| TI (TMS) | CC2630F128 [QFN48]                      | (3679)       |
| TI (TMS) | CC2630F128 [QFN48] (ISP-UART)           | (138) (9997) |
| TI (TMS) | CC2640F128 [QFN32 (4x4)]                | (3678)       |
| TI (TMS) | CC2640F128 [QFN32 (4x4)] (ISP-UART)     | (138) (9997) |
| TI (TMS) | CC2640F128 [QFN32 (5x5)]                | (3677)       |
| TI (TMS) | CC2640F128 [QFN32 (5x5)] (ISP-UART)     | (138) (9997) |
| TI (TMS) | CC2640F128 [QFN48]                      | (3679)       |
| TI (TMS) | CC2640F128 [QFN48] (ISP-UART)           | (138) (9997) |
| TI (TMS) | CC2640R2F [QFN32 (4x4)]                 | (3678)       |
| TI (TMS) | CC2640R2F [QFN32 (4x4)] (ISP-UART)      | (138) (9997) |
| TI (TMS) | CC2640R2F [QFN32 (5x5)]                 | (3677)       |
| TI (TMS) | CC2640R2F [QFN32 (5x5)] (ISP-UART)      | (138) (9997) |
| TI (TMS) | CC2640R2F [QFN48]                       | (3679)       |
| TI (TMS) | CC2640R2F [QFN48] (ISP-UART)            | (138) (9997) |
| TI (TMS) | CC2640R2F-Q1 [QFN48]                    | (3679)       |
| TI (TMS) | CC2640R2FTWxxxQ1 [QFN48]                | (3679)       |
| TI (TMS) | CC2642R1F [QFN48]                       | (3679)       |
| TI (TMS) | CC2642R1F [QFN48] (ISP-UART)            | (138) (9997) |
| TI (TMS) | CC2642R1F [QFN48] (rev A->D)            | (3679)       |
| TI (TMS) | CC2642R1F [QFN48] (rev A->D) (ISP-UART) | (138) (9997) |
| TI (TMS) | CC2642R1F [QFN48] (rev E)               | (3679)       |
| TI (TMS) | CC2642R1F [QFN48] (rev E) (ISP-UART)    | (138) (9997) |
| TI (TMS) | CC2650F128 [QFN32 (4x4)]                | (3678)       |
| TI (TMS) | CC2650F128 [QFN32 (4x4)] (ISP-UART)     | (138) (9997) |
| TI (TMS) | CC2650F128 [QFN32 (5x5)]                | (3677)       |
| TI (TMS) | CC2650F128 [QFN32 (5x5)] (ISP-UART)     | (138) (9997) |
| TI (TMS) | CC2650F128 [QFN48]                      | (3679)       |
| TI (TMS) | CC2650F128 [QFN48] (ISP-UART)           | (138) (9997) |
| TI (TMS) | CC2650MODA (ISP-UART)                   | (138) (9997) |
| TI (TMS) | CC2652R1F [QFN48]                       | (3679)       |
| TI (TMS) | CC2652R1F [QFN48] (ISP-UART)            | (138) (9997) |
| TI (TMS) | CC430F5123 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F5123 [QFN48] (JTAG)               | (2749)       |
| TI (TMS) | CC430F5125 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F5125 [QFN48] (JTAG)               | (2749)       |
| TI (TMS) | CC430F5133 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F5133 [QFN48] (JTAG)               | (2749)       |
| TI (TMS) | CC430F5135 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F5135 [QFN48] (JTAG)               | (2749)       |
| TI (TMS) | CC430F5137 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F5137 [QFN48] (JTAG)               | (2749)       |
| TI (TMS) | CC430F5143 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F5143 [QFN48] (JTAG)               | (2749)       |
| TI (TMS) | CC430F5145 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F5145 [QFN48] (JTAG)               | (2749)       |
| TI (TMS) | CC430F5147 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F5147 [QFN48] (JTAG)               | (2749)       |
| TI (TMS) | CC430F6125 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F6125 [VQFN64] (JTAG)              | (2762)       |
| TI (TMS) | CC430F6126 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F6126 [VQFN64] (JTAG)              | (2762)       |
| TI (TMS) | CC430F6127 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F6127 [VQFN64] (JTAG)              | (2762)       |
| TI (TMS) | CC430F6135 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F6135 [VQFN64] (JTAG)              | (2762)       |
| TI (TMS) | CC430F6137 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F6137 [VQFN64] (JTAG)              | (2762)       |
| TI (TMS) | CC430F6143 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F6143 [VQFN64] (JTAG)              | (2762)       |
| TI (TMS) | CC430F6145 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F6145 [VQFN64] (JTAG)              | (2762)       |
| TI (TMS) | CC430F6147 (ISP-4wire JTAG)             | (138)        |
| TI (TMS) | CC430F6147 [VQFN64] (JTAG)              | (2762)       |
| TI (TMS) | CC8520 (ISP)                            | (138) (9997) |
| TI (TMS) | CC8520 [QFN40]                          | (2313)       |
| TI (TMS) | CC8521 (ISP)                            | (138) (9997) |
| TI (TMS) | CC8521 [QFN40]                          | (2313)       |
| TI (TMS) | CC8530 (ISP)                            | (138) (9997) |
| TI (TMS) | CC8530 [QFN40]                          | (2313)       |
| TI (TMS) | CC8531 (ISP)                            | (138) (9997) |
| TI (TMS) | CC8531 [QFN40]                          | (2313)       |
| TI (TMS) | CDCE706 [TSSOP20]                       | (1089)       |
| TI (TMS) | CDCE72010 [VQFN64]                      | (3731)       |



|          |                              |              |
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| TI (TMS) | CDCE906 [TSSOP20]            | (1089)       |
| TI (TMS) | CDCE913 [TSSOP14]            | (1087)       |
| TI (TMS) | CDCE925 [TSSOP16]            | (1088)       |
| TI (TMS) | CDCE937 [TSSOP20]            | (1089)       |
| TI (TMS) | CDCE949 [TSSOP24]            | (1090)       |
| TI (TMS) | CDCEL913 [TSSOP14]           | (1087)       |
| TI (TMS) | CDCEL925 [TSSOP16]           | (1088)       |
| TI (TMS) | CDCEL937 [TSSOP20]           | (1089)       |
| TI (TMS) | CDCEL949 [TSSOP24]           | (1090)       |
| TI (TMS) | COP87L20CJ                   |              |
| TI (TMS) | COP87L20CJ [SOIC28]          | (51)         |
| TI (TMS) | COP87L22CJ                   |              |
| TI (TMS) | COP87L22CJ [SOIC20]          | (119)        |
| TI (TMS) | COP87L40CJ                   |              |
| TI (TMS) | COP87L40CJ [SOIC28]          | (51)         |
| TI (TMS) | COP87L42CJ                   |              |
| TI (TMS) | COP87L42CJ [SOIC20]          | (119)        |
| TI (TMS) | COP87L84BC [SOIC28]          | (51)         |
| TI (TMS) | COP87L84EG                   |              |
| TI (TMS) | COP87L84EG [SOIC28]          | (51)         |
| TI (TMS) | COP87L84RG                   |              |
| TI (TMS) | COP87L84RG [SOIC28]          | (51)         |
| TI (TMS) | COP87L88CF                   |              |
| TI (TMS) | COP87L88CF [PLCC44]          | (67)         |
| TI (TMS) | COP87L88CL                   |              |
| TI (TMS) | COP87L88CL [PLCC44]          | (67)         |
| TI (TMS) | COP87L88EG                   |              |
| TI (TMS) | COP87L88EG [PLCC44]          | (67)         |
| TI (TMS) | COP87L88FH                   |              |
| TI (TMS) | COP87L88FH [PLCC44]          | (67)         |
| TI (TMS) | COP87L88GD [PLCC44]          | (67)         |
| TI (TMS) | COP8AME9                     |              |
| TI (TMS) | COP8AME9 [SOIC28]            | (51)         |
| TI (TMS) | COP8ANE9                     |              |
| TI (TMS) | COP8ANE9 [SOIC28]            | (51)         |
| TI (TMS) | COP8CBR9 [LLP44]             | (886)        |
| TI (TMS) | COP8CBR9 [PLCC44]            | (67)         |
| TI (TMS) | COP8CBR9 [PLCC68]            | (888)        |
| TI (TMS) | COP8CBR9 [TSSOP48]           | (860)        |
| TI (TMS) | COP8CCR9 [LLP44]             | (886)        |
| TI (TMS) | COP8CCR9 [PLCC44]            | (67)         |
| TI (TMS) | COP8CCR9 [PLCC68]            | (888)        |
| TI (TMS) | COP8CCR9 [TSSOP48]           | (860)        |
| TI (TMS) | COP8CDR9 [LLP44]             | (886)        |
| TI (TMS) | COP8CDR9 [PLCC44]            | (67)         |
| TI (TMS) | COP8CDR9 [PLCC68]            | (888)        |
| TI (TMS) | COP8CDR9 [TSSOP48]           | (860)        |
| TI (TMS) | COP8SAA716                   |              |
| TI (TMS) | COP8SAA716 [SOIC16]          | (1060)       |
| TI (TMS) | COP8SAA720                   |              |
| TI (TMS) | COP8SAA720 [SOIC20]          | (119)        |
| TI (TMS) | COP8SAA728                   |              |
| TI (TMS) | COP8SAA728 [SOIC28]          | (51)         |
| TI (TMS) | COP8SAB720                   |              |
| TI (TMS) | COP8SAB720 [SOIC20]          | (119)        |
| TI (TMS) | COP8SAB728                   |              |
| TI (TMS) | COP8SAB728 [SOIC28]          | (51)         |
| TI (TMS) | COP8SAC720                   |              |
| TI (TMS) | COP8SAC720 [SOIC20]          | (119)        |
| TI (TMS) | COP8SAC720Q3                 |              |
| TI (TMS) | COP8SAC728                   |              |
| TI (TMS) | COP8SAC728 [SOIC28]          | (51)         |
| TI (TMS) | COP8SAC728Q3                 |              |
| TI (TMS) | COP8SAC740                   |              |
| TI (TMS) | COP8SAC740Q3                 |              |
| TI (TMS) | COP8SAC744 [PLCC44]          | (67)         |
| TI (TMS) | COP8SAC744J3 [PLCC44]        | (67)         |
| TI (TMS) | COP8SBR9 [LLP44]             | (886)        |
| TI (TMS) | COP8SBR9 [PLCC44]            | (67)         |
| TI (TMS) | COP8SBR9 [PLCC68]            | (888)        |
| TI (TMS) | COP8SBR9 [TSSOP48]           | (860)        |
| TI (TMS) | COP8SCR9 [LLP44]             | (886)        |
| TI (TMS) | COP8SCR9 [PLCC44]            | (67)         |
| TI (TMS) | COP8SCR9 [PLCC68]            | (888)        |
| TI (TMS) | COP8SCR9 [TSSOP48]           | (860)        |
| TI (TMS) | COP8SDR9 [LLP44]             | (886)        |
| TI (TMS) | COP8SDR9 [PLCC44]            | (67)         |
| TI (TMS) | COP8SDR9 [PLCC68]            | (888)        |
| TI (TMS) | COP8SDR9 [TSSOP48]           | (860)        |
| TI (TMS) | COP8SGE728                   |              |
| TI (TMS) | COP8SGE728 [SOIC28]          | (51)         |
| TI (TMS) | COP8SGE740                   |              |
| TI (TMS) | COP8SGE744 [PLCC44]          | (67)         |
| TI (TMS) | COP8SGE744 [PQFP44]          | (94)         |
| TI (TMS) | COP8SGR728                   |              |
| TI (TMS) | COP8SGR728 [SOIC28]          | (51)         |
| TI (TMS) | COP8SGR728Q3                 |              |
| TI (TMS) | COP8SGR740                   |              |
| TI (TMS) | COP8SGR740Q3                 |              |
| TI (TMS) | COP8SGR744 [PLCC44]          | (67)         |
| TI (TMS) | COP8SGR744 [PQFP44]          | (94)         |
| TI (TMS) | COP8SGR744Q3 [PLCC44]        | (67)         |
| TI (TMS) | EP1800 [PLCC68]              | (784)        |
| TI (TMS) | EP1810 [PLCC68]              | (784)        |
| TI (TMS) | EP1830 [PGA68] (ADP Aprilog) | (541)        |
| TI (TMS) | EP1830 [PGA68] (ADP ET)      | (2323)       |
| TI (TMS) | EP1830 [PLCC68]              | (784)        |
| TI (TMS) | EP610                        |              |
| TI (TMS) | EP610 [PLCC28]               | (48)         |
| TI (TMS) | EP630                        |              |
| TI (TMS) | EP630 [PLCC28]               | (48)         |
| TI (TMS) | EP910                        |              |
| TI (TMS) | EP910 [PLCC44]               | (67)         |
| TI (TMS) | FRE014 [QFN32 (5x5)]         | (3677)       |
| TI (TMS) | FRE014 [QFN48]               | (3679)       |
| TI (TMS) | LM3549 [LLP24]               | (731)        |
| TI (TMS) | LM3S101 [LQFP48]             | (174)        |
| TI (TMS) | LM3S101 [QFN48]              | (567)        |
| TI (TMS) | LM3S101 [SOIC28]             | (51)         |
| TI (TMS) | LM3S101-C2 [LQFP48]          | (174)        |
| TI (TMS) | LM3S101-C2 [QFN48]           | (567)        |
| TI (TMS) | LM3S102 [LQFP48]             | (174)        |
| TI (TMS) | LM3S102 [QFN48]              | (567)        |
| TI (TMS) | LM3S102 [SOIC28]             | (51)         |
| TI (TMS) | LM3S102-C2 [LQFP48]          | (174)        |
| TI (TMS) | LM3S102-C2 [QFN48]           | (567)        |
| TI (TMS) | LM3S1110 (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM3S1110 [BGA108]            | (1221)       |
| TI (TMS) | LM3S1110 [LQFP100]           | (1200)       |
| TI (TMS) | LM3S1133 (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM3S1133 [BGA108]            | (1221)       |
| TI (TMS) | LM3S1133 [LQFP100]           | (1200)       |
| TI (TMS) | LM3S1138 (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM3S1138 [BGA108]            | (1221)       |
| TI (TMS) | LM3S1138 [LQFP100]           | (1200)       |
| TI (TMS) | LM3S1150 (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM3S1150 [BGA108]            | (1221)       |
| TI (TMS) | LM3S1150 [LQFP100]           | (1200)       |

|          |                     |              |
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| TI (TMS) | LM3S1162 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1162 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1162 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1165 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1165 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1165 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1166 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1166 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1332 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1332 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1332 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1435 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1435 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1435 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1439 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1439 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1439 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1512 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1512 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1512 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1538 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1538 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1538 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1601 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1601 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1601 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1607 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1607 [LQFP64]   | (1199)       |
| TI (TMS) | LM3S1608 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1608 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1608 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1620 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1620 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1620 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1621 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1621 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1625 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1625 [LQFP64]   | (1199)       |
| TI (TMS) | LM3S1626 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1626 [LQFP64]   | (1199)       |
| TI (TMS) | LM3S1627 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1627 [LQFP64]   | (1199)       |
| TI (TMS) | LM3S1635 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1635 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1635 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1636 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1636 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1637 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1637 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1637 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1651 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1651 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1751 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1751 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1751 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1776 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1776 [LQFP64]   | (1199)       |
| TI (TMS) | LM3S1811 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1811 [BGA108]   | (2296)       |
| TI (TMS) | LM3S1811 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1816 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1816 [LQFP64]   | (2271)       |
| TI (TMS) | LM3S1850 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1850 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1850 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1911 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1911 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1911 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1918 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1918 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1918 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1937 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1937 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1937 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1958 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1958 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1958 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1960 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1960 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1960 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1968 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1968 [BGA108]   | (1221)       |
| TI (TMS) | LM3S1968 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1969 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1969 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S1B21 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1B21 [BGA108]   | (2296)       |
| TI (TMS) | LM3S1B21 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1C21 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1C21 [BGA108]   | (2296)       |
| TI (TMS) | LM3S1C21 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1C26 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1C26 [LQFP64]   | (2271)       |
| TI (TMS) | LM3S1C58 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1C58 [BGA108]   | (2296)       |
| TI (TMS) | LM3S1C58 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1D21 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1D21 [BGA108]   | (2296)       |
| TI (TMS) | LM3S1D21 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1D26 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1D26 [LQFP64]   | (2271)       |
| TI (TMS) | LM3S1F11 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1F11 [BGA108]   | (2296)       |
| TI (TMS) | LM3S1F11 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1F16 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1F16 [LQFP64]   | (2271)       |
| TI (TMS) | LM3S1G21 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1G21 [BGA108]   | (2296)       |
| TI (TMS) | LM3S1G21 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1G58 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1G58 [BGA108]   | (2296)       |
| TI (TMS) | LM3S1G58 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1H11 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1H11 [BGA108]   | (2296)       |
| TI (TMS) | LM3S1H11 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1H16 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1H16 [LQFP64]   | (2271)       |
| TI (TMS) | LM3S1J11 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1J11 [BGA108]   | (2296)       |
| TI (TMS) | LM3S1J11 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1J16 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1J16 [LQFP64]   | (2271)       |
| TI (TMS) | LM3S1N11 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1N11 [BGA108]   | (2296)       |
| TI (TMS) | LM3S1N11 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1N16 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1N16 [LQFP64]   | (2271)       |
| TI (TMS) | LM3S1P51 (ISP-JTAG) | (138) (9997) |

|          |            |            |              |
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| TI (TMS) | LM3S1P51   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1R21   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1R21   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S1R21   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S1R26   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1R26   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S1W16   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1W16   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S1Z16   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S1Z16   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S2110   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2110   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2110   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2139   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2139   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2139   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2276   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2276   | [LQFP64]   | (1199)       |
| TI (TMS) | LM3S2410   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2410   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2410   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2412   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2412   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2412   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2432   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2432   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2432   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2533   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2533   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2533   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2601   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2601   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2601   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2608   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2608   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2608   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2616   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2616   | [LQFP64]   | (1199)       |
| TI (TMS) | LM3S2620   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2620   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2620   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2637   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2637   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2637   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2651   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2651   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2651   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2671   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2671   | [LQFP64]   | (1199)       |
| TI (TMS) | LM3S2678   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2678   | [LQFP64]   | (1199)       |
| TI (TMS) | LM3S2730   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2730   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2730   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2739   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2739   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2739   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2776   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2776   | [LQFP64]   | (1199)       |
| TI (TMS) | LM3S2793   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2793   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S2793   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S2911   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2911   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2911   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2918   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2918   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2918   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2939   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2939   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2939   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2948   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2948   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2948   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2950   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2950   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2950   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2965   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2965   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S2965   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S2893   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2893   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S2893   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S2D93   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S2U93   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S2U93   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S2U93   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S300    | [LQFP48]   | (174)        |
| TI (TMS) | LM3S300    | [QFN48]    | (567)        |
| TI (TMS) | LM3S300-C2 | [LQFP48]   | (174)        |
| TI (TMS) | LM3S300-C2 | [QFN48]    | (567)        |
| TI (TMS) | LM3S301    | [LQFP48]   | (174)        |
| TI (TMS) | LM3S301    | [QFN48]    | (567)        |
| TI (TMS) | LM3S301-C2 | [LQFP48]   | (174)        |
| TI (TMS) | LM3S301-C2 | [QFN48]    | (567)        |
| TI (TMS) | LM3S308    | [LQFP48]   | (174)        |
| TI (TMS) | LM3S308    | [QFN48]    | (567)        |
| TI (TMS) | LM3S308-C2 | [LQFP48]   | (174)        |
| TI (TMS) | LM3S308-C2 | [QFN48]    | (567)        |
| TI (TMS) | LM3S310    | [LQFP48]   | (174)        |
| TI (TMS) | LM3S310    | [QFN48]    | (567)        |
| TI (TMS) | LM3S310-C2 | [LQFP48]   | (174)        |
| TI (TMS) | LM3S310-C2 | [QFN48]    | (567)        |
| TI (TMS) | LM3S315    | [LQFP48]   | (174)        |
| TI (TMS) | LM3S315    | [QFN48]    | (567)        |
| TI (TMS) | LM3S315-C2 | [LQFP48]   | (174)        |
| TI (TMS) | LM3S315-C2 | [QFN48]    | (567)        |
| TI (TMS) | LM3S316    | [LQFP48]   | (174)        |
| TI (TMS) | LM3S316    | [QFN48]    | (567)        |
| TI (TMS) | LM3S316-C2 | [LQFP48]   | (174)        |
| TI (TMS) | LM3S316-C2 | [QFN48]    | (567)        |
| TI (TMS) | LM3S317    | [LQFP48]   | (174)        |
| TI (TMS) | LM3S317    | [QFN48]    | (567)        |
| TI (TMS) | LM3S317-C2 | [LQFP48]   | (174)        |
| TI (TMS) | LM3S317-C2 | [QFN48]    | (567)        |
| TI (TMS) | LM3S328    | [LQFP48]   | (174)        |
| TI (TMS) | LM3S328    | [QFN48]    | (567)        |
| TI (TMS) | LM3S328-C2 | [LQFP48]   | (174)        |
| TI (TMS) | LM3S328-C2 | [QFN48]    | (567)        |
| TI (TMS) | LM3S3651   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S3651   | [LQFP64]   | (1199)       |
| TI (TMS) | LM3S3654   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S3654   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S3739   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S3739   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S3748   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S3748   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S3749   | (ISP-JTAG) | (138) (9997) |

|          |            |            |              |
|----------|------------|------------|--------------|
| TI (TMS) | LM3S3749   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S3759   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S3759   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S3768   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S3768   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S3826   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S3826   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S3326   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S3326   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S3N26   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S3N26   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S3W26   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S3W26   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S3Z26   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S3Z26   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S5632   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5632   | [LQFP64]   | (1199)       |
| TI (TMS) | LM3S5652   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5652   | [LQFP64]   | (1199)       |
| TI (TMS) | LM3S5662   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5662   | [LQFP64]   | (1199)       |
| TI (TMS) | LM3S5732   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5732   | [LQFP64]   | (1199)       |
| TI (TMS) | LM3S5737   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5737   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S5739   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5739   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S5747   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5747   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S5749   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5749   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S5752   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5752   | [LQFP64]   | (1199)       |
| TI (TMS) | LM3S5757   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5757   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S5762   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5762   | [LQFP64]   | (1199)       |
| TI (TMS) | LM3S5767   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5767   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S5768   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5768   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S5769   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5769   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S5791   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5791   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5951   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5951   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S5951   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5956   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5956   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S5891   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5891   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S5891   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5C31   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5C31   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S5C31   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5C36   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5C36   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S5C51   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5C51   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S5C51   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5C56   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5C56   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S5D51   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5D51   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S5D51   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5D56   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5D56   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S5D91   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5D91   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S5D91   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5G31   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5G31   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S5G31   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5G36   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5G36   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S5G51   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5G51   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S5G51   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5G56   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5G56   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S5K31   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5K31   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S5K31   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5K36   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5K36   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S5P31   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5P31   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S5P31   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5P36   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5P36   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S5P3B   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5P3B   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5P51   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5P51   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S5P51   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5P56   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5P56   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S5R31   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5R31   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S5R31   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5R36   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5R36   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S5T36   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5T36   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S5U91   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5U91   | [BGA108]   | (2296)       |
| TI (TMS) | LM3S5U91   | [LQFP100]  | (2272)       |
| TI (TMS) | LM3S5Y36   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S5Y36   | [LQFP64]   | (2271)       |
| TI (TMS) | LM3S600    | [LQFP48]   | (174)        |
| TI (TMS) | LM3S600    | [QFN48]    | (567)        |
| TI (TMS) | LM3S600-C2 | [LQFP48]   | (174)        |
| TI (TMS) | LM3S600-C2 | [QFN48]    | (567)        |
| TI (TMS) | LM3S601    | [LQFP48]   | (174)        |
| TI (TMS) | LM3S601    | [QFN48]    | (567)        |
| TI (TMS) | LM3S601-C2 | [LQFP48]   | (174)        |
| TI (TMS) | LM3S601-C2 | [QFN48]    | (567)        |
| TI (TMS) | LM3S608    | [LQFP48]   | (174)        |
| TI (TMS) | LM3S608    | [QFN48]    | (567)        |
| TI (TMS) | LM3S608-C2 | [LQFP48]   | (174)        |
| TI (TMS) | LM3S608-C2 | [QFN48]    | (567)        |
| TI (TMS) | LM3S610    | [LQFP48]   | (174)        |
| TI (TMS) | LM3S610    | [QFN48]    | (567)        |
| TI (TMS) | LM3S6100   | (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S6100   | [BGA108]   | (1221)       |
| TI (TMS) | LM3S6100   | [LQFP100]  | (1200)       |
| TI (TMS) | LM3S610-C2 | [LQFP48]   | (174)        |

|          |                       |              |
|----------|-----------------------|--------------|
| TI (TMS) | LM3S610-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S611 [LQFP48]      | (174)        |
| TI (TMS) | LM3S611 [QFN48]       | (567)        |
| TI (TMS) | LM3S6110 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6110 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6110 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S611-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S611-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S612 [LQFP48]      | (174)        |
| TI (TMS) | LM3S612 [QFN48]       | (567)        |
| TI (TMS) | LM3S612-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S612-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S613 [LQFP48]      | (174)        |
| TI (TMS) | LM3S613 [QFN48]       | (567)        |
| TI (TMS) | LM3S613-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S613-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S615 [LQFP48]      | (174)        |
| TI (TMS) | LM3S615 [QFN48]       | (567)        |
| TI (TMS) | LM3S615-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S615-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S617 [LQFP48]      | (174)        |
| TI (TMS) | LM3S617 [QFN48]       | (567)        |
| TI (TMS) | LM3S617-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S617-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S618 [LQFP48]      | (174)        |
| TI (TMS) | LM3S618 [QFN48]       | (567)        |
| TI (TMS) | LM3S618-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S618-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S628 [LQFP48]      | (174)        |
| TI (TMS) | LM3S628 [QFN48]       | (567)        |
| TI (TMS) | LM3S628-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S628-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S6420 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6420 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6420 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6422 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6422 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6422 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6432 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6432 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6432 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6537 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6537 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6537 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6610 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6610 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6610 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6611 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6611 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6611 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6618 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6618 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6618 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6633 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6633 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6633 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6637 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6637 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6637 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6730 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6730 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6730 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6753 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6753 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6753 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6911 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6911 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6911 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6918 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6918 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6938 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6938 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6938 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6950 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6950 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6950 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6952 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6952 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6952 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6965 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6965 [BGA108]     | (1221)       |
| TI (TMS) | LM3S6965 [LQFP100]    | (1200)       |
| TI (TMS) | LM3S6C11 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6C11 [BGA108]     | (2296)       |
| TI (TMS) | LM3S6C11 [LQFP100]    | (2272)       |
| TI (TMS) | LM3S6C65 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6C65 [BGA108]     | (2296)       |
| TI (TMS) | LM3S6C65 [LQFP100]    | (2272)       |
| TI (TMS) | LM3S6G11 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6G11 [BGA108]     | (2296)       |
| TI (TMS) | LM3S6G11 [LQFP100]    | (2272)       |
| TI (TMS) | LM3S6G65 (ISP-JTAG)   | (138) (9997) |
| TI (TMS) | LM3S6G65 [BGA108]     | (2296)       |
| TI (TMS) | LM3S6G65 [LQFP100]    | (2272)       |
| TI (TMS) | LM3S800 [LQFP48]      | (174)        |
| TI (TMS) | LM3S800 [QFN48]       | (567)        |
| TI (TMS) | LM3S800-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S800-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S801 [LQFP48]      | (174)        |
| TI (TMS) | LM3S801 [QFN48]       | (567)        |
| TI (TMS) | LM3S801-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S801-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S808 (ISP-JTAG)    | (138)        |
| TI (TMS) | LM3S808 [LQFP48]      | (174)        |
| TI (TMS) | LM3S808 [QFN48]       | (567)        |
| TI (TMS) | LM3S808-C2 (ISP-JTAG) | (138)        |
| TI (TMS) | LM3S808-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S808-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S811 (ISP-JTAG)    | (138)        |
| TI (TMS) | LM3S811 [LQFP48]      | (174)        |
| TI (TMS) | LM3S811 [QFN48]       | (567)        |
| TI (TMS) | LM3S811-C2 (ISP-JTAG) | (138)        |
| TI (TMS) | LM3S811-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S811-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S812 [LQFP48]      | (174)        |
| TI (TMS) | LM3S812 [QFN48]       | (567)        |
| TI (TMS) | LM3S812-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S812-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S815 [LQFP48]      | (174)        |
| TI (TMS) | LM3S815 [QFN48]       | (567)        |
| TI (TMS) | LM3S815-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S815-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S817 [LQFP48]      | (174)        |
| TI (TMS) | LM3S817 [QFN48]       | (567)        |
| TI (TMS) | LM3S817-C2 [LQFP48]   | (174)        |
| TI (TMS) | LM3S817-C2 [QFN48]    | (567)        |
| TI (TMS) | LM3S818 [LQFP48]      | (174)        |
| TI (TMS) | LM3S818 [QFN48]       | (567)        |

|          |                     |              |
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| TI (TMS) | LM3S818-C2 [LQFP48] | (174)        |
| TI (TMS) | LM3S818-C2 [QFN48]  | (567)        |
| TI (TMS) | LM3S828 [LQFP48]    | (174)        |
| TI (TMS) | LM3S828 [QFN48]     | (567)        |
| TI (TMS) | LM3S828-C2 [LQFP48] | (174)        |
| TI (TMS) | LM3S828-C2 [QFN48]  | (567)        |
| TI (TMS) | LM3S8530 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8530 [BGA108]   | (1221)       |
| TI (TMS) | LM3S8530 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S8538 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8538 [BGA108]   | (1221)       |
| TI (TMS) | LM3S8538 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S8630 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8630 [BGA108]   | (1221)       |
| TI (TMS) | LM3S8630 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S8730 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8730 [BGA108]   | (1221)       |
| TI (TMS) | LM3S8730 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S8733 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8733 [BGA108]   | (1221)       |
| TI (TMS) | LM3S8733 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S8738 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8738 [BGA108]   | (1221)       |
| TI (TMS) | LM3S8738 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S8930 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8930 [BGA108]   | (1221)       |
| TI (TMS) | LM3S8930 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S8933 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8933 [BGA108]   | (1221)       |
| TI (TMS) | LM3S8933 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S8938 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8938 [BGA108]   | (1221)       |
| TI (TMS) | LM3S8938 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S8962 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8962 [BGA108]   | (1221)       |
| TI (TMS) | LM3S8962 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S8970 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8970 [BGA108]   | (1221)       |
| TI (TMS) | LM3S8970 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S8971 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8971 [BGA108]   | (1221)       |
| TI (TMS) | LM3S8971 [LQFP100]  | (1200)       |
| TI (TMS) | LM3S8C62 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8C62 [BGA108]   | (2296)       |
| TI (TMS) | LM3S8C62 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S8G62 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S8G62 [BGA108]   | (2296)       |
| TI (TMS) | LM3S8G62 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9781 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9781 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9781 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9790 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9790 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9790 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9791 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9792 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9792 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9792 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9971 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9971 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9997 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9997 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9997 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9B81 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9B81 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9B81 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9B90 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9B90 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9B90 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9B92 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9B92 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9B92 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9B95 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9B95 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9B95 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9B96 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9B96 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9B96 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9B92 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9B92 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9B92 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9B95 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9B95 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9B95 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9B96 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9B96 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9B96 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9C97 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9C97 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9C97 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9CN5 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9CN5 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9CN5 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9D81 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9D81 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9D81 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9D90 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9D90 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9D90 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9D92 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9D92 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9D92 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9D96 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9D96 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9D96 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9DN5 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9DN5 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9DN5 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9DN6 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9DN6 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9DN6 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9G97 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9G97 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9G97 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9GN5 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9GN5 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9GN5 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9L71 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9L71 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9L71 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9L97 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9L97 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9L97 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9U81 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9U81 [BGA108]   | (2296)       |
| TI (TMS) | LM3S9U81 [LQFP100]  | (2272)       |
| TI (TMS) | LM3S9U90 (ISP-JTAG) | (138) (9997) |
| TI (TMS) | LM3S9U90 [BGA108]   | (2296)       |

|          |           |                     |              |
|----------|-----------|---------------------|--------------|
| TI (TMS) | LM3S9U90  | [LQFP100]           | (2272)       |
| TI (TMS) | LM3S9U92  | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM3S9U92  | [BGA108]            | (2296)       |
| TI (TMS) | LM3S9U92  | [LQFP100]           | (2272)       |
| TI (TMS) | LM3S9U95  | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM3S9U95  | [BGA108]            | (2296)       |
| TI (TMS) | LM3S9U95  | [LQFP100]           | (2272)       |
| TI (TMS) | LM3S9U96  | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM3S9U96  | [BGA108]            | (2296)       |
| TI (TMS) | LM3S9U96  | [LQFP100]           | (2272)       |
| TI (TMS) | LM4F110B2 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F110B2 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F110C4 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F110C4 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F110E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F110E5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F110H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F110H5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F111B2 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F111B2 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F111C4 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F111C4 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F111E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F111E5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F111H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F111H5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F112C4 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F112C4 | [LQFP100]           | (2734)       |
| TI (TMS) | LM4F112E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F112E5 | [LQFP100]           | (2734)       |
| TI (TMS) | LM4F112H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F112H5 | [LQFP100]           | (2734)       |
| TI (TMS) | LM4F112H5 | [LQFP144]           | (2735)       |
| TI (TMS) | LM4F120B2 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F120B2 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F120C4 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F120C4 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F120E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F120E5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F120H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F120H5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F121B2 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F121B2 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F121C4 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F121C4 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F121E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F121E5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F121H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F121H5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F122C4 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F122C4 | [LQFP100]           | (2734)       |
| TI (TMS) | LM4F122E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F122E5 | [LQFP100]           | (2734)       |
| TI (TMS) | LM4F122H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F122H5 | [LQFP100]           | (2734)       |
| TI (TMS) | LM4F122H5 | [LQFP144]           | (2735)       |
| TI (TMS) | LM4F130C4 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F130C4 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F130E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F130E5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F130H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F130H5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F131C4 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F131C4 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F131E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F131E5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F131H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F131H5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F132C4 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F132C4 | [LQFP100]           | (2734)       |
| TI (TMS) | LM4F132E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F132E5 | [LQFP100]           | (2734)       |
| TI (TMS) | LM4F132H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F132H5 | [LQFP100]           | (2734)       |
| TI (TMS) | LM4F132H5 | [LQFP144]           | (2735)       |
| TI (TMS) | LM4F210E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F210E5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F210H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F210H5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F211E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F211E5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F211H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F211H5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F212E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F212E5 | [LQFP100]           | (2734)       |
| TI (TMS) | LM4F212H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F212H5 | [BGA157]            | (2955)       |
| TI (TMS) | LM4F212H5 | [LQFP100]           | (2734)       |
| TI (TMS) | LM4F212H5 | [LQFP144]           | (2735)       |
| TI (TMS) | LM4F230E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F230E5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F230H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F230H5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F231E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F231E5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F231H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F231H5 | [LQFP64]            | (2733)       |
| TI (TMS) | LM4F232E5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F232E5 | [LQFP100]           | (2734)       |
| TI (TMS) | LM4F232H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LM4F232H5 | [BGA157]            | (2955)       |
| TI (TMS) | LM4F232H5 | [LQFP100]           | (2734)       |
| TI (TMS) | LM4F232H5 | [LQFP144]           | (2735)       |
| TI (TMS) | LM4FSXHH5 | [BGA157]            | (2955)       |
| TI (TMS) | LMK03328  | [WQFN48]            | (4644)       |
| TI (TMS) | LX4F230H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LX4F230H5 | [LQFP64]            | (2733)       |
| TI (TMS) | LX4F232H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LX4F232H5 | [LQFP100]           | (2734)       |
| TI (TMS) | LX4FS11H5 | (ISP-JTAG)          | (138) (9997) |
| TI (TMS) | LX4FS11H5 | [BGA157]            | (2955)       |
| TI (TMS) | MSC1200Y2 | (new rev.) [TQFP48] | (174)        |
| TI (TMS) | MSC1200Y2 | (old rev.) [TQFP48] | (962)        |
| TI (TMS) | MSC1200Y3 | (new rev.) [TQFP48] | (174)        |
| TI (TMS) | MSC1200Y3 | (old rev.) [TQFP48] | (962)        |
| TI (TMS) | MSC1201Y2 | [QFN36]             | (1076)       |
| TI (TMS) | MSC1201Y3 | [QFN36]             | (1076)       |
| TI (TMS) | MSC1202Y2 | [QFN36]             | (1076)       |
| TI (TMS) | MSC1202Y3 | [QFN36]             | (1076)       |
| TI (TMS) | MSC1210Y2 | (ISP)               | (138)        |
| TI (TMS) | MSC1210Y2 | [TQFP64]            | (158)        |
| TI (TMS) | MSC1210Y3 | (ISP)               | (138)        |
| TI (TMS) | MSC1210Y3 | [TQFP64]            | (158)        |
| TI (TMS) | MSC1210Y4 | (ISP)               | (138)        |
| TI (TMS) | MSC1210Y4 | [TQFP64]            | (158)        |
| TI (TMS) | MSC1210Y5 | (ISP)               | (138)        |
| TI (TMS) | MSC1210Y5 | [TQFP64]            | (158)        |
| TI (TMS) | MSC1211Y2 | (ISP)               | (138)        |

|          |              |                  |        |
|----------|--------------|------------------|--------|
| TI (TMS) | MSC1211Y2    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1211Y3    | (ISP)            | (138)  |
| TI (TMS) | MSC1211Y3    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1211Y4    | (ISP)            | (138)  |
| TI (TMS) | MSC1211Y4    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1211Y5    | (ISP)            | (138)  |
| TI (TMS) | MSC1211Y5    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1212Y2    | (ISP)            | (138)  |
| TI (TMS) | MSC1212Y2    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1212Y3    | (ISP)            | (138)  |
| TI (TMS) | MSC1212Y3    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1212Y4    | (ISP)            | (138)  |
| TI (TMS) | MSC1212Y4    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1212Y5    | (ISP)            | (138)  |
| TI (TMS) | MSC1212Y5    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1213Y2    | (ISP)            | (138)  |
| TI (TMS) | MSC1213Y2    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1213Y3    | (ISP)            | (138)  |
| TI (TMS) | MSC1213Y3    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1213Y4    | (ISP)            | (138)  |
| TI (TMS) | MSC1213Y4    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1213Y5    | (ISP)            | (138)  |
| TI (TMS) | MSC1213Y5    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1214Y2    | (ISP)            | (138)  |
| TI (TMS) | MSC1214Y2    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1214Y3    | (ISP)            | (138)  |
| TI (TMS) | MSC1214Y3    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1214Y4    | (ISP)            | (138)  |
| TI (TMS) | MSC1214Y4    | [TQFP64]         | (158)  |
| TI (TMS) | MSC1214Y5    | (ISP)            | (138)  |
| TI (TMS) | MSC1214Y5    | [TQFP64]         | (158)  |
| TI (TMS) | MSP430AFE221 | [TSSOP24] (JTAG) | (1090) |
| TI (TMS) | MSP430AFE222 | [TSSOP24] (JTAG) | (1090) |
| TI (TMS) | MSP430AFE223 | [TSSOP24] (JTAG) | (1090) |
| TI (TMS) | MSP430AFE231 | [TSSOP24] (JTAG) | (1090) |
| TI (TMS) | MSP430AFE232 | [TSSOP24] (JTAG) | (1090) |
| TI (TMS) | MSP430AFE233 | [TSSOP24] (JTAG) | (1090) |
| TI (TMS) | MSP430AFE251 | [TSSOP24] (JTAG) | (1090) |
| TI (TMS) | MSP430AFE252 | [TSSOP24] (JTAG) | (1090) |
| TI (TMS) | MSP430AFE253 | [TSSOP24] (JTAG) | (1090) |
| TI (TMS) | MSP430BT5190 | [LQFP100] (JTAG) | (1519) |
| TI (TMS) | MSP430CG4616 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430CG4616 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430CG4616 | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430CG4616 | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430CG4617 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430CG4617 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430CG4617 | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430CG4617 | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430CG4618 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430CG4618 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430CG4618 | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430CG4618 | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430CG4619 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430CG4619 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430CG4619 | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430CG4619 | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F110   | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F110   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F110   | [SOWB20] (BSL)   | (119)  |
| TI (TMS) | MSP430F110   | [SOWB20] (JTAG)  | (119)  |
| TI (TMS) | MSP430F110   | [TSSOP20] (BSL)  | (1089) |
| TI (TMS) | MSP430F110   | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430F1101  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F1101  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F1101  | [SOWB20] (BSL)   | (119)  |
| TI (TMS) | MSP430F1101  | [SOWB20] (JTAG)  | (119)  |
| TI (TMS) | MSP430F1101  | [TSSOP20] (BSL)  | (1089) |
| TI (TMS) | MSP430F1101  | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430F1101A | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F1101A | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F1101A | [QFN24] (BSL)    | (731)  |
| TI (TMS) | MSP430F1101A | [QFN24] (JTAG)   | (731)  |
| TI (TMS) | MSP430F1101A | [SOWB20] (BSL)   | (119)  |
| TI (TMS) | MSP430F1101A | [SOWB20] (JTAG)  | (119)  |
| TI (TMS) | MSP430F1101A | [TSSOP20] (BSL)  | (1089) |
| TI (TMS) | MSP430F1101A | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430F1101A | [TVSOP20] (BSL)  | (700)  |
| TI (TMS) | MSP430F1101A | [TVSOP20] (JTAG) | (700)  |
| TI (TMS) | MSP430F1111A | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F1111A | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F1111A | [QFN24] (BSL)    | (731)  |
| TI (TMS) | MSP430F1111A | [QFN24] (JTAG)   | (731)  |
| TI (TMS) | MSP430F1111A | [SOWB20] (BSL)   | (119)  |
| TI (TMS) | MSP430F1111A | [SOWB20] (JTAG)  | (119)  |
| TI (TMS) | MSP430F1111A | [TSSOP20] (BSL)  | (1089) |
| TI (TMS) | MSP430F1111A | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430F1111A | [TVSOP20] (BSL)  | (700)  |
| TI (TMS) | MSP430F1111A | [TVSOP20] (JTAG) | (700)  |
| TI (TMS) | MSP430F112   | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F112   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F112   | [SOWB20] (BSL)   | (119)  |
| TI (TMS) | MSP430F112   | [SOWB20] (JTAG)  | (119)  |
| TI (TMS) | MSP430F112   | [TSSOP20] (BSL)  | (1089) |
| TI (TMS) | MSP430F112   | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430F1121  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F1121  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F1121  | [SOWB20] (BSL)   | (119)  |
| TI (TMS) | MSP430F1121  | [SOWB20] (JTAG)  | (119)  |
| TI (TMS) | MSP430F1121  | [TSSOP20] (BSL)  | (1089) |
| TI (TMS) | MSP430F1121  | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430F1121A | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F1121A | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F1121A | [QFN24] (BSL)    | (731)  |
| TI (TMS) | MSP430F1121A | [QFN24] (JTAG)   | (731)  |
| TI (TMS) | MSP430F1121A | [SOWB20] (BSL)   | (119)  |
| TI (TMS) | MSP430F1121A | [SOWB20] (JTAG)  | (119)  |
| TI (TMS) | MSP430F1121A | [TSSOP20] (BSL)  | (1089) |
| TI (TMS) | MSP430F1121A | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430F1121A | [TVSOP20] (BSL)  | (700)  |
| TI (TMS) | MSP430F1121A | [TVSOP20] (JTAG) | (700)  |
| TI (TMS) | MSP430F1122  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F1122  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F1122  | [QFN32] (BSL)    | (221)  |
| TI (TMS) | MSP430F1122  | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430F1122  | [SOWB20] (BSL)   | (119)  |
| TI (TMS) | MSP430F1122  | [SOWB20] (JTAG)  | (119)  |
| TI (TMS) | MSP430F1122  | [TSSOP20] (BSL)  | (1089) |
| TI (TMS) | MSP430F1122  | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430F1132  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F1132  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F1132  | [QFN32] (BSL)    | (221)  |
| TI (TMS) | MSP430F1132  | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430F1132  | [SOWB20] (BSL)   | (119)  |
| TI (TMS) | MSP430F1132  | [SOWB20] (JTAG)  | (119)  |
| TI (TMS) | MSP430F1132  | [TSSOP20] (BSL)  | (1089) |
| TI (TMS) | MSP430F1132  | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430F122   | (ISP-BSL)        | (138)  |



|          |             |                  |       |
|----------|-------------|------------------|-------|
| TI (TMS) | MSP430F122  | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F122  | [QFN32] (BSL)    | (221) |
| TI (TMS) | MSP430F122  | [QFN32] (JTAG)   | (221) |
| TI (TMS) | MSP430F122  | [SOWB28] (BSL)   | (51)  |
| TI (TMS) | MSP430F122  | [SOWB28] (JTAG)  | (51)  |
| TI (TMS) | MSP430F122  | [TSSOP28] (BSL)  | (172) |
| TI (TMS) | MSP430F122  | [TSSOP28] (JTAG) | (172) |
| TI (TMS) | MSP430F1222 | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F1222 | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F1222 | [QFN32] (BSL)    | (221) |
| TI (TMS) | MSP430F1222 | [QFN32] (JTAG)   | (221) |
| TI (TMS) | MSP430F1222 | [SOWB28] (BSL)   | (51)  |
| TI (TMS) | MSP430F1222 | [SOWB28] (JTAG)  | (51)  |
| TI (TMS) | MSP430F1222 | [TSSOP28] (BSL)  | (172) |
| TI (TMS) | MSP430F1222 | [TSSOP28] (JTAG) | (172) |
| TI (TMS) | MSP430F123  | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F123  | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F123  | [QFN32] (BSL)    | (221) |
| TI (TMS) | MSP430F123  | [QFN32] (JTAG)   | (221) |
| TI (TMS) | MSP430F123  | [SOWB28] (BSL)   | (51)  |
| TI (TMS) | MSP430F123  | [SOWB28] (JTAG)  | (51)  |
| TI (TMS) | MSP430F123  | [TSSOP28] (BSL)  | (172) |
| TI (TMS) | MSP430F123  | [TSSOP28] (JTAG) | (172) |
| TI (TMS) | MSP430F1232 | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F1232 | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F1232 | [QFN32] (BSL)    | (221) |
| TI (TMS) | MSP430F1232 | [QFN32] (JTAG)   | (221) |
| TI (TMS) | MSP430F1232 | [SOWB28] (BSL)   | (51)  |
| TI (TMS) | MSP430F1232 | [SOWB28] (JTAG)  | (51)  |
| TI (TMS) | MSP430F1232 | [TSSOP28] (BSL)  | (172) |
| TI (TMS) | MSP430F1232 | [TSSOP28] (JTAG) | (172) |
| TI (TMS) | MSP430F133  | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F133  | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F133  | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F133  | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F133  | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F133  | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F133  | [TQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F133  | [TQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F135  | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F135  | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F135  | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F135  | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F135  | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F135  | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F135  | [TQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F135  | [TQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F147  | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F147  | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F147  | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F147  | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F147  | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F147  | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F147  | [TQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F147  | [TQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F1471 | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F1471 | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F1471 | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F1471 | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F1471 | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F1471 | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F148  | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F148  | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F148  | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F148  | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F148  | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F148  | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F148  | [TQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F148  | [TQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F1481 | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F1481 | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F1481 | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F1481 | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F1481 | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F1481 | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F149  | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F149  | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F149  | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F149  | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F149  | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F149  | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F149  | [TQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F149  | [TQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F1491 | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F1491 | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F1491 | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F1491 | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F1491 | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F1491 | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F155  | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F155  | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F155  | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F155  | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F155  | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F155  | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F156  | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F156  | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F156  | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F156  | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F156  | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F156  | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F157  | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F157  | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F157  | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F157  | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F157  | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F157  | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F1610 | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F1610 | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F1610 | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F1610 | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F1610 | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F1610 | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F1611 | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F1611 | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F1611 | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F1611 | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F1611 | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F1611 | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F1612 | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F1612 | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F1612 | [LQFP64] (BSL)   | (180) |
| TI (TMS) | MSP430F1612 | [LQFP64] (JTAG)  | (180) |
| TI (TMS) | MSP430F1612 | [QFN64] (BSL)    | (593) |
| TI (TMS) | MSP430F1612 | [QFN64] (JTAG)   | (593) |
| TI (TMS) | MSP430F167  | (ISP-BSL)        | (138) |
| TI (TMS) | MSP430F167  | (ISP-JTAG)       | (138) |
| TI (TMS) | MSP430F167  | [LQFP64] (BSL)   | (180) |

|          |             |                    |               |
|----------|-------------|--------------------|---------------|
| TI (TMS) | MSP430F167  | [LQFP64] (JTAG)    | (180)         |
| TI (TMS) | MSP430F167  | [QFN64] (BSL)      | (593)         |
| TI (TMS) | MSP430F167  | [QFN64] (JTAG)     | (593)         |
| TI (TMS) | MSP430F168  | (ISP-BSL)          | (138)         |
| TI (TMS) | MSP430F168  | (ISP-JTAG)         | (138)         |
| TI (TMS) | MSP430F168  | [LQFP64] (BSL)     | (180)         |
| TI (TMS) | MSP430F168  | [LQFP64] (JTAG)    | (180)         |
| TI (TMS) | MSP430F168  | [QFN64] (BSL)      | (593)         |
| TI (TMS) | MSP430F168  | [QFN64] (JTAG)     | (593)         |
| TI (TMS) | MSP430F169  | (ISP-BSL)          | (138)         |
| TI (TMS) | MSP430F169  | (ISP-JTAG)         | (138)         |
| TI (TMS) | MSP430F169  | [LQFP64] (BSL)     | (180)         |
| TI (TMS) | MSP430F169  | [LQFP64] (JTAG)    | (180)         |
| TI (TMS) | MSP430F169  | [QFN64] (BSL)      | (593)         |
| TI (TMS) | MSP430F169  | [QFN64] (JTAG)     | (593)         |
| TI (TMS) | MSP430F2001 |                    |               |
| TI (TMS) | MSP430F2001 | (ISP-4wire JTAG)   | (138)         |
| TI (TMS) | MSP430F2001 | (ISP-SBW)          | (138)         |
| TI (TMS) | MSP430F2001 | [QFN16]            | (883)         |
| TI (TMS) | MSP430F2001 | [TSSOP14]          | (1087)        |
| TI (TMS) | MSP430F2002 |                    |               |
| TI (TMS) | MSP430F2002 | (ISP-4wire JTAG)   | (138)         |
| TI (TMS) | MSP430F2002 | (ISP-SBW)          | (138)         |
| TI (TMS) | MSP430F2002 | [QFN16]            | (883)         |
| TI (TMS) | MSP430F2002 | [TSSOP14]          | (1087)        |
| TI (TMS) | MSP430F2003 |                    |               |
| TI (TMS) | MSP430F2003 | (ISP-4wire JTAG)   | (138)         |
| TI (TMS) | MSP430F2003 | (ISP-SBW)          | (138)         |
| TI (TMS) | MSP430F2003 | [QFN16]            | (883)         |
| TI (TMS) | MSP430F2003 | [TSSOP14]          | (1087)        |
| TI (TMS) | MSP430F2011 |                    |               |
| TI (TMS) | MSP430F2011 | (BYD-01)           | (9999)        |
| TI (TMS) | MSP430F2011 | (ISP-4wire JTAG)   | (138)         |
| TI (TMS) | MSP430F2011 | (ISP-SBW)          | (138)         |
| TI (TMS) | MSP430F2011 | [QFN16]            | (883)         |
| TI (TMS) | MSP430F2011 | [QFN16] (BYD-01)   | (883) (9999)  |
| TI (TMS) | MSP430F2011 | [TSSOP14]          | (1087)        |
| TI (TMS) | MSP430F2011 | [TSSOP14] (BYD-01) | (1087) (9999) |
| TI (TMS) | MSP430F2012 |                    |               |
| TI (TMS) | MSP430F2012 | (ISP-4wire JTAG)   | (138)         |
| TI (TMS) | MSP430F2012 | (ISP-SBW)          | (138)         |
| TI (TMS) | MSP430F2012 | [QFN16]            | (883)         |
| TI (TMS) | MSP430F2012 | [TSSOP14]          | (1087)        |
| TI (TMS) | MSP430F2013 |                    |               |
| TI (TMS) | MSP430F2013 | (ISP-4wire JTAG)   | (138)         |
| TI (TMS) | MSP430F2013 | (ISP-SBW)          | (138)         |
| TI (TMS) | MSP430F2013 | [QFN16]            | (883)         |
| TI (TMS) | MSP430F2013 | [TSSOP14]          | (1087)        |
| TI (TMS) | MSP430F2101 | (ISP-BSL)          | (138)         |
| TI (TMS) | MSP430F2101 | (ISP-JTAG)         | (138)         |
| TI (TMS) | MSP430F2101 | [QFN24] (BSL)      | (731)         |
| TI (TMS) | MSP430F2101 | [QFN24] (JTAG)     | (731)         |
| TI (TMS) | MSP430F2101 | [SOWB20] (BSL)     | (119)         |
| TI (TMS) | MSP430F2101 | [SOWB20] (JTAG)    | (119)         |
| TI (TMS) | MSP430F2101 | [TSSOP20] (BSL)    | (1089)        |
| TI (TMS) | MSP430F2101 | [TSSOP20] (JTAG)   | (1089)        |
| TI (TMS) | MSP430F2101 | [TVSOP20] (BSL)    | (700)         |
| TI (TMS) | MSP430F2101 | [TVSOP20] (JTAG)   | (700)         |
| TI (TMS) | MSP430F2111 | (ISP-BSL)          | (138)         |
| TI (TMS) | MSP430F2111 | (ISP-JTAG)         | (138)         |
| TI (TMS) | MSP430F2111 | [QFN24] (BSL)      | (731)         |
| TI (TMS) | MSP430F2111 | [QFN24] (JTAG)     | (731)         |
| TI (TMS) | MSP430F2111 | [SOWB20] (BSL)     | (119)         |
| TI (TMS) | MSP430F2111 | [SOWB20] (JTAG)    | (119)         |
| TI (TMS) | MSP430F2111 | [TSSOP20] (BSL)    | (1089)        |
| TI (TMS) | MSP430F2111 | [TSSOP20] (JTAG)   | (1089)        |
| TI (TMS) | MSP430F2111 | [TVSOP20] (BSL)    | (700)         |
| TI (TMS) | MSP430F2111 | [TVSOP20] (JTAG)   | (700)         |
| TI (TMS) | MSP430F2112 | (ISP-4wire JTAG)   | (138)         |
| TI (TMS) | MSP430F2112 | (ISP-BSL)          | (138)         |
| TI (TMS) | MSP430F2112 | (ISP-SBW)          | (138)         |
| TI (TMS) | MSP430F2112 | [QFN32] (BSL)      | (221)         |
| TI (TMS) | MSP430F2112 | [QFN32] (JTAG)     | (221)         |
| TI (TMS) | MSP430F2112 | [TSSOP28] (BSL)    | (172)         |
| TI (TMS) | MSP430F2112 | [TSSOP28] (JTAG)   | (172)         |
| TI (TMS) | MSP430F2121 | (ISP-BSL)          | (138)         |
| TI (TMS) | MSP430F2121 | (ISP-JTAG)         | (138)         |
| TI (TMS) | MSP430F2121 | [QFN24] (BSL)      | (731)         |
| TI (TMS) | MSP430F2121 | [QFN24] (JTAG)     | (731)         |
| TI (TMS) | MSP430F2121 | [SOWB20] (BSL)     | (119)         |
| TI (TMS) | MSP430F2121 | [SOWB20] (JTAG)    | (119)         |
| TI (TMS) | MSP430F2121 | [TSSOP20] (BSL)    | (1089)        |
| TI (TMS) | MSP430F2121 | [TSSOP20] (JTAG)   | (1089)        |
| TI (TMS) | MSP430F2121 | [TVSOP20] (BSL)    | (700)         |
| TI (TMS) | MSP430F2121 | [TVSOP20] (JTAG)   | (700)         |
| TI (TMS) | MSP430F2122 | (ISP-4wire JTAG)   | (138)         |
| TI (TMS) | MSP430F2122 | (ISP-BSL)          | (138)         |
| TI (TMS) | MSP430F2122 | (ISP-SBW)          | (138)         |
| TI (TMS) | MSP430F2122 | [QFN32] (BSL)      | (221)         |
| TI (TMS) | MSP430F2122 | [QFN32] (JTAG)     | (221)         |
| TI (TMS) | MSP430F2122 | [TSSOP28] (BSL)    | (172)         |
| TI (TMS) | MSP430F2122 | [TSSOP28] (JTAG)   | (172)         |
| TI (TMS) | MSP430F2131 | (ISP-BSL)          | (138)         |
| TI (TMS) | MSP430F2131 | (ISP-JTAG)         | (138)         |
| TI (TMS) | MSP430F2131 | [QFN24] (BSL)      | (731)         |
| TI (TMS) | MSP430F2131 | [QFN24] (JTAG)     | (731)         |
| TI (TMS) | MSP430F2131 | [SOWB20] (BSL)     | (119)         |
| TI (TMS) | MSP430F2131 | [SOWB20] (JTAG)    | (119)         |
| TI (TMS) | MSP430F2131 | [TSSOP20] (BSL)    | (1089)        |
| TI (TMS) | MSP430F2131 | [TSSOP20] (JTAG)   | (1089)        |
| TI (TMS) | MSP430F2131 | [TVSOP20] (BSL)    | (700)         |
| TI (TMS) | MSP430F2131 | [TVSOP20] (JTAG)   | (700)         |
| TI (TMS) | MSP430F2132 | (ISP-4wire JTAG)   | (138)         |
| TI (TMS) | MSP430F2132 | (ISP-BSL)          | (138)         |
| TI (TMS) | MSP430F2132 | (ISP-SBW)          | (138)         |
| TI (TMS) | MSP430F2132 | [QFN32] (BSL)      | (221)         |
| TI (TMS) | MSP430F2132 | [QFN32] (JTAG)     | (221)         |
| TI (TMS) | MSP430F2132 | [TSSOP28] (BSL)    | (172)         |
| TI (TMS) | MSP430F2132 | [TSSOP28] (JTAG)   | (172)         |
| TI (TMS) | MSP430F2232 | (ISP-4wire JTAG)   | (138)         |
| TI (TMS) | MSP430F2232 | (ISP-BSL)          | (138)         |
| TI (TMS) | MSP430F2232 | (ISP-SBW)          | (138)         |
| TI (TMS) | MSP430F2232 | [DSBGA49] (BSL)    | (3461)        |
| TI (TMS) | MSP430F2232 | [DSBGA49] (JTAG)   | (3461)        |
| TI (TMS) | MSP430F2232 | [QFN40] (BSL)      | (885)         |
| TI (TMS) | MSP430F2232 | [QFN40] (JTAG)     | (885)         |
| TI (TMS) | MSP430F2232 | [TSSOP38] (BSL)    | (505)         |
| TI (TMS) | MSP430F2232 | [TSSOP38] (JTAG)   | (505)         |
| TI (TMS) | MSP430F2234 | (ISP-4wire JTAG)   | (138)         |
| TI (TMS) | MSP430F2234 | (ISP-BSL)          | (138)         |
| TI (TMS) | MSP430F2234 | (ISP-SBW)          | (138)         |
| TI (TMS) | MSP430F2234 | [DSBGA49] (BSL)    | (3461)        |
| TI (TMS) | MSP430F2234 | [DSBGA49] (JTAG)   | (3461)        |
| TI (TMS) | MSP430F2234 | [QFN40] (BSL)      | (885)         |
| TI (TMS) | MSP430F2234 | [QFN40] (JTAG)     | (885)         |
| TI (TMS) | MSP430F2234 | [TSSOP38] (BSL)    | (505)         |
| TI (TMS) | MSP430F2234 | [TSSOP38] (JTAG)   | (505)         |
| TI (TMS) | MSP430F2252 | (ISP-4wire JTAG)   | (138)         |

|          |                |                  |        |
|----------|----------------|------------------|--------|
| TI (TMS) | MSP430F2252    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2252    | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430F2252    | [DSBGA49] (BSL)  | (3461) |
| TI (TMS) | MSP430F2252    | [DSBGA49] (JTAG) | (3461) |
| TI (TMS) | MSP430F2252    | [QFN40] (BSL)    | (885)  |
| TI (TMS) | MSP430F2252    | [QFN40] (JTAG)   | (885)  |
| TI (TMS) | MSP430F2252    | [TSSOP38] (BSL)  | (505)  |
| TI (TMS) | MSP430F2252    | [TSSOP38] (JTAG) | (505)  |
| TI (TMS) | MSP430F2254    | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430F2254    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2254    | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430F2254    | [DSBGA49] (BSL)  | (3461) |
| TI (TMS) | MSP430F2254    | [DSBGA49] (JTAG) | (3461) |
| TI (TMS) | MSP430F2254    | [QFN40] (BSL)    | (885)  |
| TI (TMS) | MSP430F2254    | [QFN40] (JTAG)   | (885)  |
| TI (TMS) | MSP430F2254    | [TSSOP38] (BSL)  | (505)  |
| TI (TMS) | MSP430F2254    | [TSSOP38] (JTAG) | (505)  |
| TI (TMS) | MSP430F2272    | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430F2272    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2272    | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430F2272    | [DSBGA49] (BSL)  | (3461) |
| TI (TMS) | MSP430F2272    | [DSBGA49] (JTAG) | (3461) |
| TI (TMS) | MSP430F2272    | [QFN40] (BSL)    | (885)  |
| TI (TMS) | MSP430F2272    | [QFN40] (JTAG)   | (885)  |
| TI (TMS) | MSP430F2272    | [TSSOP38] (BSL)  | (505)  |
| TI (TMS) | MSP430F2272    | [TSSOP38] (JTAG) | (505)  |
| TI (TMS) | MSP430F2274    | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430F2274    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2274    | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430F2274    | [DSBGA49] (BSL)  | (3461) |
| TI (TMS) | MSP430F2274    | [DSBGA49] (JTAG) | (3461) |
| TI (TMS) | MSP430F2274    | [QFN40] (BSL)    | (885)  |
| TI (TMS) | MSP430F2274    | [QFN40] (JTAG)   | (885)  |
| TI (TMS) | MSP430F2274    | [TSSOP38] (BSL)  | (505)  |
| TI (TMS) | MSP430F2274    | [TSSOP38] (JTAG) | (505)  |
| TI (TMS) | MSP430F2274-EP | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430F2274-EP | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2274-EP | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430F2274-EP | [QFN40] (BSL)    | (885)  |
| TI (TMS) | MSP430F2274-EP | [QFN40] (JTAG)   | (885)  |
| TI (TMS) | MSP430F233     | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F233     | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F233     | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F233     | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F233     | [QFN64] (BSL)    | (593)  |
| TI (TMS) | MSP430F233     | [QFN64] (JTAG)   | (593)  |
| TI (TMS) | MSP430F2330    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2330    | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2330    | [QFN40] (BSL)    | (885)  |
| TI (TMS) | MSP430F2330    | [QFN40] (JTAG)   | (885)  |
| TI (TMS) | MSP430F235     | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F235     | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F235     | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F235     | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F235     | [QFN64] (BSL)    | (593)  |
| TI (TMS) | MSP430F235     | [QFN64] (JTAG)   | (593)  |
| TI (TMS) | MSP430F2350    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2350    | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2350    | [QFN40] (BSL)    | (885)  |
| TI (TMS) | MSP430F2350    | [QFN40] (JTAG)   | (885)  |
| TI (TMS) | MSP430F2370    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2370    | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2370    | [QFN40] (BSL)    | (885)  |
| TI (TMS) | MSP430F2370    | [QFN40] (JTAG)   | (885)  |
| TI (TMS) | MSP430F2410    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2410    | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2410    | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F2410    | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F2410    | [QFN64] (BSL)    | (593)  |
| TI (TMS) | MSP430F2410    | [QFN64] (JTAG)   | (593)  |
| TI (TMS) | MSP430F2416    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2416    | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2416    | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F2416    | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F2416    | [LQFP80] (BSL)   | (1108) |
| TI (TMS) | MSP430F2416    | [LQFP80] (JTAG)  | (1108) |
| TI (TMS) | MSP430F2417    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2417    | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2417    | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F2417    | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F2417    | [LQFP80] (BSL)   | (1108) |
| TI (TMS) | MSP430F2417    | [LQFP80] (JTAG)  | (1108) |
| TI (TMS) | MSP430F2418    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2418    | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2418    | [BGA113] (BSL)   | (4883) |
| TI (TMS) | MSP430F2418    | [BGA113] (JTAG)  | (4883) |
| TI (TMS) | MSP430F2418    | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F2418    | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F2418    | [LQFP80] (BSL)   | (1108) |
| TI (TMS) | MSP430F2418    | [LQFP80] (JTAG)  | (1108) |
| TI (TMS) | MSP430F2419    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2419    | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2419    | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F2419    | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F2419    | [LQFP80] (BSL)   | (1108) |
| TI (TMS) | MSP430F2419    | [LQFP80] (JTAG)  | (1108) |
| TI (TMS) | MSP430F247     | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F247     | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F247     | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F247     | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F247     | [QFN64] (BSL)    | (593)  |
| TI (TMS) | MSP430F247     | [QFN64] (JTAG)   | (593)  |
| TI (TMS) | MSP430F2471    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2471    | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2471    | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F2471    | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F2471    | [QFN64] (BSL)    | (593)  |
| TI (TMS) | MSP430F2471    | [QFN64] (JTAG)   | (593)  |
| TI (TMS) | MSP430F248     | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F248     | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F248     | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F248     | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F248     | [QFN64] (BSL)    | (593)  |
| TI (TMS) | MSP430F248     | [QFN64] (JTAG)   | (593)  |
| TI (TMS) | MSP430F2481    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2481    | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2481    | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F2481    | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F2481    | [QFN64] (BSL)    | (593)  |
| TI (TMS) | MSP430F2481    | [QFN64] (JTAG)   | (593)  |
| TI (TMS) | MSP430F249     | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F249     | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F249     | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F249     | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F249     | [QFN64] (BSL)    | (593)  |
| TI (TMS) | MSP430F249     | [QFN64] (JTAG)   | (593)  |
| TI (TMS) | MSP430F2491    | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2491    | (ISP-JTAG)       | (138)  |

|          |             |                  |        |
|----------|-------------|------------------|--------|
| TI (TMS) | MSP430F2491 | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F2491 | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F2491 | [QFN64] (BSL)    | (593)  |
| TI (TMS) | MSP430F2491 | [QFN64] (JTAG)   | (593)  |
| TI (TMS) | MSP430F2616 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2616 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2616 | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F2616 | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F2616 | [LQFP80] (BSL)   | (1108) |
| TI (TMS) | MSP430F2616 | [LQFP80] (JTAG)  | (1108) |
| TI (TMS) | MSP430F2617 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2617 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2617 | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F2617 | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F2617 | [LQFP80] (BSL)   | (1108) |
| TI (TMS) | MSP430F2617 | [LQFP80] (JTAG)  | (1108) |
| TI (TMS) | MSP430F2618 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2618 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2618 | [BGA113] (BSL)   | (4883) |
| TI (TMS) | MSP430F2618 | [BGA113] (JTAG)  | (4883) |
| TI (TMS) | MSP430F2618 | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F2618 | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F2618 | [LQFP80] (BSL)   | (1108) |
| TI (TMS) | MSP430F2618 | [LQFP80] (JTAG)  | (1108) |
| TI (TMS) | MSP430F2619 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F2619 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F2619 | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F2619 | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F2619 | [LQFP80] (BSL)   | (1108) |
| TI (TMS) | MSP430F2619 | [LQFP80] (JTAG)  | (1108) |
| TI (TMS) | MSP430F412  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F412  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F412  | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F412  | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F412  | [QFN64] (BSL)    | (593)  |
| TI (TMS) | MSP430F412  | [QFN64] (JTAG)   | (593)  |
| TI (TMS) | MSP430F413  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F413  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F413  | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F413  | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F413  | [QFN64] (BSL)    | (593)  |
| TI (TMS) | MSP430F413  | [QFN64] (JTAG)   | (593)  |
| TI (TMS) | MSP430F4132 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430F4132 | [LQFP64] (BSL)   | (1542) |
| TI (TMS) | MSP430F4132 | [LQFP64] (JTAG)  | (1542) |
| TI (TMS) | MSP430F4132 | [QFN48] (BSL)    | (567)  |
| TI (TMS) | MSP430F4132 | [QFN48] (JTAG)   | (567)  |
| TI (TMS) | MSP430F415  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F415  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F415  | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F415  | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F415  | [QFN64] (BSL)    | (593)  |
| TI (TMS) | MSP430F415  | [QFN64] (JTAG)   | (593)  |
| TI (TMS) | MSP430F4152 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430F4152 | [LQFP64] (BSL)   | (1542) |
| TI (TMS) | MSP430F4152 | [LQFP64] (JTAG)  | (1542) |
| TI (TMS) | MSP430F4152 | [QFN48] (BSL)    | (567)  |
| TI (TMS) | MSP430F4152 | [QFN48] (JTAG)   | (567)  |
| TI (TMS) | MSP430F417  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F417  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F417  | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F417  | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F417  | [QFN64] (BSL)    | (593)  |
| TI (TMS) | MSP430F417  | [QFN64] (JTAG)   | (593)  |
| TI (TMS) | MSP430F423  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F423  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F423  | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F423  | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F423A | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F423A | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F423A | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F423A | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F425  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F425  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F425  | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F425  | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F4250 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F4250 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F4250 | [QFN48] (BSL)    | (567)  |
| TI (TMS) | MSP430F4250 | [QFN48] (JTAG)   | (567)  |
| TI (TMS) | MSP430F4250 | [SSOP48] (BSL)   | (194)  |
| TI (TMS) | MSP430F4250 | [SSOP48] (JTAG)  | (194)  |
| TI (TMS) | MSP430F425A | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F425A | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F425A | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F425A | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F4260 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F4260 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F4260 | [QFN48] (BSL)    | (567)  |
| TI (TMS) | MSP430F4260 | [QFN48] (JTAG)   | (567)  |
| TI (TMS) | MSP430F4260 | [SSOP48] (BSL)   | (194)  |
| TI (TMS) | MSP430F4260 | [SSOP48] (JTAG)  | (194)  |
| TI (TMS) | MSP430F427  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F427  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F427  | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F427  | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F4270 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F4270 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F4270 | [QFN48] (BSL)    | (567)  |
| TI (TMS) | MSP430F4270 | [QFN48] (JTAG)   | (567)  |
| TI (TMS) | MSP430F4270 | [SSOP48] (BSL)   | (194)  |
| TI (TMS) | MSP430F4270 | [SSOP48] (JTAG)  | (194)  |
| TI (TMS) | MSP430F427A | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F427A | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F427A | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430F427A | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430F435  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F435  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F435  | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F435  | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F435  | [LQFP80] (BSL)   | (580)  |
| TI (TMS) | MSP430F435  | [LQFP80] (JTAG)  | (580)  |
| TI (TMS) | MSP430F4351 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F4351 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F4351 | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F4351 | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F4351 | [LQFP80] (BSL)   | (580)  |
| TI (TMS) | MSP430F4351 | [LQFP80] (JTAG)  | (580)  |
| TI (TMS) | MSP430F436  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F436  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F436  | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F436  | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F436  | [LQFP80] (BSL)   | (580)  |
| TI (TMS) | MSP430F436  | [LQFP80] (JTAG)  | (580)  |
| TI (TMS) | MSP430F4361 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F4361 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F4361 | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F4361 | [LQFP100] (JTAG) | (234)  |

|          |              |                  |        |
|----------|--------------|------------------|--------|
| TI (TMS) | MSP430F4361  | [LQFP80] (BSL)   | (580)  |
| TI (TMS) | MSP430F4361  | [LQFP80] (JTAG)  | (580)  |
| TI (TMS) | MSP430F437   | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F437   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F437   | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F437   | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F437   | [LQFP80] (BSL)   | (580)  |
| TI (TMS) | MSP430F437   | [LQFP80] (JTAG)  | (580)  |
| TI (TMS) | MSP430F4371  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F4371  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F4371  | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F4371  | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F4371  | [LQFP80] (BSL)   | (580)  |
| TI (TMS) | MSP430F4371  | [LQFP80] (JTAG)  | (580)  |
| TI (TMS) | MSP430F438   | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F438   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F438   | [LQFP80] (BSL)   | (580)  |
| TI (TMS) | MSP430F438   | [LQFP80] (JTAG)  | (580)  |
| TI (TMS) | MSP430F439   | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F439   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F439   | [LQFP80] (BSL)   | (580)  |
| TI (TMS) | MSP430F439   | [LQFP80] (JTAG)  | (580)  |
| TI (TMS) | MSP430F447   | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F447   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F447   | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F447   | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F448   | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F448   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F448   | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F448   | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F4481  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F4481  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F4481  | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F4481  | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F449   | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F449   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F449   | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F449   | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F4616  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F4616  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F4616  | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F4616  | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F46161 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F46161 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F46161 | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F46161 | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F4617  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F4617  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F4617  | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F4617  | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F46171 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F46171 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F46171 | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F46171 | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F4618  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F4618  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F4618  | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F4618  | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F46181 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F46181 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F46181 | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F46181 | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F4619  | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F4619  | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F4619  | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F4619  | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F46191 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430F46191 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F46191 | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F46191 | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F47126 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F47127 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F47163 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F47166 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F47167 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F47173 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F47176 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F47177 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F47183 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F47186 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F47187 | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F47187 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F47193 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F47196 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F47197 | [LQFP100] (JTAG) | (2269) |
| TI (TMS) | MSP430F477   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F477   | [LQFP80] (JTAG)  | (2712) |
| TI (TMS) | MSP430F478   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F478   | [LQFP80] (JTAG)  | (2712) |
| TI (TMS) | MSP430F4783  | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F4783  | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F4784  | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F4784  | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F479   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430F479   | [LQFP80] (JTAG)  | (2712) |
| TI (TMS) | MSP430F4793  | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F4793  | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F4794  | [LQFP100] (BSL)  | (234)  |
| TI (TMS) | MSP430F4794  | [LQFP100] (JTAG) | (234)  |
| TI (TMS) | MSP430F5131  | [TSSOP38] (JTAG) | (2820) |
| TI (TMS) | MSP430F5131  | [WQFN40] (JTAG)  | (2819) |
| TI (TMS) | MSP430F5132  | [TSSOP38] (JTAG) | (2820) |
| TI (TMS) | MSP430F5132  | [WQFN40] (JTAG)  | (2819) |
| TI (TMS) | MSP430F5151  | [TSSOP38] (JTAG) | (2820) |
| TI (TMS) | MSP430F5151  | [WQFN40] (JTAG)  | (2819) |
| TI (TMS) | MSP430F5152  | [TSSOP38] (JTAG) | (2820) |
| TI (TMS) | MSP430F5152  | [WQFN40] (JTAG)  | (2819) |
| TI (TMS) | MSP430F5171  | [TSSOP38] (JTAG) | (2820) |
| TI (TMS) | MSP430F5171  | [WQFN40] (JTAG)  | (2819) |
| TI (TMS) | MSP430F5172  | [TSSOP38] (JTAG) | (2820) |
| TI (TMS) | MSP430F5172  | [WQFN40] (JTAG)  | (2819) |
| TI (TMS) | MSP430F5210  | [VQFN48] (JTAG)  | (2800) |
| TI (TMS) | MSP430F5211  | [VQFN48] (JTAG)  | (2800) |
| TI (TMS) | MSP430F5212  | [VQFN48] (JTAG)  | (2800) |
| TI (TMS) | MSP430F5213  | [VQFN48] (JTAG)  | (2800) |
| TI (TMS) | MSP430F5214  | [VQFN48] (JTAG)  | (2800) |
| TI (TMS) | MSP430F5215  | [VQFN64] (JTAG)  | (2799) |
| TI (TMS) | MSP430F5216  | [VQFN64] (JTAG)  | (2799) |
| TI (TMS) | MSP430F5217  | [BGA80] (JTAG)   | (3894) |
| TI (TMS) | MSP430F5217  | [VQFN64] (JTAG)  | (2799) |
| TI (TMS) | MSP430F5218  | [VQFN64] (JTAG)  | (2799) |
| TI (TMS) | MSP430F5219  | [BGA80] (JTAG)   | (3894) |
| TI (TMS) | MSP430F5219  | [VQFN64] (JTAG)  | (2799) |
| TI (TMS) | MSP430F5220  | [VQFN48] (JTAG)  | (2800) |

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| TI (TMS) | MSP430F6777   | [LQFP128] (JTAG) | (2914)       |
| TI (TMS) | MSP430F67771  | (ISP-4wire JTAG) | (138) (9997) |
| TI (TMS) | MSP430F67771  | [LQFP100] (JTAG) | (2913)       |
| TI (TMS) | MSP430F67771  | [LQFP128] (JTAG) | (2914)       |
| TI (TMS) | MSP430F67771A | (ISP-4wire JTAG) | (138) (9997) |
| TI (TMS) | MSP430F67771A | [LQFP100] (JTAG) | (2913)       |
| TI (TMS) | MSP430F67771A | [LQFP128] (JTAG) | (2914)       |
| TI (TMS) | MSP430F6777A  | (ISP-4wire JTAG) | (138) (9997) |
| TI (TMS) | MSP430F6777A  | [LQFP100] (JTAG) | (2913)       |
| TI (TMS) | MSP430F6777A  | [LQFP128] (JTAG) | (2914)       |
| TI (TMS) | MSP430F6778   | (ISP-4wire JTAG) | (138) (9997) |
| TI (TMS) | MSP430F6778   | [LQFP100] (JTAG) | (2913)       |
| TI (TMS) | MSP430F6778   | [LQFP128] (JTAG) | (2914)       |
| TI (TMS) | MSP430F67781  | (ISP-4wire JTAG) | (138) (9997) |
| TI (TMS) | MSP430F67781  | [LQFP100] (JTAG) | (2913)       |
| TI (TMS) | MSP430F67781  | [LQFP128] (JTAG) | (2914)       |
| TI (TMS) | MSP430F67781A | (ISP-4wire JTAG) | (138) (9997) |
| TI (TMS) | MSP430F67781A | [LQFP100] (JTAG) | (2913)       |
| TI (TMS) | MSP430F67781A | [LQFP128] (JTAG) | (2914)       |
| TI (TMS) | MSP430F6778A  | (ISP-4wire JTAG) | (138) (9997) |
| TI (TMS) | MSP430F6778A  | [LQFP100] (JTAG) | (2913)       |
| TI (TMS) | MSP430F6778A  | [LQFP128] (JTAG) | (2914)       |
| TI (TMS) | MSP430F6779   | (ISP-4wire JTAG) | (138) (9997) |
| TI (TMS) | MSP430F6779   | [LQFP100] (JTAG) | (2913)       |
| TI (TMS) | MSP430F6779   | [LQFP128] (JTAG) | (2914)       |
| TI (TMS) | MSP430F67791  | (ISP-4wire JTAG) | (138) (9997) |
| TI (TMS) | MSP430F67791  | [LQFP100] (JTAG) | (2913)       |
| TI (TMS) | MSP430F67791  | [LQFP128] (JTAG) | (2914)       |
| TI (TMS) | MSP430F67791A | (ISP-4wire JTAG) | (138) (9997) |
| TI (TMS) | MSP430F67791A | [LQFP100] (JTAG) | (2913)       |
| TI (TMS) | MSP430F67791A | [LQFP128] (JTAG) | (2914)       |
| TI (TMS) | MSP430F6779A  | (ISP-4wire JTAG) | (138) (9997) |
| TI (TMS) | MSP430F6779A  | [LQFP100] (JTAG) | (2913)       |
| TI (TMS) | MSP430F6779A  | [LQFP128] (JTAG) | (2914)       |
| TI (TMS) | MSP430FE423   | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FE423   | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FE423   | [LQFP64] (BSL)   | (180)        |
| TI (TMS) | MSP430FE423   | [LQFP64] (JTAG)  | (180)        |
| TI (TMS) | MSP430FE4232  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FE4232  | [LQFP64] (BSL)   | (180)        |
| TI (TMS) | MSP430FE4232  | [LQFP64] (JTAG)  | (180)        |
| TI (TMS) | MSP430FE423A  | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FE423A  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FE423A  | [LQFP64] (BSL)   | (180)        |
| TI (TMS) | MSP430FE423A  | [LQFP64] (JTAG)  | (180)        |
| TI (TMS) | MSP430FE4242  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FE4242  | [LQFP64] (BSL)   | (180)        |
| TI (TMS) | MSP430FE4242  | [LQFP64] (JTAG)  | (180)        |
| TI (TMS) | MSP430FE425   | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FE425   | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FE425   | [LQFP64] (BSL)   | (180)        |
| TI (TMS) | MSP430FE425   | [LQFP64] (JTAG)  | (180)        |
| TI (TMS) | MSP430FE4252  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FE4252  | [LQFP64] (BSL)   | (180)        |
| TI (TMS) | MSP430FE4252  | [LQFP64] (JTAG)  | (180)        |
| TI (TMS) | MSP430FE425A  | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FE425A  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FE425A  | [LQFP64] (BSL)   | (180)        |
| TI (TMS) | MSP430FE425A  | [LQFP64] (JTAG)  | (180)        |
| TI (TMS) | MSP430FE427   | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FE427   | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FE427   | [LQFP64] (BSL)   | (180)        |
| TI (TMS) | MSP430FE427   | [LQFP64] (JTAG)  | (180)        |
| TI (TMS) | MSP430FE4272  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FE4272  | [LQFP64] (BSL)   | (180)        |
| TI (TMS) | MSP430FE4272  | [LQFP64] (JTAG)  | (180)        |
| TI (TMS) | MSP430FE427A  | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FE427A  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FE427A  | [LQFP64] (BSL)   | (180)        |
| TI (TMS) | MSP430FE427A  | [LQFP64] (JTAG)  | (180)        |
| TI (TMS) | MSP430FG4250  | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FG4250  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FG4250  | [QFN48] (BSL)    | (567)        |
| TI (TMS) | MSP430FG4250  | [QFN48] (JTAG)   | (567)        |
| TI (TMS) | MSP430FG4250  | [SSOP48] (BSL)   | (194)        |
| TI (TMS) | MSP430FG4250  | [SSOP48] (JTAG)  | (194)        |
| TI (TMS) | MSP430FG4260  | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FG4260  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FG4260  | [QFN48] (BSL)    | (567)        |
| TI (TMS) | MSP430FG4260  | [QFN48] (JTAG)   | (567)        |
| TI (TMS) | MSP430FG4260  | [SSOP48] (BSL)   | (194)        |
| TI (TMS) | MSP430FG4260  | [SSOP48] (JTAG)  | (194)        |
| TI (TMS) | MSP430FG4270  | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FG4270  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FG4270  | [QFN48] (BSL)    | (567)        |
| TI (TMS) | MSP430FG4270  | [QFN48] (JTAG)   | (567)        |
| TI (TMS) | MSP430FG4270  | [SSOP48] (BSL)   | (194)        |
| TI (TMS) | MSP430FG4270  | [SSOP48] (JTAG)  | (194)        |
| TI (TMS) | MSP430FG437   | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FG437   | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FG437   | [LQFP80] (BSL)   | (580)        |
| TI (TMS) | MSP430FG437   | [LQFP80] (JTAG)  | (580)        |
| TI (TMS) | MSP430FG438   | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FG438   | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FG438   | [LQFP80] (BSL)   | (580)        |
| TI (TMS) | MSP430FG438   | [LQFP80] (JTAG)  | (580)        |
| TI (TMS) | MSP430FG439   | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FG439   | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FG439   | [LQFP80] (BSL)   | (580)        |
| TI (TMS) | MSP430FG439   | [LQFP80] (JTAG)  | (580)        |
| TI (TMS) | MSP430FG4616  | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FG4616  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FG4616  | [LQFP100] (BSL)  | (234)        |
| TI (TMS) | MSP430FG4616  | [LQFP100] (JTAG) | (234)        |
| TI (TMS) | MSP430FG4617  | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FG4617  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FG4617  | [LQFP100] (BSL)  | (234)        |
| TI (TMS) | MSP430FG4617  | [LQFP100] (JTAG) | (234)        |
| TI (TMS) | MSP430FG4618  | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FG4618  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FG4618  | [LQFP100] (BSL)  | (234)        |
| TI (TMS) | MSP430FG4618  | [LQFP100] (JTAG) | (234)        |
| TI (TMS) | MSP430FG4619  | (ISP-BSL)        | (138)        |
| TI (TMS) | MSP430FG4619  | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FG4619  | [LQFP100] (BSL)  | (234)        |
| TI (TMS) | MSP430FG4619  | [LQFP100] (JTAG) | (234)        |
| TI (TMS) | MSP430FG477   | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FG477   | [LQFP80] (JTAG)  | (2712)       |
| TI (TMS) | MSP430FG478   | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FG478   | [LQFP80] (JTAG)  | (2712)       |
| TI (TMS) | MSP430FG479   | (ISP-JTAG)       | (138)        |
| TI (TMS) | MSP430FG479   | [LQFP80] (JTAG)  | (2712)       |
| TI (TMS) | MSP430FR2032  | (ISP-4wire JTAG) | (138)        |
| TI (TMS) | MSP430FR2032  | [LQFP64] (JTAG)  | (3348)       |
| TI (TMS) | MSP430FR2032  | [TSSOP48] (JTAG) | (4968)       |
| TI (TMS) | MSP430FR2033  | (ISP-4wire JTAG) | (138) (9997) |
| TI (TMS) | MSP430FR2033  | [LQFP64] (JTAG)  | (3348)       |
| TI (TMS) | MSP430FR2033  | [TSSOP48] (JTAG) | (4968)       |

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|----------|---------------|------------------|--------|
| TI (TMS) | MSP430FR59891 | [VQFN64] (JTAG)  | (3345) |
| TI (TMS) | MSP430FR6820  | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR6820  | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR6822  | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR6822  | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR68221 | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR68221 | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR6870  | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR6870  | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR6872  | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR6872  | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR68721 | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR68721 | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR6877  | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR6877  | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430FR6879  | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR6879  | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430FR68791 | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR68791 | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430FR6887  | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR6887  | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430FR6888  | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR6888  | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430FR6889  | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR6889  | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430FR68891 | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR68891 | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430FR6920  | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR6920  | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR6922  | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR6922  | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR69221 | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR69221 | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR6927  | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR6927  | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR69271 | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR69271 | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR6928  | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR6970  | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR6970  | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR6972  | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR6972  | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR69721 | [LQFP64] (JTAG)  | (3350) |
| TI (TMS) | MSP430FR69721 | [VQFN64] (JTAG)  | (3346) |
| TI (TMS) | MSP430FR6977  | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR6977  | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430FR6979  | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR6979  | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430FR69791 | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR69791 | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430FR6987  | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR6987  | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430FR6988  | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR6988  | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430FR6989  | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR6989  | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430FR69891 | [LQFP100] (JTAG) | (3347) |
| TI (TMS) | MSP430FR69891 | [LQFP80] (JTAG)  | (3351) |
| TI (TMS) | MSP430Fw423   | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430Fw423   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430Fw423   | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430Fw423   | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430Fw425   | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430Fw425   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430Fw425   | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430Fw425   | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430Fw427   | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430Fw427   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430Fw427   | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430Fw427   | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430Fw428   | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430Fw428   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430Fw428   | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430Fw428   | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430Fw429   | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430Fw429   | (ISP-JTAG)       | (138)  |
| TI (TMS) | MSP430Fw429   | [LQFP64] (BSL)   | (180)  |
| TI (TMS) | MSP430Fw429   | [LQFP64] (JTAG)  | (180)  |
| TI (TMS) | MSP430G2001   |                  |        |
| TI (TMS) | MSP430G2001   | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2001   | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2001   | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2001   | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2101   |                  |        |
| TI (TMS) | MSP430G2101   | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2101   | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2101   | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2101   | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2102   |                  |        |
| TI (TMS) | MSP430G2102   | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2102   | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2102   | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2102   | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2102   | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2111   |                  |        |
| TI (TMS) | MSP430G2111   | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2111   | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2111   | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2111   | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2112   |                  |        |
| TI (TMS) | MSP430G2112   | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2112   | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2112   | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2112   | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2112   | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2113   | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2113   | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2113   | (JTAG)           |        |
| TI (TMS) | MSP430G2113   | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2113   | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2113   | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2121   |                  |        |
| TI (TMS) | MSP430G2121   | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2121   | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2121   | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2121   | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2131   |                  |        |
| TI (TMS) | MSP430G2131   | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2131   | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2131   | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2131   | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2132   |                  |        |
| TI (TMS) | MSP430G2132   | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2132   | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2132   | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2132   | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2132   | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2152   |                  |        |

|          |             |                  |        |
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| TI (TMS) | MSP430G2152 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2152 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2152 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2152 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2152 | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2153 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2153 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2153 | (JTAG)           |        |
| TI (TMS) | MSP430G2153 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2153 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2153 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2201 |                  |        |
| TI (TMS) | MSP430G2201 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2201 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2201 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2201 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2202 |                  |        |
| TI (TMS) | MSP430G2202 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2202 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2202 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2202 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2202 | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2203 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2203 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2203 | (JTAG)           |        |
| TI (TMS) | MSP430G2203 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2203 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2203 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2210 |                  |        |
| TI (TMS) | MSP430G2210 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2210 | [SOIC8]          | (950)  |
| TI (TMS) | MSP430G2211 |                  |        |
| TI (TMS) | MSP430G2211 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2211 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2211 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2211 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2212 |                  |        |
| TI (TMS) | MSP430G2212 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2212 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2212 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2212 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2212 | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2213 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2213 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2213 | (JTAG)           |        |
| TI (TMS) | MSP430G2213 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2213 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2213 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2221 |                  |        |
| TI (TMS) | MSP430G2221 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2221 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2221 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2221 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2230 |                  |        |
| TI (TMS) | MSP430G2230 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2230 | [SOIC8]          | (950)  |
| TI (TMS) | MSP430G2231 |                  |        |
| TI (TMS) | MSP430G2231 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2231 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2231 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2231 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2232 |                  |        |
| TI (TMS) | MSP430G2232 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2232 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2232 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2232 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2232 | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2233 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2233 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2233 | (JTAG)           |        |
| TI (TMS) | MSP430G2233 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2233 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2233 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2252 |                  |        |
| TI (TMS) | MSP430G2252 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2252 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2252 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2252 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2252 | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2253 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2253 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2253 | (JTAG)           |        |
| TI (TMS) | MSP430G2253 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2253 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2253 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2302 |                  |        |
| TI (TMS) | MSP430G2302 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2302 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2302 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2302 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2302 | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2303 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2303 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2303 | (JTAG)           |        |
| TI (TMS) | MSP430G2303 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2303 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2303 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2312 |                  |        |
| TI (TMS) | MSP430G2312 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2312 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2312 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2312 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2312 | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2313 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2313 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2313 | (JTAG)           |        |
| TI (TMS) | MSP430G2313 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2313 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2313 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2332 |                  |        |
| TI (TMS) | MSP430G2332 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2332 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2332 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2332 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2332 | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2333 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2333 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2333 | (JTAG)           |        |
| TI (TMS) | MSP430G2333 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2333 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2333 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2352 |                  |        |
| TI (TMS) | MSP430G2352 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2352 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2352 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2352 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2352 | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2353 | (ISP-4wire JTAG) | (138)  |

|          |             |                  |        |
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| TI (TMS) | MSP430G2353 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2353 | (JTAG)           |        |
| TI (TMS) | MSP430G2353 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2353 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2353 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2402 |                  |        |
| TI (TMS) | MSP430G2402 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2402 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2402 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2402 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2402 | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2402 | [TSSOP20] (SBW)  | (1089) |
| TI (TMS) | MSP430G2403 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2403 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2403 | (JTAG)           |        |
| TI (TMS) | MSP430G2403 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2403 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2403 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2412 |                  |        |
| TI (TMS) | MSP430G2412 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2412 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2412 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2412 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2412 | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2413 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2413 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2413 | (JTAG)           |        |
| TI (TMS) | MSP430G2413 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2413 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2413 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2432 |                  |        |
| TI (TMS) | MSP430G2432 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2432 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2432 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2432 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2432 | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2433 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2433 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2433 | (JTAG)           |        |
| TI (TMS) | MSP430G2433 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2433 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2433 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2444 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2444 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430G2444 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2444 | [TSSOP38] (BSL)  | (505)  |
| TI (TMS) | MSP430G2444 | [TSSOP38] (JTAG) | (505)  |
| TI (TMS) | MSP430G2444 | [VQFN40] (BSL)   | (885)  |
| TI (TMS) | MSP430G2444 | [VQFN40] (JTAG)  | (885)  |
| TI (TMS) | MSP430G2452 |                  |        |
| TI (TMS) | MSP430G2452 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2452 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2452 | [QFN16]          | (883)  |
| TI (TMS) | MSP430G2452 | [TSSOP14]        | (1087) |
| TI (TMS) | MSP430G2452 | [TSSOP20]        | (1089) |
| TI (TMS) | MSP430G2453 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2453 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2453 | (JTAG)           |        |
| TI (TMS) | MSP430G2453 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2453 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2453 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2513 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2513 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2513 | (JTAG)           |        |
| TI (TMS) | MSP430G2513 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2513 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2513 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2533 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2533 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2533 | (JTAG)           |        |
| TI (TMS) | MSP430G2533 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2533 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2533 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2544 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2544 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430G2544 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2544 | [QFN40] (BSL)    | (885)  |
| TI (TMS) | MSP430G2544 | [QFN40] (JTAG)   | (885)  |
| TI (TMS) | MSP430G2544 | [TSSOP38] (BSL)  | (505)  |
| TI (TMS) | MSP430G2544 | [TSSOP38] (JTAG) | (505)  |
| TI (TMS) | MSP430G2553 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2553 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2553 | (JTAG)           |        |
| TI (TMS) | MSP430G2553 | [QFN32] (JTAG)   | (221)  |
| TI (TMS) | MSP430G2553 | [TSSOP20] (JTAG) | (1089) |
| TI (TMS) | MSP430G2553 | [TSSOP28] (JTAG) | (172)  |
| TI (TMS) | MSP430G2744 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2744 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430G2744 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2744 | [QFN40] (BSL)    | (885)  |
| TI (TMS) | MSP430G2744 | [QFN40] (JTAG)   | (885)  |
| TI (TMS) | MSP430G2744 | [TSSOP38] (BSL)  | (505)  |
| TI (TMS) | MSP430G2744 | [TSSOP38] (JTAG) | (505)  |
| TI (TMS) | MSP430G2755 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2755 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430G2755 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2755 | [QFN40] (BSL)    | (885)  |
| TI (TMS) | MSP430G2755 | [QFN40] (JTAG)   | (885)  |
| TI (TMS) | MSP430G2755 | [TSSOP38] (BSL)  | (505)  |
| TI (TMS) | MSP430G2755 | [TSSOP38] (JTAG) | (505)  |
| TI (TMS) | MSP430G2855 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2855 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430G2855 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2855 | [QFN40] (BSL)    | (885)  |
| TI (TMS) | MSP430G2855 | [QFN40] (JTAG)   | (885)  |
| TI (TMS) | MSP430G2855 | [TSSOP38] (BSL)  | (505)  |
| TI (TMS) | MSP430G2855 | [TSSOP38] (JTAG) | (505)  |
| TI (TMS) | MSP430G2955 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430G2955 | (ISP-BSL)        | (138)  |
| TI (TMS) | MSP430G2955 | (ISP-SBW)        | (138)  |
| TI (TMS) | MSP430G2955 | [QFN40] (BSL)    | (885)  |
| TI (TMS) | MSP430G2955 | [QFN40] (JTAG)   | (885)  |
| TI (TMS) | MSP430G2955 | [TSSOP38] (BSL)  | (505)  |
| TI (TMS) | MSP430G2955 | [TSSOP38] (JTAG) | (505)  |
| TI (TMS) | MSP430i2020 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430i2020 | [TSSOP28]        | (3230) |
| TI (TMS) | MSP430i2020 | [VQFN32]         | (3228) |
| TI (TMS) | MSP430i2021 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430i2021 | [TSSOP28]        | (3230) |
| TI (TMS) | MSP430i2021 | [VQFN32]         | (3228) |
| TI (TMS) | MSP430i2030 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430i2030 | [TSSOP28]        | (3230) |
| TI (TMS) | MSP430i2030 | [VQFN32]         | (3228) |
| TI (TMS) | MSP430i2031 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430i2031 | [TSSOP28]        | (3230) |
| TI (TMS) | MSP430i2031 | [VQFN32]         | (3228) |
| TI (TMS) | MSP430i2040 | (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP430i2040 | [TSSOP28]        | (3230) |

|          |                               |        |
|----------|-------------------------------|--------|
| TI (TMS) | MSP430i2040 [VQFN32]          | (3228) |
| TI (TMS) | MSP430i2041 (ISP-4wire JTAG)  | (138)  |
| TI (TMS) | MSP430i2041 [TSSOP28]         | (3230) |
| TI (TMS) | MSP430i2041 [VQFN32]          | (3228) |
| TI (TMS) | MSP430V325 (ISP-4wire JTAG)   | (138)  |
| TI (TMS) | MSP430V325 (ISP-BSL)          | (138)  |
| TI (TMS) | MSP430V325 (ISP-SBW)          | (138)  |
| TI (TMS) | MSP430V325 [QFN40] (BSL)      | (885)  |
| TI (TMS) | MSP430V325 [QFN40] (JTAG)     | (885)  |
| TI (TMS) | MSP430XI2041 (ISP-4wire JTAG) | (138)  |
| TI (TMS) | MSP432P401M [PQFP100]         | (3434) |
| TI (TMS) | MSP432P401R [PQFP100]         | (3434) |
| TI (TMS) | PAL16L8A                      |        |
| TI (TMS) | PAL16L8A [PLCC20]             | (47)   |
| TI (TMS) | PAL16L8A-2                    |        |
| TI (TMS) | PAL16L8A-2 [PLCC20]           | (47)   |
| TI (TMS) | PAL16R4A                      |        |
| TI (TMS) | PAL16R4A [PLCC20]             | (47)   |
| TI (TMS) | PAL16R4A-2                    |        |
| TI (TMS) | PAL16R4A-2 [PLCC20]           | (47)   |
| TI (TMS) | PAL16R6A                      |        |
| TI (TMS) | PAL16R6A [PLCC20]             | (47)   |
| TI (TMS) | PAL16R6A-2                    |        |
| TI (TMS) | PAL16R6A-2 [PLCC20]           | (47)   |
| TI (TMS) | PAL16R8A                      |        |
| TI (TMS) | PAL16R8A [PLCC20]             | (47)   |
| TI (TMS) | PAL16R8A-2                    |        |
| TI (TMS) | PAL16R8A-2 [PLCC20]           | (47)   |
| TI (TMS) | PGA450 [TSSOP28]              | (3829) |
| TI (TMS) | RM42L432 [LQFP100]            | (3765) |
| TI (TMS) | SC4C1290KC [TQFP128]          | (3185) |
| TI (TMS) | SMJ2532                       |        |
| TI (TMS) | SMJ2764                       |        |
| TI (TMS) | SMJ27C010                     |        |
| TI (TMS) | SMJ27C010 [PLCC32]            | (59)   |
| TI (TMS) | SMJ27C040                     |        |
| TI (TMS) | SMJ27C040 [PLCC32]            | (59)   |
| TI (TMS) | SMJ27C128                     |        |
| TI (TMS) | SMJ27C210                     |        |
| TI (TMS) | SMJ27C256                     |        |
| TI (TMS) | SMJ27C512                     |        |
| TI (TMS) | SMJ27C64                      |        |
| TI (TMS) | SN1212005 [QFN28]             | (3069) |
| TI (TMS) | SN1212006 [QFN20]             | (3068) |
| TI (TMS) | SN1701021 [QFN48]             | (4633) |
| TI (TMS) | SN1701022 [QFN40]             | (4319) |
| TI (TMS) | SN1701022 [QFN40] (USER DATA) | (4319) |
| TI (TMS) | TBP18SA42                     |        |
| TI (TMS) | TBP24S10N                     |        |
| TI (TMS) | TBP24S41J                     |        |
| TI (TMS) | TBP24SA10N                    |        |
| TI (TMS) | TBP24SA41J                    |        |
| TI (TMS) | TIBPAL16L8-10                 |        |
| TI (TMS) | TIBPAL16L8-10 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16L8-12                 |        |
| TI (TMS) | TIBPAL16L8-12 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16L8-15                 |        |
| TI (TMS) | TIBPAL16L8-15 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16L8-25                 |        |
| TI (TMS) | TIBPAL16L8-25 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16L8-5                  |        |
| TI (TMS) | TIBPAL16L8-5 [PLCC20]         | (47)   |
| TI (TMS) | TIBPAL16L8-7                  |        |
| TI (TMS) | TIBPAL16L8-7 [PLCC20]         | (47)   |
| TI (TMS) | TIBPAL16R4-10                 |        |
| TI (TMS) | TIBPAL16R4-10 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16R4-12                 |        |
| TI (TMS) | TIBPAL16R4-12 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16R4-15                 |        |
| TI (TMS) | TIBPAL16R4-15 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16R4-25                 |        |
| TI (TMS) | TIBPAL16R4-25 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16R4-5                  |        |
| TI (TMS) | TIBPAL16R4-5 [PLCC20]         | (47)   |
| TI (TMS) | TIBPAL16R4-7                  |        |
| TI (TMS) | TIBPAL16R4-7 [PLCC20]         | (47)   |
| TI (TMS) | TIBPAL16R6-10                 |        |
| TI (TMS) | TIBPAL16R6-10 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16R6-12                 |        |
| TI (TMS) | TIBPAL16R6-12 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16R6-15                 |        |
| TI (TMS) | TIBPAL16R6-15 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16R6-25                 |        |
| TI (TMS) | TIBPAL16R6-25 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16R6-5                  |        |
| TI (TMS) | TIBPAL16R6-5 [PLCC20]         | (47)   |
| TI (TMS) | TIBPAL16R6-7                  |        |
| TI (TMS) | TIBPAL16R6-7 [PLCC20]         | (47)   |
| TI (TMS) | TIBPAL16R8-10                 |        |
| TI (TMS) | TIBPAL16R8-10 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16R8-12                 |        |
| TI (TMS) | TIBPAL16R8-12 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16R8-15                 |        |
| TI (TMS) | TIBPAL16R8-15 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16R8-25                 |        |
| TI (TMS) | TIBPAL16R8-25 [PLCC20]        | (47)   |
| TI (TMS) | TIBPAL16R8-5                  |        |
| TI (TMS) | TIBPAL16R8-5 [PLCC20]         | (47)   |
| TI (TMS) | TIBPAL16R8-7                  |        |
| TI (TMS) | TIBPAL16R8-7 [PLCC20]         | (47)   |
| TI (TMS) | TIBPAL20L8-15                 |        |
| TI (TMS) | TIBPAL20L8-15xFN [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20L8-15xNL [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20L8-25                 |        |
| TI (TMS) | TIBPAL20L8-25xFN [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20L8-25xNL [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20R4-15                 |        |
| TI (TMS) | TIBPAL20R4-15xFN [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20R4-15xNL [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20R4-25                 |        |
| TI (TMS) | TIBPAL20R4-25xFN [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20R4-25xNL [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20R6-15                 |        |
| TI (TMS) | TIBPAL20R6-15xFN [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20R6-15xNL [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20R6-25                 |        |
| TI (TMS) | TIBPAL20R6-25xFN [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20R6-25xNL [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20R8-15                 |        |
| TI (TMS) | TIBPAL20R8-15xFN [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20R8-15xNL [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20R8-25                 |        |
| TI (TMS) | TIBPAL20R8-25xFN [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL20R8-25xNL [PLCC28]     | (48)   |
| TI (TMS) | TIBPAL22V10                   |        |
| TI (TMS) | TIBPAL22V10 [PLCC28]          | (48)   |
| TI (TMS) | TIBPAL22V10-10                |        |
| TI (TMS) | TIBPAL22V10-10 [PLCC28]       | (48)   |

|          |                            |              |
|----------|----------------------------|--------------|
| TI (TMS) | TI8PAL22V10-15B            |              |
| TI (TMS) | TI8PAL22V10-15B [PLCC28]   | (48)         |
| TI (TMS) | TI8PAL22V10-7              |              |
| TI (TMS) | TI8PAL22V10-7 [PLCC28]     | (48)         |
| TI (TMS) | TI8PAL22V10A               |              |
| TI (TMS) | TI8PAL22V10A [LCC28]       | (633)        |
| TI (TMS) | TI8PAL22V10A [PLCC28]      | (48)         |
| TI (TMS) | TI8PAL22VP10               |              |
| TI (TMS) | TI8PAL22VP10 [PLCC28]      | (48)         |
| TI (TMS) | TI8PAL22VP10-20            |              |
| TI (TMS) | TI8PAL22VP10-20 [PLCC28]   | (48)         |
| TI (TMS) | TI8PAL22VP10-25            |              |
| TI (TMS) | TI8PAL22VP10-25 [PLCC28]   | (48)         |
| TI (TMS) | TI8PAL22V10Z [PLCC28] (T)  | (48)         |
| TI (TMS) | TI8PAL22V10Z [PLCC28] (ZP) | (48)         |
| TI (TMS) | TI8PAL22V10Z (T)           |              |
| TI (TMS) | TI8PAL22V10Z (ZP)          |              |
| TI (TMS) | TM27C400                   |              |
| TI (TMS) | TM27PC400                  |              |
| TI (TMS) | TM4C1230C3 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1230C3 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1230D5 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1230D5 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1230E6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1230E6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1230H6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1230H6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1231C3 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1231C3 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1231D5 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1231D5 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C1231D5 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1231E6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1231E6 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C1231E6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1231H6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1231H6 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C1231H6 [LQFP144]       | (2735)       |
| TI (TMS) | TM4C1231H6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1232C3 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1232C3 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1232D5 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1232D5 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1232E6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1232E6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1232H6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1232H6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1233C3 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1233C3 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1233D5 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1233D5 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C1233D5 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1233E6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1233E6 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C1233E6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1233H6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1233H6 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C1233H6 [LQFP144]       | (2735)       |
| TI (TMS) | TM4C1233H6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1236D5 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1236D5 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1236E6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1236E6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1236H6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1236H6 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C1236H6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1237D5 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1237D5 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C1237D5 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1237E6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1237E6 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C1237E6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1237H6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C1237H6 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C1237H6 [LQFP144]       | (2735)       |
| TI (TMS) | TM4C1237H6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C123AE6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C123AE6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C123AH6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C123AH6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C123BE6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C123BE6 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C123BE6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C123BH6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C123BH6 [BGA157]        | (2955)       |
| TI (TMS) | TM4C123BH6 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C123BH6 [LQFP144]       | (2735)       |
| TI (TMS) | TM4C123BH6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C123FE6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C123FE6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C123FH6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C123FH6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C123GE6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C123GE6 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C123GE6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C123GH6 (ISP)           | (138) (9997) |
| TI (TMS) | TM4C123GH6 [BGA157]        | (2955)       |
| TI (TMS) | TM4C123GH6 [LQFP100]       | (2734)       |
| TI (TMS) | TM4C123GH6 [LQFP144]       | (2735)       |
| TI (TMS) | TM4C123GH6 [LQFP64]        | (2733)       |
| TI (TMS) | TM4C1290NC [BGA212]        | (3435)       |
| TI (TMS) | TM4C1290NC [TQFP128]       | (3185)       |
| TI (TMS) | TM4C1292NC [BGA212]        | (3435)       |
| TI (TMS) | TM4C1292NC [TQFP128]       | (3185)       |
| TI (TMS) | TM4C1294KC [TQFP128]       | (3185)       |
| TI (TMS) | TM4C1294NC (ISP-SWD)       | (138) (9997) |
| TI (TMS) | TM4C1294NC [BGA212]        | (3435)       |
| TI (TMS) | TM4C1294NC [TQFP128]       | (3185)       |
| TI (TMS) | TM4C1297NC [BGA212]        | (3435)       |
| TI (TMS) | TM4C1299KC [BGA212]        | (3435)       |
| TI (TMS) | TM4C1299NC [BGA212]        | (3435)       |
| TI (TMS) | TM4C129CNC [BGA212]        | (3435)       |
| TI (TMS) | TM4C129CNC [TQFP128]       | (3185)       |
| TI (TMS) | TM4C129DNC [BGA212]        | (3435)       |
| TI (TMS) | TM4C129DNC [TQFP128]       | (3185)       |
| TI (TMS) | TM4C129EKC [TQFP128]       | (3185)       |
| TI (TMS) | TM4C129ENC [BGA212]        | (3435)       |
| TI (TMS) | TM4C129ENC [TQFP128]       | (3185)       |
| TI (TMS) | TM4C129LNC [BGA212]        | (3435)       |
| TI (TMS) | TM4C129XKC [BGA212]        | (3435)       |
| TI (TMS) | TM4C129XNC [BGA212]        | (3435)       |
| TI (TMS) | TM4E1231H6 [BGA157]        | (2955)       |
| TI (TMS) | TM4E1G31H6 [BGA157]        | (2955)       |
| TI (TMS) | TMS-15JT B58546            |              |
| TI (TMS) | TMS2508JL                  |              |
| TI (TMS) | TMS2516                    |              |
| TI (TMS) | TMS2532                    |              |
| TI (TMS) | TMS2532A                   |              |

|          |                        |        |
|----------|------------------------|--------|
| TI (TMS) | TMS2564                |        |
| TI (TMS) | TMS25L32               |        |
| TI (TMS) | TMS2708JL              | (2)    |
| TI (TMS) | TMS27128               |        |
| TI (TMS) | TMS2716                | (2)    |
| TI (TMS) | TMS2732A               |        |
| TI (TMS) | TMS2758-xx0            |        |
| TI (TMS) | TMS2758-xx1            |        |
| TI (TMS) | TMS2764                |        |
| TI (TMS) | TMS27C010              |        |
| TI (TMS) | TMS27C010 [PLCC32]     | (59)   |
| TI (TMS) | TMS27C010A             |        |
| TI (TMS) | TMS27C010A [PLCC32]    | (59)   |
| TI (TMS) | TMS27C020              |        |
| TI (TMS) | TMS27C020 [PLCC32]     | (59)   |
| TI (TMS) | TMS27C040              |        |
| TI (TMS) | TMS27C040 [PLCC32]     | (59)   |
| TI (TMS) | TMS27C128              |        |
| TI (TMS) | TMS27C210              |        |
| TI (TMS) | TMS27C210A             |        |
| TI (TMS) | TMS27C210A [PLCC44]    | (67)   |
| TI (TMS) | TMS27C240              |        |
| TI (TMS) | TMS27C240 [PLCC44]     | (67)   |
| TI (TMS) | TMS27C256              |        |
| TI (TMS) | TMS27C256 [PLCC32]     | (59)   |
| TI (TMS) | TMS27C291              |        |
| TI (TMS) | TMS27C292              |        |
| TI (TMS) | TMS27C32               |        |
| TI (TMS) | TMS27C510              |        |
| TI (TMS) | TMS27C510 [PLCC32]     | (59)   |
| TI (TMS) | TMS27C512              |        |
| TI (TMS) | TMS27C512 [PLCC32]     | (59)   |
| TI (TMS) | TMS27C64               |        |
| TI (TMS) | TMS27L08J              | (2)    |
| TI (TMS) | TMS27LV010A            |        |
| TI (TMS) | TMS27LV010A [PLCC32]   | (59)   |
| TI (TMS) | TMS27LV010A [R-TSOP32] | (655)  |
| TI (TMS) | TMS27LV010A [TSOP32]   | (655)  |
| TI (TMS) | TMS27P32A              |        |
| TI (TMS) | TMS27P64               |        |
| TI (TMS) | TMS27PC010             |        |
| TI (TMS) | TMS27PC010 [PLCC32]    | (59)   |
| TI (TMS) | TMS27PC010A            |        |
| TI (TMS) | TMS27PC010A [PLCC32]   | (59)   |
| TI (TMS) | TMS27PC010A [R-TSOP32] | (655)  |
| TI (TMS) | TMS27PC010A [TSOP32]   | (655)  |
| TI (TMS) | TMS27PC020             |        |
| TI (TMS) | TMS27PC020 [PLCC32]    | (59)   |
| TI (TMS) | TMS27PC040             |        |
| TI (TMS) | TMS27PC040 [PLCC32]    | (59)   |
| TI (TMS) | TMS27PC128             |        |
| TI (TMS) | TMS27PC128 [PLCC32]    | (59)   |
| TI (TMS) | TMS27PC210             |        |
| TI (TMS) | TMS27PC210A            |        |
| TI (TMS) | TMS27PC210A [PLCC44]   | (67)   |
| TI (TMS) | TMS27PC240             |        |
| TI (TMS) | TMS27PC240 [PLCC44]    | (67)   |
| TI (TMS) | TMS27PC256             |        |
| TI (TMS) | TMS27PC256 [PLCC32]    | (59)   |
| TI (TMS) | TMS27PC291             |        |
| TI (TMS) | TMS27PC291 [PLCC28]    | (48)   |
| TI (TMS) | TMS27PC32              |        |
| TI (TMS) | TMS27PC510             |        |
| TI (TMS) | TMS27PC510 [PLCC32]    | (59)   |
| TI (TMS) | TMS27PC512             |        |
| TI (TMS) | TMS27PC512 [PLCC32]    | (59)   |
| TI (TMS) | TMS27PC512 [R-TSOP32]  | (655)  |
| TI (TMS) | TMS27PC512 [TSOP32]    | (655)  |
| TI (TMS) | TMS27PC64              |        |
| TI (TMS) | TMS28C64               |        |
| TI (TMS) | TMS28F002AXB [TSOP40]  | (1368) |
| TI (TMS) | TMS28F002AXT [TSOP40]  | (1368) |
| TI (TMS) | TMS28F004AXB [TSOP40]  | (1368) |
| TI (TMS) | TMS28F004AXT [TSOP40]  | (1368) |
| TI (TMS) | TMS28F008AEB [TSOP40]  | (1368) |
| TI (TMS) | TMS28F008AET [TSOP40]  | (1368) |
| TI (TMS) | TMS28F008ALB [TSOP40]  | (1368) |
| TI (TMS) | TMS28F008ALT [TSOP40]  | (1368) |
| TI (TMS) | TMS28F008ASB [TSOP40]  | (1368) |
| TI (TMS) | TMS28F008AST [TSOP40]  | (1368) |
| TI (TMS) | TMS28F008AVB [TSOP40]  | (1368) |
| TI (TMS) | TMS28F008AVT [TSOP40]  | (1368) |
| TI (TMS) | TMS28F008AZB [TSOP40]  | (1368) |
| TI (TMS) | TMS28F008AZT [TSOP40]  | (1368) |
| TI (TMS) | TMS28F010              |        |
| TI (TMS) | TMS28F010 [PLCC32]     | (1399) |
| TI (TMS) | TMS28F010 [R-TSOP32]   | (1415) |
| TI (TMS) | TMS28F010 [TSOP32]     | (1414) |
| TI (TMS) | TMS28F010A             |        |
| TI (TMS) | TMS28F010A [PLCC32]    | (1399) |
| TI (TMS) | TMS28F010A [R-TSOP32]  | (1415) |
| TI (TMS) | TMS28F010A [TSOP32]    | (1414) |
| TI (TMS) | TMS28F010B [PLCC32]    | (1399) |
| TI (TMS) | TMS28F010B [R-TSOP32]  | (1415) |
| TI (TMS) | TMS28F010B [TSOP32]    | (1414) |
| TI (TMS) | TMS28F020 [PLCC32]     | (1399) |
| TI (TMS) | TMS28F020 [TSOP32]     | (1414) |
| TI (TMS) | TMS28F200AXB [PSOP44]  | (1356) |
| TI (TMS) | TMS28F200AXB [TSOP48]  | (1346) |
| TI (TMS) | TMS28F200AXT [PSOP44]  | (1356) |
| TI (TMS) | TMS28F200AXT [TSOP48]  | (1346) |
| TI (TMS) | TMS28F200BZB [PSOP44]  | (1356) |
| TI (TMS) | TMS28F200BZT [PSOP44]  | (1356) |
| TI (TMS) | TMS28F210 [PLCC44]     | (67)   |
| TI (TMS) | TMS28F210 [TSOP40]     | (1365) |
| TI (TMS) | TMS28F400AXB [PSOP44]  | (1356) |
| TI (TMS) | TMS28F400AXB [TSOP48]  | (1346) |
| TI (TMS) | TMS28F400AXT [PSOP44]  | (1356) |
| TI (TMS) | TMS28F400AXT [TSOP48]  | (1346) |
| TI (TMS) | TMS28F400BZB [PSOP44]  | (1356) |
| TI (TMS) | TMS28F400BZT [PSOP44]  | (1356) |
| TI (TMS) | TMS28F512              |        |
| TI (TMS) | TMS28F512 [PLCC32]     | (1399) |
| TI (TMS) | TMS28F512 [R-TSOP32]   | (1415) |
| TI (TMS) | TMS28F512 [TSOP32]     | (1414) |
| TI (TMS) | TMS28F512A             |        |
| TI (TMS) | TMS28F512A [PLCC32]    | (1399) |
| TI (TMS) | TMS28F512A [R-TSOP32]  | (1415) |
| TI (TMS) | TMS28F512A [TSOP32]    | (1414) |
| TI (TMS) | TMS28F800AEB [PSOP44]  | (1356) |
| TI (TMS) | TMS28F800AEB [TSOP48]  | (1346) |
| TI (TMS) | TMS28F800AET [PSOP44]  | (1356) |
| TI (TMS) | TMS28F800AET [TSOP48]  | (1346) |
| TI (TMS) | TMS28F800ALB [PSOP44]  | (1356) |
| TI (TMS) | TMS28F800ALB [TSOP48]  | (1346) |
| TI (TMS) | TMS28F800ALT [PSOP44]  | (1356) |
| TI (TMS) | TMS28F800ALT [TSOP48]  | (1346) |
| TI (TMS) | TMS28F800ASB [PSOP44]  | (1356) |



|          |                |               |        |
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| TI (TMS) | TMS28F800ASB   | [TSOP48]      | (1346) |
| TI (TMS) | TMS28F800AST   | [PSOP44]      | (1356) |
| TI (TMS) | TMS28F800AST   | [TSOP48]      | (1346) |
| TI (TMS) | TMS28F800AVB   | [PSOP44]      | (1356) |
| TI (TMS) | TMS28F800AVB   | [TSOP48]      | (1346) |
| TI (TMS) | TMS28F800AVT   | [PSOP44]      | (1356) |
| TI (TMS) | TMS28F800AVT   | [TSOP48]      | (1346) |
| TI (TMS) | TMS28F800AZB   | [PSOP44]      | (1356) |
| TI (TMS) | TMS28F800AZB   | [TSOP48]      | (1346) |
| TI (TMS) | TMS28F800AZT   | [PSOP44]      | (1356) |
| TI (TMS) | TMS28F800AZT   | [TSOP48]      | (1346) |
| TI (TMS) | TMS29F002RB    | [PLCC32]      | (1399) |
| TI (TMS) | TMS29F002RT    | [PLCC32]      | (1399) |
| TI (TMS) | TMS29F008B     | [TSOP40]      | (1368) |
| TI (TMS) | TMS29F008T     | [TSOP40]      | (1368) |
| TI (TMS) | TMS29F010      | [PLCC32]      | (1399) |
| TI (TMS) | TMS29F040      | [PLCC32]      | (1384) |
| TI (TMS) | TMS29F040      | [TSOP32]      | (1381) |
| TI (TMS) | TMS29F400B     | [PSOP44]      | (1356) |
| TI (TMS) | TMS29F400B     | [TSOP48]      | (1346) |
| TI (TMS) | TMS29F400T     | [PSOP44]      | (1356) |
| TI (TMS) | TMS29F400T     | [TSOP48]      | (1346) |
| TI (TMS) | TMS29F800B     | [PSOP44]      | (1356) |
| TI (TMS) | TMS29F800B     | [TSOP48]      | (1346) |
| TI (TMS) | TMS29F800T     | [PSOP44]      | (1356) |
| TI (TMS) | TMS29F800T     | [TSOP48]      | (1346) |
| TI (TMS) | TMS29LF008B    | [TSOP40]      | (1368) |
| TI (TMS) | TMS29LF008T    | [TSOP40]      | (1368) |
| TI (TMS) | TMS29LF040     | [PLCC32]      | (1384) |
| TI (TMS) | TMS29LF040     | [TSOP32 8x14] | (1377) |
| TI (TMS) | TMS29LF040     | [TSOP32 8x20] | (1381) |
| TI (TMS) | TMS29LF800B    | [PSOP44]      | (1356) |
| TI (TMS) | TMS29LF800T    | [PSOP44]      | (1356) |
| TI (TMS) | TMS29VF040     | [PLCC32]      | (1384) |
| TI (TMS) | TMS29VF040     | [TSOP32 8x14] | (1377) |
| TI (TMS) | TMS29VF040     | [TSOP32 8x20] | (1381) |
| TI (TMS) | TMS320E15      |               |        |
| TI (TMS) | TMS320E15      | [PLCC44]      | (67)   |
| TI (TMS) | TMS320E17      |               |        |
| TI (TMS) | TMS320E17      | [PLCC44]      | (67)   |
| TI (TMS) | TMS320F280040  | [LQFP64]      | (4887) |
| TI (TMS) | TMS320F280040C | [LQFP64]      | (4887) |
| TI (TMS) | TMS320F280041  | [LQFP100]     | (4909) |
| TI (TMS) | TMS320F280041  | [LQFP64]      | (4887) |
| TI (TMS) | TMS320F280041C | [LQFP100]     | (4909) |
| TI (TMS) | TMS320F280041C | [LQFP64]      | (4887) |
| TI (TMS) | TMS320F280045  | [LQFP100]     | (4909) |
| TI (TMS) | TMS320F280045  | [LQFP64]      | (4887) |
| TI (TMS) | TMS320F280048  | [LQFP64]      | (4887) |
| TI (TMS) | TMS320F280048C | [LQFP64]      | (4887) |
| TI (TMS) | TMS320F280049  | [LQFP100]     | (4909) |
| TI (TMS) | TMS320F280049  | [LQFP64]      | (4887) |
| TI (TMS) | TMS320F280049C | [LQFP100]     | (4909) |
| TI (TMS) | TMS320F280049C | [LQFP64]      | (4887) |
| TI (TMS) | TMS320F2801    | [QFP100]      | (975)  |
| TI (TMS) | TMS320F28015   | [QFP100]      | (975)  |
| TI (TMS) | TMS320F28016   | [QFP100]      | (975)  |
| TI (TMS) | TMS320F2802    | [QFP100]      | (975)  |
| TI (TMS) | TMS320F28020   | [QFP48]       | (2881) |
| TI (TMS) | TMS320F28020   | [TSSOP38]     | (3940) |
| TI (TMS) | TMS320F280200  | [QFP48]       | (2881) |
| TI (TMS) | TMS320F280200  | [TSSOP38]     | (3940) |
| TI (TMS) | TMS320F28021   | [QFP48]       | (2881) |
| TI (TMS) | TMS320F28021   | [TSSOP38]     | (3940) |
| TI (TMS) | TMS320F28022   | [QFP48]       | (2881) |
| TI (TMS) | TMS320F28022   | [TSSOP38]     | (3940) |
| TI (TMS) | TMS320F28023   | [QFP48]       | (2881) |
| TI (TMS) | TMS320F28023   | [TSSOP38]     | (3940) |
| TI (TMS) | TMS320F28026   | [QFP48]       | (2881) |
| TI (TMS) | TMS320F28026   | [TSSOP38]     | (3940) |
| TI (TMS) | TMS320F28027   | [QFP48]       | (2881) |
| TI (TMS) | TMS320F28027   | [TSSOP38]     | (3940) |
| TI (TMS) | TMS320F28030   | [QFP64]       | (2355) |
| TI (TMS) | TMS320F28031   | [QFP64]       | (2355) |
| TI (TMS) | TMS320F28032   | [QFP64]       | (2355) |
| TI (TMS) | TMS320F28032   | [QFP80]       | (2575) |
| TI (TMS) | TMS320F28033   | [QFP64]       | (2355) |
| TI (TMS) | TMS320F28033   | [QFP80]       | (2575) |
| TI (TMS) | TMS320F28034   | [QFP64]       | (2355) |
| TI (TMS) | TMS320F28034   | [QFP80]       | (2575) |
| TI (TMS) | TMS320F28035   | [QFN56]       | (2977) |
| TI (TMS) | TMS320F28035   | [QFP64]       | (2355) |
| TI (TMS) | TMS320F28035   | [QFP80]       | (2575) |
| TI (TMS) | TMS320F28044   | [QFP100]      | (975)  |
| TI (TMS) | TMS320F2806    | [QFP100]      | (975)  |
| TI (TMS) | TMS320F28062   | [HTQFP100]    | (3129) |
| TI (TMS) | TMS320F28062   | [HTQFP80]     | (2740) |
| TI (TMS) | TMS320F28062   | [LQFP100]     | (3129) |
| TI (TMS) | TMS320F28062   | [LQFP80]      | (2740) |
| TI (TMS) | TMS320F28063   | [HTQFP100]    | (3129) |
| TI (TMS) | TMS320F28063   | [HTQFP80]     | (2740) |
| TI (TMS) | TMS320F28063   | [LQFP100]     | (3129) |
| TI (TMS) | TMS320F28063   | [LQFP80]      | (2740) |
| TI (TMS) | TMS320F28065   | [HTQFP100]    | (3129) |
| TI (TMS) | TMS320F28065   | [HTQFP80]     | (2740) |
| TI (TMS) | TMS320F28065   | [LQFP100]     | (3129) |
| TI (TMS) | TMS320F28065   | [LQFP80]      | (2740) |
| TI (TMS) | TMS320F28069   | [HTQFP100]    | (3129) |
| TI (TMS) | TMS320F28069   | [HTQFP80]     | (2740) |
| TI (TMS) | TMS320F28069   | [LQFP100]     | (3129) |
| TI (TMS) | TMS320F28069   | [LQFP80]      | (2740) |
| TI (TMS) | TMS320F28075   | [HLQFP176]    | (3744) |
| TI (TMS) | TMS320F28075   | [HTQFP100]    | (4622) |
| TI (TMS) | TMS320F2808    | [QFP100]      | (975)  |
| TI (TMS) | TMS320F2809    | [QFP100]      | (975)  |
| TI (TMS) | TMS320F2810    | [QFP128]      | (931)  |
| TI (TMS) | TMS320F2811    | [QFP128]      | (931)  |
| TI (TMS) | TMS320F2812    | [BGA179]      | (946)  |
| TI (TMS) | TMS320F2812    | [QFP176]      | (908)  |
| TI (TMS) | TMS320F28234   | [BGA176]      | (3048) |
| TI (TMS) | TMS320F28334   | [QFP176]      | (3785) |
| TI (TMS) | TMS320F28335   | [BGA176]      | (3048) |
| TI (TMS) | TMS320F28335   | [QFP176]      | (2306) |
| TI (TMS) | TMS320F28374S  | [HLQFP176]    | (3744) |
| TI (TMS) | TMS320F28374S  | [HTQFP100]    | (4622) |
| TI (TMS) | TMS320F28374S  | [NFBGA337]    | (3646) |
| TI (TMS) | TMS320F28375D  | [HLQFP176]    | (3744) |
| TI (TMS) | TMS320F28375D  | [NFBGA337]    | (3646) |
| TI (TMS) | TMS320F28375S  | [HLQFP176]    | (3744) |
| TI (TMS) | TMS320F28375S  | [HTQFP100]    | (4622) |
| TI (TMS) | TMS320F28375S  | [NFBGA337]    | (3646) |
| TI (TMS) | TMS320F28377D  | [HLQFP176]    | (3744) |
| TI (TMS) | TMS320F28377D  | [NFBGA337]    | (3646) |
| TI (TMS) | TMS320F28377S  | [HLQFP176]    | (3744) |
| TI (TMS) | TMS320F28377S  | [HTQFP100]    | (4622) |
| TI (TMS) | TMS320F28377S  | [NFBGA337]    | (3646) |
| TI (TMS) | TMS320F28379D  | [HLQFP176]    | (3744) |
| TI (TMS) | TMS320F28379D  | [NFBGA337]    | (3646) |

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| TI (TMS) | TMS320F28379S [HLQFP176]             | (3744)        |
| TI (TMS) | TMS320F28379S [HTQFP100]             | (4622)        |
| TI (TMS) | TMS320F28379S [NFBGA337]             | (3646)        |
| TI (TMS) | TMS320F28PLC83 [QFP80]               | (2740)        |
| TI (TMS) | TMS320F28PLC84 [QFP80]               | (2740)        |
| TI (TMS) | TMS320P15                            |               |
| TI (TMS) | TMS320P15 [PLCC44]                   | (67)          |
| TI (TMS) | TMS320P17                            |               |
| TI (TMS) | TMS320P17 [PLCC44]                   | (67)          |
| TI (TMS) | TMS87C110                            |               |
| TI (TMS) | TMS87C110 [PLCC32]                   | (59)          |
| TI (TMS) | TMS87C257                            |               |
| TI (TMS) | TMS87C510                            |               |
| TI (TMS) | TMS87C510 [PLCC32]                   | (59)          |
| TI (TMS) | TMS87PC110                           |               |
| TI (TMS) | TMS87PC110 [PLCC32]                  | (59)          |
| TI (TMS) | TMS87PC510                           |               |
| TI (TMS) | TMS87PC510 [PLCC32]                  | (59)          |
| TI (TMS) | TMX27PC010                           |               |
| TI (TMS) | TMX27PC210                           |               |
| TI (TMS) | TPS40428 [QFN40]                     | (4807)        |
| TI (TMS) | TPS53622 [QFN40]                     | (3879)        |
| TI (TMS) | TPS53622 [QFN40] (USER DATA)         | (3879) (9999) |
| TI (TMS) | TPS53631 [QFN40]                     | (3667)        |
| TI (TMS) | TPS53641 [QFN40]                     | (3339) (9999) |
| TI (TMS) | TPS53658RS8 [QFN40]                  | (4319)        |
| TI (TMS) | TPS53658RS8 [QFN40] (USER DATA)      | (4319)        |
| TI (TMS) | TPS53659 [QFN40]                     | (3879)        |
| TI (TMS) | TPS53661 [QFN40]                     | (3667)        |
| TI (TMS) | TPS53678 [QFN48]                     | (4633)        |
| TI (TMS) | TPS53679 [QFN40]                     | (3879)        |
| TI (TMS) | TPS544C25 [LQFN40]                   | (4139)        |
| TI (TMS) | TPS549D22 [LQFN40]                   | (4196)        |
| TI (TMS) | TPS61177 [QFN20]                     | (3068)        |
| TI (TMS) | TPS65168 [QFN40]                     | (2262)        |
| TI (TMS) | TPS65177 [QFN40]                     | (3136)        |
| TI (TMS) | TPS65640 [QFN28]                     | (3069)        |
| TI (TMS) | UCD3020 [QFN48]                      | (2809)        |
| TI (TMS) | UCD3028 [QFN40]                      | (2568)        |
| TI (TMS) | UCD3028 [QFN40] (ZTE-01)             | (2568)        |
| TI (TMS) | UCD3040 [QFN64]                      | (2779)        |
| TI (TMS) | UCD3040 [QFP80]                      | (2810)        |
| TI (TMS) | UCD3138 [QFN40]                      | (2844)        |
| TI (TMS) | UCD3138064A [QFN64]                  | (3827)        |
| TI (TMS) | UCD90120 [QFN64] (D)                 | (2779)        |
| TI (TMS) | UCD90120 [QFN64] (P+D)               | (2779)        |
| TI (TMS) | UCD90120A [QFN64] (D)                | (2779)        |
| TI (TMS) | UCD90120A [QFN64] (P+D)              | (2779)        |
| TI (TMS) | UCD90124 [QFN64] (D)                 | (2779)        |
| TI (TMS) | UCD90124 [QFN64] (P+D)               | (2779)        |
| TI (TMS) | UCD90124A [QFN64] (D)                | (2779)        |
| TI (TMS) | UCD90124A [QFN64] (P+D)              | (2779)        |
| TI (TMS) | UCD90124N [QFP80] (D)                | (2810)        |
| TI (TMS) | UCD90124N [QFP80] (P+D)              | (2810)        |
| TI (TMS) | UCD90160 [QFN64] (D)                 | (2779)        |
| TI (TMS) | UCD90160 [QFN64] (P+D)               | (2779)        |
| TI (TMS) | UCD90160A [QFN64] (D)                | (2779)        |
| TI (TMS) | UCD90160A [QFN64] (P+D)              | (2779)        |
| TI (TMS) | UCD90240 [BGA157]                    | (3793)        |
| TI (TMS) | UCD9081 [QFN32]                      | (4162)        |
| TI (TMS) | UCD9090 [QFN48] (D)                  | (2809)        |
| TI (TMS) | UCD9090 [QFN48] (P+D)                | (2809)        |
| TI (TMS) | UCD9090A [QFN48] (D)                 | (2809)        |
| TI (TMS) | UCD9090A [QFN48] (P+D)               | (2809)        |
| TI (TMS) | UCD90910 [QFN64] (D)                 | (2779)        |
| TI (TMS) | UCD90910 [QFN64] (P+D)               | (2779)        |
| TI (TMS) | UCD9220 [QFN48] (D)                  | (2809)        |
| TI (TMS) | UCD9220 [QFN48] (P+D)                | (2809)        |
| TI (TMS) | UCD9222 [QFN48] (D)                  | (2809)        |
| TI (TMS) | UCD9222 [QFN48] (P+D)                | (2809)        |
| TI (TMS) | UCD9224 [QFN48] (D)                  | (2809)        |
| TI (TMS) | UCD9224 [QFN48] (P+D)                | (2809)        |
| TI (TMS) | UCD9224E [QFN48] (D)                 | (2809)        |
| TI (TMS) | UCD9224E [QFN48] (P+D)               | (2809)        |
| TI (TMS) | UCD9240 [QFN64] (D)                  | (2779)        |
| TI (TMS) | UCD9240 [QFN64] (P+D)                | (2779)        |
| TI (TMS) | UCD9240 [QFP80] (P+D)                | (2810)        |
| TI (TMS) | UCD9244 [QFN64] (P+D)                | (2779)        |
| TI (TMS) | UCD9246 [QFN64] (P+D)                | (2779)        |
| TI (TMS) | UCD9248 [QFP80] (P+D)                | (2810)        |
| TI (TMS) | XCC1310F128 [QFN32 (4x4)]            | (3678)        |
| TI (TMS) | XCC1310F128 [QFN32 (4x4)] (ISP-UART) | (138) (9997)  |
| TI (TMS) | XCC1310F128 [QFN32 (5x5)]            | (3677)        |
| TI (TMS) | XCC1310F128 [QFN32 (5x5)] (ISP-UART) | (138) (9997)  |
| TI (TMS) | XCC1310F128 [QFN48]                  | (3679)        |
| TI (TMS) | XCC1310F128 [QFN48] (ISP-UART)       | (138) (9997)  |
| TI (TMS) | XCC1310F32 [QFN32 (4x4)]             | (3678)        |
| TI (TMS) | XCC1310F32 [QFN32 (4x4)] (ISP-UART)  | (138) (9997)  |
| TI (TMS) | XCC1310F32 [QFN32 (5x5)]             | (3677)        |
| TI (TMS) | XCC1310F32 [QFN32 (5x5)] (ISP-UART)  | (138) (9997)  |
| TI (TMS) | XCC1310F32 [QFN48]                   | (3679)        |
| TI (TMS) | XCC1310F32 [QFN48] (ISP-UART)        | (138) (9997)  |
| TI (TMS) | XCC1310F64 [QFN32 (4x4)]             | (3678)        |
| TI (TMS) | XCC1310F64 [QFN32 (4x4)] (ISP-UART)  | (138) (9997)  |
| TI (TMS) | XCC1310F64 [QFN32 (5x5)]             | (3677)        |
| TI (TMS) | XCC1310F64 [QFN32 (5x5)] (ISP-UART)  | (138) (9997)  |
| TI (TMS) | XCC1310F64 [QFN48]                   | (3679)        |
| TI (TMS) | XCC1310F64 [QFN48] (ISP-UART)        | (138) (9997)  |
| TI (TMS) | XCC1312R1F3 [QFN48]                  | (3679)        |
| TI (TMS) | XCC1312R1F3 [QFN48] (ISP-UART)       | (138) (9997)  |
| TI (TMS) | XCC1350F128 [QFN32 (4x4)]            | (3678)        |
| TI (TMS) | XCC1350F128 [QFN32 (4x4)] (ISP-UART) | (138) (9997)  |
| TI (TMS) | XCC1350F128 [QFN32 (5x5)]            | (3677)        |
| TI (TMS) | XCC1350F128 [QFN32 (5x5)] (ISP-UART) | (138) (9997)  |
| TI (TMS) | XCC1350F128 [QFN48]                  | (3679)        |
| TI (TMS) | XCC1350F128 [QFN48] (ISP-UART)       | (138) (9997)  |
| TI (TMS) | XCC1352P1F3 [QFN48]                  | (3679)        |
| TI (TMS) | XCC1352P1F3 [QFN48] (ISP-UART)       | (138) (9997)  |
| TI (TMS) | XCC1352R1F3 [QFN48]                  | (3679)        |
| TI (TMS) | XCC1352R1F3 [QFN48] (ISP-UART)       | (138) (9997)  |
| TI (TMS) | XCC2620F128 [QFN32 (4x4)]            | (3678)        |
| TI (TMS) | XCC2620F128 [QFN32 (4x4)] (ISP-UART) | (138) (9997)  |
| TI (TMS) | XCC2620F128 [QFN32 (5x5)]            | (3677)        |
| TI (TMS) | XCC2620F128 [QFN32 (5x5)] (ISP-UART) | (138) (9997)  |
| TI (TMS) | XCC2620F128 [QFN48]                  | (3679)        |
| TI (TMS) | XCC2620F128 [QFN48] (ISP-UART)       | (138) (9997)  |
| TI (TMS) | XCC2630F128 [QFN32 (4x4)]            | (3678)        |
| TI (TMS) | XCC2630F128 [QFN32 (4x4)] (ISP-UART) | (138) (9997)  |
| TI (TMS) | XCC2630F128 [QFN32 (5x5)]            | (3677)        |
| TI (TMS) | XCC2630F128 [QFN32 (5x5)] (ISP-UART) | (138) (9997)  |
| TI (TMS) | XCC2630F128 [QFN48]                  | (3679)        |
| TI (TMS) | XCC2630F128 [QFN48] (ISP-UART)       | (138) (9997)  |
| TI (TMS) | XCC2640F128 [QFN32 (4x4)]            | (3678)        |
| TI (TMS) | XCC2640F128 [QFN32 (4x4)] (ISP-UART) | (138) (9997)  |
| TI (TMS) | XCC2640F128 [QFN32 (5x5)]            | (3677)        |
| TI (TMS) | XCC2640F128 [QFN32 (5x5)] (ISP-UART) | (138) (9997)  |
| TI (TMS) | XCC2640F128 [QFN48]                  | (3679)        |
| TI (TMS) | XCC2640F128 [QFN48] (ISP-UART)       | (138) (9997)  |

|                  |                                          |              |
|------------------|------------------------------------------|--------------|
| TI (TMS)         | XCC2640R2F [QFN32 (4x4)]                 | (3678)       |
| TI (TMS)         | XCC2640R2F [QFN32 (4x4)] (ISP-UART)      | (138) (9997) |
| TI (TMS)         | XCC2640R2F [QFN32 (5x5)]                 | (3677)       |
| TI (TMS)         | XCC2640R2F [QFN32 (5x5)] (ISP-UART)      | (138) (9997) |
| TI (TMS)         | XCC2640R2F [QFN48]                       | (3679)       |
| TI (TMS)         | XCC2640R2F [QFN48] (ISP-UART)            | (138) (9997) |
| TI (TMS)         | XCC2640R2F-Q1 [QFN48]                    | (3679)       |
| TI (TMS)         | XCC2640R2FTWxxxQ1 [QFN48]                | (3679)       |
| TI (TMS)         | XCC2642R1F [QFN48]                       | (3679)       |
| TI (TMS)         | XCC2642R1F [QFN48] (rev A->D)            | (3679)       |
| TI (TMS)         | XCC2642R1F [QFN48] (rev E)               | (3679)       |
| TI (TMS)         | XCC2642R1F [QFN48] (ISP-UART)            | (138) (9997) |
| TI (TMS)         | XCC2642R1F [QFN48] (rev A->D) (ISP-UART) | (138) (9997) |
| TI (TMS)         | XCC2642R1F [QFN48] (rev E) (ISP-UART)    | (138) (9997) |
| TI (TMS)         | XCC2650F128 [QFN32 (4x4)]                | (3678)       |
| TI (TMS)         | XCC2650F128 [QFN32 (4x4)] (ISP-UART)     | (138) (9997) |
| TI (TMS)         | XCC2650F128 [QFN32 (5x5)]                | (3677)       |
| TI (TMS)         | XCC2650F128 [QFN32 (5x5)] (ISP-UART)     | (138) (9997) |
| TI (TMS)         | XCC2650F128 [QFN48]                      | (3679)       |
| TI (TMS)         | XCC2650F128 [QFN48] (ISP-UART)           | (138) (9997) |
| TI (TMS)         | XCC2652R1F [QFN48]                       | (3679)       |
| TI (TMS)         | XCC2652R1F [QFN48] (ISP-UART)            | (138) (9997) |
| TI (TMS)         | XM4C1230H6 (ISP)                         | (138) (9997) |
| TI (TMS)         | XM4C1230H6 [LQFP64]                      | (2733)       |
| TI (TMS)         | XM4C1231H6 (ISP)                         | (138) (9997) |
| TI (TMS)         | XM4C1231H6 [LQFP100]                     | (2734)       |
| TI (TMS)         | XM4C1231H6 [LQFP64]                      | (2733)       |
| TI (TMS)         | XM4C1232H6 (ISP)                         | (138) (9997) |
| TI (TMS)         | XM4C1232H6 [LQFP64]                      | (2733)       |
| TI (TMS)         | XM4C1233H6 (ISP)                         | (138) (9997) |
| TI (TMS)         | XM4C1233H6 [LQFP100]                     | (2734)       |
| TI (TMS)         | XM4C1233H6 [LQFP64]                      | (2733)       |
| TI (TMS)         | XM4C1236H6 (ISP)                         | (138) (9997) |
| TI (TMS)         | XM4C1236H6 [LQFP100]                     | (2734)       |
| TI (TMS)         | XM4C1236H6 [LQFP64]                      | (2733)       |
| TI (TMS)         | XM4C1237H6 (ISP)                         | (138) (9997) |
| TI (TMS)         | XM4C1237H6 [LQFP100]                     | (2734)       |
| TI (TMS)         | XM4C1237H6 [LQFP64]                      | (2733)       |
| TI (TMS)         | XM4C123AH6 (ISP)                         | (138) (9997) |
| TI (TMS)         | XM4C123AH6 [LQFP64]                      | (2733)       |
| TI (TMS)         | XM4C123BH6 (ISP)                         | (138) (9997) |
| TI (TMS)         | XM4C123BH6 [LQFP100]                     | (2734)       |
| TI (TMS)         | XM4C123BH6 [LQFP64]                      | (2733)       |
| TI (TMS)         | XM4C123FH6 (ISP)                         | (138) (9997) |
| TI (TMS)         | XM4C123FH6 [LQFP64]                      | (2733)       |
| TI (TMS)         | XM4C123GH6 (ISP)                         | (138) (9997) |
| TI (TMS)         | XM4C123GH6 [LQFP100]                     | (2734)       |
| TI (TMS)         | XM4C123GH6 [LQFP64]                      | (2733)       |
| TI (TMS)         | XM4C1290NC [BGA212]                      | (3435)       |
| TI (TMS)         | XM4C1290NC [TQFP128]                     | (3185)       |
| TI (TMS)         | XM4C1292NC [BGA212]                      | (3435)       |
| TI (TMS)         | XM4C1292NC [TQFP128]                     | (3185)       |
| TI (TMS)         | XM4C1294KC [TQFP128]                     | (3185)       |
| TI (TMS)         | XM4C1294NC (ISP-SWD)                     | (138) (9997) |
| TI (TMS)         | XM4C1294NC [BGA212]                      | (3435)       |
| TI (TMS)         | XM4C1294NC [TQFP128]                     | (3185)       |
| TI (TMS)         | XM4C1297NC [BGA212]                      | (3435)       |
| TI (TMS)         | XM4C1299KC [BGA212]                      | (3435)       |
| TI (TMS)         | XM4C1299NC [BGA212]                      | (3435)       |
| TI (TMS)         | XM4C129CNC [BGA212]                      | (3435)       |
| TI (TMS)         | XM4C129CNC [TQFP128]                     | (3185)       |
| TI (TMS)         | XM4C129DNC [BGA212]                      | (3435)       |
| TI (TMS)         | XM4C129DNC [TQFP128]                     | (3185)       |
| TI (TMS)         | XM4C129EKC [TQFP128]                     | (3185)       |
| TI (TMS)         | XM4C129ENC [BGA212]                      | (3435)       |
| TI (TMS)         | XM4C129ENC [TQFP128]                     | (3185)       |
| TI (TMS)         | XM4C129LNC [BGA212]                      | (3435)       |
| TI (TMS)         | XM4C129XKC [BGA212]                      | (3435)       |
| TI (TMS)         | XM4C129XNC [BGA212]                      | (3435)       |
| TI (TMS)         | XMS430F5229 [VQFN64] (JTAG)              | (2799)       |
| TI (TMS)         | XMS430F5342 (ISP-4wire JTAG)             | (138) (9997) |
| TI (TMS)         | XMS430F5342 [VQFN48] (JTAG)              | (2818)       |
| TI (TMS)         | XMS430F6638 [BGA113] (JTAG)              | (4826)       |
| TI (TMS)         | XMS430F6638 [LQFP100] (JTAG)             | (3074)       |
| TI (TMS)         | XMS430G2553 (ISP-4wire JTAG)             | (138)        |
| TI (TMS)         | XMS430G2553 (ISP-SBW)                    | (138)        |
| TI (TMS)         | XMS430G2553 (JTAG)                       |              |
| TI (TMS)         | XMS430G2553 [QFN32] (JTAG)               | (221)        |
| TI (TMS)         | XMS430G2553 [TSSOP20] (JTAG)             | (1089)       |
| TI (TMS)         | XMS430G2553 [TSSOP28] (JTAG)             | (172)        |
| TI (TMS)         | XMS430XI2041 [TSSOP28]                   | (3230)       |
| TI (TMS)         | XMS430XI2041 [VQFN32]                    | (3228)       |
| TI (TMS)         | XMS432P401M [PQFP100]                    | (3434)       |
| TI (TMS)         | XMS432P401R [PQFP100]                    | (3434)       |
| TI (TMS)         | 24C02                                    |              |
| Tianchuang Tech. | 24C02 (ISP)                              | (138)        |
| Tianchuang Tech. | 24C02 [SOP8]                             | (950)        |
| Tianchuang Tech. | 24C02 [TSSOP8]                           | (121)        |
| Tianchuang Tech. | 24C02B                                   |              |
| Tianchuang Tech. | 24C02B (ISP)                             | (138)        |
| Tianchuang Tech. | 24C02B [SOP8]                            | (950)        |
| Tianchuang Tech. | 24C02B [TSSOP8]                          | (121)        |
| Tianchuang Tech. | 24C04                                    |              |
| Tianchuang Tech. | 24C04 (ISP)                              | (138)        |
| Tianchuang Tech. | 24C04 [SOP8]                             | (950)        |
| Tianchuang Tech. | 24C04 [TSSOP8]                           | (121)        |
| Tianchuang Tech. | 24C04A                                   |              |
| Tianchuang Tech. | 24C04A (ISP)                             | (138)        |
| Tianchuang Tech. | 24C04A [SOP8]                            | (950)        |
| Tianchuang Tech. | 24C04A [TSSOP8]                          | (121)        |
| Tianchuang Tech. | 24C08                                    |              |
| Tianchuang Tech. | 24C08 (ISP)                              | (138)        |
| Tianchuang Tech. | 24C08 [SOP8]                             | (950)        |
| Tianchuang Tech. | 24C08 [TSSOP8]                           | (121)        |
| Tianchuang Tech. | 24C08A                                   |              |
| Tianchuang Tech. | 24C08A (ISP)                             | (138)        |
| Tianchuang Tech. | 24C08A [SOP8]                            | (950)        |
| Tianchuang Tech. | 24C08A [TSSOP8]                          | (121)        |
| Tianchuang Tech. | 24C16                                    |              |
| Tianchuang Tech. | 24C16 (ISP)                              | (138)        |
| Tianchuang Tech. | 24C16 [SOP8]                             | (950)        |
| Tianchuang Tech. | 24C16 [TSSOP8]                           | (121)        |
| Tianchuang Tech. | 24C16A                                   |              |
| Tianchuang Tech. | 24C16A (ISP)                             | (138)        |
| Tianchuang Tech. | 24C16A [SOP8]                            | (950)        |
| Tianchuang Tech. | 24C16A [TSSOP8]                          | (121)        |
| TMC              | 24A01                                    |              |
| TMC              | 24A01 (ISP)                              | (138)        |
| TMC              | 24A01 [SOP8]                             | (950)        |
| TMC              | 24A01 [TSSOP8]                           | (121)        |
| TMC              | 24A02                                    |              |
| TMC              | 24A02 (ISP)                              | (138)        |
| TMC              | 24A02 [SOP8]                             | (950)        |
| TMC              | 24A02 [SOT25]                            | (523)        |
| TMC              | 24A02 [TSSOP8]                           | (121)        |
| TMC              | 24A04                                    |              |
| TMC              | 24A04 (ISP)                              | (138)        |
| TMC              | 24A04 [SOP8]                             | (950)        |

|         |                           |             |
|---------|---------------------------|-------------|
| TMC     | 24A04 [TSSOP8]            | (121)       |
| TMC     | 24A08                     |             |
| TMC     | 24A08 (ISP)               | (138)       |
| TMC     | 24A08 [SOP8]              | (950)       |
| TMC     | 24A08 [SOT25]             | (523)       |
| TMC     | 24A08 [TSSOP8]            | (121)       |
| TMC     | 24A16                     |             |
| TMC     | 24A16 (ISP)               | (138)       |
| TMC     | 24A16 [SOP8]              | (950)       |
| TMC     | 24A16 [SOT25]             | (523)       |
| TMC     | 24A16 [TSSOP8]            | (121)       |
| TMC     | 93LC46 (x16)              |             |
| TMC     | 93LC46 (x16) (ISP)        | (138)       |
| TMC     | 93LC46 (x16) [SOIC8]      | (950)       |
| TMC     | 93LC46 (x16) [TSSOP8]     | (121)       |
| TMC     | 93LC46 (x8)               |             |
| TMC     | 93LC46 (x8) (ISP)         | (138)       |
| TMC     | 93LC46 (x8) [SOIC8]       | (950)       |
| TMC     | 93LC46 (x8) [TSSOP8]      | (121)       |
| TMC     | 93LC56 (x16)              |             |
| TMC     | 93LC56 (x16) (ISP)        | (138)       |
| TMC     | 93LC56 (x16) [SOIC8]      | (950)       |
| TMC     | 93LC56 (x16) [TSSOP8]     | (121)       |
| TMC     | 93LC56 (x8)               |             |
| TMC     | 93LC56 (x8) (ISP)         | (138)       |
| TMC     | 93LC56 (x8) [SOIC8]       | (950)       |
| TMC     | 93LC56 (x8) [TSSOP8]      | (121)       |
| TMC     | 93LC57 (x16)              |             |
| TMC     | 93LC57 (x16) (ISP)        | (138)       |
| TMC     | 93LC57 (x16) [SOIC8]      | (950)       |
| TMC     | 93LC57 (x16) [TSSOP8]     | (121)       |
| TMC     | 93LC57 (x8)               |             |
| TMC     | 93LC57 (x8) (ISP)         | (138)       |
| TMC     | 93LC57 (x8) [SOIC8]       | (950)       |
| TMC     | 93LC57 (x8) [TSSOP8]      | (121)       |
| TMC     | 93LC66 (x16)              |             |
| TMC     | 93LC66 (x16) (ISP)        | (138)       |
| TMC     | 93LC66 (x16) [SOIC8]      | (950)       |
| TMC     | 93LC66 (x16) [TSSOP8]     | (121)       |
| TMC     | 93LC66 (x8)               |             |
| TMC     | 93LC66 (x8) (ISP)         | (138)       |
| TMC     | 93LC66 (x8) [SOIC8]       | (950)       |
| TMC     | 93LC66 (x8) [TSSOP8]      | (121)       |
| TMC     | 93LC86 (x16)              |             |
| TMC     | 93LC86 (x16) (ISP)        | (138)       |
| TMC     | 93LC86 (x16) [SOIC8]      | (950)       |
| TMC     | 93LC86 (x16) [TSSOP8]     | (121)       |
| TMC     | 93LC86 (x8)               |             |
| TMC     | 93LC86 (x8) (ISP)         | (138)       |
| TMC     | 93LC86 (x8) [SOIC8]       | (950)       |
| TMC     | 93LC86 (x8) [TSSOP8]      | (121)       |
| TOPRO   | TP2804H                   |             |
| TOPRO   | TP2804H [PLCC44]          | (67)        |
| TOPRO   | TP2804H [PQFP44]          | (108)       |
| TOPRO   | TP2804L                   |             |
| TOPRO   | TP2804L [PLCC44]          | (67)        |
| TOPRO   | TP2804L [PQFP44]          | (108)       |
| TOPRO   | TP2808H                   |             |
| TOPRO   | TP2808H [PLCC44]          | (67)        |
| TOPRO   | TP2808H [PQFP44]          | (108)       |
| TOPRO   | TP2808L                   |             |
| TOPRO   | TP2808L [PLCC44]          | (67)        |
| TOPRO   | TP2808L [PQFP44]          | (108)       |
| Toshiba | Down1. JIG (MBM29LV650U)  | (239)       |
| Toshiba | F-ROM-220 (2xLH28F0165U)  | (102)       |
| Toshiba | F-ROM-220 (2xLH28F160S5)  | (102)       |
| Toshiba | T5CN5 [LQFP100]           | (1496)      |
| Toshiba | T5CV1DFG [QFP100]         | (2127)      |
| Toshiba | TC24256                   |             |
| Toshiba | TC531000 CE=H             |             |
| Toshiba | TC531000 CE=L             |             |
| Toshiba | TC531001                  |             |
| Toshiba | TC531001 [SOP32]          | (98)        |
| Toshiba | TC5332204                 |             |
| Toshiba | TC5332205                 |             |
| Toshiba | TC5364205                 |             |
| Toshiba | TC541000A                 |             |
| Toshiba | TC541000A [SOP32]         | (98)        |
| Toshiba | TC541001A                 |             |
| Toshiba | TC541001A [SOP32]         | (98)        |
| Toshiba | TC54256A                  |             |
| Toshiba | TC54256A [SOIC28]         | (53)        |
| Toshiba | TC544000                  |             |
| Toshiba | TC544000 [SOP32]          | (98)        |
| Toshiba | TC544000A                 |             |
| Toshiba | TC544000A [SOP32]         | (98)        |
| Toshiba | TC544096                  |             |
| Toshiba | TC544096 [SOP40]          | (98)        |
| Toshiba | TC544200                  |             |
| Toshiba | TC544200 [SOP40]          | (98)        |
| Toshiba | TC54512A                  |             |
| Toshiba | TC54512A [SOIC28]         | (53)        |
| Toshiba | TC54H1000A                |             |
| Toshiba | TC54H1000A [SOP32]        | (98)        |
| Toshiba | TC54H1001A                |             |
| Toshiba | TC54H1001A [SOP32]        | (98)        |
| Toshiba | TC54H1024A                |             |
| Toshiba | TC54H1024A [SOP40]        | (98)        |
| Toshiba | TC571000                  |             |
| Toshiba | TC571000A                 |             |
| Toshiba | TC571001                  |             |
| Toshiba | TC571001A                 |             |
| Toshiba | TC571024                  |             |
| Toshiba | TC5716200                 |             |
| Toshiba | TC572000                  |             |
| Toshiba | TC57256                   |             |
| Toshiba | TC57256A                  |             |
| Toshiba | TC57256D                  |             |
| Toshiba | TC574000                  |             |
| Toshiba | TC574000A                 |             |
| Toshiba | TC574096                  |             |
| Toshiba | TC574200                  |             |
| Toshiba | TC57512A                  |             |
| Toshiba | TC578200                  |             |
| Toshiba | TC57C1025A                |             |
| Toshiba | TC57H1000A                |             |
| Toshiba | TC57H1001A                |             |
| Toshiba | TC57H1024A                |             |
| Toshiba | TC57H1025A                |             |
| Toshiba | TC57H256                  |             |
| Toshiba | TC58128AFT [TSOP48]       | (1266) (*1) |
| Toshiba | TC5816AFT [TSOP44]        | (149)       |
| Toshiba | TC5816BFT [TSOP44]        | (149)       |
| Toshiba | TC5816FT [TSOP44]         | (149)       |
| Toshiba | TC58256AFT [TSOP48]       | (1266) (*1) |
| Toshiba | TC58256FT [TSOP48]        | (1266) (*1) |
| Toshiba | TC58BVG053HBAI4 [TFBGA63] | (4541)      |
| Toshiba | TC58BVG053HTA00 [TSOP48]  | (1266) (*1) |

|         |                         |                     |                    |
|---------|-------------------------|---------------------|--------------------|
| Toshiba | TC58BVG0S3HTAI0         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58BVG1S3HBAI4         | [TFBGA63]           | (4541)             |
| Toshiba | TC58BVG1S3HBAI6         | [VFBGA67]           | (3126)             |
| Toshiba | TC58BVG1S3HTA00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58BVG1S3HTAI0         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58BYG0S3HBAI4         | [TFBGA63]           | (4541)             |
| Toshiba | TC58BYG0S3HBAI6         | [VFBGA67]           | (3126)             |
| Toshiba | TC58BYG1S3HBAI6         | [VFBGA67]           | (3126)             |
| Toshiba | TC58CVG0S3HRAIG         | [WSON8]             | (4914) (*1)        |
| Toshiba | TC58CVG1S3HRAIG         | [WSON8]             | (4914) (*1)        |
| Toshiba | TC58CVG2S0HRAIG         | [WSON8]             | (4914) (*1)        |
| Toshiba | TC58CYG0S3HRAIG         | [WSON8]             | (4971)             |
| Toshiba | TC58CYG2S0HRAIG         | [WSON8]             | (4971)             |
| Toshiba | TC58DVG02A1FT00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58DVG02A5TA00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58DVG02D5TAI0         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58DVG3S0ETA00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58DVG3S0ETA00         | [TSOP48] (LGE-22)   | (1266) (*1)        |
| Toshiba | TC58DVG3S0ETA00         | [TSOP48] (LGE-24)   | (1266) (*1)        |
| Toshiba | TC58DVG3S0ETA00         | [TSOP48] (LGE-27)   | (1266) (*1)        |
| Toshiba | TC58DMV72A1FT00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58DMV82A1FT00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58DMV82A1FTI0         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58DMV82F1FT00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58DMV92A1FT00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58DMV92A1FTI0         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58DMV92A5BAJ3         | [TFBGA63]           | (879)              |
| Toshiba | TC58DMV92A5TA00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58DMV92A5TA00         | [TSOP48] (T&W-01)   | (1266) (*1)        |
| Toshiba | TC58DMV92F1TGI0         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58DYG02D5BAI4         | [TFBGA63]           | (4541)             |
| Toshiba | TC58F010                |                     |                    |
| Toshiba | TC58F010 [PLCC32]       |                     | (1399)             |
| Toshiba | TC58F010 [R-TSOP32]     |                     | (655)              |
| Toshiba | TC58F010 [TSOP32]       |                     | (655)              |
| Toshiba | TC58F400F [PSOP44]      |                     | (1356)             |
| Toshiba | TC58F400FT [TSOP48]     |                     | (1346)             |
| Toshiba | TC58F401F [PSOP44]      |                     | (1356)             |
| Toshiba | TC58F401FT [TSOP48]     |                     | (1346)             |
| Toshiba | TC58FVB004FT [TSOP40]   |                     | (1368)             |
| Toshiba | TC58FVB008FT [TSOP40]   |                     | (1368)             |
| Toshiba | TC58FVB016FT [TSOP40]   |                     | (1368)             |
| Toshiba | TC58FVB160 [TSOP48]     |                     | (1346)             |
| Toshiba | TC58FVB160A [TSOP48]    |                     | (1346)             |
| Toshiba | TC58FVB160AXB [TFBGA48] |                     | (760)              |
| Toshiba | TC58FVB321FT [TSOP48]   |                     | (1346)             |
| Toshiba | TC58FVB400F [PSOP44]    |                     | (1356)             |
| Toshiba | TC58FVB400FT [TSOP48]   |                     | (1346)             |
| Toshiba | TC58FVB641FT [TSOP48]   |                     | (1346)             |
| Toshiba | TC58FVB800F [PSOP44]    |                     | (1356)             |
| Toshiba | TC58FVB800FT [TSOP48]   |                     | (1346)             |
| Toshiba | TC58FVM5B2A [TSOP48]    |                     | (1346)             |
| Toshiba | TC58FVM5B3A [TSOP48]    |                     | (1346)             |
| Toshiba | TC58FVM5T2A [TSOP48]    |                     | (1346)             |
| Toshiba | TC58FVM5T3A [TSOP48]    |                     | (1346)             |
| Toshiba | TC58FVM6B2A [TSOP48]    |                     | (1346)             |
| Toshiba | TC58FVM6B5BTG [TSOP48]  |                     | (1346)             |
| Toshiba | TC58FVM6B5BXG [TFBGA56] |                     | (780)              |
| Toshiba | TC58FVM6T2A [TSOP48]    |                     | (1346)             |
| Toshiba | TC58FVM6T5BTG [TSOP48]  |                     | (1346)             |
| Toshiba | TC58FVM6T5BXG [TFBGA56] |                     | (780)              |
| Toshiba | TC58FVM7B2ATG [TSOP56]  |                     | (3080)             |
| Toshiba | TC58FVM7B5BTG [TSOP56]  |                     | (3080)             |
| Toshiba | TC58FVM7B5BXG [TFBGA80] |                     | (690)              |
| Toshiba | TC58FVM7T2ATG [TSOP56]  |                     | (3080)             |
| Toshiba | TC58FVM7T5BTG [TSOP56]  |                     | (3080)             |
| Toshiba | TC58FVM7T5BXG [TFBGA80] |                     | (690)              |
| Toshiba | TC58FVT004FT [TSOP40]   |                     | (1368)             |
| Toshiba | TC58FVT008FT [TSOP40]   |                     | (1368)             |
| Toshiba | TC58FVT016FT [TSOP40]   |                     | (1368)             |
| Toshiba | TC58FVT160 [TSOP48]     |                     | (1346)             |
| Toshiba | TC58FVT160A [TSOP48]    |                     | (1346)             |
| Toshiba | TC58FVT160AXB [TFBGA48] |                     | (760)              |
| Toshiba | TC58FVT321FT [TSOP48]   |                     | (1346)             |
| Toshiba | TC58FVT400F [PSOP44]    |                     | (1356)             |
| Toshiba | TC58FVT400FT [TSOP48]   |                     | (1346)             |
| Toshiba | TC58FVT641FT [TSOP48]   |                     | (1346)             |
| Toshiba | TC58FVT800F [PSOP44]    |                     | (1356)             |
| Toshiba | TC58FVT800FT [TSOP48]   |                     | (1346)             |
| Toshiba | TC58NVG0S3AFT05         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG0S3CTA00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG0S3CTA00         | [TSOP48] (FOX-02)   | (1266) (*1)        |
| Toshiba | TC58NVG0S3EBAI4         | [TFBGA63]           | (4541)             |
| Toshiba | TC58NVG0S3EBAI4         | [TFBGA63] (JAB-SG)  | (4541) (9999)      |
| Toshiba | TC58NVG0S3EBAI7         | [TFBGA63]           | (4541)             |
| Toshiba | TC58NVG0S3EBAI7         | [TFBGA63] (KAON-01) | (4541)             |
| Toshiba | TC58NVG0S3ETA00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG0S3ETA00         | [TSOP48] (EPS-1)    | (1266) (9999) (*1) |
| Toshiba | TC58NVG0S3ETA00         | [TSOP48] (T&W-01)   | (1266) (*1)        |
| Toshiba | TC58NVG0S3ETA0B         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG0S3ETA0B         | [TSOP48] (LGE-21)   | (1266) (*1)        |
| Toshiba | TC58NVG0S3ETA0B         | [TSOP48] (LGE-26)   | (1266) (*1)        |
| Toshiba | TC58NVG0S3ETA0B         | [TSOP48] (LGE-30)   | (1266) (*1)        |
| Toshiba | TC58NVG0S3ETA0B         | [TSOP48] (LGE-34)   | (1266) (*1)        |
| Toshiba | TC58NVG0S3ETAI0         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG0S3HBAI4         | [TFBGA63]           | (4541)             |
| Toshiba | TC58NVG0S3HBAI4         | [TFBGA63] (EPS-11)  | (4541) (9999)      |
| Toshiba | TC58NVG0S3HBAI6         | [VFBGA67]           | (3126)             |
| Toshiba | TC58NVG0S3HBAI6         | [VFBGA67] (LGE-58)  | (3126)             |
| Toshiba | TC58NVG0S3HTA00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG0S3HTA00         | [TSOP48] (LGE-41)   | (1266) (*1)        |
| Toshiba | TC58NVG0S3HTA00         | [TSOP48] (LGE-48)   | (1266) (*1)        |
| Toshiba | TC58NVG0S3HTA00         | [TSOP48] (LGE-50)   | (1266) (*1)        |
| Toshiba | TC58NVG0S3HTA00         | [TSOP48] (LGE-55)   | (1266) (*1)        |
| Toshiba | TC58NVG1D4BTGI0         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG1S3BFT00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG1S3EBAI4         | [TFBGA63]           | (4541)             |
| Toshiba | TC58NVG1S3EBAI4         | [TFBGA63] (EPS-11)  | (4541) (9999)      |
| Toshiba | TC58NVG1S3EBAI5         | [TFBGA63]           | (1563)             |
| Toshiba | TC58NVG1S3EBAI5         | [TFBGA63] (SAM-01)  | (1563) (9999)      |
| Toshiba | TC58NVG1S3ETA00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG1S3ETA00         | [TSOP48] (LGE-32)   | (1266) (*1)        |
| Toshiba | TC58NVG1S3ETA00         | [TSOP48] (LGE-38)   | (1266) (*1)        |
| Toshiba | TC58NVG1S3ETA00         | [TSOP48] (T&W-01)   | (1266) (*1)        |
| Toshiba | TC58NVG1S3ETAI0         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG1S3HBAI4         | [TFBGA63]           | (4541)             |
| Toshiba | TC58NVG1S3HBAI4         | [TFBGA63] (EPS-18)  | (4541) (9999)      |
| Toshiba | TC58NVG1S3HBAI6         | [VFBGA67]           | (3126)             |
| Toshiba | TC58NVG1S3HTA00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG1S3HTA00         | [TSOP48] (LGE-42)   | (1266) (*1)        |
| Toshiba | TC58NVG1S3HTA00         | [TSOP48] (LGE-51)   | (1266) (*1)        |
| Toshiba | TC58NVG1S3HTAI0         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG2D4BTGI0         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG2D4CTG00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG2S0FTA00         | [TSOP48]            | (1266) (*1)        |
| Toshiba | TC58NVG2S0HBAI4         | [TFBGA63]           | (4541)             |
| Toshiba | TC58NVG2S0HBAI6         | [VFBGA67]           | (3126)             |
| Toshiba | TC58NVG2S0HTA00         | [TSOP48]            | (1266) (*1)        |

|         |                      |            |              |        |            |
|---------|----------------------|------------|--------------|--------|------------|
| Toshiba | TC58NVG2S0HTA00      | [TSOP48]   | (LGE-47)     | (1266) | (*1)       |
| Toshiba | TC58NVG2S0HTAI0      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NVG2S3EBAI5      | [TFBGA63]  |              | (1563) |            |
| Toshiba | TC58NVG2S3ETA00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NVG2S3ETA00      | [TSOP48]   | (LGE-16)     | (1266) | (*1)       |
| Toshiba | TC58NVG2S3ETA00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NVG3D1DTG00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NVG3D4CTG00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NVG3D4CTGI0      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NVG3S0ETA00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NVG3S0FBAID      | [TFBGA63]  |              | (2934) |            |
| Toshiba | TC58NVG3S0FBAID      | [TFBGA63]  | (Huawei-C01) | (2934) | (9999)     |
| Toshiba | TC58NVG3S0FTA00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NVG3S0FTAI0      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NVG4D1DTG00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NVG4D2ETA00      | [TSOP48]   |              | (1574) | (*1)       |
| Toshiba | TC58NVG4D2FTA00      | [TSOP48]   |              | (1574) | (*1)       |
| Toshiba | TC58NVG4D2HTA00      | [TSOP48]   |              | (1574) | (*1)       |
| Toshiba | TC58NVG4T2ETA00      | [TSOP48]   |              | (1574) | (*1)       |
| Toshiba | TC58NVG5D2FTA00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NVG6D2GTA00      | [TSOP48]   |              | (1574) | (*1)       |
| Toshiba | TC58NVM9S3ETA00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NYG0S3EBAI4      | [TFBGA63]  |              | (4541) |            |
| Toshiba | TC58NYG1S3EBAI5      | [TFBGA63]  |              | (1563) |            |
| Toshiba | TC58NYG1S3ETA00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NYG1S3ETA00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TC58NYG1S3HBAI4      | [TFBGA63]  |              | (4541) |            |
| Toshiba | TC58NYG2S0HBAI4      | [TFBGA63]  |              | (4541) |            |
| Toshiba | TC58RYG0S8E [FBGA63] |            |              | (1460) |            |
| Toshiba | TC58RYG1S8E [FBGA63] |            |              | (1460) |            |
| Toshiba | TC58TEG6DDLTA00      | [TSOP48]   |              | (4896) |            |
| Toshiba | TC58V32AFT           | [TSOP44]   |              | (149)  |            |
| Toshiba | TC58V64AFT           | [TSOP44]   |              | (149)  |            |
| Toshiba | TC58V64BFT           | [TSOP44]   |              | (149)  |            |
| Toshiba | TC89101P             |            |              |        |            |
| Toshiba | TC89102P             |            |              |        |            |
| Toshiba | TC89112              |            |              |        |            |
| Toshiba | TC89112 (ISP)        |            |              | (138)  |            |
| Toshiba | TC89113              |            |              |        |            |
| Toshiba | TC89113 (ISP)        |            |              | (138)  |            |
| Toshiba | TC89121M [SOIC8]     |            |              | (950)  |            |
| Toshiba | TC89121P             |            |              |        |            |
| Toshiba | TC89122M [SOIC8]     |            |              | (950)  |            |
| Toshiba | TC89122P             |            |              |        |            |
| Toshiba | TC97101              |            |              |        |            |
| Toshiba | TC9WMB1 (ISP)        |            |              | (138)  |            |
| Toshiba | TC9WMB1A (ISP)       |            |              | (138)  |            |
| Toshiba | TC9WMB1A [SM8]       |            |              | (714)  |            |
| Toshiba | TC9WMB2 (ISP)        |            |              | (138)  |            |
| Toshiba | TC9WMB2A (ISP)       |            |              | (138)  |            |
| Toshiba | TC9WMB2A [SM8]       |            |              | (714)  |            |
| Toshiba | TC9WMB4 (ISP)        |            |              | (138)  |            |
| Toshiba | TC9WMB4 [SM8]        |            |              | (714)  |            |
| Toshiba | TC9WMB8 (ISP)        |            |              | (138)  |            |
| Toshiba | TC9WMC1 (ISP)        |            |              | (138)  |            |
| Toshiba | TC9WMC1 [SM8]        |            |              | (714)  |            |
| Toshiba | TC9WMC2 (ISP)        |            |              | (138)  |            |
| Toshiba | TC9WMC2 [SM8]        |            |              | (714)  |            |
| Toshiba | TH58BVG2S3HBAI4      | [TFBGA63]  |              | (4541) |            |
| Toshiba | TH58BVG2S3HTA00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58BVG3S0HTAI0      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58BYG3S0HBAI6      | [VFBGA67]  |              | (3126) |            |
| Toshiba | TH58NVG1S3AFT05      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG1S3BFT05      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG2S3BTG00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG2S3HTA00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG3S0HBAI4      | [TFBGA63]  |              | (4541) |            |
| Toshiba | TH58NVG3S0HTA00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG3S0HTAI0      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG4D4CTG00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG4H0ETA20      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG4H0ETA00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG4S0FBAID      | [TFBGA63]  |              | (2934) |            |
| Toshiba | TH58NVG4S0FTA20      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG5D1DTG00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG5D1DTG20      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG5D4CTG20      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG5H0ETA20      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG5S0FTA20      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG5S0FTA00      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG6D1DTG20      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG6D1DTG80      | [TSOP48]   |              | (1266) | (*1)       |
| Toshiba | TH58NVG6D2ETA20      | [TSOP48]   |              | (1574) | (*1)       |
| Toshiba | TH58NVG6D2FTA20      | [TSOP48]   |              | (1574) | (*1)       |
| Toshiba | TH58NVG7D2FTA20      | [TSOP48]   |              | (1574) | (*1)       |
| Toshiba | TH58NVG7D2FTAK0      | [TSOP48]   |              | (1574) | (*1)       |
| Toshiba | TH58NVG7S2FTA30      | [TSOP48]   |              | (1574) | (*1)       |
| Toshiba | TH58NYG2S3HBAI4      | [TFBGA63]  |              | (4541) |            |
| Toshiba | TH58NYG3S0HBAI4      | [TFBGA63]  |              | (4541) |            |
| Toshiba | TH58TEG7DDKTA20      | [TSOP48]   |              | (4896) |            |
| Toshiba | THGBM1G4D1EBAI7      | [BGA169]   |              | (2392) | (*1)       |
| Toshiba | THGBM1G5D2EBAI7      | [BGA169]   |              | (2392) | (*1)       |
| Toshiba | THGBM1G6D4EBAI4      | [BGA169]   |              | (2432) |            |
| Toshiba | THGBM1G7D4EBAI2      | [BGA169]   |              | (2577) | (*1)       |
| Toshiba | THGBM1G7D8EBAI0      | [BGA169]   |              | (2432) |            |
| Toshiba | THGBM1G8D8EBAI2      | [BGA169]   |              | (2577) | (*1)       |
| Toshiba | THGBM2G6D2FBAI9      | [TFBGA169] |              | (2392) | (*1)       |
| Toshiba | THGBM2G7D4FBAI9      | [TFBGA169] |              | (2392) | (*1)       |
| Toshiba | THGBM2G8D8FBAI8      | [FBGA169]  |              | (2392) | (*1)       |
| Toshiba | THGBM3G4D1FBAIG      | [TFBGA153] |              | (2578) | (*1)       |
| Toshiba | THGBM3G5D1FBAIE      | [TFBGA169] |              | (2392) | (*1)       |
| Toshiba | THGBM3G6D2FBAIE      | [TFBGA169] |              | (2392) | (*1)       |
| Toshiba | THGBM4G4D1HBAIR      | [VFBGA153] |              | (2634) | (*1)       |
| Toshiba | THGBM4G5D1HBAIR      | [VFBGA153] |              | (2634) | (*1)       |
| Toshiba | THGBM4G6D2HBAIR      | [VFBGA153] |              | (2634) | (*1)       |
| Toshiba | THGBM4G7D2GBAIE      | [TFBGA169] |              | (2392) | (*1)       |
| Toshiba | THGBM4G8D4GBAIE      | [TFBGA169] |              | (2392) | (*1)       |
| Toshiba | THGBM5G5A1JBAIR      | [VFBGA153] |              | (2634) | (*1)       |
| Toshiba | THGBM5G6A2JBAIR      | [VFBGA153] |              | (2634) | (*1)       |
| Toshiba | THGBM5G6A2JBAIR      | [VFBGA153] | (IBM)        | (2634) | (*1)       |
| Toshiba | THGBM5G7A2JBAIR      | [VFBGA153] |              | (2634) | (*1)       |
| Toshiba | THGBMAG5A1JBAIR      | [VFBGA153] |              | (2634) | (*1)       |
| Toshiba | THGBMAG5A1JBAIR      | [VFBGA153] | (LGE_BOOT)   | (2634) | (*1)       |
| Toshiba | THGBMAG5A1JBAWR      | [VFBGA153] |              | (2634) | (*1)       |
| Toshiba | THGBMAG6A2JBAAR      | [VFBGA153] |              | (2634) | (*1)       |
| Toshiba | THGBMAG6A2JBAIR      | [VFBGA153] |              | (2634) | (*1)       |
| Toshiba | THGBMAG7A2JBAIR      | [VFBGA153] |              | (2634) | (*1)       |
| Toshiba | THGBMAG8A4JBA4R      | [VFBGA153] |              | (2634) | (*1)       |
| Toshiba | THGBMAG8B4JBAAM      | [VFBGA169] |              | (2693) | (*1)       |
| Toshiba | THGBMAG8B4JBAIM      | [VFBGA169] |              | (2693) | (*1)       |
| Toshiba | THGBMAG9A8JBA4G      | [TFBGA153] |              | (2578) | (*1)       |
| Toshiba | THGBMBG5D1KBAIL      | [WFBGA153] |              | (3149) | (*1)       |
| Toshiba | THGBMBG5D1KBAIL      | [WFBGA153] | (LGa)        | (3149) | (9999)(*1) |
| Toshiba | THGBMBG5D1KBAIL      | [WFBGA153] | (LGE_BOOT)   | (3149) | (*1)       |
| Toshiba | THGBMBG5D1KBAIL      | [WFBGA153] | (LGE_HEAD)   | (3149) | (*1)       |
| Toshiba | THGBMBG5D1KBAIT      | [WFBGA153] |              | (3256) | (*1)       |
| Toshiba | THGBMBG6D1KBAIL      | [WFBGA153] |              | (3149) | (*1)       |
| Toshiba | THGBMBG6D1KBAIL      | [WFBGA153] | (LGa)        | (3149) | (9999)(*1) |

|         |                    |              |            |                    |
|---------|--------------------|--------------|------------|--------------------|
| Toshiba | THGBMBG6D1KBAIL    | [WFBGA153]   | (LGE_BOOT) | (3149) (*1)        |
| Toshiba | THGBMBG7D2KBAIL    | [WFBGA153]   |            | (3149) (*1)        |
| Toshiba | THGBMBG7D2KBAIL    | [WFBGA153]   | (LGa)      | (3149) (9999) (*1) |
| Toshiba | THGBMBG8D4KBAIR    | [VFBGA153]   |            | (3148) (*1)        |
| Toshiba | THGBMDG5D1LBAIL    | [WFBGA153]   |            | (3149) (*1)        |
| Toshiba | THGBMDG5D1LBAIL    | [WFBGA153]   | (ECSD175)  | (3149) (*1)        |
| Toshiba | THGBMDG5D1LBAIT    | [WFBGA153]   |            | (3256) (*1)        |
| Toshiba | THGBMDG5D1LBAIT    | [WFBGA153]   | (LGE_HEAD) | (3256) (*1)        |
| Toshiba | THGBMFG6C1LBAIL    | [WFBGA153]   |            | (3149) (*1)        |
| Toshiba | THGBMFG6C1LBAIL    | [WFBGA153]   | (LGa)      | (3149) (9999) (*1) |
| Toshiba | THGBMFG6C1LBAIL    | [WFBGA153]   | (LGE_BOOT) | (3149) (*1)        |
| Toshiba | THGBMFG6C1LBAIL    | [WFBGA153]   | (LGE_HEAD) | (3149) (*1)        |
| Toshiba | THGBMFG7C1LBAIL    | [WFBGA153]   |            | (3149) (*1)        |
| Toshiba | THGBMFG7C1LBAIL    | [WFBGA153]   | (LGE_HEAD) | (3149) (*1)        |
| Toshiba | THGBMFG7C2LBAIL    | [WFBGA153]   |            | (3149) (*1)        |
| Toshiba | THGBMFG8C4LBAIR    | [VFBGA153]   |            | (3148) (*1)        |
| Toshiba | THGBMGT0U8LBAIG    | [TFBGA153]   |            | (3147) (*1)        |
| Toshiba | THGBMHG6C1LBAAL    | [WFBGA153]   |            | (3149) (*1)        |
| Toshiba | THGBMHG6C1LBAIL    | [WFBGA153]   |            | (3149) (*1)        |
| Toshiba | THGBMHG6C1LBAU6    | [WFBGA153]   |            | (3149) (*1)        |
| Toshiba | THGBMHG6C1LBAWL    | [WFBGA153]   |            | (3149) (*1)        |
| Toshiba | THGBMHG7C1LBAIL    | [WFBGA153]   |            | (3149) (*1)        |
| Toshiba | THGBMHG7C2LBAAR    | [VFBGA153]   |            | (3148) (*1)        |
| Toshiba | THGBMHG7C2LBAAR-ES | [VFBGA153]   |            | (3148) (*1)        |
| Toshiba | THGBMHG7C2LBAIL    | [WFBGA153]   |            | (3149) (*1)        |
| Toshiba | THGBMHG7C2LBAU7    | [VFBGA153]   |            | (3148) (*1)        |
| Toshiba | THGBMHG7C2LBAWR    | [VFBGA153]   |            | (3148) (*1)        |
| Toshiba | THGBMHG8C2LBAIL    | [WFBGA153]   |            | (3149) (*1)        |
| Toshiba | THGBMHG8C4LBAAR    | [VFBGA153]   |            | (3148) (*1)        |
| Toshiba | THGBMHG8C4LBAAR-ES | [VFBGA153]   |            | (3148) (*1)        |
| Toshiba | THGBMHG8C4LBAIR    | [VFBGA153]   |            | (3148) (*1)        |
| Toshiba | THGBMHG8C4LBAU7    | [VFBGA153]   |            | (3148) (*1)        |
| Toshiba | THGBMHG8C4LBAWR    | [VFBGA153]   |            | (3148) (*1)        |
| Toshiba | THGBMHG9C4LBAIR    | [VFBGA153]   |            | (3148) (*1)        |
| Toshiba | THGBMHG9C4LBAIR    | [VFBGA153]   | (LGE_HEAD) | (3148) (*1)        |
| Toshiba | THGBMHG9C8LBAIG    | [TFBGA153]   |            | (3147) (*1)        |
| Toshiba | THGBMHG9C8LBAU8    | [TFBGA153]   |            | (3147) (*1)        |
| Toshiba | THGBMHG9C8LBAWG    | [TFBGA153]   |            | (3147) (*1)        |
| Toshiba | THGBMHT0C8LBAIG    | [TFBGA153]   |            | (3147) (*1)        |
| Toshiba | THGBMNG5D1LBAIL    | [WFBGA153]   |            | (3149) (*1)        |
| Toshiba | THGBMNG5D1LBAIT    | [WFBGA153]   |            | (3256) (*1)        |
| Toshiba | THGBMNG5D1LBAIT    | [WFBGA153]   | (LGE_HEAD) | (3256) (*1)        |
| Toshiba | THGVN0G4D1DTG00    | [TSOP48]     |            | (1266) (*1)        |
| Toshiba | THGVN0G5D2DTG00    | [TSOP48]     |            | (1266) (*1)        |
| Toshiba | TMM24128A          |              |            |                    |
| Toshiba | TMM24128A          | [SOIC28]     |            | (53)               |
| Toshiba | TMM24256A          |              |            |                    |
| Toshiba | TMM24256A          | [SOIC28]     |            | (53)               |
| Toshiba | TMM24256B          |              |            |                    |
| Toshiba | TMM24256B          | [SOIC28]     |            | (53)               |
| Toshiba | TMM24512           |              |            |                    |
| Toshiba | TMM24512           | [SOIC28]     |            | (53)               |
| Toshiba | TMM24512A          |              |            |                    |
| Toshiba | TMM24512A          | [SOIC28]     |            | (53)               |
| Toshiba | TMM2464A           |              |            |                    |
| Toshiba | TMM2464A           | [SOIC28]     |            | (53)               |
| Toshiba | TMM27128           |              |            |                    |
| Toshiba | TMM27128A          |              |            |                    |
| Toshiba | TMM27256           |              |            |                    |
| Toshiba | TMM27256A          |              |            |                    |
| Toshiba | TMM27256B          |              |            |                    |
| Toshiba | TMM27256D          |              |            |                    |
| Toshiba | TMM2732            |              |            |                    |
| Toshiba | TMM27512           |              |            |                    |
| Toshiba | TMM27512A          |              |            |                    |
| Toshiba | TMM2764            |              |            |                    |
| Toshiba | TMM2764A           |              |            |                    |
| Toshiba | TMM323D            |              |            |                    |
| Toshiba | TMP47P201VP        |              |            | (296)              |
| Toshiba | TMP47P202VM        | [SOP20]      |            | (297)              |
| Toshiba | TMP47P202VP        |              |            | (296)              |
| Toshiba | TMP47P206VM        | [SOP20]      |            | (269)              |
| Toshiba | TMP47P206VP        |              |            | (268)              |
| Toshiba | TMP47P241VM        | [SOP28]      |            | (4080)             |
| Toshiba | TMP47P241VMG       | [SOP28]      |            | (4080)             |
| Toshiba | TMP47P241VN        | [SDIP28]     |            | (300)              |
| Toshiba | TMP47P403VM        | [SOP28]      |            | (299)              |
| Toshiba | TMP47P403VN        | [SDIP28]     |            | (298)              |
| Toshiba | TMP47P422VF        | [QFP44]      |            | (294)              |
| Toshiba | TMP47P422VN        | [SDIP42]     |            | (293)              |
| Toshiba | TMP47P422VU        | [QFP44]      |            | (295)              |
| Toshiba | TMP47P443VDM       | [SSOP30]     |            | (292)              |
| Toshiba | TMP47P443VM        | [SOP28]      |            | (291)              |
| Toshiba | TMP47P443VMG       | [SOP28]      |            | (2825)             |
| Toshiba | TMP47P443VN        | [SDIP28]     |            | (290)              |
| Toshiba | TMP8048P           |              |            |                    |
| Toshiba | TMP8049P           |              |            |                    |
| Toshiba | TMP8050P           |              |            |                    |
| Toshiba | TMP86F409NG        | [SDIP32]     |            | (175)              |
| Toshiba | TMP86F809NG        | [SDIP32]     |            | (175)              |
| Toshiba | TMP86FH09AMG       | [SOP32]      |            | (233)              |
| Toshiba | TMP86FH09ANG       | [SDIP32]     |            | (175)              |
| Toshiba | TMP86FH09BNG       | [SDIP32]     |            | (175)              |
| Toshiba | TMP86FH09NG        | [SDIP32]     |            | (175)              |
| Toshiba | TMP86FH12MG        | [SSOP30]     |            | (1113)             |
| Toshiba | TMP86FH409NG       | [SDIP32]     |            | (175)              |
| Toshiba | TMP86FH47AUG       | [LQFP44]     |            | (94)               |
| Toshiba | TMP86FH47BUG       | [LQFP44]     |            | (94)               |
| Toshiba | TMP86FH92DMG       | [SSOP30]     |            | (1113)             |
| Toshiba | TMP86FM29UG        | [LQFP64]     |            | (1328)             |
| Toshiba | TMP86FS23UG        | [LQFP64]     |            | (1247)             |
| Toshiba | TMP86FS49AFG       | (ISP)        |            | (138) (9997)       |
| Toshiba | TMP86FS49AFG       | [QFP64]      |            | (1121)             |
| Toshiba | TMP86FS49BFG       | (ISP)        |            | (138) (9997)       |
| Toshiba | TMP86FS49BFG       | [QFP64]      |            | (1121)             |
| Toshiba | TMP86P202M         | [SOP20]      |            | (263)              |
| Toshiba | TMP86P202P         |              |            | (262)              |
| Toshiba | TMP86P203M         | [SOP20]      |            | (263)              |
| Toshiba | TMP86P203P         |              |            | (262)              |
| Toshiba | TMP86P807M         | [SOP28]      |            | (255)              |
| Toshiba | TMP86P807N         | [SDIP28]     |            | (261)              |
| Toshiba | TMP86P808DM        | [SSOP30]     |            | (254)              |
| Toshiba | TMP86P820F         | [QFP64]      |            | (250)              |
| Toshiba | TMP86P820U         | [LQFP64]     |            | (249)              |
| Toshiba | TMP86PH06N         | [SDIP42]     |            | (288)              |
| Toshiba | TMP86PH06U         | [LQFP44]     |            | (289)              |
| Toshiba | TMP86PH46NG        | [SDIP42]     |            | (164)              |
| Toshiba | TMP86PM29AF        | [QFP64]      |            | (250)              |
| Toshiba | TMP86PM29BU        | [LQFP64]     |            | (249)              |
| Toshiba | TMP86PM46N         | [SDIP42]     |            | (164)              |
| Toshiba | TMP86PM46NG        | [SDIP42]     |            | (164)              |
| Toshiba | TMP86PM47AUG       | [LQFP44]     |            | (94)               |
| Toshiba | TMP86PM47U         | [QFP44]      |            | (94)               |
| Toshiba | TMP86PM47UG        | [QFP44]      |            | (94)               |
| Toshiba | TMP86PM72FG        | [QFP64]      |            | (266)              |
| Toshiba | TMP86PM72FG        | [QFP64] (CS) |            | (1204)             |
| Toshiba | TMP86PM74AFG       | [QFP80]      |            | (258)              |
| Toshiba | TMP86PM87U         | [LQFP44]     |            | (257)              |

|         |              |                 |                     |
|---------|--------------|-----------------|---------------------|
| Toshiba | TMP86PS25F   | [QFP100]        | (251)               |
| Toshiba | TMP86PS43F   | [QFP80]         | (253)               |
| Toshiba | TMP86PS44U   | [LQFP44]        | (257)               |
| Toshiba | TMP86PS64F   | [QFP100]        | (259)               |
| Toshiba | TMP8748P     |                 |                     |
| Toshiba | TMP8755A     |                 |                     |
| Toshiba | TMP87P808LM  | [SOP28]         | (270)               |
| Toshiba | TMP87P808LN  | [SDIP28]        | (271)               |
| Toshiba | TMP87P808M   | [SOP28]         | (270)               |
| Toshiba | TMP87P808N   | [SDIP28]        | (271)               |
| Toshiba | TMP87P809M   | [SOP28]         | (270)               |
| Toshiba | TMP87P809N   | [SDIP28]        | (271)               |
| Toshiba | TMP87P844N   | [SDIP42]        | (304)               |
| Toshiba | TMP87PH00DF  | [QFP64]         | (287)               |
| Toshiba | TMP87PH00F   | [QFP64]         | (276)               |
| Toshiba | TMP87PH00LF  | [QFP64]         | (287)               |
| Toshiba | TMP87PH00N   | [SDIP64]        | (277)               |
| Toshiba | TMP87PH20F   | [QFP80]         | (272)               |
| Toshiba | TMP87PH40AF  | [QFP64]         | (276)               |
| Toshiba | TMP87PH40AN  | [SDIP64]        | (101)               |
| Toshiba | TMP87PH46N   | [SDIP42]        | (305)               |
| Toshiba | TMP87PH47LU  | [QFP44]         | (306)               |
| Toshiba | TMP87PH47U   | [QFP44]         | (306)               |
| Toshiba | TMP87PH47U   | [QFP44] (Quick) | (306)               |
| Toshiba | TMP87PH48DF  | [QFP64]         | (280)               |
| Toshiba | TMP87PH48U   | [LQFP64]        | (2927)              |
| Toshiba | TMP87PM14F   | [QFP64]         | (328)               |
| Toshiba | TMP87PM14N   | [SDIP64]        | (327)               |
| Toshiba | TMP87PM20F   | [QFP80]         | (272)               |
| Toshiba | TMP87PM29N   | [SDIP64]        | (274)               |
| Toshiba | TMP87PM29U   | [LQFP64]        | (2927)              |
| Toshiba | TMP87PM34AN  | [SDIP42]        | (275)               |
| Toshiba | TMP87PM36N   | [SDIP42]        | (275)               |
| Toshiba | TMP87PM40AF  | [QFP64]         | (276)               |
| Toshiba | TMP87PM40AN  | [SDIP64]        | (101)               |
| Toshiba | TMP87PM41F   | [QFP64]         | (276)               |
| Toshiba | TMP87PM41N   | [SDIP64]        | (101)               |
| Toshiba | TMP87PM41U   | [LQFP64]        | (278)               |
| Toshiba | TMP87PM43N   | [SDIP42]        | (279)               |
| Toshiba | TMP87PM48DF  | [QFP64]         | (280)               |
| Toshiba | TMP87PM48U   | [LQFP64]        | (2927)              |
| Toshiba | TMP87PM53F   | [QFP80]         | (247)               |
| Toshiba | TMP87PM70F   | [QFP80]         | (281)               |
| Toshiba | TMP87PM74F   | [QFP80]         | (282)               |
| Toshiba | TMP87PM75F   | [QFP100]        | (283)               |
| Toshiba | TMP87PM78F   | [QFP100]        | (284)               |
| Toshiba | TMP87PP21DF  | [LQFP80]        | (248)               |
| Toshiba | TMP87PP21F   | [QFP80]         | (247)               |
| Toshiba | TMP87PP23F   | [QFP100]        | (256)               |
| Toshiba | TMP87PP24AF  | [LQFP100]       | (286)               |
| Toshiba | TMP87PP71F   | [QFP80]         | (267)               |
| Toshiba | TMP87PS38F   | [QFP44]         | (319)               |
| Toshiba | TMP87PS38N   | [SDIP42]        | (318)               |
| Toshiba | TMP87PS39F   | [QFP64]         | (321)               |
| Toshiba | TMP87PS39N   | [SDIP64]        | (320)               |
| Toshiba | TMP87PS64F   | [QFP100]        | (256)               |
| Toshiba | TMP87PS68DF  | [LQFP80]        | (248)               |
| Toshiba | TMP88CH41N   | [SDIP42]        | (264)               |
| Toshiba | TMP88FW45AFG | [QFP80]         | (2660)              |
| Toshiba | TMP88FW45FG  | [QFP80]         | (2660)              |
| Toshiba | TMP88PH40M   | [SOP28]         | (260)               |
| Toshiba | TMP88PH40N   | [SDIP28]        | (240)               |
| Toshiba | TMP88PH41UG  | [LQFP44]        | (265)               |
| Toshiba | TMP88PH47F   | [QFP44]         | (312)               |
| Toshiba | TMP88PH47N   | [SDIP42]        | (311)               |
| Toshiba | TMP88PS34F   | [QFP44]         | (308)               |
| Toshiba | TMP88PS34N   | [SDIP42]        | (307)               |
| Toshiba | TMP88PS38F   | [QFP44]         | (310)               |
| Toshiba | TMP88PS38N   | [SDIP42]        | (309)               |
| Toshiba | TMP88PS43F   | [QFP80]         | (252)               |
| Toshiba | TMP88PS49F   | [QFP64]         | (314)               |
| Toshiba | TMP88PS49N   | [SDIP64]        | (313)               |
| Toshiba | TMP88PS76F   | [QFP80]         | (316)               |
| Toshiba | TMP88PU74F   | [QFP80]         | (315)               |
| Toshiba | TMP88PU77F   | [QFP100]        | (317)               |
| Toshiba | TMP89FH42LUG | [LQFP44]        | (94)                |
| Toshiba | TMP89FH42UG  | [LQFP44]        | (94)                |
| Toshiba | TMP89FM42LUG | [LQFP44]        | (94)                |
| Toshiba | TMP89FM42UG  | [LQFP44]        | (94)                |
| Toshiba | TMP89FS60FG  | (ISP-UART)      | (138) (9997)        |
| Toshiba | TMP89FS60FG  | [LQFP64]        | (2806)              |
| Toshiba | TMP89FS60UG  | (ISP-UART)      | (138) (9997)        |
| Toshiba | TMP89FS60UG  | [LQFP64]        | (3316)              |
| Toshiba | TMP89PM29AU  | [LQFP64]        | (249)               |
| Toshiba | TMP89PM29BF  | [QFP64]         | (250)               |
| Toshiba | TMP91FW60DFG | (ISP)           | (138) (9997)        |
| Toshiba | TMP91FW60DFG | [QFP100]        | (4150)              |
| Toshiba | TMP91FW60FG  | (ISP)           | (138) (9997) (9999) |
| Toshiba | TMP91FY42FG  | [LQFP100]       | (1098)              |
| Toshiba | TMP91P640N   | [SDIP64]        | (1149)              |
| Toshiba | TMP91PW10F   | [QFP100]        | (324)               |
| Toshiba | TMP91PW11F   | [LQFP100]       | (324)               |
| Toshiba | TMP91PW18AF  | [QFP80]         | (325)               |
| Toshiba | TMP92FD28AFG | [LQFP100]       | (2788) (9999)       |
| Toshiba | TMP93PF76F   | [QFP100]        | (285)               |
| Toshiba | TMP93PS40DF  | [LQFP100]       | (324)               |
| Toshiba | TMP93PS40F   | [QFP100]        | (326)               |
| Toshiba | TMP93PS42AF  | [QFP100]        | (326)               |
| Toshiba | TMP93PW46AF  | [QFP100]        | (2653) (9999)       |
| Toshiba | TMP93PW76F   | [QFP100]        | (285)               |
| Toshiba | TMP95PS54F   | [LQFP100]       | (324)               |
| Toshiba | TMP95PW64F   | [LQFP100]       | (324)               |
| Toshiba | TMPA8700PSF  | [QFP44]         | (323)               |
| Toshiba | TMPA8700PSN  | [SDIP42]        | (322)               |
| Toshiba | TMPM321F10FG | [LQFP100]       | (2257)              |
| Toshiba | TMPM322F10FG | [LQFP144]       | (2307)              |
| Toshiba | TMPM323F10FG | [LQFP100]       | (2257)              |
| Toshiba | TMPM324F10FG | [LQFP144]       | (2307)              |
| Toshiba | TMPM330FDFG  | [LQFP100]       | (2255)              |
| Toshiba | TMPM330FDWFG | [LQFP100]       | (2255)              |
| Toshiba | TMPM330FWFG  | [LQFP100]       | (2255)              |
| Toshiba | TMPM330FYFG  | [LQFP100]       | (2255)              |
| Toshiba | TMPM330FYWFG | [LQFP100]       | (2255)              |
| Toshiba | TMPM332FWUG  | [LQFP64]        | (2603)              |
| Toshiba | TMPM333FDFG  | [LQFP100]       | (2255)              |
| Toshiba | TMPM333FWFG  | [LQFP100]       | (2255)              |
| Toshiba | TMPM333FYFG  | [LQFP100]       | (2255)              |
| Toshiba | TMPM360F20FG | [LQFP144]       | (2307)              |
| Toshiba | TMPM361F10FG | [LQFP100]       | (2257)              |
| Toshiba | TMPM362F10FG | [LQFP144]       | (2307)              |
| Toshiba | TMPM363F10FG | [LQFP100]       | (2257)              |
| Toshiba | TMPM364F10FG | [LQFP144]       | (2307)              |
| Toshiba | TMPM366FDFG  | [LQFP100]       | (3362)              |
| Toshiba | TMPM366FWFG  | [LQFP100]       | (3362)              |
| Toshiba | TMPM366FYFG  | [LQFP100]       | (3362)              |
| Toshiba | TMPM367FDFG  | [LQFP100]       | (4264)              |
| Toshiba | TMPM368FDFG  | [LQFP100]       | (4264)              |
| Toshiba | TMPM369FDFG  | [LQFP144]       | (3361)              |



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| Toshiba           | TMPM36BFYFG [LQFP100]           | (3875)       |
| Toshiba           | TMPM370FYAFG [LQFP100]          | (2128)       |
| Toshiba           | TMPM370FYDFG [QFP100]           | (2127)       |
| Toshiba           | TMPM370FYFG (ISP-UART)          | (138) (9999) |
| Toshiba           | TMPM370FYFG [LQFP100]           | (2128)       |
| Toshiba           | TMPM372FWUG [LQFP64]            | (3323)       |
| Toshiba           | TMPM373FWDUG [LQFP48]           | (3324)       |
| Toshiba           | TMPM374FWUG [LQFP44]            | (2933)       |
| Toshiba           | TMPM376FDDFG [QFP100]           | (2127)       |
| Toshiba           | TMPM376FDFG [LQFP100]           | (2128)       |
| Toshiba           | TMPM376FYDFG [QFP100]           | (2127)       |
| Toshiba           | TMPM376FYFG [LQFP100]           | (2128)       |
| Toshiba           | TMPM380FWDG [LQFP100]           | (4206)       |
| Toshiba           | TMPM380FWFG [LQFP100]           | (4180)       |
| Toshiba           | TMPM380FYDFG [LQFP100]          | (4206)       |
| Toshiba           | TMPM380FYFG [LQFP100]           | (4180)       |
| Toshiba           | TMPM383FSUG [LQFP64]            | (4118)       |
| Toshiba           | TMPM383FWUG [LQFP64]            | (4118)       |
| Toshiba           | TMPM470FDFG [LQFP100]           | (4636)       |
| Toshiba           | TMPM470FYFG [LQFP100]           | (4636)       |
| Toshiba           | TMPM470FZFG [LQFP100]           | (4636)       |
| Toshiba           | TMPM475FDFG [LQFP100]           | (4636)       |
| Toshiba           | TMPM475FYFG [LQFP100]           | (4636)       |
| Toshiba           | TMPM475FZFG [LQFP100]           | (4636)       |
| Toshiba           | TV00560002EDGB [TFBGA81]        | (1219)       |
| Toshiba           | TV00560003EDGB [TFBGA81]        | (1219)       |
| Toshiba           | TV00570002ADGB [TFBGA85]        | (1219)       |
| Toshiba           | TV00570002CDGB [TFBGA81]        | (1219)       |
| Toshiba           | TV00570003ADGB [TFBGA85]        | (1219)       |
| Toshiba           | TV00570003CDGB [TFBGA81]        | (1219)       |
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| Toshiba           | TV0057A002CAGD [FBGA107] (NAND) | (1020)       |
| Toshiba           | TV0057A002CAGD [FBGA107] (NOR)  | (1020)       |
| Toshiba           | TV0057A003CAGD [FBGA107]        | (1020)       |
| Toshiba           | TV0057A003CAGD [FBGA107] (NAND) | (1020)       |
| Toshiba           | TV0057A003CAGD [FBGA107] (NOR)  | (1020)       |
| Toshiba           | TV00670002CDGB [TFBGA81]        | (1219)       |
| Toshiba           | TV00670003CDGB [TFBGA81]        | (1219)       |
| Toshiba           | TY5701111183KC04 [TFBGA52]      | (3429)       |
| Toshiba           | TY8000A010AMGF [FBGA149]        | (1094)       |
| Toshiba           | TY90009000AMGF [FBGA149]        | (1094)       |
| Toshiba           | TY90009000CMHF [FBGA149]        | (1094)       |
| Toshiba           | TY9000A410AMBF [FBGA149]        | (1094)       |
| Toshiba           | TY9000C010ALHF [FBGA149]        | (1094)       |
| Toshiba           | TY9A0A111171KC [FBGA107]        | (2621)       |
| Toshiba           | TY9A0A1111304KA [VFBGA130]      | (2571) (*1)  |
| Toshiba           | TYBD0A121356LC40 [TFBGA137]     | (3022) (*1)  |
| Toshiba           | TYCD0A211486KC [TFBGA137]       | (3022) (*1)  |
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| Trident Microsys. | TDAl1105H1/N2/3/AA1 [QFP80]     | (1038)       |
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| Trident Microsys. | TDAl1105PS/N2/3/AA6 [SDIP64]    | (916)        |
| Trident Microsys. | TDAl1105PS/N2/3/AB4 [SDIP64]    | (916)        |
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| Trident Microsys. | TDAl1105PS/N2/3/AC9 [SDIP64]    | (916)        |
| Trident Microsys. | TDAl1105PS/N2/3/AE7 [SDIP64]    | (916)        |
| Trident Microsys. | TDAl1105PS/N2/3/AG2 [SDIP64]    | (916)        |
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| Trident Microsys. | TDAl1106H1/N2/3/AG4 [QFP80]     | (1038)       |
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| Trident Microsys. | TDAl1106PS/N3/3 [SDIP64]        | (916)        |

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| Trident Microsys. | UOCIIIN1A-256kB [QIP90] (FD)    | (796) |
| Trident Microsys. | UOCIIIN1B-128kB [QFP128]        | (797) |
| Trident Microsys. | UOCIIIN1B-128kB [QFP128] (FD)   | (798) |
| Trident Microsys. | UOCIIIN1B-128kB [QIP90]         | (795) |
| Trident Microsys. | UOCIIIN1B-128kB [QIP90] (FD)    | (796) |
| Trident Microsys. | UOCIIIN1B-256kB [QFP128]        | (797) |
| Trident Microsys. | UOCIIIN1B-256kB [QFP128] (FD)   | (798) |
| Trident Microsys. | UOCIIIN1B-256kB [QIP90]         | (795) |
| Trident Microsys. | UOCIIIN1B-256kB [QIP90] (FD)    | (796) |
| Trident Microsys. | UOCIIIN1D-128kB [QFP128]        | (797) |
| Trident Microsys. | UOCIIIN1D-128kB [QFP128] (FD)   | (798) |
| Trident Microsys. | UOCIIIN1D-128kB [QIP90]         | (795) |
| Trident Microsys. | UOCIIIN1D-128kB [QIP90] (FD)    | (796) |
| Trident Microsys. | UOCIIIN1D-256kB [QFP128]        | (797) |
| Trident Microsys. | UOCIIIN1D-256kB [QFP128] (FD)   | (798) |
| Trident Microsys. | UOCIIIN1D-256kB [QIP90]         | (795) |
| Trident Microsys. | UOCIIIN1D-256kB [QIP90] (FD)    | (796) |
| Trident Microsys. | UOCIIIN1E-128kB [QFP128]        | (797) |
| Trident Microsys. | UOCIIIN1E-128kB [QFP128] (FD)   | (798) |
| Trident Microsys. | UOCIIIN1E-128kB [QIP90]         | (795) |
| Trident Microsys. | UOCIIIN1E-128kB [QIP90] (FD)    | (796) |
| Trident Microsys. | UOCIIIN1E-256kB [QFP128]        | (797) |
| Trident Microsys. | UOCIIIN1E-256kB [QFP128] (FD)   | (798) |
| Trident Microsys. | UOCIIIN1E-256kB [QIP90]         | (795) |
| Trident Microsys. | UOCIIIN1E-256kB [QIP90] (FD)    | (796) |
| Trident Microsys. | UOCIIIN1F-128kB [QFP128]        | (797) |
| Trident Microsys. | UOCIIIN1F-128kB [QFP128] (FD)   | (798) |
| Trident Microsys. | UOCIIIN1F-128kB [QIP90]         | (795) |
| Trident Microsys. | UOCIIIN1F-128kB [QIP90] (FD)    | (796) |
| Trident Microsys. | UOCIIIN1F-256kB [QFP128]        | (797) |
| Trident Microsys. | UOCIIIN1F-256kB [QFP128] (FD)   | (798) |
| Trident Microsys. | UOCIIIN1F-256kB [QIP90]         | (795) |
| Trident Microsys. | UOCIIIN1F-256kB [QIP90] (FD)    | (796) |
| TT Semiconductor  | TTE24C08A                       |       |
| TT Semiconductor  | TTE24C08A (ISP)                 | (138) |
| TT Semiconductor  | TTE24C08A [SOIC8-150]           | (950) |
| TT Semiconductor  | TTE24C256                       |       |
| TT Semiconductor  | TTE24C256 (ISP)                 | (138) |
| TT Semiconductor  | TTE24C256 [SOIC8-150]           | (950) |
| TT Semiconductor  | TTE24C32                        |       |
| TT Semiconductor  | TTE24C32 (ISP)                  | (138) |
| TT Semiconductor  | TTE24C32 [SOIC8-150]            | (950) |
| TT Semiconductor  | TTE24C64                        |       |
| TT Semiconductor  | TTE24C64 (ISP)                  | (138) |
| TT Semiconductor  | TTE24C64 [SOIC8-150]            | (950) |
| Turbo IC          | 28C256A                         |       |
| Turbo IC          | 28C256A [PLCC32]                | (59)  |
| Turbo IC          | 28C256A [SOIC28]                | (51)  |
| Turbo IC          | 28C256A [TSOP28]                | (54)  |
| Turbo IC          | 28C64A                          |       |
| Turbo IC          | 28C64A [PLCC32]                 | (59)  |
| Turbo IC          | 28C64A [SOIC28]                 | (51)  |
| Turbo IC          | 28C64A [TSOP28]                 | (54)  |
| Turbo IC          | 28LV256                         |       |
| Turbo IC          | 28LV256 [PLCC32]                | (59)  |
| Turbo IC          | 28LV256 [SOIC28]                | (51)  |
| Turbo IC          | 28LV256 [TSOP28]                | (54)  |
| Turbo IC          | 28LV64                          |       |
| Turbo IC          | 28LV64 [PLCC32]                 | (59)  |
| Turbo IC          | 28LV64 [SOIC28]                 | (51)  |
| Turbo IC          | 28LV64 [TSOP28]                 | (54)  |
| Turbo IC          | TU24C01B                        |       |
| Turbo IC          | TU24C01B (ISP)                  | (138) |
| Turbo IC          | TU24C01B [SOIC8]                | (950) |
| Turbo IC          | TU24C02B                        |       |
| Turbo IC          | TU24C02B (ISP)                  | (138) |
| Turbo IC          | TU24C02B [SOIC8]                | (950) |
| Turbo IC          | TU24C04B                        |       |
| Turbo IC          | TU24C04B (ISP)                  | (138) |
| Turbo IC          | TU24C04B [SOIC8]                | (950) |
| Turbo IC          | TU24C08B                        |       |
| Turbo IC          | TU24C08B (ISP)                  | (138) |
| Turbo IC          | TU24C08B [SOIC8]                | (950) |
| Turbo IC          | TU24C128                        |       |
| Turbo IC          | TU24C128 (ISP)                  | (138) |
| Turbo IC          | TU24C128 [SOIC8]                | (950) |
| Turbo IC          | TU24C16B                        |       |
| Turbo IC          | TU24C16B (ISP)                  | (138) |
| Turbo IC          | TU24C16B [SOIC8]                | (950) |
| Turbo IC          | TU24C256                        |       |

|                   |                         |        |
|-------------------|-------------------------|--------|
| Turbo IC          | TU24C256 (ISP)          | (138)  |
| Turbo IC          | TU24C256 [SOIC8]        | (950)  |
| Turbo IC          | TU24C32                 |        |
| Turbo IC          | TU24C32 (ISP)           | (138)  |
| Turbo IC          | TU24C32 [SOIC8]         | (950)  |
| Turbo IC          | TU24C64B                |        |
| Turbo IC          | TU24C64B (ISP)          | (138)  |
| Turbo IC          | TU24C64B [SOIC8]        | (950)  |
| Turbo IC          | TU25C128                |        |
| Turbo IC          | TU25C128 (ISP)          | (138)  |
| Turbo IC          | TU25C128 [SOIC8]        | (950)  |
| Turbo IC          | TU25C256                |        |
| Turbo IC          | TU25C256 (ISP)          | (138)  |
| Turbo IC          | TU25C256 [SOIC8]        | (950)  |
| Turbo IC          | TU93C46 (x16)           |        |
| Turbo IC          | TU93C46 (x16) (ISP)     | (138)  |
| Turbo IC          | TU93C46 (x16) [SOIC8]   | (950)  |
| Turbo IC          | TU93C46 (x8)            |        |
| Turbo IC          | TU93C46 (x8) (ISP)      | (138)  |
| Turbo IC          | TU93C46 (x8) [SOIC8]    | (950)  |
| Turbo IC          | TU93C56 (x16)           |        |
| Turbo IC          | TU93C56 (x16) (ISP)     | (138)  |
| Turbo IC          | TU93C56 (x16) [SOIC8]   | (950)  |
| Turbo IC          | TU93C56 (x8)            |        |
| Turbo IC          | TU93C56 (x8) (ISP)      | (138)  |
| Turbo IC          | TU93C56 (x8) [SOIC8]    | (950)  |
| Turbo IC          | TU93C66 (x16)           |        |
| Turbo IC          | TU93C66 (x16) (ISP)     | (138)  |
| Turbo IC          | TU93C66 (x16) [SOIC8]   | (950)  |
| Turbo IC          | TU93C66 (x8)            |        |
| Turbo IC          | TU93C66 (x8) (ISP)      | (138)  |
| Turbo IC          | TU93C66 (x8) [SOIC8]    | (950)  |
| TXSemi            | TX24C02                 |        |
| TXSemi            | TX24C02 (ISP)           | (138)  |
| TXSemi            | TX24C02 [SOP8]          | (950)  |
| TXSemi            | TX24C02 [TSSOP8]        | (121)  |
| TXSemi            | TX24C04                 |        |
| TXSemi            | TX24C04 (ISP)           | (138)  |
| TXSemi            | TX24C04 [SOP8]          | (950)  |
| TXSemi            | TX24C04 [TSSOP8]        | (121)  |
| TXSemi            | TX24C08                 |        |
| TXSemi            | TX24C08 (ISP)           | (138)  |
| TXSemi            | TX24C08 [SOP8]          | (950)  |
| TXSemi            | TX24C08 [TSSOP8]        | (121)  |
| TXSemi            | TX24C128                |        |
| TXSemi            | TX24C128 (ISP)          | (138)  |
| TXSemi            | TX24C128 [SOP8]         | (950)  |
| TXSemi            | TX24C128 [TSSOP8]       | (121)  |
| TXSemi            | TX24C16                 |        |
| TXSemi            | TX24C16 (ISP)           | (138)  |
| TXSemi            | TX24C16 [SOP8]          | (950)  |
| TXSemi            | TX24C16 [TSSOP8]        | (121)  |
| TXSemi            | TX24C256                |        |
| TXSemi            | TX24C256 (ISP)          | (138)  |
| TXSemi            | TX24C256 [SOP8]         | (950)  |
| TXSemi            | TX24C256 [TSSOP8]       | (121)  |
| TXSemi            | TX24C512                |        |
| TXSemi            | TX24C512 (ISP)          | (138)  |
| TXSemi            | TX24C512 [SOP8]         | (950)  |
| TXSemi            | TX24C512 [TSSOP8]       | (121)  |
| Ubicom            | SX18AC old rev          |        |
| Ubicom            | SX18AC old rev [SOIC18] | (1061) |
| Ubicom            | SX18AC rev A            |        |
| Ubicom            | SX18AC rev A [SOIC18]   | (1061) |
| Ubicom            | SX20AC old r. [SSOP20]  | (91)   |
| Ubicom            | SX20AC rev A (ISP)      | (138)  |
| Ubicom            | SX20AC rev A [SSOP20]   | (91)   |
| Ubicom            | SX28AC old r. [SSOP28]  | (1103) |
| Ubicom            | SX28AC old rev          |        |
| Ubicom            | SX28AC old rev [SOIC28] | (51)   |
| Ubicom            | SX28AC rev A            |        |
| Ubicom            | SX28AC rev A (ISP)      | (138)  |
| Ubicom            | SX28AC rev A [SOIC28]   | (51)   |
| Ubicom            | SX28AC rev A [SSOP28]   | (1103) |
| Ubicom            | SX48BD rev A (ISP)      | (138)  |
| Ubicom            | SX48BD rev A [TQFP48]   | (174)  |
| Ubicom            | SX52BD rev A (ISP)      | (138)  |
| Ubicom            | SX52BD rev A [PQFP52]   | (538)  |
| Uni Semiconductor | U24C02                  |        |
| Uni Semiconductor | U24C02 (ISP)            | (138)  |
| Uni Semiconductor | U24C02 [DFN8-2x3]       | (2995) |
| Uni Semiconductor | U24C02 [SOP8]           | (950)  |
| Uni Semiconductor | U24C02 [TSSOP8]         | (121)  |
| Uni Semiconductor | U24C04                  |        |
| Uni Semiconductor | U24C04 (ISP)            | (138)  |
| Uni Semiconductor | U24C04 [DFN8-2x3]       | (2995) |
| Uni Semiconductor | U24C04 [SOP8]           | (950)  |
| Uni Semiconductor | U24C04 [TSSOP8]         | (121)  |
| Uni Semiconductor | U24C08                  |        |
| Uni Semiconductor | U24C08 (ISP)            | (138)  |
| Uni Semiconductor | U24C08 [DFN8-2x3]       | (2995) |
| Uni Semiconductor | U24C08 [SOP8]           | (950)  |
| Uni Semiconductor | U24C08 [TSSOP8]         | (121)  |
| Uni Semiconductor | U24C16                  |        |
| Uni Semiconductor | U24C16 (ISP)            | (138)  |
| Uni Semiconductor | U24C16 [DFN8-2x3]       | (2995) |
| Uni Semiconductor | U24C16 [SOP8]           | (950)  |
| Uni Semiconductor | U24C16 [TSSOP8]         | (121)  |
| Uni Semiconductor | U24C32                  |        |
| Uni Semiconductor | U24C32 (ISP)            | (138)  |
| Uni Semiconductor | U24C32 [DFN8-2x3]       | (2995) |
| Uni Semiconductor | U24C32 [SOP8]           | (950)  |
| Uni Semiconductor | U24C32 [TSSOP8]         | (121)  |
| Uni Semiconductor | U24C64                  |        |
| Uni Semiconductor | U24C64 (ISP)            | (138)  |
| Uni Semiconductor | U24C64 [DFN8-2x3]       | (2995) |
| Uni Semiconductor | U24C64 [SOP8]           | (950)  |
| Uni Semiconductor | U24C64 [TSSOP8]         | (121)  |
| Unigen            | UG24C01                 |        |
| Unigen            | UG24C01 (ISP)           | (138)  |
| Unigen            | UG24C01 [SOP8]          | (950)  |
| Unigen            | UG24C01 [TSSOP8]        | (121)  |
| Unigen            | UG24C02                 |        |
| Unigen            | UG24C02 (ISP)           | (138)  |
| Unigen            | UG24C02 [SOP8]          | (950)  |
| Unigen            | UG24C02 [TSSOP8]        | (121)  |
| Unigen            | UG24C04                 |        |
| Unigen            | UG24C04 (ISP)           | (138)  |
| Unigen            | UG24C04 [SOP8]          | (950)  |
| Unigen            | UG24C04 [TSSOP8]        | (121)  |
| Unigen            | UG24C08                 |        |
| Unigen            | UG24C08 (ISP)           | (138)  |
| Unigen            | UG24C08 [SOP8]          | (950)  |
| Unigen            | UG24C08 [TSSOP8]        | (121)  |
| Unigen            | UG24C16                 |        |
| Unigen            | UG24C16 (ISP)           | (138)  |
| Unigen            | UG24C16 [SOP8]          | (950)  |
| Unigen            | UG24C16 [TSSOP8]        | (121)  |

|                   |                         |               |
|-------------------|-------------------------|---------------|
| Unigen            | UG93C46-A (x16)         |               |
| Unigen            | UG93C46-A (x16) [SOP8]  | (950)         |
| Unigen            | UG93C46-A (x8)          |               |
| Unigen            | UG93C46-A (x8) [SOP8]   | (950)         |
| Unigen            | UG93C46-A/B (x16) (ISP) | (138)         |
| Unigen            | UG93C46-A/B (x8) (ISP)  | (138)         |
| Unigen            | UG93C46-B (x16) [SOP8]  | (950)         |
| Unigen            | UG93C46-B (x8) [SOP8]   | (950)         |
| Unigen            | UG93C56-A (x16)         |               |
| Unigen            | UG93C56-A (x16) [SOP8]  | (950)         |
| Unigen            | UG93C56-A (x8)          |               |
| Unigen            | UG93C56-A (x8) [SOP8]   | (950)         |
| Unigen            | UG93C56-A/B (x16) (ISP) | (138)         |
| Unigen            | UG93C56-A/B (x8) (ISP)  | (138)         |
| Unigen            | UG93C56-B (x16) [SOP8]  | (950)         |
| Unigen            | UG93C56-B (x8) [SOP8]   | (950)         |
| Unigen            | UG93C56-C (ISP)         | (138)         |
| Unigen            | UG93C56-C [SOP8]        | (950)         |
| Unigen            | UG93C66-A (x16)         |               |
| Unigen            | UG93C66-A (x16) [SOP8]  | (950)         |
| Unigen            | UG93C66-A (x8)          |               |
| Unigen            | UG93C66-A (x8) [SOP8]   | (950)         |
| Unigen            | UG93C66-A/B (x16) (ISP) | (138)         |
| Unigen            | UG93C66-A/B (x8) (ISP)  | (138)         |
| Unigen            | UG93C66-B (x16) [SOP8]  | (950)         |
| Unigen            | UG93C66-B (x8) [SOP8]   | (950)         |
| unilc             | SCN00SA1T1AI6A [TSOP48] | (3075)        |
| unilc             | SCN00SA3W1AI8A [WSON8]  | (4914) (*1)   |
| unilc             | SCN01SA1T1AI7A [TSOP48] | (3075)        |
| Universal Electr. | UE878NMDG (ISP-SPI)     | (138) (9997)  |
| Universal Electr. | UE878NMDG [QFN40]       | (4298)        |
| Universal Electr. | UE878NMEG (ISP-SPI)     | (138) (9997)  |
| Universal Electr. | UE878NMEG [QFN40]       | (4298)        |
| Unknown mfr.      | 10P53A1                 |               |
| Unknown mfr.      | 10P53A1 (ISP)           | (138)         |
| Unknown mfr.      | 10P53A1 [SOP8]          | (950)         |
| Unknown mfr.      | 10P53A2                 |               |
| Unknown mfr.      | 10P53A2 (ISP)           | (138)         |
| Unknown mfr.      | 10P53A2 [SOP8]          | (950)         |
| Unknown mfr.      | 10P53A3                 |               |
| Unknown mfr.      | 10P53A3 (ISP)           | (138)         |
| Unknown mfr.      | 10P53A3 [SOP8]          | (950)         |
| Unknown mfr.      | 10P53A4                 |               |
| Unknown mfr.      | 10P53A4 (ISP)           | (138)         |
| Unknown mfr.      | 10P53A4 [SOP8]          | (950)         |
| Unknown mfr.      | 28C020                  |               |
| Unknown mfr.      | 700238                  |               |
| Unknown mfr.      | BAW658049               |               |
| Unknown mfr.      | EM27C010                |               |
| Unknown mfr.      | EM27C010 [PLCC32]       | (59)          |
| Unknown mfr.      | EM27C020                |               |
| Unknown mfr.      | EM27C020 [PLCC32]       | (59)          |
| Unknown mfr.      | EM27C040                |               |
| Unknown mfr.      | EM27C040 [PLCC32]       | (59)          |
| Unknown mfr.      | EM27C042                |               |
| Unknown mfr.      | EM27C042 [PLCC44]       | (67)          |
| Unknown mfr.      | EM27C1024               |               |
| Unknown mfr.      | EM27C1024 [PLCC44]      | (67)          |
| Unknown mfr.      | EM27C160                |               |
| Unknown mfr.      | EM27C160 [PLCC44]       | (67)          |
| Unknown mfr.      | EM27C256                |               |
| Unknown mfr.      | EM27C256 [PLCC32]       | (59)          |
| Unknown mfr.      | EM27C512                |               |
| Unknown mfr.      | EM27C512 [PLCC32]       | (59)          |
| Unknown mfr.      | EM27C64                 |               |
| Unknown mfr.      | EM27C64 [PLCC32]        | (59)          |
| Unknown mfr.      | KKZ06F                  |               |
| Unknown mfr.      | OT27C010                |               |
| Unknown mfr.      | OT27C010 [PLCC32]       | (59)          |
| Unknown mfr.      | OT27C020                |               |
| Unknown mfr.      | OT27C020 [PLCC32]       | (59)          |
| Unknown mfr.      | OT27C040                |               |
| Unknown mfr.      | OT27C040 [PLCC32]       | (59)          |
| Unknown mfr.      | OT27C256                |               |
| Unknown mfr.      | OT27C256 [PLCC32]       | (59)          |
| Unknown mfr.      | OT27C512                |               |
| Unknown mfr.      | OT27C512 [PLCC32]       | (59)          |
| Unspecified       | MMC-128MB               | (2376) (9999) |
| Unspecified       | MMC-1GB                 | (2376) (9999) |
| Unspecified       | MMC-256MB               | (2376) (9999) |
| Unspecified       | MMC-2GB                 | (2376) (9999) |
| Unspecified       | MMC-32MB                | (2376) (9999) |
| Unspecified       | MMC-4GB                 | (2376) (9999) |
| Unspecified       | MMC-512MB               | (2376) (9999) |
| Unspecified       | MMC-64MB                | (2376) (9999) |
| USSR              | K1601RR3                |               |
| USSR              | K1609RR1                |               |
| USSR              | K1609RR2                |               |
| USSR              | K1609RR3                |               |
| USSR              | K1620RF2                |               |
| USSR              | K1620RR2                |               |
| USSR              | K1624RR1                |               |
| USSR              | K1624RR2                |               |
| USSR              | K1624RR3                |               |
| USSR              | K1626RF1                |               |
| USSR              | K1626RF2                |               |
| USSR              | K1626RF3                |               |
| USSR              | K558RR2                 |               |
| USSR              | K573RF1                 | (2)           |
| USSR              | K573RF10                |               |
| USSR              | K573RF2                 |               |
| USSR              | K573RF21                |               |
| USSR              | K573RF22                |               |
| USSR              | K573RF23                |               |
| USSR              | K573RF24                |               |
| USSR              | K573RF4                 |               |
| USSR              | K573RF41                |               |
| USSR              | K573RF42                |               |
| USSR              | K573RF43                |               |
| USSR              | K573RF44                |               |
| USSR              | K573RF4A                |               |
| USSR              | K573RF4B                |               |
| USSR              | K573RF5                 |               |
| USSR              | K573RF6                 |               |
| USSR              | K573RF6A                |               |
| USSR              | K573RF6B                |               |
| USSR              | K573RF7                 |               |
| USSR              | K573RF8                 |               |
| USSR              | K573RF9                 |               |
| USSR              | KS573RF2                |               |
| Vantis            | 1spGAL22V10B            |               |
| Vantis            | 1spGAL22V10B (ISP)      | (138)         |
| Vantis            | 1spGAL22V10B [PLCC28]   | (48)          |
| Vantis            | 1spGAL22V10C            |               |
| Vantis            | 1spGAL22V10C (ISP)      | (138)         |
| Vantis            | 1spGAL22V10C [PLCC28]   | (48)          |
| Vantis            | 1spGAL22V10C [SSOP28]   | (1103)        |
| Vantis            | M4-128/64 (ISP)         | (138)         |

|        |                |                 |        |
|--------|----------------|-----------------|--------|
| Vantis | M4-128/64      | [PQFP100]       | (2636) |
| Vantis | M4-128/64      | [TQFP100]       | (1507) |
| Vantis | M4-128N/64     | [PLCC84]        | (90)   |
| Vantis | M4-32/32       | (ISP)           | (138)  |
| Vantis | M4-32/32       | [PLCC44]        | (67)   |
| Vantis | M4-32/32       | [TQFP44]        | (94)   |
| Vantis | M4-32/32       | [TQFP48]        | (174)  |
| Vantis | M4-64/32       | (ISP)           | (138)  |
| Vantis | M4-64/32       | [PLCC44]        | (67)   |
| Vantis | M4-64/32       | [TQFP44]        | (94)   |
| Vantis | M4-64/32       | [TQFP48]        | (174)  |
| Vantis | M4-96/48       | (ISP)           | (138)  |
| Vantis | M4-96/48       | [TQFP100]       | (1507) |
| Vantis | M4A3-128/64    | (ISP)           | (138)  |
| Vantis | M4A3-128/64    | [caBGA100]      | (2638) |
| Vantis | M4A3-128/64    | [PQFP100]       | (2636) |
| Vantis | M4A3-128/64    | [TQFP100]       | (1507) |
| Vantis | M4A3-32/32     | (ISP)           | (138)  |
| Vantis | M4A3-32/32     | [PLCC44]        | (67)   |
| Vantis | M4A3-32/32     | [TQFP44]        | (94)   |
| Vantis | M4A3-32/32     | [TQFP48]        | (174)  |
| Vantis | M4A3-64/32     | (ISP)           | (138)  |
| Vantis | M4A3-64/32     | [PLCC44]        | (67)   |
| Vantis | M4A3-64/32     | [TQFP44]        | (94)   |
| Vantis | M4A3-64/32     | [TQFP48]        | (174)  |
| Vantis | M4A3-64/64     | (ISP)           | (138)  |
| Vantis | M4A3-64/64     | [TQFP100]       | (1507) |
| Vantis | M4A5-128/64    | (ISP)           | (138)  |
| Vantis | M4A5-128/64    | [PQFP100]       | (2636) |
| Vantis | M4A5-128/64    | [TQFP100]       | (1507) |
| Vantis | M4A5-32/32     | (ISP)           | (138)  |
| Vantis | M4A5-32/32     | [PLCC44]        | (67)   |
| Vantis | M4A5-32/32     | [TQFP44]        | (94)   |
| Vantis | M4A5-32/32     | [TQFP48]        | (174)  |
| Vantis | M4A5-64/32     | (ISP)           | (138)  |
| Vantis | M4A5-64/32     | [PLCC44]        | (67)   |
| Vantis | M4A5-64/32     | [TQFP44]        | (94)   |
| Vantis | M4A5-64/32     | [TQFP48]        | (174)  |
| Vantis | M4LV-128/64    | (ISP)           | (138)  |
| Vantis | M4LV-128/64    | [PQFP100]       | (2636) |
| Vantis | M4LV-128/64    | [TQFP100]       | (1507) |
| Vantis | M4LV-128N/64   | [PLCC84]        | (90)   |
| Vantis | M4LV-32/32     | (ISP)           | (138)  |
| Vantis | M4LV-32/32     | [PLCC44]        | (67)   |
| Vantis | M4LV-32/32     | [TQFP44]        | (94)   |
| Vantis | M4LV-32/32     | [TQFP48]        | (174)  |
| Vantis | M4LV-64/32     | (ISP)           | (138)  |
| Vantis | M4LV-64/32     | [PLCC44]        | (67)   |
| Vantis | M4LV-64/32     | [TQFP44]        | (94)   |
| Vantis | M4LV-64/32     | [TQFP48]        | (174)  |
| Vantis | M4LV-96/48     | (ISP)           | (138)  |
| Vantis | M4LV-96/48     | [TQFP100]       | (1507) |
| Vantis | M5-384/120     | (ISP)           | (138)  |
| Vantis | M5-384/120     | [PQFP160]       | (2643) |
| Vantis | M5-384/160     | (ISP)           | (138)  |
| Vantis | M5-384/160     | [PQFP208]       | (2644) |
| Vantis | M5-384/184     | (ISP)           | (138)  |
| Vantis | M5-384/184     | [PQFP240]       | (2646) |
| Vantis | M5-384/192     | (ISP)           | (138)  |
| Vantis | M5-384/192     | [BGA256]        | (502)  |
| Vantis | M5-512/120     | (ISP)           | (138)  |
| Vantis | M5-512/120     | [PQFP160]       | (2643) |
| Vantis | M5-512/160     | (ISP)           | (138)  |
| Vantis | M5-512/160     | [PQFP208]       | (2644) |
| Vantis | M5-512/160     | [PQFP208] (SVF) | (2644) |
| Vantis | M5-512/160     | [PQFP208] (VME) | (2644) |
| Vantis | M5-512/184     | (ISP)           | (138)  |
| Vantis | M5-512/184     | [PQFP240]       | (2646) |
| Vantis | M5-512/192     | (ISP)           | (138)  |
| Vantis | M5-512/192     | [BGA256]        | (502)  |
| Vantis | M5-512/256     | (ISP)           | (138)  |
| Vantis | M5-512/256     | [BGA352]        | (503)  |
| Vantis | M5LV-128/104   | (ISP)           | (138)  |
| Vantis | M5LV-128/104   | [PQFP144]       | (2642) |
| Vantis | M5LV-128/104   | [TQFP144]       | (2641) |
| Vantis | M5LV-128/120   | (ISP)           | (138)  |
| Vantis | M5LV-128/120   | [PQFP160]       | (2643) |
| Vantis | M5LV-128/68    | (ISP)           | (138)  |
| Vantis | M5LV-128/68    | [PQFP100]       | (2637) |
| Vantis | M5LV-128/68    | [TQFP100]       | (2635) |
| Vantis | M5LV-128/74    | (ISP)           | (138)  |
| Vantis | M5LV-256/104   | [PQFP144]       | (2642) |
| Vantis | M5LV-256/104   | [TQFP144]       | (2641) |
| Vantis | M5LV-256/120   | [PQFP160]       | (2643) |
| Vantis | M5LV-256/160   | [PQFP208]       | (2644) |
| Vantis | M5LV-256/68    | [PQFP100]       | (2637) |
| Vantis | M5LV-256/68    | [TQFP100]       | (2635) |
| Vantis | M5LV-256/74    | [TQFP100]       | (2635) |
| Vantis | M5LV-384/120   | (ISP)           | (138)  |
| Vantis | M5LV-384/120   | [PQFP160]       | (2643) |
| Vantis | M5LV-384/160   | (ISP)           | (138)  |
| Vantis | M5LV-384/160   | [PQFP208]       | (2644) |
| Vantis | M5LV-384/184   | (ISP)           | (138)  |
| Vantis | M5LV-384/184   | [PQFP240]       | (2646) |
| Vantis | M5LV-384/192   | (ISP)           | (138)  |
| Vantis | M5LV-384/192   | [BGA256]        | (502)  |
| Vantis | M5LV-512/120   | (ISP)           | (138)  |
| Vantis | M5LV-512/120   | [PQFP160]       | (2643) |
| Vantis | M5LV-512/160   | (ISP)           | (138)  |
| Vantis | M5LV-512/160   | [PQFP208]       | (2644) |
| Vantis | M5LV-512/160   | [PQFP208] (SVF) | (2644) |
| Vantis | M5LV-512/160   | [PQFP208] (VME) | (2644) |
| Vantis | M5LV-512/184   | (ISP)           | (138)  |
| Vantis | M5LV-512/184   | [PQFP240]       | (2646) |
| Vantis | M5LV-512/192   | (ISP)           | (138)  |
| Vantis | M5LV-512/192   | [BGA256]        | (502)  |
| Vantis | M5LV-512/256   | (ISP)           | (138)  |
| Vantis | M5LV-512/256   | [BGA352]        | (503)  |
| Vantis | MACH110        | [PLCC44]        | (67)   |
| Vantis | MACH111        | [PLCC44]        | (67)   |
| Vantis | MACH111        | [TQFP44]        | (94)   |
| Vantis | MACH111SP      | (ISP)           | (138)  |
| Vantis | MACH111SP      | [PLCC44]        | (67)   |
| Vantis | MACH111SP      | [TQFP44]        | (94)   |
| Vantis | MACH130        | [PLCC84]        | (90)   |
| Vantis | MACH131        | [PLCC84]        | (90)   |
| Vantis | MACH131-xxxx/1 | [PLCC84]        | (90)   |
| Vantis | MACH210        | [PLCC44]        | (67)   |
| Vantis | MACH210        | [TQFP44]        | (94)   |
| Vantis | MACH210A       | [PLCC44]        | (67)   |
| Vantis | MACH210A       | [TQFP44]        | (94)   |
| Vantis | MACH210AQ      | [PLCC44]        | (67)   |
| Vantis | MACH210AQ      | [TQFP44]        | (94)   |
| Vantis | MACH211        | [PLCC44]        | (67)   |
| Vantis | MACH211        | [TQFP44]        | (94)   |
| Vantis | MACH211SP      | (ISP)           | (138)  |
| Vantis | MACH211SP      | [PLCC44]        | (67)   |
| Vantis | MACH211SP      | [TQFP44]        | (94)   |

|                 |                   |           |             |
|-----------------|-------------------|-----------|-------------|
| Vantis          | MACH215           | [PLCC44]  | (67)        |
| Vantis          | MACH221           | [PLCC68]  | (4825)      |
| Vantis          | MACH231           | [PLCC84]  | (90)        |
| Vantis          | MACH231xx-xxxx/1  | [PLCC84]  | (90)        |
| Vantis          | MACH435           | [PLCC84]  | (90)        |
| Vantis          | MACH436           | [PLCC84]  | (90)        |
| Vantis          | MACH446           | (ISP)     | (138)       |
| Vantis          | MACH446           | [PQFP100] | (2636)      |
| Vantis          | MACH446           | [TQFP100] | (1507)      |
| Vantis          | MACHLV210         | [PLCC44]  | (67)        |
| Vantis          | MACHLV436         | [PLCC84]  | (90)        |
| Vantis          | MACHLV446         | (ISP)     | (138)       |
| Vantis          | MACHLV446         | [PQFP100] | (2636)      |
| Vantis          | MACHLV446         | [TQFP100] | (1507)      |
| Vantis          | PALCE16V8H        |           |             |
| Vantis          | PALCE16V8H        | [PLCC20]  | (47)        |
| Vantis          | PALCE16V8H        | [SOIC20]  | (119)       |
| Vantis          | PALCE16V8H/4      |           |             |
| Vantis          | PALCE16V8H/4      | [PLCC20]  | (47)        |
| Vantis          | PALCE16V8H/4      | [SOIC20]  | (119)       |
| Vantis          | PALCE16V8H/5      |           |             |
| Vantis          | PALCE16V8H/5      | [PLCC20]  | (47)        |
| Vantis          | PALCE16V8H/5      | [SOIC20]  | (119)       |
| Vantis          | PALCE16V8Q        |           |             |
| Vantis          | PALCE16V8Q        | [PLCC20]  | (47)        |
| Vantis          | PALCE16V8Q        | [SOIC20]  | (119)       |
| Vantis          | PALCE16V8Q/4      |           |             |
| Vantis          | PALCE16V8Q/4      | [PLCC20]  | (47)        |
| Vantis          | PALCE16V8Q/4      | [SOIC20]  | (119)       |
| Vantis          | PALCE16V8Q/5      |           |             |
| Vantis          | PALCE16V8Q/5      | [PLCC20]  | (47)        |
| Vantis          | PALCE16V8Q/5      | [SOIC20]  | (119)       |
| Vantis          | PALCE16V8Z        |           |             |
| Vantis          | PALCE16V8Z        | [PLCC20]  | (47)        |
| Vantis          | PALCE16V8Z        | [SOIC20]  | (119)       |
| Vantis          | PALCE16V8Z/4      |           |             |
| Vantis          | PALCE16V8Z/4      | [PLCC20]  | (47)        |
| Vantis          | PALCE16V8Z/4      | [SOIC20]  | (119)       |
| Vantis          | PALCE16V8Z/5      |           |             |
| Vantis          | PALCE16V8Z/5      | [PLCC20]  | (47)        |
| Vantis          | PALCE16V8Z/5      | [SOIC20]  | (119)       |
| Vantis          | PALCE20RA10H      |           |             |
| Vantis          | PALCE20RA10H      | [PLCC28]  | (48)        |
| Vantis          | PALCE20RA10Q-15/4 |           |             |
| Vantis          | PALCE20RA10Q-15/4 | [PLCC28]  | (48)        |
| Vantis          | PALCE20RA10Q-25/4 |           |             |
| Vantis          | PALCE20RA10Q-25/4 | [PLCC28]  | (48)        |
| Vantis          | PALCE20V8H        |           |             |
| Vantis          | PALCE20V8H        | [PLCC28]  | (48)        |
| Vantis          | PALCE20V8H/4      |           |             |
| Vantis          | PALCE20V8H/4      | [PLCC28]  | (48)        |
| Vantis          | PALCE20V8H/5      |           |             |
| Vantis          | PALCE20V8H/5      | [PLCC28]  | (48)        |
| Vantis          | PALCE20V8Q        |           |             |
| Vantis          | PALCE20V8Q        | [PLCC28]  | (48)        |
| Vantis          | PALCE20V8Q/4      |           |             |
| Vantis          | PALCE20V8Q/4      | [PLCC28]  | (48)        |
| Vantis          | PALCE20V8Q/5      |           |             |
| Vantis          | PALCE20V8Q/5      | [PLCC28]  | (48)        |
| Vantis          | PALCE22V10H       |           |             |
| Vantis          | PALCE22V10H       | [PLCC28]  | (48)        |
| Vantis          | PALCE22V10H/4     |           |             |
| Vantis          | PALCE22V10H/4     | [PLCC28]  | (48)        |
| Vantis          | PALCE22V10H/5     |           |             |
| Vantis          | PALCE22V10H/5     | [PLCC28]  | (48)        |
| Vantis          | PALCE22V10Q       |           |             |
| Vantis          | PALCE22V10Q       | [PLCC28]  | (48)        |
| Vantis          | PALCE22V10Q/4     |           |             |
| Vantis          | PALCE22V10Q/4     | [PLCC28]  | (48)        |
| Vantis          | PALCE22V10Q/5     |           |             |
| Vantis          | PALCE22V10Q/5     | [PLCC28]  | (48)        |
| Vantis          | PALCE22V10Z       |           |             |
| Vantis          | PALCE22V10Z       | [PLCC28]  | (48)        |
| Vantis          | PALCE22V10Z/4     |           |             |
| Vantis          | PALCE22V10Z/4     | [PLCC28]  | (48)        |
| Vantis          | PALCE22V10Z/5     |           |             |
| Vantis          | PALCE22V10Z/5     | [PLCC28]  | (48)        |
| Vantis          | PALCE24V10H       |           | (682)       |
| Vantis          | PALCE24V10H       | [PLCC28]  | (684)       |
| Vantis          | PALCE24V10Q       |           | (682)       |
| Vantis          | PALCE24V10Q       | [PLCC28]  | (684)       |
| Vantis          | PALCE26V12H       |           |             |
| Vantis          | PALCE26V12H       | [PLCC28]  | (48)        |
| Vantis          | PALCE26V12H/4     |           |             |
| Vantis          | PALCE26V12H/4     | [PLCC28]  | (48)        |
| Vantis          | PALCE29M16/4      |           |             |
| Vantis          | PALCE29M16/4      | [PLCC28]  | (48)        |
| Vantis          | PALCE29MA16/4     |           |             |
| Vantis          | PALCE29MA16/4     | [PLCC28]  | (48)        |
| Vantis          | PALCE610H         |           |             |
| Vantis          | PALCE610H         | [PLCC28]  | (48)        |
| Vantis          | PALLV16V8         |           |             |
| Vantis          | PALLV16V8         | [PLCC20]  | (47)        |
| Vantis          | PALLV16V8         | [SOIC20]  | (119)       |
| Vantis          | PALLV16V8/5       |           |             |
| Vantis          | PALLV16V8/5       | [PLCC20]  | (47)        |
| Vantis          | PALLV16V8/5       | [SOIC20]  | (119)       |
| Vantis          | PALLV16V8Z        |           |             |
| Vantis          | PALLV16V8Z        | [PLCC20]  | (47)        |
| Vantis          | PALLV16V8Z        | [SOIC20]  | (119)       |
| Vantis          | PALLV16V8Z/4      |           |             |
| Vantis          | PALLV16V8Z/4      | [PLCC20]  | (47)        |
| Vantis          | PALLV16V8Z/4      | [SOIC20]  | (119)       |
| Vantis          | PALLV16V8Z/5      |           |             |
| Vantis          | PALLV16V8Z/5      | [PLCC20]  | (47)        |
| Vantis          | PALLV16V8Z/5      | [SOIC20]  | (119)       |
| Vantis          | PALLV22V10        |           |             |
| Vantis          | PALLV22V10        | [PLCC28]  | (48)        |
| Vantis          | PALLV22V10Z       |           |             |
| Vantis          | PALLV22V10Z       | [PLCC28]  | (48)        |
| VDATA           | VD102N3NC53       | [TSOP48]  | (1266) (*1) |
| VersaChips      | V87C54            |           |             |
| VersaChips      | V87C54            | [PLCC44]  | (67)        |
| VersaChips      | V87C54            | [QFP44]   | (108)       |
| VersaChips      | V87C58            |           |             |
| VersaChips      | V87C58            | [PLCC44]  | (67)        |
| VersaChips      | V87C58            | [QFP44]   | (108)       |
| VLSI Technology | VP16v8            |           |             |
| VLSI Technology | VP20v8            |           |             |
| VLSI Technology | VT27C128          |           |             |
| VLSI Technology | VT27C256          |           |             |
| VLSI Technology | VT27C512          |           |             |
| VLSI Technology | VT27C64           |           |             |
| Wave Systems    | W93C46            |           |             |
| Wave Systems    | W93C46            | (ISP)     | (138)       |
| Wave Systems    | W93C46            | [SOIC8]   | (950)       |
| Wave Systems    | W93C46            | [TSSOP8]  | (121)       |
| Wave Systems    | W93C46A           | [SOIC8]   | (950)       |



|                   |                         |             |  |
|-------------------|-------------------------|-------------|--|
| wave Systems      | w93C56                  |             |  |
| wave Systems      | w93C56 (ISP)            | (138)       |  |
| wave Systems      | w93C56 [SOIC8]          | (950)       |  |
| wave Systems      | w93C56 [TSSOP8]         | (121)       |  |
| wave Systems      | w93C56A [SOIC8]         | (950)       |  |
| wave Systems      | w93C66                  |             |  |
| wave Systems      | w93C66 (ISP)            | (138)       |  |
| wave Systems      | w93C66 [SOIC8]          | (950)       |  |
| wave Systems      | w93C66 [TSSOP8]         | (121)       |  |
| wave Systems      | w93C66A [SOIC8]         | (950)       |  |
| wave Systems      | w93C86                  |             |  |
| wave Systems      | w93C86 (ISP)            | (138)       |  |
| wave Systems      | w93C86 [SOIC8]          | (950)       |  |
| wave Systems      | w93C86 [TSSOP8]         | (121)       |  |
| wave Systems      | w93C86A [SOIC8]         | (950)       |  |
| wave Systems      | WT5109 [MSOP10]         | (984)       |  |
| wave Systems      | WT5109 [PDIP14]         |             |  |
| wave Systems      | WT5109 [PDIP18]         |             |  |
| wave Systems      | WT5109 [PDIP8]          |             |  |
| wave Systems      | WT5109 [SOP14]          | (951)       |  |
| wave Systems      | WT5109 [SOP18]          | (1061)      |  |
| wave Systems      | WT5109 [SOP24]          | (1062)      |  |
| wave Systems      | WT5109 [SOP8]           | (950)       |  |
| wave Systems      | WT5129 [PDIP18]         |             |  |
| wave Systems      | WT5129 [SOP14]          | (951)       |  |
| wave Systems      | WT5129 [SOP18]          | (1061)      |  |
| wave Systems      | WT5129 [SOP8]           | (950)       |  |
| wave Systems      | WT5129 [SSOP16]         | (2326)      |  |
| wave Systems      | WT51F516-OG200 [SSOP20] | (2678)      |  |
| wave Systems      | WT51F516-RG480 [LQFP48] | (2677)      |  |
| wave Systems      | WT51F516-SG080 [SOIC8]  | (2680)      |  |
| wave Systems      | WT51F516-SG160 [SOIC16] | (2679)      |  |
| wave Systems      | WT51F516-UG320 [QFN32]  | (2676)      |  |
| wave Systems      | WT61P4K420 [SPDIP42]    | (164)       |  |
| wave Systems      | WT61P4K421 [SPDIP42]    | (164)       |  |
| wave Systems      | WT61P4L440 [PLCC44]     | (67)        |  |
| wave Systems      | WT61P4L441 [PLCC44]     | (67)        |  |
| wave Systems      | WT61P4N400              |             |  |
| wave Systems      | WT61P4N401              |             |  |
| wave Systems      | WT61P6SLN440 [PLCC44]   | (67)        |  |
| wave Systems      | WT61P6SRN440 [LQFP44]   | (94)        |  |
| wave Systems      | WT61P6SRN480 [LQFP48]   | (174)       |  |
| wave Systems      | WT61P7L440 [PLCC44]     | (67)        |  |
| wave Systems      | WT61P7RN440 [LQFP44]    | (94)        |  |
| wave Systems      | WT61P7RN480 [LQFP48]    | (174)       |  |
| wave Systems      | WT61P802RG480 [LQFP48]  | (1582)      |  |
| wave Systems      | WT61P803RG480 [LQFP48]  | (1582)      |  |
| wave Systems      | WT61P804RG480 [LQFP48]  | (1582)      |  |
| wave Systems      | WT61P806RG480 [LQFP48]  | (1582)      |  |
| wave Systems      | WT61P806RG48A [LQFP48]  | (1582)      |  |
| wave Systems      | WT61P8RG440 [LQFP44]    | (94)        |  |
| wave Systems      | WT61P8RG480 [LQFP48]    | (174)       |  |
| wave Systems      | WT61P8SRG440 [LQFP44]   | (94)        |  |
| wave Systems      | WT61P8SRG480 [LQFP48]   | (174)       |  |
| wave Systems      | WT61P9RG640 [LQFP64]    | (978)       |  |
| wave Systems      | WT61P9RG641 [LQFP64]    | (977)       |  |
| wave Systems      | WT6573FRG480 [LQFP48]   | (2766)      |  |
| wave Systems      | WT6573FRG640 [LQFP64]   | (2770)      |  |
| wave Systems      | WT6573FRG641 [LQFP64]   | (2771)      |  |
| wave Systems      | WT6573FUG320 [QFN32]    | (2768)      |  |
| wave Systems      | WT6573FUG400 [QFN40]    | (2767)      |  |
| wave Systems      | WT6702F-OG200 [SSOP20]  | (2353)      |  |
| wave Systems      | WT6702F-OG240 [SSOP24]  | (2341)      |  |
| wave Systems      | WT6702F-SG161 [SOIC16]  | (44)        |  |
| wave Systems      | WT6702F-SG162 [SOIC16]  | (44)        |  |
| wave Systems      | WT6702F-SG163 [SOIC16]  | (44)        |  |
| wave Systems      | WT6702F-SG200 [SOIC20]  | (119)       |  |
| wave Systems      | WT6702F-SG240 [SOIC24]  | (1062)      |  |
| wave Systems      | WT6703F-OG200 [SSOP20]  | (2353)      |  |
| wave Systems      | WT6703F-OG240 [SSOP24]  | (2341)      |  |
| wave Systems      | WT6703F-SG161 [SOIC16]  | (44)        |  |
| wave Systems      | WT6703F-SG163 [SOIC16]  | (44)        |  |
| wave Systems      | WT6703F-SG240 [SOIC24]  | (1062)      |  |
| wave Systems      | WT69P3-OG200 [SSOP20]   | (2353)      |  |
| wave Systems      | WT69P3-OG201 [SSOP20]   | (2353)      |  |
| wave Systems      | WT69P3-OG240 [SSOP24]   | (2341)      |  |
| wave Systems      | WT69P3-OG241 [SSOP24]   | (2341)      |  |
| wave Systems      | WT69P3-OG280 [SSOP28]   | (1548)      |  |
| wave Systems      | WT69P3-SG161 [SOIC16]   | (44)        |  |
| wave Systems      | WT69P3-SG163 [SOIC16]   | (44)        |  |
| wave Systems      | WT69P803RG480 [LQFP48]  | (2769)      |  |
| white Electronics | WMF128K8-xxxC           |             |  |
| white Electronics | WMF128K8-xxxFF          | (98)        |  |
| white Electronics | WMF512K8-xxxC           |             |  |
| winbond           | ISD15102 [LQFP48]       | (1494)      |  |
| winbond           | ISD15104 [LQFP48]       | (1494)      |  |
| winbond           | ISD15108 [LQFP48]       | (1494)      |  |
| winbond           | ISD15116 [LQFP48]       | (1494)      |  |
| winbond           | N79E352                 |             |  |
| winbond           | N79E352 [LQFP48]        | (174)       |  |
| winbond           | N79E352 [PLCC44]        | (67)        |  |
| winbond           | N79E352 [PQFP44]        | (108)       |  |
| winbond           | N79E352A                |             |  |
| winbond           | N79E352A [LQFP48]       | (174)       |  |
| winbond           | N79E352A [PLCC44]       | (67)        |  |
| winbond           | N79E352A [PQFP44]       | (108)       |  |
| winbond           | N79E352R                |             |  |
| winbond           | N79E352R [LQFP48]       | (174)       |  |
| winbond           | N79E352R [PLCC44]       | (67)        |  |
| winbond           | N79E352R [PQFP44]       | (108)       |  |
| winbond           | N79E352RA               |             |  |
| winbond           | N79E352RA [LQFP48]      | (174)       |  |
| winbond           | N79E352RA [PLCC44]      | (67)        |  |
| winbond           | N79E352RA [PQFP44]      | (108)       |  |
| winbond           | N79E353 [LQFP64]        | (1298)      |  |
| winbond           | N79E875 [LQFP48]        | (174)       |  |
| winbond           | N79E875A [LQFP48]       | (174)       |  |
| winbond           | N79E875R [LQFP48]       | (174)       |  |
| winbond           | N79E875RA [LQFP48]      | (174)       |  |
| winbond           | N79M875 [LQFP48]        | (174)       |  |
| winbond           | N79M875A [LQFP48]       | (174)       |  |
| winbond           | N79M875R [LQFP48]       | (174)       |  |
| winbond           | N79M875RA [LQFP48]      | (174)       |  |
| winbond           | W15B020 [SOIC8]         | (3095) (*1) |  |
| winbond           | W15B040 [SOIC8]         | (3095) (*1) |  |
| winbond           | W19B160BBB [TFBGA48]    | (760)       |  |
| winbond           | W19B160BBT [TSOP48]     | (1346)      |  |
| winbond           | W19B160BTB [TFBGA48]    | (760)       |  |
| winbond           | W19B160BTT [TSOP48]     | (1346)      |  |
| winbond           | W19B320AB [TFBGA48]     | (508)       |  |
| winbond           | W19B320AB [TSOP48]      | (1346)      |  |
| winbond           | W19B320AT [TFBGA48]     | (508)       |  |
| winbond           | W19B320AT [TSOP48]      | (1346)      |  |
| winbond           | W19B320BB [TFBGA48]     | (760)       |  |
| winbond           | W19B320BB [TSOP48]      | (1346)      |  |
| winbond           | W19B320BT [TFBGA48]     | (760)       |  |
| winbond           | W19B320BT [TSOP48]      | (1346)      |  |
| winbond           | W19B320SB [TFBGA48]     | (1421)      |  |

|         |              |                        |             |
|---------|--------------|------------------------|-------------|
| winbond | w19b320SB    | [TSOP48]               | (1346)      |
| winbond | w19b320ST    | [TFBGA48]              | (1421)      |
| winbond | w19b320ST    | [TSOP48]               | (1346)      |
| winbond | w19b322MB    | [TFBGA48]              | (508)       |
| winbond | w19b322MB    | [TSOP48]               | (1346)      |
| winbond | w19b322MT    | [TFBGA48]              | (508)       |
| winbond | w19b322MT    | [TSOP48]               | (1346)      |
| winbond | w19b323MB    | [TFBGA48]              | (508)       |
| winbond | w19b323MB    | [TSOP48]               | (1346)      |
| winbond | w19b323MT    | [TFBGA48]              | (508)       |
| winbond | w19b323MT    | [TSOP48]               | (1346)      |
| winbond | w19b324MB    | [TFBGA48]              | (508)       |
| winbond | w19b324MB    | [TSOP48]               | (1346)      |
| winbond | w19b324MT    | [TFBGA48]              | (508)       |
| winbond | w19b324MT    | [TSOP48]               | (1346)      |
| winbond | w19L320SB    | [TFBGA48]              | (1421)      |
| winbond | w19L320SB    | [TSOP48]               | (1346)      |
| winbond | w19L320ST    | [TFBGA48]              | (1421)      |
| winbond | w19L320ST    | [TSOP48]               | (1346)      |
| winbond | w25b40AV     | (ISP)                  | (138)       |
| winbond | w25b40AV     | [SOIC8]                | (3095) (*1) |
| winbond | w25b40V      | [SOIC8]                | (3095) (*1) |
| winbond | w25d10V      |                        |             |
| winbond | w25d10V      | (ISP)                  | (138)       |
| winbond | w25d10V      | [SOIC8]                | (3095) (*1) |
| winbond | w25d10V      | [WSON8]                | (3097) (*1) |
| winbond | w25d20V      |                        |             |
| winbond | w25d20V      | (ISP)                  | (138)       |
| winbond | w25d20V      | [SOIC8]                | (3095) (*1) |
| winbond | w25d20V      | [WSON8]                | (3097) (*1) |
| winbond | w25d40V      |                        |             |
| winbond | w25d40V      | (ISP)                  | (138)       |
| winbond | w25d40V      | [SOIC8-150]            | (3095) (*1) |
| winbond | w25d40V      | [SOIC8-200]            | (3088) (*1) |
| winbond | w25d40V      | [WSON8]                | (3097) (*1) |
| winbond | w25d80V      |                        |             |
| winbond | w25d80V      | (ISP)                  | (138)       |
| winbond | w25d80V      | [SOIC8]                | (3088) (*1) |
| winbond | w25d80V      | [WSON8]                | (3097) (*1) |
| winbond | w25M02GVTC   | [TFBGA24]              | (3128)      |
| winbond | w25M02GVZE   | [WSON8]                | (4913) (*1) |
| winbond | w25M512JV    | [SOIC16]               | (3101) (*1) |
| winbond | w25M512JV    | [SOIC16] (QuadSPI)     | (3101) (*1) |
| winbond | w25M512JV    | [WSON8 8x6]            | (3926) (*1) |
| winbond | w25M512JwxxQ | [SOIC16]               | (3101) (*1) |
| winbond | w25M512JwxxQ | [SOIC16] (QuadSPI)     | (3101) (*1) |
| winbond | w25N01GVTC   | [TFBGA24]              | (3128)      |
| winbond | w25N01GVZE   | [WSON8]                | (4914) (*1) |
| winbond | w25N01GWZE   | [WSON8]                | (4971)      |
| winbond | w25P10V      | (ISP)                  | (138)       |
| winbond | w25P10V      | [SOIC8]                | (3095) (*1) |
| winbond | w25P16V      | (ISP)                  | (138)       |
| winbond | w25P16V      | [SOIC16]               | (3101) (*1) |
| winbond | w25P16V      | [SOIC8]                | (3088) (*1) |
| winbond | w25P20V      | (ISP)                  | (138)       |
| winbond | w25P20V      | [SOIC8]                | (3095) (*1) |
| winbond | w25P32V      | (ISP)                  | (138)       |
| winbond | w25P32V      | [SOIC16]               | (3101) (*1) |
| winbond | w25P32V      | [SOIC8]                | (3088) (*1) |
| winbond | w25P40V      | (ISP)                  | (138)       |
| winbond | w25P40V      | [SOIC8]                | (3095) (*1) |
| winbond | w25P80V      | (ISP)                  | (138)       |
| winbond | w25P80V      | [SOIC16]               | (3101) (*1) |
| winbond | w25P80V      | [SOIC8]                | (3088) (*1) |
| winbond | w25Q05CL     | (ISP)                  | (138)       |
| winbond | w25Q05CL     | [SOIC8-150]            | (3095) (*1) |
| winbond | w25Q05CL     | [TSSOP8]               | (1388)      |
| winbond | w25Q05CL     | [USON8]                | (3935) (*1) |
| winbond | w25Q05CL     | [VSOP8]                | (3095) (*1) |
| winbond | w25Q05CL     | [WSON8]                | (3097) (*1) |
| winbond | w25Q05CV     | (ISP)                  | (138)       |
| winbond | w25Q05CV     | [SOIC8-150]            | (3095) (*1) |
| winbond | w25Q05CV     | [USON8]                | (3935) (*1) |
| winbond | w25Q05CV     | [VSOP8]                | (3095) (*1) |
| winbond | w25Q05CV     | [WSON8]                | (3097) (*1) |
| winbond | w25Q10CL     | (ISP)                  | (138)       |
| winbond | w25Q10CL     | [SOIC8-150]            | (3095) (*1) |
| winbond | w25Q10CL     | [TSSOP8]               | (1388)      |
| winbond | w25Q10CL     | [USON8]                | (3935) (*1) |
| winbond | w25Q10CL     | [VSOP8]                | (3095) (*1) |
| winbond | w25Q10CL     | [WSON8]                | (3097) (*1) |
| winbond | w25Q10CV     | (ISP)                  | (138)       |
| winbond | w25Q10CV     | [SOIC8-150]            | (3095) (*1) |
| winbond | w25Q10CV     | [USON8]                | (3935) (*1) |
| winbond | w25Q10CV     | [VSOP8]                | (3095) (*1) |
| winbond | w25Q10CV     | [WSON8]                | (3097) (*1) |
| winbond | w25Q10EW     | (dc<1124) (ISP)        | (138)       |
| winbond | w25Q10EW     | (dc<1124) [SOIC8-150]  | (3095) (*1) |
| winbond | w25Q10EW     | (dc<1124) [SOIC8-200]  | (3088) (*1) |
| winbond | w25Q10EW     | (dc<1124) [USON8 2x3]  | (3935) (*1) |
| winbond | w25Q10EW     | (dc<1124) [USON8 4x3]  | (2430)      |
| winbond | w25Q10EW     | (dc<1124) [VSOP8-150]  | (3095) (*1) |
| winbond | w25Q10EW     | (dc<1124) [VSOP8-200]  | (3088) (*1) |
| winbond | w25Q10EW     | (dc<1124) [WSON8 6x5]  | (3097) (*1) |
| winbond | w25Q10EW     | (dc>=1124) (ISP)       | (138)       |
| winbond | w25Q10EW     | (dc>=1124) [SOIC8-150] | (3095) (*1) |
| winbond | w25Q10EW     | (dc>=1124) [SOIC8-200] | (3088) (*1) |
| winbond | w25Q10EW     | (dc>=1124) [USON8 2x3] | (3935) (*1) |
| winbond | w25Q10EW     | (dc>=1124) [USON8 4x3] | (2430)      |
| winbond | w25Q10EW     | (dc>=1124) [VSOP8-150] | (3095) (*1) |
| winbond | w25Q10EW     | (dc>=1124) [VSOP8-200] | (3088) (*1) |
| winbond | w25Q10EW     | (dc>=1124) [WSON8 6x5] | (3097) (*1) |
| winbond | w25Q128BV    | [SOIC16]               | (3101) (*1) |
| winbond | w25Q128BV    | [SOIC16] (QuadSPI)     | (3101) (*1) |
| winbond | w25Q128BV    | [WSON8]                | (3053) (*1) |
| winbond | w25Q128BV    | [WSON8] (QuadSPI)      | (3053) (*1) |
| winbond | w25Q128BVB   | [TFBGA24]              | (1343) (*1) |
| winbond | w25Q128BVB   | [TFBGA24] (QuadSPI)    | (1343) (*1) |
| winbond | w25Q128BVC   | [TFBGA24]              | (1268) (*1) |
| winbond | w25Q128BVC   | [TFBGA24] (QuadSPI)    | (1268) (*1) |
| winbond | w25Q128FV    |                        |             |
| winbond | w25Q128FV    | (ISP)                  | (138)       |
| winbond | w25Q128FV    | [SOIC16]               | (3101) (*1) |
| winbond | w25Q128FV    | [SOIC16] (QuadSPI)     | (3101) (*1) |
| winbond | w25Q128FV    | [SOIC8]                | (3088) (*1) |
| winbond | w25Q128FV    | [SOIC8] (QuadSPI)      | (3088) (*1) |
| winbond | w25Q128FV    | [VSOP8]                | (3088) (*1) |
| winbond | w25Q128FV    | [VSOP8] (QuadSPI)      | (3088) (*1) |
| winbond | w25Q128FV    | [WSON8 8x6]            | (3053) (*1) |
| winbond | w25Q128FV    | [WSON8 8x6] (QuadSPI)  | (3053) (*1) |
| winbond | w25Q128FV    | [WSON8]                | (3097) (*1) |
| winbond | w25Q128FV    | [WSON8] (QuadSPI)      | (3097) (*1) |
| winbond | w25Q128FVB   | [TFBGA24]              | (1343) (*1) |
| winbond | w25Q128FVB   | [TFBGA24] (QuadSPI)    | (1343) (*1) |
| winbond | w25Q128FVC   | [TFBGA24]              | (1268) (*1) |
| winbond | w25Q128FVC   | [TFBGA24] (QuadSPI)    | (1268) (*1) |
| winbond | w25Q128FWBG  | [TFBGA24]              | (1343) (*1) |
| winbond | w25Q128FWBG  | [TFBGA24] (QuadSPI)    | (1343) (*1) |

|         |                   |             |              |
|---------|-------------------|-------------|--------------|
| winbond | w25q128fwbxq      | [TFBGA24]   | (1343) (*1)  |
| winbond | w25q128fwbxq      | [TFBGA24]   | (1343) (*1)  |
| winbond | w25q128fwcxg      | [TFBGA24]   | (1268) (*1)  |
| winbond | w25q128fwcxg      | [TFBGA24]   | (1268) (*1)  |
| winbond | w25q128fwcxq      | [TFBGA24]   | (1268) (*1)  |
| winbond | w25q128fwcxq      | [TFBGA24]   | (1268) (*1)  |
| winbond | w25q128fwxxc      | [WLCSP32]   | (4355)       |
| winbond | w25q128fwxxc      | [WLCSP32]   | (4355)       |
| winbond | w25q128fwxxf      | (ISP)       | (138) (9997) |
| winbond | w25q128fwxxf      | [SOIC8-208] | (3088) (*1)  |
| winbond | w25q128fwxxf      | [SOIC8-208] | (3088) (*1)  |
| winbond | w25q128fwxxf      | [WSON8 6x5] | (3097) (*1)  |
| winbond | w25q128fwxxf      | [WSON8 6x5] | (3097) (*1)  |
| winbond | w25q128fwxxg      | (ISP)       | (138) (9997) |
| winbond | w25q128fwxxg      | [SOIC16]    | (3101) (*1)  |
| winbond | w25q128fwxxg      | [SOIC16]    | (3101) (*1)  |
| winbond | w25q128fwxxg      | [SOIC8-208] | (3088) (*1)  |
| winbond | w25q128fwxxg      | [SOIC8-208] | (3088) (*1)  |
| winbond | w25q128fwxxg      | [WSON8 6x5] | (3097) (*1)  |
| winbond | w25q128fwxxg      | [WSON8 6x5] | (3097) (*1)  |
| winbond | w25q128fwxxg      | [WSON8 8x6] | (3053) (*1)  |
| winbond | w25q128fwxxg      | [WSON8 8x6] | (3053) (*1)  |
| winbond | w25q128fwxxq      | (ISP)       | (138) (9997) |
| winbond | w25q128fwxxq      | [SOIC16]    | (3101) (*1)  |
| winbond | w25q128fwxxq      | [SOIC16]    | (3101) (*1)  |
| winbond | w25q128fwxxq      | [SOIC8-208] | (3088) (*1)  |
| winbond | w25q128fwxxq      | [SOIC8-208] | (3088) (*1)  |
| winbond | w25q128fwxxq      | [WSON8 6x5] | (3097) (*1)  |
| winbond | w25q128fwxxq      | [WSON8 6x5] | (3097) (*1)  |
| winbond | w25q128fwxxq      | [WSON8 8x6] | (3053) (*1)  |
| winbond | w25q128fwxxq      | [WSON8 8x6] | (3053) (*1)  |
| winbond | w25q128jvbxm-DTR  | [TFBGA24]   | (1343) (*1)  |
| winbond | w25q128jvbxm-DTR  | [TFBGA24]   | (1343) (*1)  |
| winbond | w25q128jvbxq      | [TFBGA24]   | (1343) (*1)  |
| winbond | w25q128jvbxq      | [TFBGA24]   | (1343) (*1)  |
| winbond | w25q128jvcxm-DTR  | [TFBGA24]   | (1268) (*1)  |
| winbond | w25q128jvcxm-DTR  | [TFBGA24]   | (1268) (*1)  |
| winbond | w25q128jvcxq      | [TFBGA24]   | (1268) (*1)  |
| winbond | w25q128jvcxq      | [TFBGA24]   | (1268) (*1)  |
| winbond | w25q128jvxxm-DTR  | [SOIC16]    | (3100) (*1)  |
| winbond | w25q128jvxxm-DTR  | [SOIC16]    | (3100) (*1)  |
| winbond | w25q128jvxxm-DTR  | [SOIC8-200] | (3087) (*1)  |
| winbond | w25q128jvxxm-DTR  | [SOIC8-200] | (3087) (*1)  |
| winbond | w25q128jvxxm-DTR  | [WSON8 6x5] | (4117) (*1)  |
| winbond | w25q128jvxxm-DTR  | [WSON8 6x5] | (4117) (*1)  |
| winbond | w25q128jvxxm-DTR  | [WSON8 8x6] | (3926) (*1)  |
| winbond | w25q128jvxxm-DTR  | [WSON8 8x6] | (3926) (*1)  |
| winbond | w25q128jvxxq      | (ISP)       | (138) (9997) |
| winbond | w25q128jvxxq      | [SOIC16]    | (3100) (*1)  |
| winbond | w25q128jvxxq      | [SOIC16]    | (3100) (*1)  |
| winbond | w25q128jvxxq      | [SOIC8-200] | (3087) (*1)  |
| winbond | w25q128jvxxq      | [SOIC8-200] | (3087) (*1)  |
| winbond | w25q128jvxxq      | [WSON8 6x5] | (4117) (*1)  |
| winbond | w25q128jvxxq      | [WSON8 8x6] | (3926) (*1)  |
| winbond | w25q128jvxxq      | [WSON8 8x6] | (3926) (*1)  |
| winbond | w25q128jwbxq      | [TFBGA24]   | (1343) (*1)  |
| winbond | w25q128jwbxq      | [TFBGA24]   | (1343) (*1)  |
| winbond | w25q128jwcxq      | [TFBGA24]   | (1268) (*1)  |
| winbond | w25q128jwcxq      | [TFBGA24]   | (1268) (*1)  |
| winbond | w25q128jwxm       | (ISP)       | (138) (9997) |
| winbond | w25q128jwxm       | [SOIC8-208] | (3087) (*1)  |
| winbond | w25q128jwxm       | [SOIC8-208] | (3087) (*1)  |
| winbond | w25q128jwxm-DTR   | (ISP)       | (138) (9997) |
| winbond | w25q128jwxm-DTR   | [SOIC8-208] | (3087) (*1)  |
| winbond | w25q128jwxm-DTR   | [SOIC8-208] | (3087) (*1)  |
| winbond | w25q128jwxq       | (ISP)       | (138) (9997) |
| winbond | w25q128jwxq       | [SOIC16]    | (3100) (*1)  |
| winbond | w25q128jwxq       | [SOIC16]    | (3100) (*1)  |
| winbond | w25q128jwxq       | [SOIC8-208] | (3087) (*1)  |
| winbond | w25q128jwxq       | [SOIC8-208] | (3087) (*1)  |
| winbond | w25q168v          | (ISP)       | (138)        |
| winbond | w25q168v          | [SOIC16]    | (3101) (*1)  |
| winbond | w25q168v          | [SOIC16]    | (3101) (*1)  |
| winbond | w25q168v          | [SOIC16]    | (3101) (*1)  |
| winbond | w25q168v          | [SOIC8-150] | (3095) (*1)  |
| winbond | w25q168v          | [SOIC8-150] | (3095) (*1)  |
| winbond | w25q168v          | [SOIC8-150] | (3095) (*1)  |
| winbond | w25q168v          | [SOIC8-200] | (3088) (*1)  |
| winbond | w25q168v          | [SOIC8-200] | (3088) (*1)  |
| winbond | w25q168v          | [SOIC8-200] | (3088) (*1)  |
| winbond | w25q168v          | [WSON8]     | (3097) (*1)  |
| winbond | w25q168v          | [WSON8]     | (3097) (*1)  |
| winbond | w25q168v          | [WSON8]     | (3097) (*1)  |
| winbond | w25q16cl          | (ISP)       | (138)        |
| winbond | w25q16cl          | [SOIC16]    | (3101) (*1)  |
| winbond | w25q16cl          | [SOIC16]    | (3101) (*1)  |
| winbond | w25q16cl          | [SOIC8-150] | (3095) (*1)  |
| winbond | w25q16cl          | [SOIC8-150] | (3095) (*1)  |
| winbond | w25q16cl          | [SOIC8-200] | (3088) (*1)  |
| winbond | w25q16cl          | [SOIC8-200] | (3088) (*1)  |
| winbond | w25q16cl          | [WSON8]     | (3097) (*1)  |
| winbond | w25q16cl          | [WSON8]     | (3097) (*1)  |
| winbond | w25q16cv(dc<1023) | (ISP)       | (138)        |
| winbond | w25q16cv(dc<1023) | [SOIC16]    | (3101) (*1)  |
| winbond | w25q16cv(dc<1023) | [SOIC16]    | (3101) (*1)  |
| winbond | w25q16cv(dc<1023) | [SOIC8-150] | (3095) (*1)  |
| winbond | w25q16cv(dc<1023) | [SOIC8-150] | (3095) (*1)  |
| winbond | w25q16cv(dc<1023) | [SOIC8-200] | (3088) (*1)  |
| winbond | w25q16cv(dc<1023) | [SOIC8-200] | (3088) (*1)  |
| winbond | w25q16cv(dc<1023) | [VSOP8-150] | (3095) (*1)  |
| winbond | w25q16cv(dc<1023) | [VSOP8-200] | (3088) (*1)  |
| winbond | w25q16cv(dc<1023) | [WSON8]     | (3097) (*1)  |
| winbond | w25q16cv(dc<1023) | [WSON8]     | (3097) (*1)  |
| winbond | w25q16cv(dc=1023) | (ISP)       | (138)        |
| winbond | w25q16cv(dc=1023) | [SOIC16]    | (3101) (*1)  |
| winbond | w25q16cv(dc=1023) | [SOIC16]    | (3101) (*1)  |
| winbond | w25q16cv(dc=1023) | [SOIC8-150] | (3095) (*1)  |
| winbond | w25q16cv(dc=1023) | [SOIC8-150] | (3095) (*1)  |
| winbond | w25q16cv(dc=1023) | [SOIC8-200] | (3088) (*1)  |
| winbond | w25q16cv(dc=1023) | [SOIC8-200] | (3088) (*1)  |
| winbond | w25q16cv(dc=1023) | [VSOP8-150] | (3095) (*1)  |
| winbond | w25q16cv(dc=1023) | [VSOP8-200] | (3088) (*1)  |
| winbond | w25q16cv(dc=1023) | [WSON8]     | (3097) (*1)  |
| winbond | w25q16cv(dc=1023) | [WSON8]     | (3097) (*1)  |
| winbond | w25q16cvtbxp      | [TFBGA24]   | (1343) (*1)  |
| winbond | w25q16cvtbxp      | [TFBGA24]   | (1343) (*1)  |
| winbond | w25q16cvtcxp      | [TFBGA24]   | (1268) (*1)  |
| winbond | w25q16cvtcxp      | [TFBGA24]   | (1268) (*1)  |
| winbond | w25q16cvxxxp      | (ISP)       | (138)        |
| winbond | w25q16cvxxxp      | [SOIC16]    | (3101) (*1)  |

|         |                  |                       |              |
|---------|------------------|-----------------------|--------------|
| winbond | w25q16cvxxp      | [SOIC16] (QuadSPI)    | (3101) (*1)  |
| winbond | w25q16cvxxp      | [SOIC8-150]           | (3095) (*1)  |
| winbond | w25q16cvxxp      | [SOIC8-150] (QuadSPI) | (3095) (*1)  |
| winbond | w25q16cvxxp      | [SOIC8-200]           | (3088) (*1)  |
| winbond | w25q16cvxxp      | [SOIC8-200] (QuadSPI) | (3088) (*1)  |
| winbond | w25q16cvxxp      | [wSON8]               | (3097) (*1)  |
| winbond | w25q16cvxxp      | [wSON8] (QuadSPI)     | (3097) (*1)  |
| winbond | w25q16dv         |                       |              |
| winbond | w25q16dv         | (ISP)                 | (138)        |
| winbond | w25q16dv         | [SOIC16]              | (3101) (*1)  |
| winbond | w25q16dv         | [SOIC16] (QuadSPI)    | (3101) (*1)  |
| winbond | w25q16dv         | [SOIC8-150]           | (3095) (*1)  |
| winbond | w25q16dv         | [SOIC8-150] (QuadSPI) | (3095) (*1)  |
| winbond | w25q16dv         | [SOIC8-200]           | (3088) (*1)  |
| winbond | w25q16dv         | [SOIC8-200] (QuadSPI) | (3088) (*1)  |
| winbond | w25q16dv         | [USON8 4x3]           | (2430)       |
| winbond | w25q16dv         | [VSOP8-150]           | (3095) (*1)  |
| winbond | w25q16dv         | [VSOP8-150] (QuadSPI) | (3095) (*1)  |
| winbond | w25q16dv         | [VSOP8-200]           | (3088) (*1)  |
| winbond | w25q16dv         | [VSOP8-200] (QuadSPI) | (3088) (*1)  |
| winbond | w25q16dv         | [wSON8]               | (3097) (*1)  |
| winbond | w25q16dv         | [wSON8] (QuadSPI)     | (3097) (*1)  |
| winbond | w25q16dvTB       | [TFBGA24]             | (1343) (*1)  |
| winbond | w25q16dvTB       | [TFBGA24] (QuadSPI)   | (1343) (*1)  |
| winbond | w25q16dvTC       | [TFBGA24]             | (1268) (*1)  |
| winbond | w25q16dvTC       | [TFBGA24] (QuadSPI)   | (1268) (*1)  |
| winbond | w25q16dw         | (ISP)                 | (138)        |
| winbond | w25q16dw         | [SOIC16]              | (3101) (*1)  |
| winbond | w25q16dw         | [SOIC16] (DualSPI)    | (3101) (*1)  |
| winbond | w25q16dw         | [SOIC8-150]           | (3095) (*1)  |
| winbond | w25q16dw         | [SOIC8-150] (DualSPI) | (3095) (*1)  |
| winbond | w25q16dw         | [SOIC8-200]           | (3088) (*1)  |
| winbond | w25q16dw         | [SOIC8-200] (DualSPI) | (3088) (*1)  |
| winbond | w25q16dw         | [USON8 4x3]           | (2430)       |
| winbond | w25q16dw         | [WLBGA8]              | (3389) (*1)  |
| winbond | w25q16dw         | [WLBGA8] (DualSPI)    | (3389) (*1)  |
| winbond | w25q16dw         | [WLBGA8] (QuadSPI)    | (3389) (*1)  |
| winbond | w25q16dw         | [WL CSP8]             | (3389) (*1)  |
| winbond | w25q16dw         | [WL CSP8] (DualSPI)   | (3389) (*1)  |
| winbond | w25q16dw         | [WL CSP8] (QuadSPI)   | (3389) (*1)  |
| winbond | w25q16dw         | [wSON8 6x5] (DualSPI) | (3097) (*1)  |
| winbond | w25q16dw         | [wSON8]               | (3097) (*1)  |
| winbond | w25q16fwxxxg     | (ISP)                 | (138) (9997) |
| winbond | w25q16fwxxxg     | [SOIC8-150]           | (3094) (*1)  |
| winbond | w25q16fwxxxg     | [SOIC8-200]           | (3087) (*1)  |
| winbond | w25q16fwxxxg     | [USON8 2x3]           | (3935) (*1)  |
| winbond | w25q16fwxxxg     | [USON8 4x3]           | (2430)       |
| winbond | w25q16fwxxxg     | [wSON8 6x5]           | (4117) (*1)  |
| winbond | w25q16fwxxxq     | (ISP)                 | (138) (9997) |
| winbond | w25q16fwxxxq     | [SOIC8-150]           | (3094) (*1)  |
| winbond | w25q16fwxxxq     | [SOIC8-200]           | (3088) (*1)  |
| winbond | w25q16fwxxxq     | [USON8 4x3]           | (2430)       |
| winbond | w25q16fwxxxq     | [wSON8 6x5]           | (4117) (*1)  |
| winbond | w25q16jLxxxg     | (ISP)                 | (138)        |
| winbond | w25q16jLxxxg     | [SOIC8-150]           | (3094) (*1)  |
| winbond | w25q16jLxxxg     | [SOIC8-200]           | (3087) (*1)  |
| winbond | w25q16jLxxxg     | [VSOP8-150]           | (3094) (*1)  |
| winbond | w25q16jLxxxg     | [wSON8 6x5]           | (4117) (*1)  |
| winbond | w25q16jVxxxm-DTR | (ISP)                 | (138)        |
| winbond | w25q16jVxxxm-DTR | [SOIC8-150]           | (3094) (*1)  |
| winbond | w25q16jVxxxm-DTR | [SOIC8-200]           | (3087) (*1)  |
| winbond | w25q16jVxxxm-DTR | [VSOP8-200]           | (3087) (*1)  |
| winbond | w25q16jVxxxm-DTR | [wSON8 6x5]           | (4117) (*1)  |
| winbond | w25q16jVxxxq     | (ISP)                 | (138)        |
| winbond | w25q16jVxxxq     | [SOIC8-150]           | (3094) (*1)  |
| winbond | w25q16jVxxxq     | [SOIC8-200]           | (3087) (*1)  |
| winbond | w25q16jVxxxq     | [USON8 2x3]           | (3935) (*1)  |
| winbond | w25q16jVxxxq     | [USON8 4x3]           | (2430)       |
| winbond | w25q16jVxxxq     | [wSON8 6x5]           | (4117) (*1)  |
| winbond | w25q16v          | (ISP)                 | (138)        |
| winbond | w25q16v          | [SOIC16]              | (3101) (*1)  |
| winbond | w25q16v          | [SOIC16] (DualSPI)    | (3101) (*1)  |
| winbond | w25q16v          | [SOIC16] (QuadSPI)    | (3101) (*1)  |
| winbond | w25q16v          | [SOIC8]               | (3088) (*1)  |
| winbond | w25q16v          | [SOIC8] (DualSPI)     | (3088) (*1)  |
| winbond | w25q16v          | [SOIC8] (QuadSPI)     | (3088) (*1)  |
| winbond | w25q16v          | [wSON8]               | (3097) (*1)  |
| winbond | w25q16v          | [wSON8] (DualSPI)     | (3097) (*1)  |
| winbond | w25q16v          | [wSON8] (QuadSPI)     | (3097) (*1)  |
| winbond | w25q20bw         | (ISP)                 | (138)        |
| winbond | w25q20bw         | [SOIC8-150]           | (3095) (*1)  |
| winbond | w25q20bw         | [SOIC8-150] (DualSPI) | (3095) (*1)  |
| winbond | w25q20bw         | [USON8]               | (3935) (*1)  |
| winbond | w25q20bw         | [VSOP8-150]           | (3095) (*1)  |
| winbond | w25q20bw         | [wSON8]               | (3097) (*1)  |
| winbond | w25q20bw         | [wSON8] (DualSPI)     | (3097) (*1)  |
| winbond | w25q20cl         | (ISP)                 | (138)        |
| winbond | w25q20cl         | [SOIC8-150]           | (3095) (*1)  |
| winbond | w25q20cl         | [USON8]               | (3935) (*1)  |
| winbond | w25q20cl         | [VSOP8]               | (3095) (*1)  |
| winbond | w25q20cl         | [wSON8]               | (3097) (*1)  |
| winbond | w25q20cv         | (ISP)                 | (138)        |
| winbond | w25q20cv         | [SOIC8-150]           | (3095) (*1)  |
| winbond | w25q20cv         | [USON8]               | (3935) (*1)  |
| winbond | w25q20cv         | [VSOP8]               | (3095) (*1)  |
| winbond | w25q20cv         | [wSON8]               | (3097) (*1)  |
| winbond | w25q20ew         | (ISP)                 | (138)        |
| winbond | w25q20ew         | [SOIC8-150]           | (3095) (*1)  |
| winbond | w25q20ew         | [SOIC8-200]           | (3088) (*1)  |
| winbond | w25q20ew         | [USON8 2x3]           | (3935) (*1)  |
| winbond | w25q20ew         | [USON8 4x3]           | (2430)       |
| winbond | w25q20ew         | [VSOP8-150]           | (3095) (*1)  |
| winbond | w25q20ew         | [VSOP8-200]           | (3088) (*1)  |
| winbond | w25q20ew         | [wSON8 6x5]           | (3097) (*1)  |
| winbond | w25q256fv        | (ISP)                 | (138)        |
| winbond | w25q256fv        | [SOIC16]              | (3101) (*1)  |
| winbond | w25q256fv        | [SOIC16] (QuadSPI)    | (3101) (*1)  |
| winbond | w25q256fv        | [wSON8 8x6]           | (3053) (*1)  |
| winbond | w25q256fv        | [wSON8 8x6] (QuadSPI) | (3053) (*1)  |
| winbond | w25q256fvB       | [TFBGA24]             | (1343) (*1)  |
| winbond | w25q256fvB       | [TFBGA24] (QuadSPI)   | (1343) (*1)  |
| winbond | w25q256fvc       | [TFBGA24]             | (1268) (*1)  |
| winbond | w25q256fvc       | [TFBGA24] (QuadSPI)   | (1268) (*1)  |
| winbond | w25q256jVBxq     | [TFBGA24]             | (1343) (*1)  |
| winbond | w25q256jVCxq     | [TFBGA24]             | (1268) (*1)  |
| winbond | w25q256jVxxm     | (ISP)                 | (138) (9997) |
| winbond | w25q256jVxxm     | [SOIC16]              | (3100) (*1)  |
| winbond | w25q256jVxxm     | [wSON8 8x6]           | (3926) (*1)  |
| winbond | w25q256jVxxm     | [wSON8 8x6] (QuadSPI) | (3926) (*1)  |
| winbond | w25q256jVxxm-DTR | (ISP)                 | (138) (9997) |
| winbond | w25q256jVxxm-DTR | [SOIC16]              | (3100) (*1)  |
| winbond | w25q256jVxxm-DTR | [wSON8 8x6]           | (3926) (*1)  |
| winbond | w25q256jVxxm-DTR | [wSON8 8x6] (QuadSPI) | (3926) (*1)  |
| winbond | w25q256jVxxq     | (ISP)                 | (138) (9997) |
| winbond | w25q256jVxxq     | [SOIC16]              | (3101) (*1)  |
| winbond | w25q256jVxxq     | [WFLGA8 6x5]          | (4117) (*1)  |
| winbond | w25q256jVxxq     | [wSON8 8x6]           | (3926) (*1)  |
| winbond | w25q256jWBxq     | [TFBGA24]             | (1343) (*1)  |

|         |                                        |              |
|---------|----------------------------------------|--------------|
| winbond | w25q256jwcxq [TFBGA24]                 | (1268) (*1)  |
| winbond | w25q256jwxm [SOIC16]                   | (3100) (*1)  |
| winbond | w25q256jwxm-DTR [SOIC16]               | (3100) (*1)  |
| winbond | w25q256jwxm-DTR [WSON8 6x5]            | (4117) (*1)  |
| winbond | w25q256jwxq (ISP)                      | (138) (9997) |
| winbond | w25q256jwxq [SOIC16]                   | (3100) (*1)  |
| winbond | w25q256jwxq [WSON8 6x5]                | (4117) (*1)  |
| winbond | w25q256jwxq [WSON8 8x6]                | (3926) (*1)  |
| winbond | w25q257fv (ISP)                        | (138)        |
| winbond | w25q257fv [SOIC16]                     | (3101) (*1)  |
| winbond | w25q257fvxxf (ISP)                     | (138)        |
| winbond | w25q257fvxxf [SOIC16]                  | (3100) (*1)  |
| winbond | w25q32bv (dc<1023)                     |              |
| winbond | w25q32bv (dc<1023) (ISP)               | (138)        |
| winbond | w25q32bv (dc<1023) [SOIC16]            | (3101) (*1)  |
| winbond | w25q32bv (dc<1023) [SOIC16] (QuadSPI)  | (3101) (*1)  |
| winbond | w25q32bv (dc<1023) [SOIC8]             | (3088) (*1)  |
| winbond | w25q32bv (dc<1023) [SOIC8] (QuadSPI)   | (3088) (*1)  |
| winbond | w25q32bv (dc<1023) [VSOP8-200]         | (3088) (*1)  |
| winbond | w25q32bv (dc<1023) [WSON8]             | (3097) (*1)  |
| winbond | w25q32bv (dc<1023) [WSON8] (QuadSPI)   | (3097) (*1)  |
| winbond | w25q32bv (dc>=1023)                    |              |
| winbond | w25q32bv (dc>=1023) (ISP)              | (138)        |
| winbond | w25q32bv (dc>=1023) [SOIC16]           | (3101) (*1)  |
| winbond | w25q32bv (dc>=1023) [SOIC16] (QuadSPI) | (3101) (*1)  |
| winbond | w25q32bv (dc>=1023) [SOIC8]            | (3088) (*1)  |
| winbond | w25q32bv (dc>=1023) [SOIC8] (QuadSPI)  | (3088) (*1)  |
| winbond | w25q32bv (dc>=1023) TFBGA24            | (1268) (*1)  |
| winbond | w25q32bv (dc>=1023) TFBGA24 (QuadSPI)  | (1268) (*1)  |
| winbond | w25q32bv (dc>=1023) [VSOP8] (QuadSPI)  | (3088) (*1)  |
| winbond | w25q32bv (dc>=1023) [VSOP8-200]        | (3088) (*1)  |
| winbond | w25q32bv (dc>=1023) [WSON8]            | (3097) (*1)  |
| winbond | w25q32bv (dc>=1023) [WSON8] (QuadSPI)  | (3097) (*1)  |
| winbond | w25q32bw (ISP)                         | (138)        |
| winbond | w25q32bw [SOIC16]                      | (3101) (*1)  |
| winbond | w25q32bw [SOIC16] (DualSPI)            | (3101) (*1)  |
| winbond | w25q32bw [SOIC8-150]                   | (3095) (*1)  |
| winbond | w25q32bw [SOIC8-150] (DualSPI)         | (3095) (*1)  |
| winbond | w25q32bw [SOIC8-200]                   | (3088) (*1)  |
| winbond | w25q32bw [SOIC8-200] (DualSPI)         | (3088) (*1)  |
| winbond | w25q32bw WSON8 6x5                     | (3097) (*1)  |
| winbond | w25q32bw WSON8 6x5 (DualSPI)           | (3097) (*1)  |
| winbond | w25q32bw WSON8 8x6                     | (3053) (*1)  |
| winbond | w25q32bw WSON8 8x6 (DualSPI)           | (3053) (*1)  |
| winbond | w25q32dw (ISP)                         | (138)        |
| winbond | w25q32dw [SOIC16]                      | (3101) (*1)  |
| winbond | w25q32dw [SOIC16] (DualSPI)            | (3101) (*1)  |
| winbond | w25q32dw [SOIC16] (QuadSPI)            | (3101) (*1)  |
| winbond | w25q32dw [SOIC8-150]                   | (3095) (*1)  |
| winbond | w25q32dw [SOIC8-150] (DualSPI)         | (3095) (*1)  |
| winbond | w25q32dw [SOIC8-150] (QuadSPI)         | (3095) (*1)  |
| winbond | w25q32dw [SOIC8-200]                   | (3088) (*1)  |
| winbond | w25q32dw [SOIC8-200] (DualSPI)         | (3088) (*1)  |
| winbond | w25q32dw [SOIC8-200] (QuadSPI)         | (3088) (*1)  |
| winbond | w25q32dw WSON8 6x5                     | (3097) (*1)  |
| winbond | w25q32dw WSON8 6x5 (DualSPI)           | (3097) (*1)  |
| winbond | w25q32dw WSON8 6x5 (QuadSPI)           | (3097) (*1)  |
| winbond | w25q32dw WSON8 8x6                     | (3053) (*1)  |
| winbond | w25q32dw WSON8 8x6 (DualSPI)           | (3053) (*1)  |
| winbond | w25q32dw WSON8 8x6 (QuadSPI)           | (3053) (*1)  |
| winbond | w25q32fv                               |              |
| winbond | w25q32fv & w25q128fv (Custom 2)        | (3862)       |
| winbond | w25q32fv (Custom 1)                    | (3232)       |
| winbond | w25q32fv (ISP)                         | (138)        |
| winbond | w25q32fv [SOIC16]                      | (3101) (*1)  |
| winbond | w25q32fv [SOIC16] (QuadSPI)            | (3101) (*1)  |
| winbond | w25q32fv [SOIC8-200]                   | (3088) (*1)  |
| winbond | w25q32fv [SOIC8-200] (QuadSPI)         | (3088) (*1)  |
| winbond | w25q32fv [VSOP8-200]                   | (3088) (*1)  |
| winbond | w25q32fv [VSOP8-200] (QuadSPI)         | (3088) (*1)  |
| winbond | w25q32fv WSON8 6x5                     | (3097) (*1)  |
| winbond | w25q32fv WSON8 6x5 (QuadSPI)           | (3097) (*1)  |
| winbond | w25q32fv WSON8 8x6                     | (3053) (*1)  |
| winbond | w25q32fv WSON8 8x6 (QuadSPI)           | (3053) (*1)  |
| winbond | w25q32fvTB [TFBGA24]                   | (1343) (*1)  |
| winbond | w25q32fvTB [TFBGA24] (QuadSPI)         | (1343) (*1)  |
| winbond | w25q32fvTC [TFBGA24]                   | (1268) (*1)  |
| winbond | w25q32fvTC [TFBGA24] (QuadSPI)         | (1268) (*1)  |
| winbond | w25q32fvxxxq [SOIC16]                  | (3100) (*1)  |
| winbond | w25q32fvxxxq [SOIC8-200]               | (3087) (*1)  |
| winbond | w25q32fvxxxq [SOIC8-200] (QuadSPI)     | (3087) (*1)  |
| winbond | w25q32fvxxxq [WSON8 6x5]               | (4117) (*1)  |
| winbond | w25q32fw (ISP)                         | (138)        |
| winbond | w25q32fw [SOIC16]                      | (3101) (*1)  |
| winbond | w25q32fw [SOIC8]                       | (3088) (*1)  |
| winbond | w25q32fw [SOIC8] (QuadSPI)             | (3088) (*1)  |
| winbond | w25q32fw WSON8 6x5                     | (3097) (*1)  |
| winbond | w25q32fw WSON8 8x6                     | (3053) (*1)  |
| winbond | w25q32fw [XSON8 4x4]                   | (3233)       |
| winbond | w25q32fwTB [TFBGA24]                   | (1343) (*1)  |
| winbond | w25q32fwTC [TFBGA24]                   | (1268) (*1)  |
| winbond | w25q32jvTBxq [TFBGA24]                 | (1343) (*1)  |
| winbond | w25q32jvTBxq [TFBGA24] (QuadSPI)       | (1343) (*1)  |
| winbond | w25q32jvTCxq [TFBGA24]                 | (1268) (*1)  |
| winbond | w25q32jvTCxq [TFBGA24] (QuadSPI)       | (1268) (*1)  |
| winbond | w25q32jvxxxm-DTR (ISP)                 | (138) (9997) |
| winbond | w25q32jvxxxm-DTR [SOIC8-200]           | (3087) (*1)  |
| winbond | w25q32jvxxxm-DTR [SOIC8-200] (QuadSPI) | (3087) (*1)  |
| winbond | w25q32jvxxxm-DTR [VSOP8-200]           | (3087) (*1)  |
| winbond | w25q32jvxxxm-DTR [VSOP8-200] (QuadSPI) | (3087) (*1)  |
| winbond | w25q32jvxxxm-DTR [WSON8 6x5]           | (4117) (*1)  |
| winbond | w25q32jvxxxm-DTR [WSON8 6x5] (QuadSPI) | (4117) (*1)  |
| winbond | w25q32jvxxxq (ISP)                     | (138)        |
| winbond | w25q32jvxxxq [SOIC16]                  | (3101) (*1)  |
| winbond | w25q32jvxxxq [SOIC16] (QuadSPI)        | (3100) (*1)  |
| winbond | w25q32jvxxxq [SOIC8-150]               | (3094) (*1)  |
| winbond | w25q32jvxxxq [SOIC8-150] (QuadSPI)     | (3094) (*1)  |
| winbond | w25q32jvxxxq [SOIC8-200]               | (3088) (*1)  |
| winbond | w25q32jvxxxq [SOIC8-200] (QuadSPI)     | (3088) (*1)  |
| winbond | w25q32jvxxxq [SOIC8-208] (LGE_DIS)     | (3088) (*1)  |
| winbond | w25q32jvxxxq [VSOP8-200]               | (3088) (*1)  |
| winbond | w25q32jvxxxq [VSOP8-200] (QuadSPI)     | (3087) (*1)  |
| winbond | w25q32jvxxxq [WSON8 6x5]               | (4117) (*1)  |
| winbond | w25q32jvxxxq [WSON8 6x5] (QuadSPI)     | (4117) (*1)  |
| winbond | w25q32jvxxxq [WSON8 8x6]               | (3053) (*1)  |
| winbond | w25q32jvxxxq [XSON8 4x4]               | (3233)       |
| winbond | w25q32jvxxxq [XSON8 4x4] (QuadSPI)     | (3233)       |
| winbond | w25q32jwxxxm [SOIC8-208]               | (3087) (*1)  |
| winbond | w25q32jwxxxm [SOIC8-208] (QuadSPI)     | (3087) (*1)  |
| winbond | w25q32jwxxxm-DTR [SOIC8-208]           | (3087) (*1)  |
| winbond | w25q32jwxxxm-DTR [SOIC8-208] (QuadSPI) | (3087) (*1)  |
| winbond | w25q32jwxxxq [SOIC8-200] (QuadSPI)     | (3088) (*1)  |
| winbond | w25q32jwxxxq [USON8 4x3] (QuadSPI)     | (2430)       |
| winbond | w25q32jwxxxq [XSON8 4x4] (QuadSPI)     | (3233)       |
| winbond | w25q32v (ISP)                          | (138)        |
| winbond | w25q32v [SOIC16]                       | (3101) (*1)  |
| winbond | w25q32v [SOIC16] (DualSPI)             | (3101) (*1)  |
| winbond | w25q32v [SOIC16] (QuadSPI)             | (3101) (*1)  |

|         |                  |                        |           |              |
|---------|------------------|------------------------|-----------|--------------|
| winbond | w25q32v          | [SOIC8]                |           | (3088) (*1)  |
| winbond | w25q32v          | [SOIC8]                | (DualSPI) | (3088) (*1)  |
| winbond | w25q32v          | [SOIC8]                | (QuadSPI) | (3088) (*1)  |
| winbond | w25q32v          | [wSON8]                |           | (3097) (*1)  |
| winbond | w25q32v          | [wSON8]                | (DualSPI) | (3097) (*1)  |
| winbond | w25q32v          | [wSON8]                | (QuadSPI) | (3097) (*1)  |
| winbond | w25q40BL         | (ISP)                  |           | (138)        |
| winbond | w25q40BL         | [SOIC8-150]            |           | (3095) (*1)  |
| winbond | w25q40BL         | [SOIC8-150]            | (DualSPI) | (3095) (*1)  |
| winbond | w25q40BL         | [SOIC8-150]            | (QuadSPI) | (3095) (*1)  |
| winbond | w25q40BL         | [SOIC8-200]            |           | (3088) (*1)  |
| winbond | w25q40BL         | [SOIC8-200]            | (DualSPI) | (3088) (*1)  |
| winbond | w25q40BL         | [SOIC8-200]            | (QuadSPI) | (3088) (*1)  |
| winbond | w25q40BL         | [wSON8]                |           | (3097) (*1)  |
| winbond | w25q40BL         | [wSON8]                | (DualSPI) | (3097) (*1)  |
| winbond | w25q40BL         | [wSON8]                | (QuadSPI) | (3097) (*1)  |
| winbond | w25q40BV         | (dc<1023) (ISP)        |           | (138)        |
| winbond | w25q40BV         | (dc<1023) [SOIC8-150]  |           | (3095) (*1)  |
| winbond | w25q40BV         | (dc<1023) [SOIC8-150]  | (DualSPI) | (3095) (*1)  |
| winbond | w25q40BV         | (dc<1023) [SOIC8-150]  | (QuadSPI) | (3095) (*1)  |
| winbond | w25q40BV         | (dc<1023) [SOIC8-200]  |           | (3088) (*1)  |
| winbond | w25q40BV         | (dc<1023) [SOIC8-200]  | (DualSPI) | (3088) (*1)  |
| winbond | w25q40BV         | (dc<1023) [SOIC8-200]  | (QuadSPI) | (3088) (*1)  |
| winbond | w25q40BV         | (dc<1023) [VSOP8-150]  |           | (3095) (*1)  |
| winbond | w25q40BV         | (dc<1023) [wSON8]      |           | (3097) (*1)  |
| winbond | w25q40BV         | (dc<1023) [wSON8]      | (DualSPI) | (3097) (*1)  |
| winbond | w25q40BV         | (dc<1023) [wSON8]      | (QuadSPI) | (3097) (*1)  |
| winbond | w25q40BV         | (dc>=1023) (ISP)       |           | (138)        |
| winbond | w25q40BV         | (dc>=1023) [SOIC8-150] |           | (3095) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [SOIC8-150] | (DualSPI) | (3095) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [SOIC8-150] | (QuadSPI) | (3095) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [SOIC8-200] |           | (3088) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [SOIC8-200] | (DualSPI) | (3088) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [SOIC8-200] | (QuadSPI) | (3088) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [USON8]     |           | (3935) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [VSOP8]     | (DualSPI) | (3088) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [VSOP8]     | (QuadSPI) | (3095) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [VSOP8-150] |           | (3095) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [VSOP8-150] | (DualSPI) | (3095) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [VSOP8-200] | (DualSPI) | (3088) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [wSON8]     |           | (3097) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [wSON8]     | (DualSPI) | (3097) (*1)  |
| winbond | w25q40BV         | (dc>=1023) [wSON8]     | (QuadSPI) | (3097) (*1)  |
| winbond | w25q40BW         | (ISP)                  |           | (138)        |
| winbond | w25q40BW         | [SOIC8-150]            |           | (3095) (*1)  |
| winbond | w25q40BW         | [SOIC8-150]            | (DualSPI) | (3095) (*1)  |
| winbond | w25q40BW         | [SOIC8-200]            |           | (3088) (*1)  |
| winbond | w25q40BW         | [VSOP8-150]            |           | (3095) (*1)  |
| winbond | w25q40BW         | [VSOP8-150]            | (QuadSPI) | (3095) (*1)  |
| winbond | w25q40BW         | [VSOP8-200]            | (QuadSPI) | (3088) (*1)  |
| winbond | w25q40BW         | [wSON8]                |           | (3097) (*1)  |
| winbond | w25q40BW         | [wSON8]                | (DualSPI) | (3097) (*1)  |
| winbond | w25q40CL         | (ISP)                  |           | (138)        |
| winbond | w25q40CL         | [SOIC8-150]            |           | (3095) (*1)  |
| winbond | w25q40CL         | [SOIC8-150]            | (QuadSPI) | (3095) (*1)  |
| winbond | w25q40CL         | [SOIC8-200]            |           | (3088) (*1)  |
| winbond | w25q40CL         | [SOIC8-200]            | (QuadSPI) | (3088) (*1)  |
| winbond | w25q40CL         | [USON8]                |           | (3935) (*1)  |
| winbond | w25q40EW         | (ISP)                  |           | (138)        |
| winbond | w25q40EW         | (SFDP) (ISP)           |           | (138)        |
| winbond | w25q40EW         | (SFDP) [SOIC8-150]     |           | (3095) (*1)  |
| winbond | w25q40EW         | (SFDP) [SOIC8-200]     |           | (3088) (*1)  |
| winbond | w25q40EW         | (SFDP) [USON8 2x3]     |           | (3935) (*1)  |
| winbond | w25q40EW         | (SFDP) [USON8 4x3]     |           | (2430)       |
| winbond | w25q40EW         | (SFDP) [VSOP8-150]     |           | (3095) (*1)  |
| winbond | w25q40EW         | (SFDP) [VSOP8-200]     |           | (3088) (*1)  |
| winbond | w25q40EW         | (SFDP) [wSON8 6x5]     |           | (3097) (*1)  |
| winbond | w25q40EW         | [SOIC8-150]            |           | (3095) (*1)  |
| winbond | w25q40EW         | [SOIC8-200]            |           | (3088) (*1)  |
| winbond | w25q40EW         | [USON8 2x3]            |           | (3935) (*1)  |
| winbond | w25q40EW         | [USON8 4x3]            |           | (2430)       |
| winbond | w25q40EW         | [VSOP8-150]            |           | (3095) (*1)  |
| winbond | w25q40EW         | [VSOP8-200]            |           | (3088) (*1)  |
| winbond | w25q40EW         | [wSON8 6x5]            |           | (3097) (*1)  |
| winbond | w25q512JVxxM     | (ISP)                  |           | (138) (9997) |
| winbond | w25q512JVxxM     | [SOIC16-300]           |           | (3101) (*1)  |
| winbond | w25q512JVxxM     | [SOIC16-300]           | (QuadSPI) | (3101) (*1)  |
| winbond | w25q512JVxxM-DTR | (ISP)                  |           | (138) (9997) |
| winbond | w25q512JVxxM-DTR | [SOIC16-300]           |           | (3101) (*1)  |
| winbond | w25q512JVxxM-DTR | [SOIC16-300]           | (QuadSPI) | (3101) (*1)  |
| winbond | w25q512JVxxQ     | (ISP)                  |           | (138) (9997) |
| winbond | w25q512JVxxQ     | [SOIC16-300]           |           | (3101) (*1)  |
| winbond | w25q512JVxxQ     | [SOIC16-300]           | (QuadSPI) | (3101) (*1)  |
| winbond | w25q64BV         |                        |           |              |
| winbond | w25q64BV         | (ISP)                  |           | (138)        |
| winbond | w25q64BV         | [SOIC16]               |           | (3101) (*1)  |
| winbond | w25q64BV         | [SOIC16]               | (DualSPI) | (3101) (*1)  |
| winbond | w25q64BV         | [SOIC16]               | (QuadSPI) | (3101) (*1)  |
| winbond | w25q64BV         | [SOIC8]                |           | (3088) (*1)  |
| winbond | w25q64BV         | [SOIC8]                | (DualSPI) | (3088) (*1)  |
| winbond | w25q64BV         | [SOIC8]                | (QuadSPI) | (3088) (*1)  |
| winbond | w25q64BV         | [wSON8]                |           | (3053) (*1)  |
| winbond | w25q64BV         | [wSON8]                | (DualSPI) | (3053) (*1)  |
| winbond | w25q64BV         | [wSON8]                | (QuadSPI) | (3053) (*1)  |
| winbond | w25q64CV         |                        |           |              |
| winbond | w25q64CV         | (ISP)                  |           | (138)        |
| winbond | w25q64CV         | [SOIC16]               |           | (3101) (*1)  |
| winbond | w25q64CV         | [SOIC16]               | (QuadSPI) | (3101) (*1)  |
| winbond | w25q64CV         | [SOIC8]                |           | (3088) (*1)  |
| winbond | w25q64CV         | [SOIC8]                | (QuadSPI) | (3088) (*1)  |
| winbond | w25q64CV         | [VSOP8-200]            |           | (3088) (*1)  |
| winbond | w25q64CV         | [VSOP8-200]            | (QuadSPI) | (3088) (*1)  |
| winbond | w25q64CV         | [wSON8 8x6]            |           | (3053) (*1)  |
| winbond | w25q64CV         | [wSON8 8x6]            | (QuadSPI) | (3053) (*1)  |
| winbond | w25q64CV         | [wSON8]                |           | (3097) (*1)  |
| winbond | w25q64CV         | [wSON8]                | (QuadSPI) | (3097) (*1)  |
| winbond | w25q64CVTB       | [TFBGA24]              |           | (1343) (*1)  |
| winbond | w25q64CVTB       | [TFBGA24]              | (QuadSPI) | (1343) (*1)  |
| winbond | w25q64CVTC       | [TFBGA24]              |           | (1268) (*1)  |
| winbond | w25q64CVTC       | [TFBGA24]              | (QuadSPI) | (1268) (*1)  |
| winbond | w25q64CVxxxP     |                        |           |              |
| winbond | w25q64CVxxxP     | (ISP)                  |           | (138)        |
| winbond | w25q64CVxxxP     | [SOIC16]               |           | (3101) (*1)  |
| winbond | w25q64CVxxxP     | [SOIC16]               | (QuadSPI) | (3101) (*1)  |
| winbond | w25q64CVxxxP     | [SOIC8]                |           | (3088) (*1)  |
| winbond | w25q64CVxxxP     | [SOIC8]                | (QuadSPI) | (3088) (*1)  |
| winbond | w25q64CVxxxP     | [wSON8 8x6]            |           | (3053) (*1)  |
| winbond | w25q64CVxxxP     | [wSON8 8x6]            | (QuadSPI) | (3053) (*1)  |
| winbond | w25q64CVxxxP     | [wSON8]                |           | (3097) (*1)  |
| winbond | w25q64CVxxxP     | [wSON8]                | (QuadSPI) | (3097) (*1)  |
| winbond | w25q64DW         | (ISP)                  |           | (138)        |
| winbond | w25q64DW         | [SOIC16]               |           | (3101) (*1)  |
| winbond | w25q64DW         | [SOIC16]               | (DualSPI) | (3101) (*1)  |
| winbond | w25q64DW         | [SOIC16]               | (QuadSPI) | (3101) (*1)  |
| winbond | w25q64DW         | [SOIC8]                |           | (3088) (*1)  |
| winbond | w25q64DW         | [SOIC8]                | (DualSPI) | (3088) (*1)  |
| winbond | w25q64DW         | [SOIC8]                | (QuadSPI) | (3088) (*1)  |

|         |                  |                       |              |
|---------|------------------|-----------------------|--------------|
| winnond | w25q64dw         | [wson8 8x6]           | (3053) (*1)  |
| winnond | w25q64dw         | [wson8 8x6] (DualSPI) | (3053) (*1)  |
| winnond | w25q64dw         | [wson8 8x6] (QuadSPI) | (3053) (*1)  |
| winnond | w25q64dw         | [wson8]               | (3097) (*1)  |
| winnond | w25q64dw         | [wson8] (DualSPI)     | (3097) (*1)  |
| winnond | w25q64dw         | [wson8] (QuadSPI)     | (3097) (*1)  |
| winnond | w25q64fv         |                       |              |
| winnond | w25q64fv         | (ISP)                 | (138)        |
| winnond | w25q64fv         | [soic16]              | (3101) (*1)  |
| winnond | w25q64fv         | [soic16] (QuadSPI)    | (3101) (*1)  |
| winnond | w25q64fv         | [soic8]               | (3088) (*1)  |
| winnond | w25q64fv         | [soic8] (QuadSPI)     | (3088) (*1)  |
| winnond | w25q64fv         | [tfbga24]             | (1268) (*1)  |
| winnond | w25q64fv         | [tfbga24] (QuadSPI)   | (1268) (*1)  |
| winnond | w25q64fv         | [vsop8-200]           | (3088) (*1)  |
| winnond | w25q64fv         | [vsop8-200] (QuadSPI) | (3088) (*1)  |
| winnond | w25q64fv         | [wson8 8x6]           | (3053) (*1)  |
| winnond | w25q64fv         | [wson8 8x6] (QuadSPI) | (3053) (*1)  |
| winnond | w25q64fv         | [wson8]               | (3097) (*1)  |
| winnond | w25q64fv         | [wson8] (QuadSPI)     | (3097) (*1)  |
| winnond | w25q64fwtbxg     | [tfbga24]             | (1343) (*1)  |
| winnond | w25q64fwtbxg     | [tfbga24] (QuadSPI)   | (1343) (*1)  |
| winnond | w25q64fwtcxg     | [tfbga24]             | (1268) (*1)  |
| winnond | w25q64fwtcxg     | [tfbga24] (QuadSPI)   | (1268) (*1)  |
| winnond | w25q64fwxxxg     | [soic8-200] (QuadSPI) | (3087) (*1)  |
| winnond | w25q64fwxxxg     | [vsop8-200] (QuadSPI) | (3087) (*1)  |
| winnond | w25q64fwxxxg     | (ISP)                 | (138) (9997) |
| winnond | w25q64fwxxxg     | [soic16]              | (3101) (*1)  |
| winnond | w25q64fwxxxg     | [soic16] (QuadSPI)    | (3101) (*1)  |
| winnond | w25q64fwxxxg     | [soic8-200]           | (3088) (*1)  |
| winnond | w25q64fwxxxg     | [soic8-200] (QuadSPI) | (3088) (*1)  |
| winnond | w25q64fwxxxg     | [vsop8-200]           | (3088) (*1)  |
| winnond | w25q64fwxxxg     | [vsop8-200] (QuadSPI) | (3088) (*1)  |
| winnond | w25q64fwxxxg     | [wson8 6x5]           | (3097) (*1)  |
| winnond | w25q64fwxxxg     | [wson8 6x5] (QuadSPI) | (3097) (*1)  |
| winnond | w25q64fwxxxg     | [wson8 8x6]           | (3053) (*1)  |
| winnond | w25q64fwxxxg     | [wson8 8x6] (QuadSPI) | (3053) (*1)  |
| winnond | w25q64fwxxxg     | [xson8 4x4]           | (3233)       |
| winnond | w25q64fwxxxg     | [xson8 4x4] (QuadSPI) | (3233)       |
| winnond | w25q64fwxxxg     | [soic8-200] (QuadSPI) | (3088) (*1)  |
| winnond | w25q64fwxxxg     | [vsop8-200] (QuadSPI) | (3088) (*1)  |
| winnond | w25q64fwxxxg     | [wson8 6x5] (QuadSPI) | (4117) (*1)  |
| winnond | w25q64jvbxg      | [tfbga24]             | (1343) (*1)  |
| winnond | w25q64jvbxg      | [tfbga24] (QuadSPI)   | (1343) (*1)  |
| winnond | w25q64jvcxxg     | [tfbga24]             | (1268) (*1)  |
| winnond | w25q64jvcxxg     | [tfbga24] (QuadSPI)   | (1268) (*1)  |
| winnond | w25q64jvxxxm-dtr | (ISP)                 | (138) (9997) |
| winnond | w25q64jvxxxm-dtr | [soic16]              | (3100) (*1)  |
| winnond | w25q64jvxxxm-dtr | [soic16] (QuadSPI)    | (3101) (*1)  |
| winnond | w25q64jvxxxm-dtr | [soic8]               | (3087) (*1)  |
| winnond | w25q64jvxxxm-dtr | [soic8] (QuadSPI)     | (3088) (*1)  |
| winnond | w25q64jvxxxm-dtr | [wson8 6x5]           | (4117) (*1)  |
| winnond | w25q64jvxxxm-dtr | [wson8 6x5] (QuadSPI) | (3097) (*1)  |
| winnond | w25q64jvxxxm-dtr | [wson8 8x6]           | (3926) (*1)  |
| winnond | w25q64jvxxxm-dtr | [wson8 8x6] (QuadSPI) | (3053) (*1)  |
| winnond | w25q64jvxxxg     |                       |              |
| winnond | w25q64jvxxxg     | (ISP)                 | (138)        |
| winnond | w25q64jvxxxg     | [soic16]              | (3101) (*1)  |
| winnond | w25q64jvxxxg     | [soic16] (QuadSPI)    | (3100) (*1)  |
| winnond | w25q64jvxxxg     | [soic8]               | (3088) (*1)  |
| winnond | w25q64jvxxxg     | [soic8] (QuadSPI)     | (3088) (*1)  |
| winnond | w25q64jvxxxg     | [vsop8]               | (3088) (*1)  |
| winnond | w25q64jvxxxg     | [wson8 6x5]           | (4117) (*1)  |
| winnond | w25q64jvxxxg     | [wson8 6x5] (QuadSPI) | (4117) (*1)  |
| winnond | w25q64jvxxxg     | [wson8 8x6]           | (3053) (*1)  |
| winnond | w25q64jvxxxg     | [wson8 8x6] (QuadSPI) | (3926) (*1)  |
| winnond | w25q80bl         |                       |              |
| winnond | w25q80bl         | (ISP)                 | (138)        |
| winnond | w25q80bl         | [soic16]              | (3101) (*1)  |
| winnond | w25q80bl         | [soic16] (QuadSPI)    | (3101) (*1)  |
| winnond | w25q80bl         | [soic8-150]           | (3095) (*1)  |
| winnond | w25q80bl         | [soic8-150] (QuadSPI) | (3095) (*1)  |
| winnond | w25q80bl         | [soic8-200]           | (3088) (*1)  |
| winnond | w25q80bl         | [soic8-200] (QuadSPI) | (3088) (*1)  |
| winnond | w25q80bl         | [uson8]               | (3935) (*1)  |
| winnond | w25q80bl         | [vsop8-150]           | (3095) (*1)  |
| winnond | w25q80bl         | [vsop8-150] (QuadSPI) | (3095) (*1)  |
| winnond | w25q80bl         | [vsop8-200] (QuadSPI) | (3088) (*1)  |
| winnond | w25q80bl         | [wson8]               | (3097) (*1)  |
| winnond | w25q80bl         | [wson8] (QuadSPI)     | (3097) (*1)  |
| winnond | w25q80bv         |                       |              |
| winnond | w25q80bv         | (ISP)                 | (138)        |
| winnond | w25q80bv         | [soic16]              | (3101) (*1)  |
| winnond | w25q80bv         | [soic16] (QuadSPI)    | (3101) (*1)  |
| winnond | w25q80bv         | [soic8-150]           | (3095) (*1)  |
| winnond | w25q80bv         | [soic8-150] (QuadSPI) | (3095) (*1)  |
| winnond | w25q80bv         | [soic8-200]           | (3088) (*1)  |
| winnond | w25q80bv         | [soic8-200] (QuadSPI) | (3088) (*1)  |
| winnond | w25q80bv         | [vsop8-150]           | (3095) (*1)  |
| winnond | w25q80bv         | [vsop8-150] (QuadSPI) | (3095) (*1)  |
| winnond | w25q80bv         | [vsop8-200]           | (3088) (*1)  |
| winnond | w25q80bv         | [vsop8-200] (QuadSPI) | (3088) (*1)  |
| winnond | w25q80bv         | [wson8]               | (3097) (*1)  |
| winnond | w25q80bv         | [wson8] (QuadSPI)     | (3097) (*1)  |
| winnond | w25q80bw         |                       |              |
| winnond | w25q80bw         | (ISP)                 | (138)        |
| winnond | w25q80bw         | [soic8-150]           | (3095) (*1)  |
| winnond | w25q80bw         | [soic8-150] (DualSPI) | (3095) (*1)  |
| winnond | w25q80bw         | [soic8-200]           | (3088) (*1)  |
| winnond | w25q80bw         | [soic8-200] (DualSPI) | (3088) (*1)  |
| winnond | w25q80bw         | [uson8 2x3]           | (3935) (*1)  |
| winnond | w25q80bw         | [uson8 4x3]           | (2430)       |
| winnond | w25q80bw         | [vsop8-150]           | (3095) (*1)  |
| winnond | w25q80bw         | [vsop8-150] (DualSPI) | (3095) (*1)  |
| winnond | w25q80bw         | [vsop8-200]           | (3088) (*1)  |
| winnond | w25q80bw         | [vsop8-200] (DualSPI) | (3088) (*1)  |
| winnond | w25q80bw         | [wson8]               | (3097) (*1)  |
| winnond | w25q80bw         | [wson8] (DualSPI)     | (3097) (*1)  |
| winnond | w25q80dl         |                       |              |
| winnond | w25q80dl         | (ISP)                 | (138)        |
| winnond | w25q80dl         | [soic8-150]           | (3094) (*1)  |
| winnond | w25q80dl         | [soic8-200]           | (3087) (*1)  |
| winnond | w25q80dl         | [uson8 2x3]           | (3935) (*1)  |
| winnond | w25q80dl         | [vsop8-150]           | (3094) (*1)  |
| winnond | w25q80dl         | [wson8]               | (4117) (*1)  |
| winnond | w25q80dv         |                       |              |
| winnond | w25q80dv         | (ISP)                 | (138)        |
| winnond | w25q80dv         | [soic8-150]           | (3095) (*1)  |
| winnond | w25q80dv         | [soic8-200]           | (3088) (*1)  |
| winnond | w25q80dv         | [uson8 2x3]           | (3934) (*1)  |
| winnond | w25q80dv         | [vsop8-150]           | (3095) (*1)  |
| winnond | w25q80dv         | [wson8]               | (3097) (*1)  |
| winnond | w25q80dw         | [soic8-200]           | (3088) (*1)  |
| winnond | w25q80dw         | [wson8]               | (3097) (*1)  |
| winnond | w25q80ewxxxg     | (ISP)                 | (138)        |
| winnond | w25q80ewxxxg     | [soic8-150]           | (3095) (*1)  |
| winnond | w25q80ewxxxg     | [soic8-200]           | (3088) (*1)  |
| winnond | w25q80ewxxxg     | [uson8 2x3]           | (3935) (*1)  |
| winnond | w25q80ewxxxg     | [uson8 4x3]           | (2430)       |
| winnond | w25q80ewxxxg     | [vsop8-150]           | (3095) (*1)  |
| winnond | w25q80ewxxxg     | [vsop8-200]           | (3088) (*1)  |

|         |                                    |                    |
|---------|------------------------------------|--------------------|
| winbond | w25q80EWxxXG [wSON8 6x5]           | (3097) (*1)        |
| winbond | w25q80JvxxXQ (ISP)                 | (138)              |
| winbond | w25q80JvxxXQ [SOIC8-150]           | (3094) (*1)        |
| winbond | w25q80JvxxXQ [SOIC8-200]           | (3087) (*1)        |
| winbond | w25q80JvxxXQ [uSON8 2x3]           | (3935) (*1)        |
| winbond | w25q80JvxxXQ [uSON8 5x6]           | (4117) (*1)        |
| winbond | w25q80JvxxXQ [VSOP8-150]           | (3094) (*1)        |
| winbond | w25q80V (ISP)                      | (138)              |
| winbond | w25q80V [SOIC8]                    | (3088) (*1)        |
| winbond | w25q80V [SOIC8] (DualSPI)          | (3088) (*1)        |
| winbond | w25q80V [SOIC8] (QuadSPI)          | (3088) (*1)        |
| winbond | w25q80V [wSON8]                    | (3097) (*1)        |
| winbond | w25q80V [wSON8] (DualSPI)          | (3097) (*1)        |
| winbond | w25q80V [wSON8] (QuadSPI)          | (3097) (*1)        |
| winbond | w25R128FVxxQ [SOIC8-200] (QuadSPI) | (3087) (9999) (*1) |
| winbond | w25R64FV (ISP)                     | (138)              |
| winbond | w25R64FV [SOIC16]                  | (3101) (*1)        |
| winbond | w25R64FV [SOIC16] (QuadSPI)        | (3101) (*1)        |
| winbond | w25R64FV [SOIC8]                   | (3088) (*1)        |
| winbond | w25R64FV [SOIC8] (QuadSPI)         | (3088) (*1)        |
| winbond | w25R64FV [VSOP8]                   | (3088) (*1)        |
| winbond | w25R64FV [VSOP8] (QuadSPI)         | (3088) (*1)        |
| winbond | w25R64FV [wSON8 6x5]               | (3097) (*1)        |
| winbond | w25R64FV [wSON8 6x5] (QuadSPI)     | (3097) (*1)        |
| winbond | w25R64FV [wSON8 8x6]               | (3053) (*1)        |
| winbond | w25R64FV [wSON8 8x6] (QuadSPI)     | (3053) (*1)        |
| winbond | w25R64FVFB [TFBGA24]               | (1343) (*1)        |
| winbond | w25R64FVFB [TFBGA24] (QuadSPI)     | (1343) (*1)        |
| winbond | w25R64FVTC [TFBGA24]               | (1268) (*1)        |
| winbond | w25R64FVTC [TFBGA24] (QuadSPI)     | (1268) (*1)        |
| winbond | w25X05CL (ISP)                     | (138)              |
| winbond | w25X05CL [SOIC8]                   | (3095) (*1)        |
| winbond | w25X05CL [SOIC8] (DualSPI)         | (3095) (*1)        |
| winbond | w25X05CL [TSSOP8]                  | (1388)             |
| winbond | w25X05CL [TSSOP8] (DualSPI)        | (1388)             |
| winbond | w25X05CL [uSON8]                   | (3935) (*1)        |
| winbond | w25X05CL [VSOP8]                   | (3095) (*1)        |
| winbond | w25X05CL [VSOP8] (DualSPI)         | (3095) (*1)        |
| winbond | w25X05CL [wSON8]                   | (3097) (*1)        |
| winbond | w25X05CL [wSON8] (DualSPI)         | (3097) (*1)        |
| winbond | w25X10AL                           |                    |
| winbond | (ISP)                              | (138)              |
| winbond | w25X10AL [SOIC8-150]               | (3095) (*1)        |
| winbond | w25X10AL [wSON8]                   | (3097) (*1)        |
| winbond | w25X10AV                           |                    |
| winbond | (ISP)                              | (138)              |
| winbond | w25X10AV [SOIC8]                   | (3095) (*1)        |
| winbond | w25X10AV [SOIC8] (DualSPI)         | (3095) (*1)        |
| winbond | w25X10AV [wSON8]                   | (3097) (*1)        |
| winbond | w25X10AV [wSON8] (DualSPI)         | (3097) (*1)        |
| winbond | w25X10BL (ISP)                     | (138)              |
| winbond | w25X10BL [SOIC8]                   | (3095) (*1)        |
| winbond | w25X10BL [SOIC8] (DualSPI)         | (3095) (*1)        |
| winbond | w25X10BL [wSON8]                   | (3097) (*1)        |
| winbond | w25X10BL [wSON8] (DualSPI)         | (3097) (*1)        |
| winbond | w25X10BV (ISP)                     | (138)              |
| winbond | w25X10BV [SOIC8-150]               | (3095) (*1)        |
| winbond | w25X10BV [SOIC8-150] (DualSPI)     | (3095) (*1)        |
| winbond | w25X10BV [SOIC8-200]               | (3088) (*1)        |
| winbond | w25X10BV [SOIC8-200] (DualSPI)     | (3088) (*1)        |
| winbond | w25X10BV [VSOP8-150]               | (3095) (*1)        |
| winbond | w25X10BV [VSOP8-150] (DualSPI)     | (3095) (*1)        |
| winbond | w25X10BV [wSON8]                   | (3097) (*1)        |
| winbond | w25X10BV [wSON8] (DualSPI)         | (3097) (*1)        |
| winbond | w25X10CL (ISP)                     | (138)              |
| winbond | w25X10CL [SOIC8]                   | (3095) (*1)        |
| winbond | w25X10CL [SOIC8] (DualSPI)         | (3095) (*1)        |
| winbond | w25X10CL [TSSOP8]                  | (1388)             |
| winbond | w25X10CL [TSSOP8] (DualSPI)        | (1388)             |
| winbond | w25X10CL [uSON8]                   | (3935) (*1)        |
| winbond | w25X10CL [VSOP8]                   | (3095) (*1)        |
| winbond | w25X10CL [VSOP8] (DualSPI)         | (3095) (*1)        |
| winbond | w25X10CL [wSON8]                   | (3097) (*1)        |
| winbond | w25X10CL [wSON8] (DualSPI)         | (3097) (*1)        |
| winbond | w25X10L (ISP)                      | (138)              |
| winbond | w25X10L [SOIC8]                    | (3095) (*1)        |
| winbond | w25X10L [wSON8]                    | (3097) (*1)        |
| winbond | w25X10V                            |                    |
| winbond | (ISP)                              | (138)              |
| winbond | w25X10V [SOIC8]                    | (3095) (*1)        |
| winbond | w25X10V [SOIC8] (DualSPI)          | (3095) (*1)        |
| winbond | w25X10V [wSON8]                    | (3097) (*1)        |
| winbond | w25X10V [wSON8] (DualSPI)          | (3097) (*1)        |
| winbond | w25X16AL                           |                    |
| winbond | (ISP)                              | (138)              |
| winbond | w25X16AL [SOIC16]                  | (3101) (*1)        |
| winbond | w25X16AL [SOIC16] (DualSPI)        | (3101) (*1)        |
| winbond | w25X16AL [SOIC8-150]               | (3095) (*1)        |
| winbond | w25X16AL [SOIC8-150] (DualSPI)     | (3095) (*1)        |
| winbond | w25X16AL [SOIC8-200]               | (3088) (*1)        |
| winbond | w25X16AL [SOIC8-200] (DualSPI)     | (3088) (*1)        |
| winbond | w25X16AL [wSON8]                   | (3097) (*1)        |
| winbond | w25X16AL [wSON8] (DualSPI)         | (3097) (*1)        |
| winbond | w25X16AV                           |                    |
| winbond | (ISP)                              | (138)              |
| winbond | w25X16AV [SOIC16]                  | (3101) (*1)        |
| winbond | w25X16AV [SOIC16] (DualSPI)        | (3101) (*1)        |
| winbond | w25X16AV [SOIC8]                   | (3088) (*1)        |
| winbond | w25X16AV [SOIC8-150]               | (3095) (*1)        |
| winbond | w25X16AV [SOIC8-150] (DualSPI)     | (3095) (*1)        |
| winbond | w25X16AV [SOIC8-200] (DualSPI)     | (3088) (*1)        |
| winbond | w25X16AV [wSON8]                   | (3097) (*1)        |
| winbond | w25X16AV [wSON8] (DualSPI)         | (3097) (*1)        |
| winbond | w25X16BV                           |                    |
| winbond | (ISP)                              | (138)              |
| winbond | w25X16BV [SOIC16]                  | (3101) (*1)        |
| winbond | w25X16BV [SOIC16] (DualSPI)        | (3101) (*1)        |
| winbond | w25X16BV [SOIC8-150]               | (3095) (*1)        |
| winbond | w25X16BV [SOIC8-150] (DualSPI)     | (3095) (*1)        |
| winbond | w25X16BV [SOIC8-200]               | (3088) (*1)        |
| winbond | w25X16BV [SOIC8-200] (DualSPI)     | (3088) (*1)        |
| winbond | w25X16BV [wSON8]                   | (3097) (*1)        |
| winbond | w25X16BV [wSON8] (DualSPI)         | (3097) (*1)        |
| winbond | w25X16V                            |                    |
| winbond | (ISP)                              | (138)              |
| winbond | w25X16V [SOIC16]                   | (3101) (*1)        |
| winbond | w25X16V [SOIC16] (DualSPI)         | (3101) (*1)        |
| winbond | w25X16V [SOIC8]                    | (3088) (*1)        |
| winbond | w25X16V [SOIC8] (DualSPI)          | (3088) (*1)        |
| winbond | w25X16V [wSON8]                    | (3097) (*1)        |
| winbond | w25X16V [wSON8] (DualSPI)          | (3097) (*1)        |
| winbond | w25X20AL                           |                    |
| winbond | (ISP)                              | (138)              |
| winbond | w25X20AL [SOIC8-150]               | (3095) (*1)        |
| winbond | w25X20AL [wSON8]                   | (3097) (*1)        |
| winbond | w25X20AV                           |                    |
| winbond | (ISP)                              | (138)              |
| winbond | w25X20AV [SOIC8]                   | (3095) (*1)        |



|         |          |             |           |        |      |
|---------|----------|-------------|-----------|--------|------|
| winbond | w25x20AV | [SOIC8]     | (DualSPI) | (3095) | (*1) |
| winbond | w25x20AV | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x20AV | [WSON8]     | (DualSPI) | (3097) | (*1) |
| winbond | w25x20BL | (ISP)       |           | (138)  |      |
| winbond | w25x20BL | [SOIC8]     |           | (3095) | (*1) |
| winbond | w25x20BL | [SOIC8]     | (DualSPI) | (3095) | (*1) |
| winbond | w25x20BL | [USON8]     |           | (3935) | (*1) |
| winbond | w25x20BL | [VSOP8-150] |           | (3095) | (*1) |
| winbond | w25x20BL | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x20BL | [WSON8]     | (DualSPI) | (3097) | (*1) |
| winbond | w25x20BV | (ISP)       |           | (138)  |      |
| winbond | w25x20BV | [SOIC8-150] |           | (3095) | (*1) |
| winbond | w25x20BV | [SOIC8-150] | (DualSPI) | (3095) | (*1) |
| winbond | w25x20BV | [SOIC8-200] |           | (3088) | (*1) |
| winbond | w25x20BV | [SOIC8-200] | (DualSPI) | (3088) | (*1) |
| winbond | w25x20BV | [USON8]     |           | (3935) | (*1) |
| winbond | w25x20BV | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x20BV | [WSON8]     | (DualSPI) | (3097) | (*1) |
| winbond | w25x20CL | (ISP)       |           | (138)  |      |
| winbond | w25x20CL | [SOIC8]     |           | (3095) | (*1) |
| winbond | w25x20CL | [SOIC8]     | (DualSPI) | (3095) | (*1) |
| winbond | w25x20CL | [USON8]     |           | (3935) | (*1) |
| winbond | w25x20CL | [VSOP8]     |           | (3095) | (*1) |
| winbond | w25x20CL | [VSOP8]     | (DualSPI) | (3095) | (*1) |
| winbond | w25x20CL | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x20CL | [WSON8]     | (DualSPI) | (3097) | (*1) |
| winbond | w25x20CV | (ISP)       |           | (138)  |      |
| winbond | w25x20CV | [SOIC8-150] |           | (3095) | (*1) |
| winbond | w25x20CV | [SOIC8-150] | (DualSPI) | (3095) | (*1) |
| winbond | w25x20CV | [SOIC8-200] |           | (3088) | (*1) |
| winbond | w25x20CV | [SOIC8-200] | (DualSPI) | (3088) | (*1) |
| winbond | w25x20CV | [USON8]     |           | (3935) | (*1) |
| winbond | w25x20CV | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x20CV | [WSON8]     | (DualSPI) | (3097) | (*1) |
| winbond | w25x20L  | (ISP)       |           | (138)  |      |
| winbond | w25x20L  | [SOIC8]     |           | (3095) | (*1) |
| winbond | w25x20L  | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x20V  |             |           |        |      |
| winbond | w25x20V  | (ISP)       |           | (138)  |      |
| winbond | w25x20V  | [SOIC8]     |           | (3095) | (*1) |
| winbond | w25x20V  | [SOIC8]     | (DualSPI) | (3095) | (*1) |
| winbond | w25x20V  | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x20V  | [WSON8]     | (DualSPI) | (3097) | (*1) |
| winbond | w25x21CL | (ISP)       |           | (138)  |      |
| winbond | w25x21CL | [SOIC8]     |           | (3095) | (*1) |
| winbond | w25x21CL | [SOIC8]     | (DualSPI) | (3095) | (*1) |
| winbond | w25x21CL | [USON8]     |           | (3935) | (*1) |
| winbond | w25x21CL | [VSOP8]     |           | (3095) | (*1) |
| winbond | w25x21CL | [VSOP8]     | (DualSPI) | (3095) | (*1) |
| winbond | w25x21CL | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x21CL | [WSON8]     | (DualSPI) | (3097) | (*1) |
| winbond | w25x32AV |             |           |        |      |
| winbond | w25x32AV | (ISP)       |           | (138)  |      |
| winbond | w25x32AV | [SOIC16]    |           | (3101) | (*1) |
| winbond | w25x32AV | [SOIC16]    | (DualSPI) | (3101) | (*1) |
| winbond | w25x32AV | [SOIC8]     |           | (3088) | (*1) |
| winbond | w25x32AV | [SOIC8]     | (DualSPI) | (3088) | (*1) |
| winbond | w25x32AV | [WSON8 6x5] | (DualSPI) | (3097) | (*1) |
| winbond | w25x32AV | [WSON8 8x6] |           | (3053) | (*1) |
| winbond | w25x32AV | [WSON8 8x6] | (DualSPI) | (3053) | (*1) |
| winbond | w25x32AV | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x32BV | (ISP)       |           | (138)  |      |
| winbond | w25x32BV | [SOIC16]    |           | (3101) | (*1) |
| winbond | w25x32BV | [SOIC16]    | (DualSPI) | (3101) | (*1) |
| winbond | w25x32BV | [SOIC8]     |           | (3088) | (*1) |
| winbond | w25x32BV | [SOIC8]     | (DualSPI) | (3088) | (*1) |
| winbond | w25x32BV | [WSON8 6x5] |           | (3097) | (*1) |
| winbond | w25x32BV | [WSON8 6x5] | (DualSPI) | (3097) | (*1) |
| winbond | w25x32BV | [WSON8 8x6] |           | (3053) | (*1) |
| winbond | w25x32BV | [WSON8 8x6] | (DualSPI) | (3053) | (*1) |
| winbond | w25x32V  |             |           |        |      |
| winbond | w25x32V  | (ISP)       |           | (138)  |      |
| winbond | w25x32V  | [SOIC16]    |           | (3101) | (*1) |
| winbond | w25x32V  | [SOIC16]    | (DualSPI) | (3101) | (*1) |
| winbond | w25x32V  | [SOIC8]     |           | (3088) | (*1) |
| winbond | w25x32V  | [SOIC8]     | (DualSPI) | (3088) | (*1) |
| winbond | w25x32V  | [WSON8]     |           | (3053) | (*1) |
| winbond | w25x32V  | [WSON8]     | (DualSPI) | (3053) | (*1) |
| winbond | w25x40AL |             |           |        |      |
| winbond | w25x40AL | (ISP)       |           | (138)  |      |
| winbond | w25x40AL | [SOIC8-150] |           | (3095) | (*1) |
| winbond | w25x40AL | [SOIC8-200] |           | (3088) | (*1) |
| winbond | w25x40AL | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x40AV |             |           |        |      |
| winbond | w25x40AV | (ISP)       |           | (138)  |      |
| winbond | w25x40AV | [SOIC8-150] |           | (3095) | (*1) |
| winbond | w25x40AV | [SOIC8-150] | (DualSPI) | (3095) | (*1) |
| winbond | w25x40AV | [SOIC8-200] |           | (3088) | (*1) |
| winbond | w25x40AV | [SOIC8-200] | (DualSPI) | (3088) | (*1) |
| winbond | w25x40AV | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x40AV | [WSON8]     | (DualSPI) | (3097) | (*1) |
| winbond | w25x40BL |             |           |        |      |
| winbond | w25x40BL | (ISP)       |           | (138)  |      |
| winbond | w25x40BL | [SOIC8-150] |           | (3095) | (*1) |
| winbond | w25x40BL | [SOIC8-150] | (DualSPI) | (3095) | (*1) |
| winbond | w25x40BL | [SOIC8-200] |           | (3088) | (*1) |
| winbond | w25x40BL | [SOIC8-200] | (DualSPI) | (3088) | (*1) |
| winbond | w25x40BL | [USON8]     |           | (3935) | (*1) |
| winbond | w25x40BL | [VSOP8-150] |           | (3095) | (*1) |
| winbond | w25x40BL | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x40BL | [WSON8]     | (DualSPI) | (3097) | (*1) |
| winbond | w25x40BV |             |           |        |      |
| winbond | w25x40BV | (ISP)       |           | (138)  |      |
| winbond | w25x40BV | [SOIC8-150] |           | (3095) | (*1) |
| winbond | w25x40BV | [SOIC8-150] | (DualSPI) | (3095) | (*1) |
| winbond | w25x40BV | [SOIC8-200] |           | (3088) | (*1) |
| winbond | w25x40BV | [SOIC8-200] | (DualSPI) | (3088) | (*1) |
| winbond | w25x40BV | [VSOP8-150] |           | (3095) | (*1) |
| winbond | w25x40BV | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x40BV | [WSON8]     | (DualSPI) | (3097) | (*1) |
| winbond | w25x40CL |             |           |        |      |
| winbond | w25x40CL | (ISP)       |           | (138)  |      |
| winbond | w25x40CL | [SOIC8-150] |           | (3095) | (*1) |
| winbond | w25x40CL | [SOIC8-150] | (DualSPI) | (3095) | (*1) |
| winbond | w25x40CL | [SOIC8-200] |           | (3088) | (*1) |
| winbond | w25x40CL | [SOIC8-200] | (DualSPI) | (3088) | (*1) |
| winbond | w25x40CL | [USON8]     |           | (3935) | (*1) |
| winbond | w25x40CL | [VSOP8]     |           | (3095) | (*1) |
| winbond | w25x40CL | [VSOP8]     | (DualSPI) | (3095) | (*1) |
| winbond | w25x40CL | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x40CL | [WSON8]     | (DualSPI) | (3097) | (*1) |
| winbond | w25x40CV |             |           |        |      |
| winbond | w25x40CV | (ISP)       |           | (138)  |      |
| winbond | w25x40CV | [SOIC8-150] |           | (3095) | (*1) |
| winbond | w25x40CV | [SOIC8-150] | (DualSPI) | (3095) | (*1) |
| winbond | w25x40CV | [SOIC8-200] |           | (3088) | (*1) |
| winbond | w25x40CV | [SOIC8-200] | (DualSPI) | (3088) | (*1) |
| winbond | w25x40CV | [USON8]     |           | (3935) | (*1) |
| winbond | w25x40CV | [WSON8]     |           | (3097) | (*1) |
| winbond | w25x40CV | [WSON8]     | (DualSPI) | (3097) | (*1) |

|         |           |                       |             |
|---------|-----------|-----------------------|-------------|
| winbond | w25x40L   | (ISP)                 | (138)       |
| winbond | w25x40L   | [SOIC8-150]           | (3095) (*1) |
| winbond | w25x40L   | [SOIC8-200]           | (3088) (*1) |
| winbond | w25x40L   | [WSON8]               | (3097) (*1) |
| winbond | w25x40V   |                       |             |
| winbond | w25x40V   | (ISP)                 | (138)       |
| winbond | w25x40V   | [SOIC8-150]           | (3095) (*1) |
| winbond | w25x40V   | [SOIC8-150] (DualSPI) | (3095) (*1) |
| winbond | w25x40V   | [SOIC8-200]           | (3088) (*1) |
| winbond | w25x40V   | [SOIC8-200] (DualSPI) | (3088) (*1) |
| winbond | w25x40V   | [WSON8]               | (3097) (*1) |
| winbond | w25x40V   | [WSON8] (DualSPI)     | (3097) (*1) |
| winbond | w25x41CL  | [SOIC8]               | (3095) (*1) |
| winbond | w25x648V  |                       |             |
| winbond | w25x648V  | (ISP)                 | (138)       |
| winbond | w25x648V  | [SOIC16]              | (3101) (*1) |
| winbond | w25x648V  | [SOIC16] (DualSPI)    | (3101) (*1) |
| winbond | w25x648V  | [SOIC8]               | (3088) (*1) |
| winbond | w25x648V  | [SOIC8] (DualSPI)     | (3088) (*1) |
| winbond | w25x648V  | [WSON8]               | (3053) (*1) |
| winbond | w25x648V  | [WSON8] (DualSPI)     | (3053) (*1) |
| winbond | w25x64V   |                       |             |
| winbond | w25x64V   | (ISP)                 | (138)       |
| winbond | w25x64V   | [SOIC16]              | (3101) (*1) |
| winbond | w25x64V   | [SOIC16] (DualSPI)    | (3101) (*1) |
| winbond | w25x64V   | [WSON8]               | (3053) (*1) |
| winbond | w25x64V   | [WSON8] (DualSPI)     | (3053) (*1) |
| winbond | w25x80AL  |                       |             |
| winbond | w25x80AL  | (ISP)                 | (138)       |
| winbond | w25x80AL  | [SOIC8-150]           | (3095) (*1) |
| winbond | w25x80AL  | [SOIC8-200]           | (3088) (*1) |
| winbond | w25x80AL  | [WSON8]               | (3097) (*1) |
| winbond | w25x80AV  |                       |             |
| winbond | w25x80AV  | (ISP)                 | (138)       |
| winbond | w25x80AV  | [SOIC8-150]           | (3095) (*1) |
| winbond | w25x80AV  | [SOIC8-200]           | (3088) (*1) |
| winbond | w25x80AV  | [WSON8]               | (3097) (*1) |
| winbond | w25x80BV  |                       |             |
| winbond | w25x80BV  | (ISP)                 | (138)       |
| winbond | w25x80BV  | [SOIC8-150]           | (3095) (*1) |
| winbond | w25x80BV  | [SOIC8-200]           | (3088) (*1) |
| winbond | w25x80BV  | [WSON8]               | (3097) (*1) |
| winbond | w25x80L   | (ISP)                 | (138)       |
| winbond | w25x80L   | [SOIC8]               | (3088) (*1) |
| winbond | w25x80L   | [WSON8]               | (3097) (*1) |
| winbond | w25x80V   |                       |             |
| winbond | w25x80V   | (ISP)                 | (138)       |
| winbond | w25x80V   | [SOIC8]               | (3088) (*1) |
| winbond | w25x80V   | [WSON8]               | (3097) (*1) |
| winbond | w27C01    |                       |             |
| winbond | w27C01    | [PLCC32]              | (59)        |
| winbond | w27C01    | [TSOP32]              | (56)        |
| winbond | w27C010   |                       |             |
| winbond | w27C010   | [PLCC32]              | (59)        |
| winbond | w27C010   | [TSOP32]              | (56)        |
| winbond | w27C02    |                       |             |
| winbond | w27C02    | [PLCC32]              | (59)        |
| winbond | w27C02    | [TSOP32]              | (56)        |
| winbond | w27C020   |                       |             |
| winbond | w27C020   | [PLCC32]              | (59)        |
| winbond | w27C040   |                       |             |
| winbond | w27C040   | [PLCC32]              | (59)        |
| winbond | w27C040   | [SOIC32]              | (98)        |
| winbond | w27C040   | [TSOP32]              | (655)       |
| winbond | w27C257   |                       |             |
| winbond | w27C257   | [PLCC32]              | (59)        |
| winbond | w27C4096  |                       |             |
| winbond | w27C4096  | [PLCC44]              | (67)        |
| winbond | w27C4096  | [TSOP40]              | (656)       |
| winbond | w27C512   |                       |             |
| winbond | w27C512   | [PLCC32]              | (59)        |
| winbond | w27C520S  | [SOP20]               | (119)       |
| winbond | w27C520W  | [TSSOP20]             | (1089)      |
| winbond | w27E01    |                       |             |
| winbond | w27E01    | [PLCC32]              | (59)        |
| winbond | w27E01    | [TSOP32]              | (56)        |
| winbond | w27E010   |                       |             |
| winbond | w27E010   | [PLCC32]              | (59)        |
| winbond | w27E02    |                       |             |
| winbond | w27E02    | [PLCC32]              | (59)        |
| winbond | w27E02    | [TSOP32]              | (56)        |
| winbond | w27E020   |                       |             |
| winbond | w27E020   | [PLCC32]              | (59)        |
| winbond | w27E040   |                       |             |
| winbond | w27E040   | [PLCC32]              | (59)        |
| winbond | w27E040   | [SOIC32]              | (98)        |
| winbond | w27E040   | [TSOP32]              | (655)       |
| winbond | w27E257   |                       |             |
| winbond | w27E257   | [PLCC32]              | (59)        |
| winbond | w27E4096  |                       |             |
| winbond | w27E4096  | [PLCC44]              | (67)        |
| winbond | w27E4096  | [TSOP40]              | (656)       |
| winbond | w27E512   |                       |             |
| winbond | w27E512   | [PLCC32]              | (59)        |
| winbond | w27E512   | [TSOP28]              | (54)        |
| winbond | w27E520S  | [SOP20]               | (119)       |
| winbond | w27E520W  | [TSSOP20]             | (1089)      |
| winbond | w27L01    |                       |             |
| winbond | w27L01    | [PLCC32]              | (59)        |
| winbond | w27L01    | [TSOP32]              | (56)        |
| winbond | w27L010   |                       |             |
| winbond | w27L010   | [PLCC32]              | (59)        |
| winbond | w27L010   | [TSOP32]              | (56)        |
| winbond | w27L02    |                       |             |
| winbond | w27L02    | [PLCC32]              | (59)        |
| winbond | w27L02    | [TSOP32]              | (56)        |
| winbond | w27L020   |                       |             |
| winbond | w27L020   | [PLCC32]              | (59)        |
| winbond | w27L520S  | [SOP20]               | (119)       |
| winbond | w27L520W  | [TSSOP20]             | (1089)      |
| winbond | w28J160BT | [TSOP48]              | (1346)      |
| winbond | w28J160TT | [TSOP48]              | (1346)      |
| winbond | w28J320BT | [TSOP48]              | (1346)      |
| winbond | w28J320TT | [TSOP48]              | (1346)      |
| winbond | w28J800BT | [TSOP48]              | (1346)      |
| winbond | w28J800TT | [TSOP48]              | (1346)      |
| winbond | w28V400BT | [TSOP48]              | (1346)      |
| winbond | w28V400TT | [TSOP48]              | (1346)      |
| winbond | w29C010   |                       |             |
| winbond | w29C010   | [PLCC32]              | (1399)      |
| winbond | w29C010   | [SOP32]               | (98)        |
| winbond | w29C011A  |                       |             |
| winbond | w29C011A  | [PLCC32]              | (1399)      |
| winbond | w29C011A  | [SOP32]               | (98)        |
| winbond | w29C020   |                       |             |
| winbond | w29C020   | [PLCC32]              | (1399)      |
| winbond | w29C020   | [SOP32]               | (98)        |
| winbond | w29C020   | [TSOP32]              | (1414)      |

|          |               |           |             |
|----------|---------------|-----------|-------------|
| winnbond | w29C020C      |           |             |
| winnbond | w29C020C      | [PLCC32]  | (1399)      |
| winnbond | w29C020C      | [TSOP32]  | (1414)      |
| winnbond | w29C040       |           |             |
| winnbond | w29C040P      | [PLCC32]  | (1384)      |
| winnbond | w29C040T      | [TSOP32]  | (1381)      |
| winnbond | w29C101       | [TSOP40]  | (1370)      |
| winnbond | w29C102       |           |             |
| winnbond | w29C102       | [PLCC44]  | (67)        |
| winnbond | w29C102       | [TSOP40]  | (1371)      |
| winnbond | w29EE011      |           |             |
| winnbond | w29EE011      | [PLCC32]  | (1399)      |
| winnbond | w29EE011      | [SOP32]   | (98)        |
| winnbond | w29EE011      | [TSOP32]  | (1414)      |
| winnbond | w29EE012      |           |             |
| winnbond | w29EE012      | [PLCC32]  | (1399)      |
| winnbond | w29EE512      | [PLCC32]  | (1399)      |
| winnbond | w29EE512      | [TSOP32]  | (1414)      |
| winnbond | w29F102       | [PLCC44]  | (67)        |
| winnbond | w29F102       | [TSOP40]  | (1365)      |
| winnbond | w29GL032CB    | [LFBGA64] | (938)       |
| winnbond | w29GL032CB    | [TFBGA48] | (760)       |
| winnbond | w29GL032CB    | [TSOP48]  | (1346)      |
| winnbond | w29GL032CH    | [LFBGA64] | (938)       |
| winnbond | w29GL032CH    | [TSOP56]  | (3080)      |
| winnbond | w29GL032CL    | [LFBGA64] | (938)       |
| winnbond | w29GL032CL    | [TSOP56]  | (3080)      |
| winnbond | w29GL032CT    | [LFBGA64] | (938)       |
| winnbond | w29GL032CT    | [TFBGA48] | (760)       |
| winnbond | w29GL032CT    | [TSOP48]  | (1346)      |
| winnbond | w29GL064CB    | [LFBGA64] | (938)       |
| winnbond | w29GL064CB    | [TFBGA48] | (760)       |
| winnbond | w29GL064CB    | [TSOP48]  | (1346)      |
| winnbond | w29GL064CH    | [LFBGA64] | (938)       |
| winnbond | w29GL064CH    | [TSOP56]  | (3080)      |
| winnbond | w29GL064CL    | [LFBGA64] | (938)       |
| winnbond | w29GL064CL    | [TSOP56]  | (3080)      |
| winnbond | w29GL064CT    | [LFBGA64] | (938)       |
| winnbond | w29GL064CT    | [TFBGA48] | (760)       |
| winnbond | w29GL064CT    | [TSOP48]  | (1346)      |
| winnbond | w29GL128CH    | [LFBGA64] | (938)       |
| winnbond | w29GL128CH    | [TFBGA56] | (1274)      |
| winnbond | w29GL128CH    | [TSOP56]  | (3080)      |
| winnbond | w29GL128CL    | [LFBGA64] | (938)       |
| winnbond | w29GL128CL    | [TFBGA56] | (1274)      |
| winnbond | w29GL128CL    | [TSOP56]  | (3080)      |
| winnbond | w29GL128DH    | [LFBGA64] | (938)       |
| winnbond | w29GL128DH    | [TFBGA56] | (1274)      |
| winnbond | w29GL128DH    | [TSOP56]  | (3079)      |
| winnbond | w29GL128DL    | [LFBGA64] | (938)       |
| winnbond | w29GL128DL    | [TFBGA56] | (1274)      |
| winnbond | w29GL128DL    | [TSOP56]  | (3079)      |
| winnbond | w29GL128SHXB  | [LFBGA64] | (938)       |
| winnbond | w29GL128SHXT  | [TSOP56]  | (3079)      |
| winnbond | w29GL128SLXB  | [LFBGA64] | (938)       |
| winnbond | w29GL128SLXT  | [TSOP56]  | (3079)      |
| winnbond | w29GL256PHXB  | [LFBGA64] | (938)       |
| winnbond | w29GL256PHXT  | [TSOP56]  | (3079)      |
| winnbond | w29GL256PLXB  | [LFBGA64] | (938)       |
| winnbond | w29GL256PLXT  | [TSOP56]  | (3079)      |
| winnbond | w29GL256SHXT  | [TSOP56]  | (3079)      |
| winnbond | w29GL256SLXT  | [TSOP56]  | (3079)      |
| winnbond | w29GL512PHXB  | [LFBGA64] | (938)       |
| winnbond | w29GL512PHXT  | [TSOP56]  | (3079)      |
| winnbond | w29GL512PLXB  | [LFBGA64] | (938)       |
| winnbond | w29GL512PLXT  | [TSOP56]  | (3079)      |
| winnbond | w29GL512SHXB  | [LFBGA64] | (938)       |
| winnbond | w29GL512SHXT  | [TSOP56]  | (3079)      |
| winnbond | w29GL512SLXB  | [LFBGA64] | (938)       |
| winnbond | w29GL512SLXT  | [TSOP56]  | (3079)      |
| winnbond | w29N01GVDXAA  | [VFBGA48] | (3126)      |
| winnbond | w29N01GVVSXAA | [TSOP48]  | (1456) (*1) |
| winnbond | w29N01HVBXNA  | [VFBGA63] | (2690) (*1) |
| winnbond | w29N01HVBXNF  | [VFBGA63] | (2690) (*1) |
| winnbond | w29N01HVDXNA  | [VFBGA48] | (3126)      |
| winnbond | w29N01HVDXNF  | [VFBGA48] | (3126)      |
| winnbond | w29N01HVSXNA  | [TSOP48]  | (1266) (*1) |
| winnbond | w29N01HVSXNF  | [TSOP48]  | (1266) (*1) |
| winnbond | w29N02GVVBXAA | [VFBGA63] | (2690) (*1) |
| winnbond | w29N02GVVBXAF | [VFBGA63] | (2690) (*1) |
| winnbond | w29N02GVVSXAA | [TSOP48]  | (1456) (*1) |
| winnbond | w29N02GVVSXAF | [TSOP48]  | (1266) (*1) |
| winnbond | w29N02GZBxBA  | [VFBGA63] | (2690) (*1) |
| winnbond | w29N02GZBxBA  | [VFBGA63] | (2690) (*1) |
| winnbond | w29N02GZSxBA  | [TSOP48]  | (1456) (*1) |
| winnbond | w29N02KVSXAF  | [TSOP48]  | (3075)      |
| winnbond | w29N04GVVBXAA | [VFBGA63] | (2690) (*1) |
| winnbond | w29N04GVVSXAA | [TSOP48]  | (1456) (*1) |
| winnbond | w29N04GZBxBA  | [VFBGA63] | (3121)      |
| winnbond | w29N08GVVSXAA | [TSOP48]  | (1266) (*1) |
| winnbond | w29N08GZBxBA  | [VFBGA63] | (3121)      |
| winnbond | w39D040A      |           |             |
| winnbond | w39D040A      | [PLCC32]  | (1384)      |
| winnbond | w39D040A      | [STSOP32] | (1377)      |
| winnbond | w39D040A      | [TSOP32]  | (1381)      |
| winnbond | w39F010       |           |             |
| winnbond | w39F010       | [PLCC32]  | (1399)      |
| winnbond | w39F010       | [STSOP32] | (1412)      |
| winnbond | w39F010       | [TSOP32]  | (1414)      |
| winnbond | w39L010       | [PLCC32]  | (1399)      |
| winnbond | w39L010       | [STSOP32] | (1412)      |
| winnbond | w39L020       | [PLCC32]  | (1399)      |
| winnbond | w39L020       | [STSOP32] | (56)        |
| winnbond | w39L020       | [TSOP32]  | (1414)      |
| winnbond | w39L040A      |           |             |
| winnbond | w39L040A      | [PLCC32]  | (1384)      |
| winnbond | w39L040A      | [STSOP32] | (1377)      |
| winnbond | w39L040A      | [TSOP32]  | (1381)      |
| winnbond | w39L040P      | [PLCC32]  | (1384)      |
| winnbond | w39L040T      | [TSOP32]  | (1381)      |
| winnbond | w39L512       | [PLCC32]  | (1399)      |
| winnbond | w39L512       | [TSOP32]  | (1412)      |
| winnbond | w39V040A      | [PLCC32]  | (1384)      |
| winnbond | w39V040A      | [STSOP32] | (1376)      |
| winnbond | w39V040A      | [TSOP40]  | (1367)      |
| winnbond | w39V040AP     | [PLCC32]  | (1384)      |
| winnbond | w39V040B      | [PLCC32]  | (1384)      |
| winnbond | w39V040B      | [TSOP32]  | (1376)      |
| winnbond | w39V040C      | [PLCC32]  | (1384)      |
| winnbond | w39V040C      | [TSOP32]  | (1376)      |
| winnbond | w39V040FA     | [PLCC32]  | (1384)      |
| winnbond | w39V040FA     | [STSOP32] | (1376)      |
| winnbond | w39V040FAP    | [PLCC32]  | (1384)      |
| winnbond | w39V040FAQ    | [STSOP32] | (1376)      |
| winnbond | w39V040FB     | [PLCC32]  | (1384)      |
| winnbond | w39V040FB     | [TSOP32]  | (1376)      |
| winnbond | w39V040FC     | [PLCC32]  | (1384)      |

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|         |              |                       |                    |
|---------|--------------|-----------------------|--------------------|
| winbond | w39v040FC    | [TSOP32]              | (1376)             |
| winbond | w39v080A     | [PLCC32]              | (1384)             |
| winbond | w39v080A     | [TSOP32]              | (56)               |
| winbond | w39v080A     | [TSOP40]              | (1367)             |
| winbond | w39v080FA    | [PLCC32]              | (1384)             |
| winbond | w39v080FA    | [TSOP32]              | (56)               |
| winbond | w39v080FA    | [TSOP40]              | (1367)             |
| winbond | w458012P     | [PLCC32]              | (59)               |
| winbond | w458012Z     | [SON8]                | (3167) (*1)        |
| winbond | w458512P     | [PLCC32]              | (59)               |
| winbond | w458512Z     | [SON8]                | (3167) (*1)        |
| winbond | w49F002      |                       |                    |
| winbond | w49F002      | [PLCC32]              | (1399)             |
| winbond | w49F002      | [TSOP32]              | (1414)             |
| winbond | w49F002A     |                       |                    |
| winbond | w49F002A     | [PLCC32]              | (1399)             |
| winbond | w49F002B     |                       |                    |
| winbond | w49F002B     | [PLCC32]              | (1399)             |
| winbond | w49F002B     | [TSOP32]              | (1414)             |
| winbond | w49F002N     |                       |                    |
| winbond | w49F002N     | [PLCC32]              | (1399)             |
| winbond | w49F002N     | [TSOP32]              | (1414)             |
| winbond | w49F002U     |                       |                    |
| winbond | w49F002U     | [PLCC32]              | (1399)             |
| winbond | w49F002U     | [TSOP32]              | (1414)             |
| winbond | w49F020      |                       |                    |
| winbond | w49F020P     | [PLCC32]              | (1399)             |
| winbond | w49F020T     | [TSOP32]              | (1414)             |
| winbond | w49F102      | [PLCC44]              | (67)               |
| winbond | w49F102      | [TSOP40]              | (1365)             |
| winbond | w49F201S     | [PSOP44]              | (1356)             |
| winbond | w49F201T     | [TSOP48]              | (1346)             |
| winbond | w49L102      | [PLCC44]              | (67)               |
| winbond | w49L102      | [TSOP40]              | (1365)             |
| winbond | w49L201S     | [PSOP44]              | (1356)             |
| winbond | w49L201T     | [TSOP48]              | (1346)             |
| winbond | w49L401S     | [PSOP44]              | (1356)             |
| winbond | w49L401T     | [TSOP48]              | (1346)             |
| winbond | w49L401TS    | [PSOP44]              | (1356)             |
| winbond | w49L401TT    | [TSOP48]              | (1346)             |
| winbond | w49V002AP    | [PLCC32]              | (1399)             |
| winbond | w49V002AQ    | [TSOP32]              | (1411)             |
| winbond | w49V002FAP   | [PLCC32]              | (1399)             |
| winbond | w49V002FAQ   | [TSOP32]              | (1411)             |
| winbond | w49V002FP    | [PLCC32]              | (1399)             |
| winbond | w49V002FQ    | [TSOP32]              | (1411)             |
| winbond | w49V002P     | [PLCC32]              | (1399)             |
| winbond | w49V002Q     | [TSOP32]              | (1411)             |
| winbond | w55F01       |                       |                    |
| winbond | w55F01B      |                       |                    |
| winbond | w55F05       |                       |                    |
| winbond | w55F05B      |                       |                    |
| winbond | w55F10       |                       |                    |
| winbond | w55F10A      |                       |                    |
| winbond | w55F10B      |                       |                    |
| winbond | w55F20       |                       |                    |
| winbond | w71NW10GE3FW | [VFBGA162]            | (3366)             |
| winbond | w71NW10GF3FW | [VFBGA162]            | (3366)             |
| winbond | w71NW11GC1DW | [VFBGA130]            | (2571) (*1)        |
| winbond | w71NW11HC1DW | [VFBGA130]            | (2571) (*1)        |
| winbond | w71NW20GF3FW | [VFBGA162]            | (3366)             |
| winbond | w71NW21GD1DW | [VFBGA130]            | (2571) (*1)        |
| winbond | w74M25FVxxxQ | [WSON8 8x6]           | (3926) (9999) (*1) |
| winbond | w74M25FVxxxQ | [WSON8 8x6] (QuadSPI) | (3926) (9999) (*1) |
| winbond | w74M25JVxxxQ | [WSON8 8x6]           | (3926) (9999) (*1) |
| winbond | w74M25JVxxxQ | [WSON8 8x6] (QuadSPI) | (3926) (9999) (*1) |
| winbond | w77E058A     |                       |                    |
| winbond | w77E058A     | [PLCC44]              | (67)               |
| winbond | w77E058A     | [QFP44]               | (108)              |
| winbond | w77E516      |                       |                    |
| winbond | w77E516      | [PLCC44]              | (67)               |
| winbond | w77E516      | [QFP44]               | (108)              |
| winbond | w77E516A     |                       |                    |
| winbond | w77E516A     | [PLCC44]              | (67)               |
| winbond | w77E516A     | [QFP44]               | (108)              |
| winbond | w77E532      |                       |                    |
| winbond | w77E532      | [PLCC44]              | (67)               |
| winbond | w77E532      | [QFP44]               | (108)              |
| winbond | w77E532A     |                       |                    |
| winbond | w77E532A     | [PLCC44]              | (67)               |
| winbond | w77E532A     | [QFP44]               | (108)              |
| winbond | w77E58       |                       |                    |
| winbond | w77E58       | [PLCC44]              | (67)               |
| winbond | w77E58       | [QFP44]               | (108)              |
| winbond | w77I058A     |                       |                    |
| winbond | w77I058A     | [PLCC44]              | (67)               |
| winbond | w77IE58      |                       |                    |
| winbond | w77IE58      | [PLCC44]              | (67)               |
| winbond | w77L058A     |                       |                    |
| winbond | w77L058A     | [PLCC44]              | (67)               |
| winbond | w77L058A     | [QFP44]               | (108)              |
| winbond | w77L516A     |                       |                    |
| winbond | w77L516A     | [PLCC44]              | (67)               |
| winbond | w77L516A     | [QFP44]               | (108)              |
| winbond | w77L532A     |                       |                    |
| winbond | w77L532A     | [PLCC44]              | (67)               |
| winbond | w77L532A     | [QFP44]               | (108)              |
| winbond | w77LE516     |                       |                    |
| winbond | w77LE516     | [PLCC44]              | (67)               |
| winbond | w77LE516     | [QFP44]               | (108)              |
| winbond | w77LE532     |                       |                    |
| winbond | w77LE532     | [PLCC44]              | (67)               |
| winbond | w77LE532     | [QFP44]               | (108)              |
| winbond | w77LE58      |                       |                    |
| winbond | w77LE58      | [PLCC44]              | (67)               |
| winbond | w77LE58      | [QFP44]               | (108)              |
| winbond | w78E051A     |                       |                    |
| winbond | w78E051A     | [PLCC44]              | (67)               |
| winbond | w78E051A     | [QFP44]               | (108)              |
| winbond | w78E051A     | [TQFP44]              | (94)               |
| winbond | w78E051B     |                       |                    |
| winbond | w78E051B     | [PLCC44]              | (67)               |
| winbond | w78E051B     | [PQFP44]              | (108)              |
| winbond | w78E051B     | [TQFP44]              | (94)               |
| winbond | w78E051C     |                       |                    |
| winbond | w78E051C     | [PLCC44]              | (67)               |
| winbond | w78E051C     | [PQFP44]              | (108)              |
| winbond | w78E052A     |                       |                    |
| winbond | w78E052A     | [PLCC44]              | (67)               |
| winbond | w78E052A     | [QFP44]               | (108)              |
| winbond | w78E052A     | [TQFP44]              | (94)               |
| winbond | w78E052B     |                       |                    |
| winbond | w78E052B     | [PLCC44]              | (67)               |
| winbond | w78E052B     | [PQFP44]              | (108)              |
| winbond | w78E052C     |                       |                    |
| winbond | w78E052C     | [PLCC44]              | (67)               |
| winbond | w78E052C     | [PQFP44]              | (108)              |
| winbond | w78E054A     |                       |                    |

|         |          |          |       |
|---------|----------|----------|-------|
| winbond | w78E054A | [PLCC44] | (67)  |
| winbond | w78E054A | [QFP44]  | (108) |
| winbond | w78E054A | [TQFP44] | (94)  |
| winbond | w78E054B |          |       |
| winbond | w78E054B | [PLCC44] | (67)  |
| winbond | w78E054B | [PQFP44] | (108) |
| winbond | w78E054C |          |       |
| winbond | w78E054C | [PLCC44] | (67)  |
| winbond | w78E054C | [PQFP44] | (108) |
| winbond | w78E058A |          |       |
| winbond | w78E058A | [PLCC44] | (67)  |
| winbond | w78E058A | [QFP44]  | (108) |
| winbond | w78E058A | [TQFP44] | (94)  |
| winbond | w78E058B |          |       |
| winbond | w78E058B | [PLCC44] | (67)  |
| winbond | w78E058B | [PQFP44] | (108) |
| winbond | w78E065A |          |       |
| winbond | w78E065A | [PLCC44] | (67)  |
| winbond | w78E065A | [PQFP44] | (108) |
| winbond | w78E365  |          |       |
| winbond | w78E365  | [LQFP48] | (174) |
| winbond | w78E365  | [PLCC44] | (67)  |
| winbond | w78E365  | [PQFP44] | (108) |
| winbond | w78E365A |          |       |
| winbond | w78E365A | [LQFP48] | (174) |
| winbond | w78E365A | [PLCC44] | (67)  |
| winbond | w78E365A | [PQFP44] | (108) |
| winbond | w78E378  |          |       |
| winbond | w78E378  | [PLCC44] | (67)  |
| winbond | w78E378E |          |       |
| winbond | w78E51   |          |       |
| winbond | w78E51   | [PLCC44] | (67)  |
| winbond | w78E51   | [QFP44]  | (108) |
| winbond | w78E51   | [TQFP44] | (94)  |
| winbond | w78E516B |          |       |
| winbond | w78E516B | [PLCC44] | (67)  |
| winbond | w78E516B | [PQFP44] | (108) |
| winbond | w78E51B  |          |       |
| winbond | w78E51B  | [PLCC44] | (67)  |
| winbond | w78E51B  | [PQFP44] | (108) |
| winbond | w78E51B  | [TQFP44] | (94)  |
| winbond | w78E51C  |          |       |
| winbond | w78E51C  | [PLCC44] | (67)  |
| winbond | w78E51C  | [PQFP44] | (108) |
| winbond | w78E52   |          |       |
| winbond | w78E52   | [PLCC44] | (67)  |
| winbond | w78E52   | [QFP44]  | (108) |
| winbond | w78E52   | [TQFP44] | (94)  |
| winbond | w78E52B  |          |       |
| winbond | w78E52B  | [PLCC44] | (67)  |
| winbond | w78E52B  | [PQFP44] | (108) |
| winbond | w78E52C  |          |       |
| winbond | w78E52C  | [PLCC44] | (67)  |
| winbond | w78E52C  | [PQFP44] | (108) |
| winbond | w78E54   |          |       |
| winbond | w78E54   | [PLCC44] | (67)  |
| winbond | w78E54   | [QFP44]  | (108) |
| winbond | w78E54   | [TQFP44] | (94)  |
| winbond | w78E54B  |          |       |
| winbond | w78E54B  | [PLCC44] | (67)  |
| winbond | w78E54B  | [PQFP44] | (108) |
| winbond | w78E54C  |          |       |
| winbond | w78E54C  | [PLCC44] | (67)  |
| winbond | w78E54C  | [PQFP44] | (108) |
| winbond | w78E58   |          |       |
| winbond | w78E58   | [PLCC44] | (67)  |
| winbond | w78E58   | [QFP44]  | (108) |
| winbond | w78E58   | [TQFP44] | (94)  |
| winbond | w78E58B  |          |       |
| winbond | w78E58B  | [PLCC44] | (67)  |
| winbond | w78E58B  | [PQFP44] | (108) |
| winbond | w78E62   | [PLCC44] | (67)  |
| winbond | w78E62B  | [LQFP48] | (174) |
| winbond | w78E62B  | [PLCC44] | (67)  |
| winbond | w78E65   |          |       |
| winbond | w78E65   | [PLCC44] | (67)  |
| winbond | w78E65   | [PQFP44] | (108) |
| winbond | w78E858  |          |       |
| winbond | w78E858  | [PLCC44] | (67)  |
| winbond | w78E858  | [PQFP44] | (108) |
| winbond | w78E858A |          |       |
| winbond | w78E858A | [PLCC44] | (67)  |
| winbond | w78E858A | [PQFP44] | (108) |
| winbond | w78ERD2  |          |       |
| winbond | w78ERD2  | [PLCC44] | (67)  |
| winbond | w78ERD2  | [PQFP44] | (108) |
| winbond | w78ERD2A |          |       |
| winbond | w78ERD2A | [PLCC44] | (67)  |
| winbond | w78ERD2A | [PQFP44] | (108) |
| winbond | w78IE52  |          |       |
| winbond | w78IE52  | [PLCC44] | (67)  |
| winbond | w78IE54  |          |       |
| winbond | w78IE54  | [PLCC44] | (67)  |
| winbond | w78IE58  |          |       |
| winbond | w78IE58  | [PLCC44] | (67)  |
| winbond | w78IRD2  |          |       |
| winbond | w78IRD2  | [PLCC44] | (67)  |
| winbond | w78IRD2  | [PQFP44] | (108) |
| winbond | w78IRD2A |          |       |
| winbond | w78IRD2A | [PLCC44] | (67)  |
| winbond | w78IRD2A | [PQFP44] | (108) |
| winbond | w78L051A |          |       |
| winbond | w78L051A | [PLCC44] | (67)  |
| winbond | w78L051A | [QFP44]  | (108) |
| winbond | w78L051A | [TQFP44] | (94)  |
| winbond | w78L051C |          |       |
| winbond | w78L051C | [PLCC44] | (67)  |
| winbond | w78L051C | [PQFP44] | (108) |
| winbond | w78L052A |          |       |
| winbond | w78L052A | [PLCC44] | (67)  |
| winbond | w78L052A | [PQFP44] | (108) |
| winbond | w78L052C |          |       |
| winbond | w78L052C | [PLCC44] | (67)  |
| winbond | w78L052C | [PQFP44] | (108) |
| winbond | w78L054A |          |       |
| winbond | w78L054A | [PLCC44] | (67)  |
| winbond | w78L054A | [PQFP44] | (108) |
| winbond | w78L054A | [TQFP44] | (94)  |
| winbond | w78L054C |          |       |
| winbond | w78L054C | [PLCC44] | (67)  |
| winbond | w78L054C | [PQFP44] | (108) |
| winbond | w78L058A |          |       |
| winbond | w78L058A | [PLCC44] | (67)  |
| winbond | w78L058A | [PQFP44] | (108) |
| winbond | w78L365A |          |       |
| winbond | w78L365A | [LQFP48] | (174) |
| winbond | w78L365A | [PLCC44] | (67)  |
| winbond | w78L365A | [PQFP44] | (108) |

|         |            |           |        |
|---------|------------|-----------|--------|
| winbond | w78L516A   |           |        |
| winbond | w78L516A   | [LQFP48]  | (174)  |
| winbond | w78L516A   | [PLCC44]  | (67)   |
| winbond | w78L516A   | [QFP44]   | (108)  |
| winbond | w78L812A   |           |        |
| winbond | w78L812A   | [LQFP48]  | (174)  |
| winbond | w78L812A   | [PLCC44]  | (67)   |
| winbond | w78L812A   | [PQFP44]  | (108)  |
| winbond | w78LE051A  |           |        |
| winbond | w78LE051A  | [PLCC44]  | (67)   |
| winbond | w78LE051A  | [PQFP44]  | (108)  |
| winbond | w78LE365   |           |        |
| winbond | w78LE365   | [LQFP48]  | (174)  |
| winbond | w78LE365   | [PLCC44]  | (67)   |
| winbond | w78LE365   | [PQFP44]  | (108)  |
| winbond | w78LE51    |           |        |
| winbond | w78LE51    | [PLCC44]  | (67)   |
| winbond | w78LE51    | [PQFP44]  | (108)  |
| winbond | w78LE516   |           |        |
| winbond | w78LE516   | [LQFP48]  | (174)  |
| winbond | w78LE516   | [PLCC44]  | (67)   |
| winbond | w78LE516   | [QFP44]   | (108)  |
| winbond | w78LE51C   |           |        |
| winbond | w78LE51C   | [PLCC44]  | (67)   |
| winbond | w78LE51C   | [PQFP44]  | (108)  |
| winbond | w78LE52    |           |        |
| winbond | w78LE52    | [PLCC44]  | (67)   |
| winbond | w78LE52    | [PQFP44]  | (108)  |
| winbond | w78LE52C   |           |        |
| winbond | w78LE52C   | [PLCC44]  | (67)   |
| winbond | w78LE52C   | [PQFP44]  | (108)  |
| winbond | w78LE54    |           |        |
| winbond | w78LE54    | [PLCC44]  | (67)   |
| winbond | w78LE54    | [PQFP44]  | (108)  |
| winbond | w78LE54    | [TQFP44]  | (94)   |
| winbond | w78LE54C   |           |        |
| winbond | w78LE54C   | [PLCC44]  | (67)   |
| winbond | w78LE54C   | [PQFP44]  | (108)  |
| winbond | w78LE58    |           |        |
| winbond | w78LE58    | [PLCC44]  | (67)   |
| winbond | w78LE58    | [PQFP44]  | (108)  |
| winbond | w78LE812   |           |        |
| winbond | w78LE812   | [LQFP48]  | (174)  |
| winbond | w78LE812   | [PLCC44]  | (67)   |
| winbond | w78LE812   | [PQFP44]  | (108)  |
| winbond | w79A9311A  | [DIP20]   |        |
| winbond | w79A9311A  | [SOP20]   | (119)  |
| winbond | w79A9311A  | [SOP22]   | (1062) |
| winbond | w79E201    | [LQFP48]  | (174)  |
| winbond | w79E201    | [PLCC44]  | (67)   |
| winbond | w79E201    | [QFP44]   | (108)  |
| winbond | w79E201A   | [LQFP48]  | (174)  |
| winbond | w79E201A   | [PLCC44]  | (67)   |
| winbond | w79E201A   | [QFP44]   | (108)  |
| winbond | w79E2051A  | [DIP20]   |        |
| winbond | w79E2051A  | [SOP20]   | (119)  |
| winbond | w79E2051RA | [DIP20]   |        |
| winbond | w79E2051RA | [SOP20]   | (119)  |
| winbond | w79E216    | [PQFP100] | (1053) |
| winbond | w79E216A   | [PQFP100] | (1053) |
| winbond | w79E217    | [PQFP100] | (1053) |
| winbond | w79E217A   | [PQFP100] | (1053) |
| winbond | w79E218    | [PQFP100] | (1053) |
| winbond | w79E218A   | [PQFP100] | (1053) |
| winbond | w79E21J    | [PQFP100] | (1053) |
| winbond | w79E21JA   | [PQFP100] | (1053) |
| winbond | w79E225    | [LQFP48]  | (174)  |
| winbond | w79E225    | [PLCC44]  | (67)   |
| winbond | w79E225A   | [LQFP48]  | (174)  |
| winbond | w79E225A   | [PLCC44]  | (67)   |
| winbond | w79E226    | [LQFP48]  | (174)  |
| winbond | w79E226    | [PLCC44]  | (67)   |
| winbond | w79E226A   | [LQFP48]  | (174)  |
| winbond | w79E226A   | [PLCC44]  | (67)   |
| winbond | w79E227    | [LQFP48]  | (174)  |
| winbond | w79E227    | [PLCC44]  | (67)   |
| winbond | w79E227A   | [LQFP48]  | (174)  |
| winbond | w79E227A   | [PLCC44]  | (67)   |
| winbond | w79E342    | [DIP16]   |        |
| winbond | w79E342    | [SOP16]   | (1060) |
| winbond | w79E4051A  | [DIP20]   |        |
| winbond | w79E4051A  | [SOP20]   | (119)  |
| winbond | w79E4051RA | [DIP20]   |        |
| winbond | w79E4051RA | [SOP20]   | (119)  |
| winbond | w79E532    |           |        |
| winbond | w79E532    | [PLCC44]  | (67)   |
| winbond | w79E532    | [QFP44]   | (108)  |
| winbond | w79E532A   |           |        |
| winbond | w79E532A   | [PLCC44]  | (67)   |
| winbond | w79E532A   | [QFP44]   | (108)  |
| winbond | w79E533A   | [PLCC44]  | (67)   |
| winbond | w79E548    | [PLCC68]  | (562)  |
| winbond | w79E548A   | [PLCC68]  | (562)  |
| winbond | w79E549    | [PLCC68]  | (562)  |
| winbond | w79E549A   | [PLCC68]  | (562)  |
| winbond | w79E558A   | [QFP100]  | (917)  |
| winbond | w79E559A   | [QFP100]  | (917)  |
| winbond | w79E632    |           |        |
| winbond | w79E632    | [PLCC44]  | (67)   |
| winbond | w79E632    | [QFP44]   | (108)  |
| winbond | w79E632A   |           |        |
| winbond | w79E632A   | [PLCC44]  | (67)   |
| winbond | w79E632A   | [QFP44]   | (108)  |
| winbond | w79E633A   | [PLCC44]  | (67)   |
| winbond | w79E648    | [PLCC68]  | (562)  |
| winbond | w79E648A   | [PLCC68]  | (562)  |
| winbond | w79E649    | [PLCC68]  | (562)  |
| winbond | w79E649A   | [PLCC68]  | (562)  |
| winbond | w79E658A   | [QFP100]  | (917)  |
| winbond | w79E659A   | [QFP100]  | (917)  |
| winbond | w79E801    |           |        |
| winbond | w79E801    | [SOP20]   | (119)  |
| winbond | w79E801A   |           |        |
| winbond | w79E801A   | [SOP20]   | (119)  |
| winbond | w79E802    |           |        |
| winbond | w79E802    | [SOP20]   | (119)  |
| winbond | w79E802A   |           |        |
| winbond | w79E802A   | [SOP20]   | (119)  |
| winbond | w79E803    |           |        |
| winbond | w79E803    | [SOP20]   | (119)  |
| winbond | w79E803A   |           |        |
| winbond | w79E803A   | [SOP20]   | (119)  |
| winbond | w79E804    |           |        |
| winbond | w79E804    | [SOP20]   | (119)  |
| winbond | w79E804A   |           |        |
| winbond | w79E804A   | [SOP20]   | (119)  |
| winbond | w79E821    |           |        |
| winbond | w79E821    | [SOP20]   | (119)  |

|                   |                             |              |
|-------------------|-----------------------------|--------------|
| winbond           | w79e8213 [DIP20]            |              |
| winbond           | w79e8213 [SOP20]            | (119)        |
| winbond           | w79e8213A [DIP20]           |              |
| winbond           | w79e8213A [SOP20]           | (119)        |
| winbond           | w79e8213R [DIP20]           |              |
| winbond           | w79e8213R [SOP20]           | (119)        |
| winbond           | w79e8213RA [DIP20]          |              |
| winbond           | w79e8213RA [SOP20]          | (119)        |
| winbond           | w79e821A                    |              |
| winbond           | w79e821A [SOP20]            | (119)        |
| winbond           | w79e822                     |              |
| winbond           | w79e822 [SOP20]             | (119)        |
| winbond           | w79e822A                    |              |
| winbond           | w79e822A [SOP20]            | (119)        |
| winbond           | w79e822B                    |              |
| winbond           | w79e822B [SOP20]            | (119)        |
| winbond           | w79e823                     |              |
| winbond           | w79e823 [SOP20]             | (119)        |
| winbond           | w79e823A                    |              |
| winbond           | w79e823A [SOP20]            | (119)        |
| winbond           | w79e823B                    |              |
| winbond           | w79e823B [SOP20]            | (119)        |
| winbond           | w79e824                     |              |
| winbond           | w79e824 [SOP20]             | (119)        |
| winbond           | w79e824A                    |              |
| winbond           | w79e824A [SOP20]            | (119)        |
| winbond           | w79e825                     |              |
| winbond           | w79e825 [SOP20]             | (119)        |
| winbond           | w79e825A                    |              |
| winbond           | w79e825A [SOP20]            | (119)        |
| winbond           | w79e82J [SOP24]             | (1062)       |
| winbond           | w79e82JA [SOP24]            | (1062)       |
| winbond           | w79e831A                    |              |
| winbond           | w79e831A [SOP20]            | (119)        |
| winbond           | w79e832                     |              |
| winbond           | w79e832 [SOP20]             | (119)        |
| winbond           | w79e832 [SOP28]             | (51)         |
| winbond           | w79e832A                    |              |
| winbond           | w79e832A [SOP20]            | (119)        |
| winbond           | w79e832A [SOP28]            | (51)         |
| winbond           | w79e833                     |              |
| winbond           | w79e833 [SOP20]             | (119)        |
| winbond           | w79e833 [SOP28]             | (51)         |
| winbond           | w79e833A                    |              |
| winbond           | w79e833A [SOP20]            | (119)        |
| winbond           | w79e833A [SOP28]            | (51)         |
| winbond           | w79e834 [LQFP48]            | (174)        |
| winbond           | w79e834 [SOP28]             | (51)         |
| winbond           | w79e834A [LQFP48]           | (174)        |
| winbond           | w79e834A [SOP28]            | (51)         |
| winbond           | w79e83J [SOP28]             | (51)         |
| winbond           | w79L532                     |              |
| winbond           | w79L532 [PLCC44]            | (67)         |
| winbond           | w79L532 [QFP44]             | (108)        |
| winbond           | w79L532A                    |              |
| winbond           | w79L532A [PLCC44]           | (67)         |
| winbond           | w79L532A [QFP44]            | (108)        |
| winbond           | w79L548 [PLCC68]            | (562)        |
| winbond           | w79L548A [PLCC68]           | (562)        |
| winbond           | w79L549 [PLCC68]            | (562)        |
| winbond           | w79L549A [PLCC68]           | (562)        |
| winbond           | w79L558A [QFP100]           | (917)        |
| winbond           | w79L559A [QFP100]           | (917)        |
| winbond           | w79L632                     |              |
| winbond           | w79L632 [PLCC44]            | (67)         |
| winbond           | w79L632 [QFP44]             | (108)        |
| winbond           | w79L632A                    |              |
| winbond           | w79L632A [PLCC44]           | (67)         |
| winbond           | w79L632A [QFP44]            | (108)        |
| winbond           | w79L633A [PLCC44]           | (67)         |
| winbond           | w79L648 [PLCC68]            | (562)        |
| winbond           | w79L648A [PLCC68]           | (562)        |
| winbond           | w79L649 [PLCC68]            | (562)        |
| winbond           | w79L649A [PLCC68]           | (562)        |
| winbond           | w79L658A [QFP100]           | (917)        |
| winbond           | w79L659A [QFP100]           | (917)        |
| winbond           | w83960G [LQFP64]            | (1273)       |
| winbond           | w83L950D [LQFP80]           | (582)        |
| winbond           | w83L950G [LQFP80]           | (582)        |
| winbond           | w83L951ADG [LQFP128]        | (581)        |
| winbond           | w83L951D [LQFP128]          | (581)        |
| winbond           | w83L951DG [LQFP128]         | (581)        |
| winbond           | w83L951F [QFP128]           | (861)        |
| winbond           | w83L951FG [QFP128]          | (861)        |
| winbond           | w99100DG [LQFP48]           | (174)        |
| wing Shing        | WS24C02                     |              |
| wing Shing        | WS24C02 (ISP)               | (138)        |
| wing Shing        | WS24C02 [SOP8]              | (950)        |
| wing Shing        | WS24W04                     |              |
| wing Shing        | WS24W04 (ISP)               | (138)        |
| wing Shing        | WS24W04 [SOP8]              | (950)        |
| wing Shing        | WS24W08                     |              |
| wing Shing        | WS24W08 (ISP)               | (138)        |
| wing Shing        | WS24W08 [SOP8]              | (950)        |
| wing Shing        | WS24W16                     |              |
| wing Shing        | WS24W16 (ISP)               | (138)        |
| wing Shing        | WS24W16 [SOP8]              | (950)        |
| wing Shing        | WS24W32                     |              |
| wing Shing        | WS24W32 (ISP)               | (138)        |
| wing Shing        | WS24W32 [SOP8]              | (950)        |
| wing Shing        | WS24W64                     |              |
| wing Shing        | WS24W64 (ISP)               | (138)        |
| wing Shing        | WS24W64 [SOP8]              | (950)        |
| wisekey           | AT90SCR100H (ISP-JTAG)      | (138) (9999) |
| wisekey           | AT90SCR100H [QFN64]         | (2670)       |
| wisekey           | AT90SCR100LSD [QFN32] (SPI) | (4280)       |
| wisekey           | AT90SCR200H [QFN64]         | (4742)       |
| wisekey           | AT90SCR200LSD [QFN32] (SPI) | (4280)       |
| WSI (wafer scale) | WS27C010F                   |              |
| WSI (wafer scale) | WS27C010F [LCC32]           | (561)        |
| WSI (wafer scale) | WS27C010F [PLCC32]          | (59)         |
| WSI (wafer scale) | WS27C010L                   |              |
| WSI (wafer scale) | WS27C010L [LCC32]           | (561)        |
| WSI (wafer scale) | WS27C010L [PLCC32]          | (59)         |
| WSI (wafer scale) | WS27C040L                   |              |
| WSI (wafer scale) | WS27C128F                   |              |
| WSI (wafer scale) | WS27C128F [PLCC32]          | (59)         |
| WSI (wafer scale) | WS27C128L                   |              |
| WSI (wafer scale) | WS27C128L [PLCC32]          | (59)         |
| WSI (wafer scale) | WS27C210F                   |              |
| WSI (wafer scale) | WS27C210L                   |              |
| WSI (wafer scale) | WS27C210L [PLCC44]          | (67)         |
| WSI (wafer scale) | WS27C220L                   |              |
| WSI (wafer scale) | WS27C220L [PLCC44]          | (67)         |
| WSI (wafer scale) | WS27C240L                   |              |
| WSI (wafer scale) | WS27C240L [PLCC44]          | (67)         |
| WSI (wafer scale) | WS27C256F                   |              |
| WSI (wafer scale) | WS27C256F [PLCC32]          | (59)         |

|                    |                      |        |
|--------------------|----------------------|--------|
| WSI (wafer scale)  | WS27C256L            |        |
| WSI (wafer scale)  | WS27C256L/5          |        |
| WSI (wafer scale)  | WS27C512F            |        |
| WSI (wafer scale)  | WS27C512F [PLCC32]   | (59)   |
| WSI (wafer scale)  | WS27C512L            |        |
| WSI (wafer scale)  | WS27C512L [PLCC32]   | (59)   |
| WSI (wafer scale)  | WS27C64F             |        |
| WSI (wafer scale)  | WS27C64F [PLCC32]    | (59)   |
| WSI (wafer scale)  | WS27C64L             |        |
| WSI (wafer scale)  | WS27C64L [PLCC32]    | (59)   |
| WSI (wafer scale)  | WS57C010F            |        |
| WSI (wafer scale)  | WS57C010F [LCC32]    | (561)  |
| WSI (wafer scale)  | WS57C010F [PLCC32]   | (59)   |
| WSI (wafer scale)  | WS57C040F            |        |
| WSI (wafer scale)  | WS57C040F [PLCC32]   | (59)   |
| WSI (wafer scale)  | WS57C128F            |        |
| WSI (wafer scale)  | WS57C128F [PLCC32]   | (59)   |
| WSI (wafer scale)  | WS57C128FB           |        |
| WSI (wafer scale)  | WS57C128FB [PLCC32]  | (59)   |
| WSI (wafer scale)  | WS57C191             |        |
| WSI (wafer scale)  | WS57C191 [PLCC28]    | (48)   |
| WSI (wafer scale)  | WS57C191B            |        |
| WSI (wafer scale)  | WS57C191B [PLCC28]   | (48)   |
| WSI (wafer scale)  | WS57C191C            |        |
| WSI (wafer scale)  | WS57C191C [PLCC28]   | (48)   |
| WSI (wafer scale)  | WS57C256F            |        |
| WSI (wafer scale)  | WS57C256F [PLCC32]   | (59)   |
| WSI (wafer scale)  | WS57C256FB           |        |
| WSI (wafer scale)  | WS57C256FB [PLCC32]  | (59)   |
| WSI (wafer scale)  | WS57C257             |        |
| WSI (wafer scale)  | WS57C291             |        |
| WSI (wafer scale)  | WS57C291B            |        |
| WSI (wafer scale)  | WS57C291C            |        |
| WSI (wafer scale)  | WS57C291C [LCC28]    | (633)  |
| WSI (wafer scale)  | WS57C43              |        |
| WSI (wafer scale)  | WS57C43 [PLCC28]     | (48)   |
| WSI (wafer scale)  | WS57C43B             |        |
| WSI (wafer scale)  | WS57C43B [PLCC28]    | (48)   |
| WSI (wafer scale)  | WS57C43C             |        |
| WSI (wafer scale)  | WS57C43C [PLCC28]    | (48)   |
| WSI (wafer scale)  | WS57C49              |        |
| WSI (wafer scale)  | WS57C49 [PLCC28]     | (48)   |
| WSI (wafer scale)  | WS57C49B             |        |
| WSI (wafer scale)  | WS57C49B [PLCC28]    | (48)   |
| WSI (wafer scale)  | WS57C49C             |        |
| WSI (wafer scale)  | WS57C49C [PLCC28]    | (48)   |
| WSI (wafer scale)  | WS57C512F            |        |
| WSI (wafer scale)  | WS57C512F [PLCC32]   | (59)   |
| WSI (wafer scale)  | WS57C64F             |        |
| WSI (wafer scale)  | WS57C64F [PLCC32]    | (59)   |
| WSI (wafer scale)  | WS57C65              |        |
| WSI (wafer scale)  | WS57C71C             |        |
| WSI (wafer scale)  | WS57C71C [LCC32]     | (561)  |
| WSI (wafer scale)  | WS57C71C [PLCC32]    | (59)   |
| Wuxi I-Core Elect. | AiP24C02             |        |
| Wuxi I-Core Elect. | AiP24C02 (ISP)       | (138)  |
| Wuxi I-Core Elect. | AiP24C02 [SOP8]      | (950)  |
| Wuxi I-Core Elect. | AiP24C02 [TSSOP8]    | (121)  |
| Xemics             | XE88LC01AMI [LQFP44] | (1543) |
| Xemics             | XE88LC01MI [LQFP44]  | (1543) |
| Xemics             | XE88LC05AMI [LQFP64] | (703)  |
| Xemics             | XE88LC05MI [LQFP64]  | (703)  |
| Xemics             | XE88LC06AMI [TQFP32] | (844)  |
| Xemics             | XE88LC07AMI [TQFP32] | (844)  |
| Xicor              | 4652005              |        |
| Xicor              | X2001                |        |
| Xicor              | X2002                |        |
| Xicor              | X2004                |        |
| Xicor              | X20C04               |        |
| Xicor              | X20C04 [LCC32]       | (561)  |
| Xicor              | X20C04 [PLCC32]      | (59)   |
| Xicor              | X20C04 [SOIC28]      | (51)   |
| Xicor              | X20C05               |        |
| Xicor              | X20C05 [LCC32]       | (561)  |
| Xicor              | X20C05 [PLCC32]      | (59)   |
| Xicor              | X20C05 [SOIC28]      | (51)   |
| Xicor              | X20C16               |        |
| Xicor              | X20C16 [LCC32]       | (561)  |
| Xicor              | X20C16 [PLCC32]      | (59)   |
| Xicor              | X20C16 [SOIC28]      | (51)   |
| Xicor              | X20C17               |        |
| Xicor              | X20C17 [SOIC28]      | (51)   |
| Xicor              | X20C64               |        |
| Xicor              | X2201                |        |
| Xicor              | X2201A               |        |
| Xicor              | X2210                |        |
| Xicor              | X2210A               |        |
| Xicor              | X2212                |        |
| Xicor              | X2212A               |        |
| Xicor              | X22C10               |        |
| Xicor              | X22C12               |        |
| Xicor              | X24001               |        |
| Xicor              | X24012               |        |
| Xicor              | X24012 (ISP)         | (138)  |
| Xicor              | X24012 [SOIC8]       | (950)  |
| Xicor              | X2402                |        |
| Xicor              | X2402 (ISP)          | (138)  |
| Xicor              | X2402 [SOIC14]       | (951)  |
| Xicor              | X24022               |        |
| Xicor              | X24022 (ISP)         | (138)  |
| Xicor              | X24022 [SOIC8]       | (950)  |
| Xicor              | X24022 [TSSOP8]      | (121)  |
| Xicor              | X2404                |        |
| Xicor              | X2404 (ISP)          | (138)  |
| Xicor              | X24042               |        |
| Xicor              | X24042 (ISP)         | (138)  |
| Xicor              | X24042 [SOIC8]       | (950)  |
| Xicor              | X24164               |        |
| Xicor              | X24164 (ISP)         | (138)  |
| Xicor              | X24164 [SOIC8]       | (950)  |
| Xicor              | X24165               |        |
| Xicor              | X24165 (ISP)         | (138)  |
| Xicor              | X24165 [SOIC8]       | (950)  |
| Xicor              | X24165 [TSSOP14]     | (1087) |
| Xicor              | X24320               |        |
| Xicor              | X24320 [SOIC8]       | (950)  |
| Xicor              | X24320 [TSSOP14]     | (1087) |
| Xicor              | X24320-1.8           |        |
| Xicor              | X24320-1.8 [SOIC8]   | (950)  |
| Xicor              | X24320-1.8 [TSSOP14] | (1087) |
| Xicor              | X24321               |        |
| Xicor              | X24321 (ISP)         | (138)  |
| Xicor              | X24325               |        |
| Xicor              | X24325 (ISP)         | (138)  |
| Xicor              | X24325 [SOIC8]       | (950)  |
| Xicor              | X24325 [TSSOP14]     | (1087) |
| Xicor              | X2444                |        |
| Xicor              | X24640               |        |



|       |                      |        |
|-------|----------------------|--------|
| xicor | x24640 [SOIC8]       | (950)  |
| xicor | x24640 [TSSOP20]     | (1089) |
| xicor | x24640-1.8           |        |
| xicor | x24640-1.8 [SOIC8]   | (950)  |
| xicor | x24640-1.8 [TSSOP20] | (1089) |
| xicor | x24641               |        |
| xicor | x24641 (ISP)         | (138)  |
| xicor | x24645               |        |
| xicor | x24645 (ISP)         | (138)  |
| xicor | x24645 [SOIC14]      | (951)  |
| xicor | x24645 [SOIC8]       | (950)  |
| xicor | x24645 [TSSOP20]     | (1089) |
| xicor | x24C00               |        |
| xicor | x24C00 (ISP)         | (138)  |
| xicor | x24C00 [MSOP8]       | (605)  |
| xicor | x24C00 [SOIC8]       | (950)  |
| xicor | x24C01               |        |
| xicor | x24C01 (ISP)         | (138)  |
| xicor | x24C01 [MSOP8]       | (605)  |
| xicor | x24C01 [SOIC8]       | (950)  |
| xicor | x24C01A              |        |
| xicor | x24C01A (ISP)        | (138)  |
| xicor | x24C01A [SOIC8]      | (950)  |
| xicor | x24C02               |        |
| xicor | x24C02 (ISP)         | (138)  |
| xicor | x24C02 [SOIC8]       | (950)  |
| xicor | x24C04               |        |
| xicor | x24C04 (ISP)         | (138)  |
| xicor | x24C04 [MSOP8]       | (605)  |
| xicor | x24C04 [SOIC14]      | (951)  |
| xicor | x24C04 [SOIC8]       | (950)  |
| xicor | x24C04 [TSSOP8]      | (121)  |
| xicor | x24C04-1.8           |        |
| xicor | x24C04-1.8 (ISP)     | (138)  |
| xicor | x24C04-1.8 [MSOP8]   | (605)  |
| xicor | x24C04-1.8 [SOIC8]   | (950)  |
| xicor | x24C04-1.8 [TSSOP8]  | (121)  |
| xicor | x24C08               |        |
| xicor | x24C08 (ISP)         | (138)  |
| xicor | x24C08 [SOIC14]      | (951)  |
| xicor | x24C08 [SOIC8]       | (950)  |
| xicor | x24C16               |        |
| xicor | x24C16 (ISP)         | (138)  |
| xicor | x24C16 [SOIC14]      | (951)  |
| xicor | x24C16 [SOIC8]       | (950)  |
| xicor | x24C16 [TSSOP14]     | (1087) |
| xicor | x24C16-1.8           |        |
| xicor | x24C16-1.8 (ISP)     | (138)  |
| xicor | x24C16-1.8 [SOIC14]  | (951)  |
| xicor | x24C16-1.8 [SOIC8]   | (950)  |
| xicor | x24C44               |        |
| xicor | x24C44 [SOIC8]       | (950)  |
| xicor | x24C45               |        |
| xicor | x24C45 [SOIC8]       | (950)  |
| xicor | x24F016              |        |
| xicor | x24F016 [SOIC8]      | (950)  |
| xicor | x24F016 [TSSOP14]    | (1087) |
| xicor | x24F016-5            |        |
| xicor | x24F016-5 [SOIC8]    | (950)  |
| xicor | x24F016-5 [TSSOP14]  | (1087) |
| xicor | x24F032              |        |
| xicor | x24F032 [SOIC8]      | (950)  |
| xicor | x24F032 [TSSOP14]    | (1087) |
| xicor | x24F032-5            |        |
| xicor | x24F032-5 [SOIC8]    | (950)  |
| xicor | x24F032-5 [TSSOP14]  | (1087) |
| xicor | x24F064              |        |
| xicor | x24F064 [SOIC8]      | (950)  |
| xicor | x24F064-5            |        |
| xicor | x24F064-5 [SOIC8]    | (950)  |
| xicor | x24F128              |        |
| xicor | x24F128 [SOIC16]     | (44)   |
| xicor | x24F128-5            |        |
| xicor | x24F128-5 [SOIC16]   | (44)   |
| xicor | x25010               |        |
| xicor | x25010 (ISP)         | (138)  |
| xicor | x25010 [SOIC8]       | (950)  |
| xicor | x25010 [TSSOP8]      | (121)  |
| xicor | x25020               |        |
| xicor | x25020 (ISP)         | (138)  |
| xicor | x25020 [SOIC8]       | (950)  |
| xicor | x25020 [TSSOP8]      | (121)  |
| xicor | x25021               |        |
| xicor | x25021 (ISP)         | (138)  |
| xicor | x25021 [SOIC8]       | (950)  |
| xicor | x25021 [TSSOP8]      | (121)  |
| xicor | x25040               |        |
| xicor | x25040 (ISP)         | (138)  |
| xicor | x25040 [SOIC8]       | (950)  |
| xicor | x25040 [TSSOP8]      | (121)  |
| xicor | x25041               |        |
| xicor | x25041 (ISP)         | (138)  |
| xicor | x25041 [SOIC8]       | (950)  |
| xicor | x25043               |        |
| xicor | x25043 (ISP)         | (138)  |
| xicor | x25043 [SOIC8]       | (950)  |
| xicor | x25043 [TSSOP14]     | (1087) |
| xicor | x25043-1.8           |        |
| xicor | x25043-1.8 (ISP)     | (138)  |
| xicor | x25043-1.8 [SOIC8]   | (950)  |
| xicor | x25043-1.8 [TSSOP14] | (1087) |
| xicor | x25045               |        |
| xicor | x25045 (ISP)         | (138)  |
| xicor | x25045 [SOIC8]       | (950)  |
| xicor | x25045 [TSSOP14]     | (1087) |
| xicor | x25045-1.8           |        |
| xicor | x25045-1.8 (ISP)     | (138)  |
| xicor | x25045-1.8 [SOIC8]   | (950)  |
| xicor | x25045-1.8 [TSSOP14] | (1087) |
| xicor | x25057               |        |
| xicor | x25057 (ISP)         | (138)  |
| xicor | x25057 [MSOP8]       | (605)  |
| xicor | x25057 [SOIC8]       | (950)  |
| xicor | x25057 [TSSOP8]      | (121)  |
| xicor | x25057-1.8           |        |
| xicor | x25057-1.8 (ISP)     | (138)  |
| xicor | x25057-1.8 [MSOP8]   | (605)  |
| xicor | x25057-1.8 [SOIC8]   | (950)  |
| xicor | x25057-1.8 [TSSOP8]  | (121)  |
| xicor | x25080               |        |
| xicor | x25080 (ISP)         | (138)  |
| xicor | x25080 [SOIC8]       | (950)  |
| xicor | x25080 [TSSOP14]     | (1087) |
| xicor | x25097               |        |
| xicor | x25097 (ISP)         | (138)  |
| xicor | x25097 [SOIC8]       | (950)  |
| xicor | x25097 [TSSOP8]      | (121)  |
| xicor | x25097-1.8           |        |

|       |                      |        |
|-------|----------------------|--------|
| xicor | x25097-1.8 (ISP)     | (138)  |
| xicor | x25097-1.8 [SOIC8]   | (950)  |
| xicor | x25097-1.8 [TSSOP8]  | (121)  |
| xicor | x25128               |        |
| xicor | x25128 (ISP)         | (138)  |
| xicor | x25128 [SOIC14]      | (951)  |
| xicor | x25128 [SOIC16]      | (44)   |
| xicor | x25128 [SOIC8]       | (950)  |
| xicor | x25128 [TSSOP8]      | (121)  |
| xicor | x25138               |        |
| xicor | x25138 (ISP)         | (138)  |
| xicor | x25138 [SOIC14]      | (951)  |
| xicor | x25138 [SOIC16]      | (44)   |
| xicor | x25138 [SOIC8]       | (950)  |
| xicor | x25138 [TSSOP8]      | (121)  |
| xicor | x25160               |        |
| xicor | x25160 (ISP)         | (138)  |
| xicor | x25160 [SOIC8]       | (950)  |
| xicor | x25160 [TSSOP14]     | (1087) |
| xicor | x25163               |        |
| xicor | x25163 (ISP)         | (138)  |
| xicor | x25163 [SOIC8]       | (950)  |
| xicor | x25163 [TSSOP14]     | (1087) |
| xicor | x25163-1.8           |        |
| xicor | x25163-1.8 (ISP)     | (138)  |
| xicor | x25163-1.8 [SOIC8]   | (950)  |
| xicor | x25163-1.8 [TSSOP14] | (1087) |
| xicor | x25164               |        |
| xicor | x25164 (ISP)         | (138)  |
| xicor | x25165               |        |
| xicor | x25165 (ISP)         | (138)  |
| xicor | x25165 [SOIC8]       | (950)  |
| xicor | x25165 [TSSOP14]     | (1087) |
| xicor | x25165-1.8           |        |
| xicor | x25165-1.8 (ISP)     | (138)  |
| xicor | x25165-1.8 [SOIC8]   | (950)  |
| xicor | x25165-1.8 [TSSOP14] | (1087) |
| xicor | x25166               |        |
| xicor | x25166 (ISP)         | (138)  |
| xicor | x25168               |        |
| xicor | x25168 (ISP)         | (138)  |
| xicor | x25168 [SOIC8]       | (950)  |
| xicor | x25168 [TSSOP14]     | (1087) |
| xicor | x25168-1.8           |        |
| xicor | x25168-1.8 (ISP)     | (138)  |
| xicor | x25168-1.8 [SOIC8]   | (950)  |
| xicor | x25168-1.8 [TSSOP14] | (1087) |
| xicor | x25169               |        |
| xicor | x25169 (ISP)         | (138)  |
| xicor | x25169 [SOIC8]       | (950)  |
| xicor | x25169 [TSSOP14]     | (1087) |
| xicor | x25169-1.8           |        |
| xicor | x25169-1.8 (ISP)     | (138)  |
| xicor | x25169-1.8 [SOIC8]   | (950)  |
| xicor | x25169-1.8 [TSSOP14] | (1087) |
| xicor | x25170               |        |
| xicor | x25170 (ISP)         | (138)  |
| xicor | x25170 [SOIC8]       | (950)  |
| xicor | x25170 [TSSOP14]     | (1087) |
| xicor | x25320               |        |
| xicor | x25320 (ISP)         | (138)  |
| xicor | x25320 [SOIC8]       | (950)  |
| xicor | x25320 [TSSOP14]     | (1087) |
| xicor | x25323               |        |
| xicor | x25323 (ISP)         | (138)  |
| xicor | x25323 [SOIC8]       | (950)  |
| xicor | x25323 [TSSOP14]     | (1087) |
| xicor | x25323-1.8           |        |
| xicor | x25323-1.8 (ISP)     | (138)  |
| xicor | x25323-1.8 [SOIC8]   | (950)  |
| xicor | x25323-1.8 [TSSOP14] | (1087) |
| xicor | x25324               |        |
| xicor | x25324 (ISP)         | (138)  |
| xicor | x25325               |        |
| xicor | x25325 (ISP)         | (138)  |
| xicor | x25325 [SOIC8]       | (950)  |
| xicor | x25325 [TSSOP14]     | (1087) |
| xicor | x25325-1.8           |        |
| xicor | x25325-1.8 (ISP)     | (138)  |
| xicor | x25325-1.8 [SOIC8]   | (950)  |
| xicor | x25325-1.8 [TSSOP14] | (1087) |
| xicor | x25326               |        |
| xicor | x25326 (ISP)         | (138)  |
| xicor | x25328               |        |
| xicor | x25328 (ISP)         | (138)  |
| xicor | x25328 [SOIC8]       | (950)  |
| xicor | x25328 [TSSOP14]     | (1087) |
| xicor | x25328-1.8           |        |
| xicor | x25328-1.8 (ISP)     | (138)  |
| xicor | x25328-1.8 [SOIC8]   | (950)  |
| xicor | x25328-1.8 [TSSOP14] | (1087) |
| xicor | x25329               |        |
| xicor | x25329 (ISP)         | (138)  |
| xicor | x25329 [SOIC8]       | (950)  |
| xicor | x25329 [TSSOP14]     | (1087) |
| xicor | x25329-1.8           |        |
| xicor | x25329-1.8 (ISP)     | (138)  |
| xicor | x25329-1.8 [SOIC8]   | (950)  |
| xicor | x25329-1.8 [TSSOP14] | (1087) |
| xicor | x25330               |        |
| xicor | x25330 (ISP)         | (138)  |
| xicor | x25330 [SOIC8]       | (950)  |
| xicor | x25330 [TSSOP14]     | (1087) |
| xicor | x25383               |        |
| xicor | x25383 (ISP)         | (138)  |
| xicor | x25385               |        |
| xicor | x25385 (ISP)         | (138)  |
| xicor | x25401               |        |
| xicor | x25401 (ISP)         | (138)  |
| xicor | x25401 [SOIC8]       | (950)  |
| xicor | x25640               |        |
| xicor | x25640 (ISP)         | (138)  |
| xicor | x25640 [SOIC14]      | (951)  |
| xicor | x25642               |        |
| xicor | x25642 (ISP)         | (138)  |
| xicor | x25642 [SOIC14]      | (951)  |
| xicor | x25642 [SOIC8]       | (950)  |
| xicor | x25643               |        |
| xicor | x25643 (ISP)         | (138)  |
| xicor | x25643 [SOIC14]      | (951)  |
| xicor | x25643-1.8 (ISP)     | (138)  |
| xicor | x25643-1.8 [SOIC14]  | (951)  |
| xicor | x25644               |        |
| xicor | x25644 (ISP)         | (138)  |
| xicor | x25645               |        |
| xicor | x25645 (ISP)         | (138)  |
| xicor | x25645 [SOIC14]      | (951)  |
| xicor | x25645-1.8 (ISP)     | (138)  |

|     |                     |        |
|-----|---------------------|--------|
| xi  | x25645-1.8 [SOIC14] | (951)  |
| cor | x25646              |        |
|     | x25646 (ISP)        | (138)  |
|     | x25648              |        |
|     | x25648 (ISP)        | (138)  |
|     | x25648 [SOIC14]     | (951)  |
|     | x25648-1.8 (ISP)    | (138)  |
|     | x25648-1.8 [SOIC14] | (951)  |
|     | x25649              |        |
|     | x25649 (ISP)        | (138)  |
|     | x25649 [SOIC14]     | (951)  |
|     | x25649-1.8 (ISP)    | (138)  |
|     | x25649-1.8 [SOIC14] | (951)  |
|     | x25650              |        |
|     | x25650 (ISP)        | (138)  |
|     | x25650 [SOIC14]     | (951)  |
|     | x25650 [SOIC8]      | (950)  |
|     | x25650 [TSSOP20]    | (1089) |
|     | x25C02              |        |
|     | x25C02 (ISP)        | (138)  |
|     | x25C02 [MSOP8]      | (605)  |
|     | x25C02 [SOIC8]      | (950)  |
|     | x25F008             |        |
|     | x25F008 (ISP)       | (138)  |
|     | x25F016             |        |
|     | x25F016 (ISP)       | (138)  |
|     | x25F032             |        |
|     | x25F032 (ISP)       | (138)  |
|     | x25F047             |        |
|     | x25F047 (ISP)       | (138)  |
|     | x25F047 [SOIC8]     | (950)  |
|     | x25F047 [TSSOP8]    | (121)  |
|     | x25F047-5           |        |
|     | x25F047-5 (ISP)     | (138)  |
|     | x25F047-5 [SOIC8]   | (950)  |
|     | x25F047-5 [TSSOP8]  | (121)  |
|     | x25F064             |        |
|     | x25F064 (ISP)       | (138)  |
|     | x25F087             |        |
|     | x25F087 (ISP)       | (138)  |
|     | x25F087 [SOIC8]     | (950)  |
|     | x25F087 [TSSOP8]    | (121)  |
|     | x25F087-5           |        |
|     | x25F087-5 (ISP)     | (138)  |
|     | x25F087-5 [SOIC8]   | (950)  |
|     | x25F087-5 [TSSOP8]  | (121)  |
|     | x25F128             |        |
|     | x25F128 (ISP)       | (138)  |
|     | x2804A              |        |
|     | x2804C              |        |
|     | x2816A              |        |
|     | x2816A [LCC32]      | (561)  |
|     | x2816A [PLCC32]     | (59)   |
|     | x2816B              |        |
|     | x2816B [LCC32]      | (561)  |
|     | x2816B [PLCC32]     | (59)   |
|     | x2816C              |        |
|     | x2816C [LCC32]      | (561)  |
|     | x2816C [PLCC32]     | (59)   |
|     | x2816C [SOIC24]     | (1062) |
|     | x28256              |        |
|     | x28256 [PLCC32]     | (59)   |
|     | x2864A              |        |
|     | x2864A [PLCC32]     | (59)   |
|     | x2864B              |        |
|     | x2864B [PLCC32]     | (59)   |
|     | x2864H              |        |
|     | x2864H [PLCC32]     | (59)   |
|     | x28C010             |        |
|     | x28C010 [FP32]      | (1546) |
|     | x28C010 [PLCC32]    | (59)   |
|     | x28C010 [TSOP40]    | (56)   |
|     | x28C16 [LCC32]      | (561)  |
|     | x28C16 [PLCC32]     | (59)   |
|     | x28C256             |        |
|     | x28C256 [FP28]      | (1546) |
|     | x28C256 [LCC32]     | (561)  |
|     | x28C256 [PLCC32]    | (59)   |
|     | x28C256 [SOIC28]    | (51)   |
|     | x28C256 [TSOP32]    | (56)   |
|     | x28C256B            |        |
|     | x28C256B [LCC32]    | (561)  |
|     | x28C256B [PLCC32]   | (59)   |
|     | x28C512             |        |
|     | x28C512 [FP32]      | (1546) |
|     | x28C512 [LCC32]     | (561)  |
|     | x28C512 [PLCC32]    | (59)   |
|     | x28C512 [TSOP40]    | (56)   |
|     | x28C513 [LCC32]     | (561)  |
|     | x28C513 [PLCC32]    | (59)   |
|     | x28C64              |        |
|     | x28C64 [FP28]       | (1546) |
|     | x28C64 [LCC32]      | (561)  |
|     | x28C64 [PLCC32]     | (59)   |
|     | x28C64 [SOIC28]     | (51)   |
|     | x28C64 [TSOP32]     | (56)   |
|     | x28HC16             |        |
|     | x28HC16 [LCC32]     | (561)  |
|     | x28HC16 [PLCC32]    | (59)   |
|     | x28HC16 [SOIC24]    | (1062) |
|     | x28HC256            |        |
|     | x28HC256 [FP28]     | (1546) |
|     | x28HC256 [LCC32]    | (561)  |
|     | x28HC256 [PLCC32]   | (59)   |
|     | x28HC256 [SOIC28]   | (51)   |
|     | x28HC256 [TSOP32]   | (56)   |
|     | x28HC64             |        |
|     | x28HC64 [FP28]      | (1546) |
|     | x28HC64 [LCC32]     | (561)  |
|     | x28HC64 [PLCC32]    | (59)   |
|     | x28HC64 [SOIC28]    | (51)   |
|     | x28HC64 [TSOP32]    | (56)   |
|     | x28HT010            |        |
|     | x28HT010 [FP32]     | (1546) |
|     | x28HT512            |        |
|     | x28HT512 [FP32]     | (1546) |
|     | x28LC512            |        |
|     | x28LC512 [LCC32]    | (561)  |
|     | x28LC512 [PLCC32]   | (59)   |
|     | x28LC512 [TSOP40]   | (56)   |
|     | x28LC513 [PLCC32]   | (59)   |
|     | x28LV010            |        |
|     | x28LV010 [PLCC32]   | (59)   |
|     | x28LV010 [TSOP40]   | (56)   |
|     | x28VC256            |        |
|     | x28VC256 [FP28]     | (1546) |
|     | x28VC256 [LCC32]    | (561)  |
|     | x28VC256 [PLCC32]   | (59)   |

|       |                      |        |
|-------|----------------------|--------|
| xicor | X28VC256 [SOIC28]    | (51)   |
| xicor | X28VC256 [TSOP32]    | (56)   |
| xicor | X4043 [MSOP8]        | (605)  |
| xicor | X4043 [SOIC8]        | (950)  |
| xicor | X4045 [MSOP8]        | (605)  |
| xicor | X4045 [SOIC8]        | (950)  |
| xicor | X4163 [SOIC8]        | (950)  |
| xicor | X4163 [TSSOP8]       | (121)  |
| xicor | X4165 [SOIC8]        | (950)  |
| xicor | X4165 [TSSOP8]       | (121)  |
| xicor | X5043                |        |
| xicor | X5043 (ISP)          | (138)  |
| xicor | X5043 [SOIC8]        | (950)  |
| xicor | X5043 [TSSOP14]      | (1087) |
| xicor | X5043-1.8            |        |
| xicor | X5043-1.8 (ISP)      | (138)  |
| xicor | X5043-1.8 [SOIC8]    | (950)  |
| xicor | X5043-1.8 [TSSOP14]  | (1087) |
| xicor | X5045                |        |
| xicor | X5045 (ISP)          | (138)  |
| xicor | X5045 [SOIC8]        | (950)  |
| xicor | X5045 [TSSOP14]      | (1087) |
| xicor | X5045-1.8            |        |
| xicor | X5045-1.8 (ISP)      | (138)  |
| xicor | X5045-1.8 [SOIC8]    | (950)  |
| xicor | X5045-1.8 [TSSOP14]  | (1087) |
| xicor | X5083                |        |
| xicor | X5083 (ISP)          | (138)  |
| xicor | X5083 [SOIC8]        | (950)  |
| xicor | X5083 [TSSOP8]       | (121)  |
| xicor | X5083-1.8            |        |
| xicor | X5083-1.8 (ISP)      | (138)  |
| xicor | X5083-1.8 [SOIC8]    | (950)  |
| xicor | X5083-1.8 [TSSOP8]   | (121)  |
| xicor | X5163                |        |
| xicor | X5163 (ISP)          | (138)  |
| xicor | X5163 [SOIC8]        | (950)  |
| xicor | X5163 [TSSOP14]      | (1087) |
| xicor | X5163-1.8            |        |
| xicor | X5163-1.8 (ISP)      | (138)  |
| xicor | X5163-1.8 [SOIC8]    | (950)  |
| xicor | X5163-1.8 [TSSOP14]  | (1087) |
| xicor | X51638               |        |
| xicor | X51638 (ISP)         | (138)  |
| xicor | X51638 [SOIC8]       | (950)  |
| xicor | X51638 [TSSOP14]     | (1087) |
| xicor | X51638-1.8           |        |
| xicor | X51638-1.8 (ISP)     | (138)  |
| xicor | X51638-1.8 [SOIC8]   | (950)  |
| xicor | X51638-1.8 [TSSOP14] | (1087) |
| xicor | X5165                |        |
| xicor | X5165 (ISP)          | (138)  |
| xicor | X5165 [SOIC8]        | (950)  |
| xicor | X5165 [TSSOP14]      | (1087) |
| xicor | X5165-1.8            |        |
| xicor | X5165-1.8 (ISP)      | (138)  |
| xicor | X5165-1.8 [SOIC8]    | (950)  |
| xicor | X5165-1.8 [TSSOP14]  | (1087) |
| xicor | X5168                |        |
| xicor | X5168 (ISP)          | (138)  |
| xicor | X5168 [SOIC8]        | (950)  |
| xicor | X5168 [TSSOP14]      | (1087) |
| xicor | X5168-1.8            |        |
| xicor | X5168-1.8 (ISP)      | (138)  |
| xicor | X5168-1.8 [SOIC8]    | (950)  |
| xicor | X5168-1.8 [TSSOP14]  | (1087) |
| xicor | X5169                |        |
| xicor | X5169 (ISP)          | (138)  |
| xicor | X5169 [SOIC8]        | (950)  |
| xicor | X5169 [TSSOP14]      | (1087) |
| xicor | X5169-1.8            |        |
| xicor | X5169-1.8 (ISP)      | (138)  |
| xicor | X5169-1.8 [SOIC8]    | (950)  |
| xicor | X5169-1.8 [TSSOP14]  | (1087) |
| xicor | X5323                |        |
| xicor | X5323 (ISP)          | (138)  |
| xicor | X5323 [SOIC8]        | (950)  |
| xicor | X5323 [TSSOP14]      | (1087) |
| xicor | X5323-1.8            |        |
| xicor | X5323-1.8 (ISP)      | (138)  |
| xicor | X5323-1.8 [SOIC8]    | (950)  |
| xicor | X5323-1.8 [TSSOP14]  | (1087) |
| xicor | X5325                |        |
| xicor | X5325 (ISP)          | (138)  |
| xicor | X5325 [SOIC8]        | (950)  |
| xicor | X5325 [TSSOP14]      | (1087) |
| xicor | X5325-1.8            |        |
| xicor | X5325-1.8 (ISP)      | (138)  |
| xicor | X5325-1.8 [SOIC8]    | (950)  |
| xicor | X5325-1.8 [TSSOP14]  | (1087) |
| xicor | X5328                |        |
| xicor | X5328 (ISP)          | (138)  |
| xicor | X5328 [SOIC8]        | (950)  |
| xicor | X5328 [TSSOP14]      | (1087) |
| xicor | X5328-1.8            |        |
| xicor | X5328-1.8 (ISP)      | (138)  |
| xicor | X5328-1.8 [SOIC8]    | (950)  |
| xicor | X5328-1.8 [TSSOP14]  | (1087) |
| xicor | X5329                |        |
| xicor | X5329 (ISP)          | (138)  |
| xicor | X5329 [SOIC8]        | (950)  |
| xicor | X5329 [TSSOP14]      | (1087) |
| xicor | X5329-1.8            |        |
| xicor | X5329-1.8 (ISP)      | (138)  |
| xicor | X5329-1.8 [SOIC8]    | (950)  |
| xicor | X5329-1.8 [TSSOP14]  | (1087) |
| xicor | X5563 (ISP)          | (138)  |
| xicor | X5563 [SOIC8]        | (950)  |
| xicor | X5643                |        |
| xicor | X5643 (ISP)          | (138)  |
| xicor | X5643 [SOIC14]       | (951)  |
| xicor | X5643-1.8 (ISP)      | (138)  |
| xicor | X5643-1.8 [SOIC14]   | (951)  |
| xicor | X5645                |        |
| xicor | X5645 (ISP)          | (138)  |
| xicor | X5645 [SOIC14]       | (951)  |
| xicor | X5645-1.8 (ISP)      | (138)  |
| xicor | X5645-1.8 [SOIC14]   | (951)  |
| xicor | X5648                |        |
| xicor | X5648 (ISP)          | (138)  |
| xicor | X5648 [SOIC14]       | (951)  |
| xicor | X5648-1.8 (ISP)      | (138)  |
| xicor | X5648-1.8 [SOIC14]   | (951)  |
| xicor | X5649                |        |
| xicor | X5649 (ISP)          | (138)  |
| xicor | X5649 [SOIC14]       | (951)  |
| xicor | X5649-1.8 (ISP)      | (138)  |
| xicor | X5649-1.8 [SOIC14]   | (951)  |

|        |                                    |        |
|--------|------------------------------------|--------|
| xicor  | x68c64                             |        |
| xicor  | x68c64 [SOIC24]                    | (1062) |
| xicor  | x76f041a [SOP8]                    | (46)   |
| xicor  | x76f041a-3 [SOP8]                  | (46)   |
| xicor  | x76f041p                           |        |
| xicor  | x76f041p-3                         |        |
| xicor  | x84041                             |        |
| xicor  | x84041 [SOIC8]                     | (950)  |
| xicor  | x84041 [TSSOP14]                   | (1087) |
| xicor  | x84041-3                           |        |
| xicor  | x84041-3 [SOIC8]                   | (950)  |
| xicor  | x84041-3 [TSSOP14]                 | (1087) |
| xicor  | x84047 [SOIC8]                     | (950)  |
| xicor  | x84047 [TSSOP8]                    | (121)  |
| xicor  | x84047-2 [SOIC8]                   | (950)  |
| xicor  | x84047-2 [TSSOP8]                  | (121)  |
| xicor  | x84087 [SOIC8]                     | (950)  |
| xicor  | x84087 [TSSOP8]                    | (121)  |
| xicor  | x84087-2 [SOIC8]                   | (950)  |
| xicor  | x84087-2 [TSSOP8]                  | (121)  |
| xicor  | x84128                             |        |
| xicor  | x84128 [SOIC14]                    | (951)  |
| xicor  | x84128 [TSSOP28]                   | (172)  |
| xicor  | x84128-1.8                         |        |
| xicor  | x84128-1.8 [SOIC14]                | (951)  |
| xicor  | x84128-1.8 [TSSOP28]               | (172)  |
| xicor  | x84129                             |        |
| xicor  | x84129 [SOIC14]                    | (951)  |
| xicor  | x84129 [TSSOP28]                   | (172)  |
| xicor  | x84129-1.8                         |        |
| xicor  | x84129-1.8 [SOIC14]                | (951)  |
| xicor  | x84129-1.8 [TSSOP28]               | (172)  |
| xicor  | x84160                             |        |
| xicor  | x84160 [SOIC8]                     | (950)  |
| xicor  | x84160 [TSSOP8]                    | (121)  |
| xicor  | x84160-1.8                         |        |
| xicor  | x84160-1.8 [SOIC8]                 | (950)  |
| xicor  | x84160-1.8 [TSSOP8]                | (121)  |
| xicor  | x84161                             |        |
| xicor  | x84161 [SOIC8]                     | (950)  |
| xicor  | x84161 [TSSOP8]                    | (121)  |
| xicor  | x84161-1.8                         |        |
| xicor  | x84161-1.8 [SOIC8]                 | (950)  |
| xicor  | x84161-1.8 [TSSOP8]                | (121)  |
| xicor  | x84256 [SOIC16]                    | (44)   |
| xicor  | x84256 [SOIC8]                     | (950)  |
| xicor  | x84256 [TSSOP14]                   | (1087) |
| xicor  | x84256-1.8 [SOIC16]                | (44)   |
| xicor  | x84256-1.8 [SOIC8]                 | (950)  |
| xicor  | x84256-1.8 [TSSOP14]               | (1087) |
| xicor  | x84640                             |        |
| xicor  | x84640 [SOIC8]                     | (950)  |
| xicor  | x84640 [TSSOP20]                   | (1089) |
| xicor  | x84640-1.8                         |        |
| xicor  | x84640-1.8 [SOIC8]                 | (950)  |
| xicor  | x84640-1.8 [TSSOP20]               | (1089) |
| xicor  | x84641                             |        |
| xicor  | x84641 [SOIC8]                     | (950)  |
| xicor  | x84641 [TSSOP20]                   | (1089) |
| xicor  | x84641-1.8                         |        |
| xicor  | x84641-1.8 [SOIC8]                 | (950)  |
| xicor  | x84641-1.8 [TSSOP20]               | (1089) |
| xicor  | x88c64                             |        |
| xicor  | x88c64 [SOIC24]                    | (1062) |
| xicor  | x88c75                             |        |
| xicor  | x88c75 [PLCC44]                    | (67)   |
| xicor  | x88c75 [TQFP44]                    | (94)   |
| xicor  | xm28c010                           |        |
| xicor  | xm28c010 [PLCC32]                  | (59)   |
| xilinx | JTAG chain (ISP-Jam)               | (138)  |
| xilinx | JTAG chain (ISP-SVF)               | (138)  |
| xilinx | XA2C128 (ISP)                      | (138)  |
| xilinx | XA2C128 (ISP-Jam)                  | (138)  |
| xilinx | XA2C128 (ISP-SVF)                  | (138)  |
| xilinx | XA2C128 [CP132]                    | (787)  |
| xilinx | XA2C128 [CP132] (Jam)              | (787)  |
| xilinx | XA2C128 [CP132] (SVF)              | (787)  |
| xilinx | XA2C128 [VQFP100]                  | (176)  |
| xilinx | XA2C128 [VQFP100] (Jam)            | (176)  |
| xilinx | XA2C128 [VQFP100] (SVF)            | (176)  |
| xilinx | XA2C256 (ISP)                      | (138)  |
| xilinx | XA2C256 (ISP-Jam)                  | (138)  |
| xilinx | XA2C256 (ISP-SVF)                  | (138)  |
| xilinx | XA2C256 [TQFP144]                  | (612)  |
| xilinx | XA2C256 [TQFP144] (Jam)            | (612)  |
| xilinx | XA2C256 [TQFP144] (SVF)            | (612)  |
| xilinx | XA2C256 [VQFP100]                  | (176)  |
| xilinx | XA2C256 [VQFP100] (Jam)            | (176)  |
| xilinx | XA2C256 [VQFP100] (SVF)            | (176)  |
| xilinx | XA2C32A (ISP)                      | (138)  |
| xilinx | XA2C32A (ISP-Jam)                  | (138)  |
| xilinx | XA2C32A (ISP-SVF)                  | (138)  |
| xilinx | XA2C32A [VQFP44]                   | (94)   |
| xilinx | XA2C32A [VQFP44] (Jam)             | (94)   |
| xilinx | XA2C32A [VQFP44] (SVF)             | (94)   |
| xilinx | XA2C384 (ISP)                      | (138)  |
| xilinx | XA2C384 (ISP-Jam)                  | (138)  |
| xilinx | XA2C384 (ISP-SVF)                  | (138)  |
| xilinx | XA2C384 [TQFP144]                  | (612)  |
| xilinx | XA2C384 [TQFP144] (Jam)            | (612)  |
| xilinx | XA2C384 [TQFP144] (SVF)            | (612)  |
| xilinx | XA2C64A (ISP)                      | (138)  |
| xilinx | XA2C64A (ISP-Jam)                  | (138)  |
| xilinx | XA2C64A (ISP-SVF)                  | (138)  |
| xilinx | XA2C64A [VQFP100]                  | (176)  |
| xilinx | XA2C64A [VQFP100] (Jam)            | (176)  |
| xilinx | XA2C64A [VQFP100] (SVF)            | (176)  |
| xilinx | XA2C64A [VQFP44]                   | (94)   |
| xilinx | XA2C64A [VQFP44] (Jam)             | (94)   |
| xilinx | XA2C64A [VQFP44] (SVF)             | (94)   |
| xilinx | XA95144XL (ISP-Jam)                | (138)  |
| xilinx | XA95144XL (ISP-SVF)                | (138)  |
| xilinx | XA95144XL [Flex Tape CSP144]       | (949)  |
| xilinx | XA95144XL [Flex Tape CSP144] (Jam) | (949)  |
| xilinx | XA95144XL [Flex Tape CSP144] (SVF) | (949)  |
| xilinx | XA95144XL [Laminate CSP144]        | (949)  |
| xilinx | XA95144XL [Laminate CSP144] (Jam)  | (949)  |
| xilinx | XA95144XL [Laminate CSP144] (SVF)  | (949)  |
| xilinx | XA9536XL (ISP-Jam)                 | (138)  |
| xilinx | XA9536XL (ISP-SVF)                 | (138)  |
| xilinx | XA9536XL [VQFP44]                  | (94)   |
| xilinx | XA9536XL [VQFP44] (Jam)            | (94)   |
| xilinx | XA9536XL [VQFP44] (SVF)            | (94)   |
| xilinx | XA9572XL (ISP-Jam)                 | (138)  |
| xilinx | XA9572XL (ISP-SVF)                 | (138)  |
| xilinx | XA9572XL [TQFP100]                 | (176)  |
| xilinx | XA9572XL [TQFP100] (Jam)           | (176)  |
| xilinx | XA9572XL [TQFP100] (SVF)           | (176)  |

|        |            |                |       |
|--------|------------|----------------|-------|
| xilinx | XA9572XL   | [VQFP44]       | (94)  |
| xilinx | XA9572XL   | [VQFP44] (Jam) | (94)  |
| xilinx | XA9572XL   | [VQFP44] (SVF) | (94)  |
| xilinx | XA9572XL   | [VQFP64]       | (588) |
| xilinx | XA9572XL   | [VQFP64] (Jam) | (588) |
| xilinx | XA9572XL   | [VQFP64] (SVF) | (588) |
| xilinx | XC1701     |                |       |
| xilinx | XC1701     | [PLCC20]       | (47)  |
| xilinx | XC1701     | [SOIC20]       | (119) |
| xilinx | XC1701L    |                |       |
| xilinx | XC1701L    | [PLCC20]       | (47)  |
| xilinx | XC1701L    | [SOIC20]       | (119) |
| xilinx | XC1702L    | [PLCC44]       | (67)  |
| xilinx | XC1702L    | [VQFP44]       | (94)  |
| xilinx | XC1704L    | [PLCC44]       | (67)  |
| xilinx | XC1704L    | [VQFP44]       | (94)  |
| xilinx | XC17128D   |                |       |
| xilinx | XC17128D   | [PLCC20]       | (47)  |
| xilinx | XC17128E   |                |       |
| xilinx | XC17128E   | [PLCC20]       | (47)  |
| xilinx | XC17128E   | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17128EL  |                |       |
| xilinx | XC17128EL  | [PLCC20]       | (47)  |
| xilinx | XC17128EL  | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17128L   |                |       |
| xilinx | XC17128L   | [PLCC20]       | (47)  |
| xilinx | XC17128X   |                |       |
| xilinx | XC17128X   | [PLCC20]       | (47)  |
| xilinx | XC1718D    |                |       |
| xilinx | XC1718D    | [PLCC20]       | (47)  |
| xilinx | XC1718L    |                |       |
| xilinx | XC1718L    | [PLCC20]       | (47)  |
| xilinx | XC17256D   |                |       |
| xilinx | XC17256D   | [PLCC20]       | (47)  |
| xilinx | XC17256E   |                |       |
| xilinx | XC17256E   | [PLCC20]       | (47)  |
| xilinx | XC17256E   | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17256EL  |                |       |
| xilinx | XC17256EL  | [PLCC20]       | (47)  |
| xilinx | XC17256EL  | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17256L   |                |       |
| xilinx | XC17256L   | [PLCC20]       | (47)  |
| xilinx | XC17256X   |                |       |
| xilinx | XC17256X   | [PLCC20]       | (47)  |
| xilinx | XC1736A    |                |       |
| xilinx | XC1736D    |                |       |
| xilinx | XC1736D    | [PLCC20]       | (47)  |
| xilinx | XC1736E    |                |       |
| xilinx | XC1736E    | [PLCC20]       | (47)  |
| xilinx | XC1736E    | [SOIC8]        | (950) |
| xilinx | XC1736E    | [VOIC8/TSOP8]  | (950) |
| xilinx | XC1736L    |                |       |
| xilinx | XC1736L    | [PLCC20]       | (47)  |
| xilinx | XC1736L    | [SOIC8]        | (950) |
| xilinx | XC17512L   |                |       |
| xilinx | XC17512L   | [PLCC20]       | (47)  |
| xilinx | XC17512L   | [SOIC20]       | (119) |
| xilinx | XC1765D    |                |       |
| xilinx | XC1765D    | [PLCC20]       | (47)  |
| xilinx | XC1765E    |                |       |
| xilinx | XC1765E    | [PLCC20]       | (47)  |
| xilinx | XC1765E    | [SOIC8]        | (950) |
| xilinx | XC1765E    | [VOIC8/TSOP8]  | (950) |
| xilinx | XC1765EL   |                |       |
| xilinx | XC1765EL   | [PLCC20]       | (47)  |
| xilinx | XC1765EL   | [SOIC8]        | (950) |
| xilinx | XC1765EL   | [VOIC8/TSOP8]  | (950) |
| xilinx | XC1765L    |                |       |
| xilinx | XC1765L    | [PLCC20]       | (47)  |
| xilinx | XC1765L    | [SOIC8]        | (950) |
| xilinx | XC1765X    |                |       |
| xilinx | XC1765X    | [PLCC20]       | (47)  |
| xilinx | XC1765X    | [SOIC8]        | (950) |
| xilinx | XC17S05    |                |       |
| xilinx | XC17S05    | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S05L   |                |       |
| xilinx | XC17S05L   | [SOIC8]        | (950) |
| xilinx | XC17S05L   | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S05XL  |                |       |
| xilinx | XC17S05XL  | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S10    |                |       |
| xilinx | XC17S10    | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S100A  |                |       |
| xilinx | XC17S100A  | [SOIC20]       | (119) |
| xilinx | XC17S100A  | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S100L  |                |       |
| xilinx | XC17S100L  | [SOIC20]       | (119) |
| xilinx | XC17S100XL |                |       |
| xilinx | XC17S100XL | [SOIC20]       | (119) |
| xilinx | XC17S10L   |                |       |
| xilinx | XC17S10XL  |                |       |
| xilinx | XC17S10XL  | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S150A  |                |       |
| xilinx | XC17S150A  | [SOIC20]       | (119) |
| xilinx | XC17S150A  | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S150L  |                |       |
| xilinx | XC17S150L  | [SOIC20]       | (119) |
| xilinx | XC17S150XL |                |       |
| xilinx | XC17S150XL | [SOIC20]       | (119) |
| xilinx | XC17S15A   |                |       |
| xilinx | XC17S15A   | [SOIC20]       | (119) |
| xilinx | XC17S15A   | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S20    |                |       |
| xilinx | XC17S20    | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S200A  |                |       |
| xilinx | XC17S200A  | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S200A  | [VQFP44]       | (94)  |
| xilinx | XC17S20L   |                |       |
| xilinx | XC17S20L   | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S20XL  |                |       |
| xilinx | XC17S20XL  | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S30    |                |       |
| xilinx | XC17S30    | [SOIC8]        | (950) |
| xilinx | XC17S30    | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S300A  | [VQFP44]       | (94)  |
| xilinx | XC17S30A   |                |       |
| xilinx | XC17S30A   | [SOIC20]       | (119) |
| xilinx | XC17S30A   | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S30L   |                |       |
| xilinx | XC17S30XL  |                |       |
| xilinx | XC17S30XL  | [VOIC8/TSOP8]  | (950) |
| xilinx | XC17S40    |                |       |
| xilinx | XC17S40    | [SOIC20]       | (119) |
| xilinx | XC17S40L   |                |       |
| xilinx | XC17S40L   | [SOIC20]       | (119) |
| xilinx | XC17S40XL  |                |       |
| xilinx | XC17S40XL  | [SOIC20]       | (119) |
| xilinx | XC17S50A   |                |       |

|        |           |                  |       |
|--------|-----------|------------------|-------|
| xilinx | XC17S50A  | [SOIC20]         | (119) |
| xilinx | XC17S50A  | [VOIC8/TSOP8]    | (950) |
| xilinx | XC17S50L  |                  |       |
| xilinx | XC17S50L  | [SOIC20]         | (119) |
| xilinx | XC17S50XL |                  |       |
| xilinx | XC17S50XL | [SOIC20]         | (119) |
| xilinx | XC17V01   | [PLCC20]         | (47)  |
| xilinx | XC17V01   | [SOIC20]         | (119) |
| xilinx | XC17V01   | [SOIC8]          | (950) |
| xilinx | XC17V01   | [VOIC8/TSOP8]    | (950) |
| xilinx | XC17V02   | [PLCC20]         | (47)  |
| xilinx | XC17V02   | [PLCC44]         | (67)  |
| xilinx | XC17V02   | [VQFP44]         | (94)  |
| xilinx | XC17V04   | [PLCC20]         | (47)  |
| xilinx | XC17V04   | [PLCC44]         | (67)  |
| xilinx | XC17V04   | [VQFP44]         | (94)  |
| xilinx | XC17V08   | [PLCC44]         | (67)  |
| xilinx | XC17V08   | [VQFP44]         | (94)  |
| xilinx | XC17V16   | [PLCC44]         | (67)  |
| xilinx | XC17V16   | [VQFP44]         | (94)  |
| xilinx | XC18V01   | (ISP)            | (138) |
| xilinx | XC18V01   | (ISP-Jam)        | (138) |
| xilinx | XC18V01   | (ISP-SVF)        | (138) |
| xilinx | XC18V01   | [PLCC20]         | (47)  |
| xilinx | XC18V01   | [PLCC20] (Jam)   | (47)  |
| xilinx | XC18V01   | [PLCC20] (SVF)   | (47)  |
| xilinx | XC18V01   | [SOIC20]         | (119) |
| xilinx | XC18V01   | [SOIC20] (Jam)   | (119) |
| xilinx | XC18V01   | [SOIC20] (SVF)   | (119) |
| xilinx | XC18V01   | [VQFP44]         | (94)  |
| xilinx | XC18V01   | [VQFP44] (Jam)   | (94)  |
| xilinx | XC18V01   | [VQFP44] (SVF)   | (94)  |
| xilinx | XC18V02   | (ISP)            | (138) |
| xilinx | XC18V02   | (ISP-Jam)        | (138) |
| xilinx | XC18V02   | (ISP-SVF)        | (138) |
| xilinx | XC18V02   | [PLCC44]         | (67)  |
| xilinx | XC18V02   | [PLCC44] (Jam)   | (67)  |
| xilinx | XC18V02   | [PLCC44] (SVF)   | (67)  |
| xilinx | XC18V02   | [VQFP44]         | (94)  |
| xilinx | XC18V02   | [VQFP44] (Jam)   | (94)  |
| xilinx | XC18V02   | [VQFP44] (SVF)   | (94)  |
| xilinx | XC18V04   | (ISP)            | (138) |
| xilinx | XC18V04   | (ISP-Jam)        | (138) |
| xilinx | XC18V04   | (ISP-SVF)        | (138) |
| xilinx | XC18V04   | [PLCC44]         | (67)  |
| xilinx | XC18V04   | [PLCC44] (Jam)   | (67)  |
| xilinx | XC18V04   | [PLCC44] (SVF)   | (67)  |
| xilinx | XC18V04   | [VQFP44]         | (94)  |
| xilinx | XC18V04   | [VQFP44] (Jam)   | (94)  |
| xilinx | XC18V04   | [VQFP44] (SVF)   | (94)  |
| xilinx | XC18V128  | (ISP)            | (138) |
| xilinx | XC18V128  | [PLCC20]         | (47)  |
| xilinx | XC18V128  | [PLCC20] (Jam)   | (47)  |
| xilinx | XC18V128  | [PLCC20] (SVF)   | (47)  |
| xilinx | XC18V128  | [SOIC20]         | (119) |
| xilinx | XC18V128  | [SOIC20] (Jam)   | (119) |
| xilinx | XC18V128  | [SOIC20] (SVF)   | (119) |
| xilinx | XC18V256  | (ISP)            | (138) |
| xilinx | XC18V256  | (ISP-Jam)        | (138) |
| xilinx | XC18V256  | (ISP-SVF)        | (138) |
| xilinx | XC18V256  | [PLCC20]         | (47)  |
| xilinx | XC18V256  | [PLCC20] (Jam)   | (47)  |
| xilinx | XC18V256  | [PLCC20] (SVF)   | (47)  |
| xilinx | XC18V256  | [SOIC20]         | (119) |
| xilinx | XC18V256  | [SOIC20] (Jam)   | (119) |
| xilinx | XC18V256  | [SOIC20] (SVF)   | (119) |
| xilinx | XC18V256  | [VQFP44]         | (94)  |
| xilinx | XC18V256  | [VQFP44] (Jam)   | (94)  |
| xilinx | XC18V256  | [VQFP44] (SVF)   | (94)  |
| xilinx | XC18V512  | (ISP)            | (138) |
| xilinx | XC18V512  | (ISP-Jam)        | (138) |
| xilinx | XC18V512  | (ISP-SVF)        | (138) |
| xilinx | XC18V512  | [PLCC20]         | (47)  |
| xilinx | XC18V512  | [PLCC20] (Jam)   | (47)  |
| xilinx | XC18V512  | [PLCC20] (SVF)   | (47)  |
| xilinx | XC18V512  | [SOIC20]         | (119) |
| xilinx | XC18V512  | [SOIC20] (Jam)   | (119) |
| xilinx | XC18V512  | [SOIC20] (SVF)   | (119) |
| xilinx | XC18V512  | [VQFP44]         | (94)  |
| xilinx | XC18V512  | [VQFP44] (Jam)   | (94)  |
| xilinx | XC18V512  | [VQFP44] (SVF)   | (94)  |
| xilinx | XC2C128   | (ISP)            | (138) |
| xilinx | XC2C128   | (ISP-Jam)        | (138) |
| xilinx | XC2C128   | (ISP-SVF)        | (138) |
| xilinx | XC2C128   | [CP132]          | (787) |
| xilinx | XC2C128   | [CP132] (Jam)    | (787) |
| xilinx | XC2C128   | [CP132] (SVF)    | (787) |
| xilinx | XC2C128   | [TQFP144]        | (612) |
| xilinx | XC2C128   | [TQFP144] (Jam)  | (612) |
| xilinx | XC2C128   | [TQFP144] (SVF)  | (612) |
| xilinx | XC2C128   | [VQFP100]        | (176) |
| xilinx | XC2C128   | [VQFP100] (Jam)  | (176) |
| xilinx | XC2C128   | [VQFP100] (SVF)  | (176) |
| xilinx | XC2C256   | (ISP)            | (138) |
| xilinx | XC2C256   | (ISP-Jam)        | (138) |
| xilinx | XC2C256   | (ISP-SVF)        | (138) |
| xilinx | XC2C256   | [CP132]          | (787) |
| xilinx | XC2C256   | [CP132] (Jam)    | (787) |
| xilinx | XC2C256   | [CP132] (SVF)    | (787) |
| xilinx | XC2C256   | [FTBGA256]       | (779) |
| xilinx | XC2C256   | [FTBGA256] (Jam) | (779) |
| xilinx | XC2C256   | [FTBGA256] (SVF) | (779) |
| xilinx | XC2C256   | [PQFP208]        | (812) |
| xilinx | XC2C256   | [PQFP208] (Jam)  | (812) |
| xilinx | XC2C256   | [PQFP208] (SVF)  | (812) |
| xilinx | XC2C256   | [TQFP144]        | (612) |
| xilinx | XC2C256   | [TQFP144] (Jam)  | (612) |
| xilinx | XC2C256   | [TQFP144] (SVF)  | (612) |
| xilinx | XC2C256   | [VQFP100]        | (176) |
| xilinx | XC2C256   | [VQFP100] (Jam)  | (176) |
| xilinx | XC2C256   | [VQFP100] (SVF)  | (176) |
| xilinx | XC2C32    | (ISP)            | (138) |
| xilinx | XC2C32    | (ISP-Jam)        | (138) |
| xilinx | XC2C32    | (ISP-SVF)        | (138) |
| xilinx | XC2C32    | [CP56]           | (789) |
| xilinx | XC2C32    | [CP56] (Jam)     | (789) |
| xilinx | XC2C32    | [CP56] (SVF)     | (789) |
| xilinx | XC2C32    | [PLCC44]         | (67)  |
| xilinx | XC2C32    | [PLCC44] (Jam)   | (67)  |
| xilinx | XC2C32    | [PLCC44] (SVF)   | (67)  |
| xilinx | XC2C32    | [VQFP44]         | (94)  |
| xilinx | XC2C32    | [VQFP44] (Jam)   | (94)  |
| xilinx | XC2C32    | [VQFP44] (SVF)   | (94)  |
| xilinx | XC2C32A   | (ISP)            | (138) |
| xilinx | XC2C32A   | (ISP-Jam)        | (138) |
| xilinx | XC2C32A   | (ISP-SVF)        | (138) |
| xilinx | XC2C32A   | [CP56]           | (789) |
| xilinx | XC2C32A   | [CP56] (Jam)     | (789) |

|        |            |                     |              |
|--------|------------|---------------------|--------------|
| xilinx | XC2C32A    | [CP56] (SVF)        | (789)        |
| xilinx | XC2C32A    | [PLCC44]            | (67)         |
| xilinx | XC2C32A    | [PLCC44] (Jam)      | (67)         |
| xilinx | XC2C32A    | [PLCC44] (SVF)      | (67)         |
| xilinx | XC2C32A    | [QFG32]             | (221)        |
| xilinx | XC2C32A    | [QFG32] (Jam)       | (221)        |
| xilinx | XC2C32A    | [QFG32] (SVF)       | (221)        |
| xilinx | XC2C32A    | [QFN32]             | (221)        |
| xilinx | XC2C32A    | [QFN32] (Jam)       | (221)        |
| xilinx | XC2C32A    | [QFN32] (SVF)       | (221)        |
| xilinx | XC2C32A    | [VQFP44]            | (94)         |
| xilinx | XC2C32A    | [VQFP44] (Jam)      | (94)         |
| xilinx | XC2C32A    | [VQFP44] (SVF)      | (94)         |
| xilinx | XC2C32A    | as XC2C32 [ISP]     | (138)        |
| xilinx | XC2C32A    | as XC2C32 [CP56]    | (789)        |
| xilinx | XC2C32A    | as XC2C32 [PLCC44]  | (67)         |
| xilinx | XC2C32A    | as XC2C32 [QFG32]   | (221)        |
| xilinx | XC2C32A    | as XC2C32 [QFN32]   | (221)        |
| xilinx | XC2C32A    | as XC2C32 [VQFP44]  | (94)         |
| xilinx | XC2C384    | (ISP)               | (138)        |
| xilinx | XC2C384    | (ISP-Jam)           | (138)        |
| xilinx | XC2C384    | (ISP-SVF)           | (138)        |
| xilinx | XC2C384    | [FBGA324]           | (1175)       |
| xilinx | XC2C384    | [FBGA324] (Jam)     | (1175)       |
| xilinx | XC2C384    | [FBGA324] (SVF)     | (1175)       |
| xilinx | XC2C384    | [FTBGA256]          | (779)        |
| xilinx | XC2C384    | [FTBGA256] (Jam)    | (779)        |
| xilinx | XC2C384    | [FTBGA256] (SVF)    | (779)        |
| xilinx | XC2C384    | [PQFP208]           | (812)        |
| xilinx | XC2C384    | [PQFP208] (Jam)     | (812)        |
| xilinx | XC2C384    | [PQFP208] (SVF)     | (812)        |
| xilinx | XC2C384    | [TQFP144]           | (612)        |
| xilinx | XC2C384    | [TQFP144] (Jam)     | (612)        |
| xilinx | XC2C384    | [TQFP144] (SVF)     | (612)        |
| xilinx | XC2C512    | (ISP)               | (138)        |
| xilinx | XC2C512    | (ISP-Jam)           | (138)        |
| xilinx | XC2C512    | (ISP-SVF)           | (138)        |
| xilinx | XC2C512    | [FBGA324]           | (1175)       |
| xilinx | XC2C512    | [FBGA324] (Jam)     | (1175)       |
| xilinx | XC2C512    | [FBGA324] (SVF)     | (1175)       |
| xilinx | XC2C512    | [FTBGA256]          | (779)        |
| xilinx | XC2C512    | [FTBGA256] (Jam)    | (779)        |
| xilinx | XC2C512    | [FTBGA256] (SVF)    | (779)        |
| xilinx | XC2C512    | [PQFP208]           | (812)        |
| xilinx | XC2C512    | [PQFP208] (Jam)     | (812)        |
| xilinx | XC2C512    | [PQFP208] (SVF)     | (812)        |
| xilinx | XC2C64     | (ISP)               | (138)        |
| xilinx | XC2C64     | (ISP-Jam)           | (138)        |
| xilinx | XC2C64     | (ISP-SVF)           | (138)        |
| xilinx | XC2C64     | [CP56]              | (789)        |
| xilinx | XC2C64     | [CP56] (Jam)        | (789)        |
| xilinx | XC2C64     | [CP56] (SVF)        | (789)        |
| xilinx | XC2C64     | [PLCC44]            | (67)         |
| xilinx | XC2C64     | [PLCC44] (Jam)      | (67)         |
| xilinx | XC2C64     | [PLCC44] (SVF)      | (67)         |
| xilinx | XC2C64     | [VQFP100]           | (176)        |
| xilinx | XC2C64     | [VQFP100] (Jam)     | (176)        |
| xilinx | XC2C64     | [VQFP100] (SVF)     | (176)        |
| xilinx | XC2C64     | [VQFP44]            | (94)         |
| xilinx | XC2C64     | [VQFP44] (Jam)      | (94)         |
| xilinx | XC2C64     | [VQFP44] (SVF)      | (94)         |
| xilinx | XC2C64A    | (ISP)               | (138)        |
| xilinx | XC2C64A    | (ISP-Jam)           | (138)        |
| xilinx | XC2C64A    | (ISP-SVF)           | (138)        |
| xilinx | XC2C64A    | [CP56]              | (789)        |
| xilinx | XC2C64A    | [CP56] (Jam)        | (789)        |
| xilinx | XC2C64A    | [CP56] (SVF)        | (789)        |
| xilinx | XC2C64A    | [PLCC44]            | (67)         |
| xilinx | XC2C64A    | [PLCC44] (Jam)      | (67)         |
| xilinx | XC2C64A    | [PLCC44] (SVF)      | (67)         |
| xilinx | XC2C64A    | [QFG48]             | (567)        |
| xilinx | XC2C64A    | [QFG48] (Jam)       | (567)        |
| xilinx | XC2C64A    | [QFG48] (SVF)       | (567)        |
| xilinx | XC2C64A    | [QFN48]             | (567)        |
| xilinx | XC2C64A    | [QFN48] (Jam)       | (567)        |
| xilinx | XC2C64A    | [QFN48] (SVF)       | (567)        |
| xilinx | XC2C64A    | [VQFP100]           | (176)        |
| xilinx | XC2C64A    | [VQFP100] (Jam)     | (176)        |
| xilinx | XC2C64A    | [VQFP100] (SVF)     | (176)        |
| xilinx | XC2C64A    | [VQFP44]            | (94)         |
| xilinx | XC2C64A    | [VQFP44] (Jam)      | (94)         |
| xilinx | XC2C64A    | [VQFP44] (SVF)      | (94)         |
| xilinx | XC2C64A    | as XC2C64 (ISP)     | (138)        |
| xilinx | XC2C64A    | as XC2C64 [CP56]    | (789)        |
| xilinx | XC2C64A    | as XC2C64 [PLCC44]  | (67)         |
| xilinx | XC2C64A    | as XC2C64 [QFG48]   | (567)        |
| xilinx | XC2C64A    | as XC2C64 [QFN48]   | (567)        |
| xilinx | XC2C64A    | as XC2C64 [VQFP100] | (176)        |
| xilinx | XC2C64A    | as XC2C64 [VQFP44]  | (94)         |
| xilinx | XC3S1400AN | (ISP-SVF)           | (138) (9997) |
| xilinx | XC3S1400AN | [FBGA676]           | (1559)       |
| xilinx | XC3S1400AN | [FBGA676] (SVF)     | (1559)       |
| xilinx | XC3S200AN  | (ISP-SVF)           | (138) (9997) |
| xilinx | XC3S200AN  | [FTBGA256]          | (948)        |
| xilinx | XC3S200AN  | [FTBGA256] (SVF)    | (948)        |
| xilinx | XC3S400AN  | (ISP-SVF)           | (138) (9997) |
| xilinx | XC3S400AN  | [FBGA400]           | (1423)       |
| xilinx | XC3S400AN  | [FBGA400] (SVF)     | (1423)       |
| xilinx | XC3S400AN  | [FTBGA256]          | (948)        |
| xilinx | XC3S400AN  | [FTBGA256] (SVF)    | (948)        |
| xilinx | XC3S50AN   | (ISP-SVF)           | (138) (9997) |
| xilinx | XC3S50AN   | [FTBGA256]          | (948)        |
| xilinx | XC3S50AN   | [FTBGA256] (SVF)    | (948)        |
| xilinx | XC3S50AN   | [TQFP144]           | (1085)       |
| xilinx | XC3S50AN   | [TQFP144] (SVF)     | (1085)       |
| xilinx | XC3S700AN  | (ISP-SVF)           | (138) (9997) |
| xilinx | XC3S700AN  | [FBGA484]           | (1177)       |
| xilinx | XC3S700AN  | [FBGA484] (SVF)     | (1177)       |
| xilinx | XC95108    | (ISP-Jam)           | (138)        |
| xilinx | XC95108    | (ISP-SVF)           | (138)        |
| xilinx | XC95108    | [PLCC84]            | (89)         |
| xilinx | XC95108    | [PLCC84] (Jam)      | (89)         |
| xilinx | XC95108    | [PLCC84] (SVF)      | (89)         |
| xilinx | XC95108    | [PQFP100]           | (161)        |
| xilinx | XC95108    | [PQFP100] (Jam)     | (161)        |
| xilinx | XC95108    | [PQFP100] (SVF)     | (161)        |
| xilinx | XC95108    | [PQFP160]           | (1127)       |
| xilinx | XC95108    | [PQFP160] (Jam)     | (1127)       |
| xilinx | XC95108    | [PQFP160] (SVF)     | (1127)       |
| xilinx | XC95108    | [TQFP100]           | (176)        |
| xilinx | XC95108    | [TQFP100] (Jam)     | (176)        |
| xilinx | XC95108    | [TQFP100] (SVF)     | (176)        |
| xilinx | XC95144    | (ISP-Jam)           | (138)        |
| xilinx | XC95144    | (ISP-SVF)           | (138)        |
| xilinx | XC95144    | [PQFP100]           | (161)        |
| xilinx | XC95144    | [PQFP100] (Jam)     | (161)        |
| xilinx | XC95144    | [PQFP100] (SVF)     | (161)        |
| xilinx | XC95144    | [PQFP160]           | (1127)       |



|        |           |                          |        |
|--------|-----------|--------------------------|--------|
| xilinx | XC95144   | [PQFP160] (Jam)          | (1127) |
| xilinx | XC95144   | [PQFP160] (SVF)          | (1127) |
| xilinx | XC95144   | [TQFP100]                | (176)  |
| xilinx | XC95144   | [TQFP100] (Jam)          | (176)  |
| xilinx | XC95144   | [TQFP100] (SVF)          | (176)  |
| xilinx | XC95144XL | (ISP-Jam)                | (138)  |
| xilinx | XC95144XL | (ISP-SVF)                | (138)  |
| xilinx | XC95144XL | [Flex Tape CSP144]       | (949)  |
| xilinx | XC95144XL | [Flex Tape CSP144] (Jam) | (949)  |
| xilinx | XC95144XL | [Flex Tape CSP144] (SVF) | (949)  |
| xilinx | XC95144XL | [Laminate CSP144]        | (949)  |
| xilinx | XC95144XL | [Laminate CSP144] (Jam)  | (949)  |
| xilinx | XC95144XL | [Laminate CSP144] (SVF)  | (949)  |
| xilinx | XC95144XL | [TQFP100]                | (176)  |
| xilinx | XC95144XL | [TQFP100] (Jam)          | (176)  |
| xilinx | XC95144XL | [TQFP100] (SVF)          | (176)  |
| xilinx | XC95144XL | [TQFP144]                | (612)  |
| xilinx | XC95144XL | [TQFP144] (Jam)          | (612)  |
| xilinx | XC95144XL | [TQFP144] (SVF)          | (612)  |
| xilinx | XC95144XV | (ISP-Jam)                | (138)  |
| xilinx | XC95144XV | (ISP-SVF)                | (138)  |
| xilinx | XC95144XV | [Flex Tape CSP144]       | (949)  |
| xilinx | XC95144XV | [Flex Tape CSP144] (Jam) | (949)  |
| xilinx | XC95144XV | [Flex Tape CSP144] (SVF) | (949)  |
| xilinx | XC95144XV | [Laminate CSP144]        | (949)  |
| xilinx | XC95144XV | [Laminate CSP144] (Jam)  | (949)  |
| xilinx | XC95144XV | [Laminate CSP144] (SVF)  | (949)  |
| xilinx | XC95144XV | [TQFP100]                | (176)  |
| xilinx | XC95144XV | [TQFP100] (Jam)          | (176)  |
| xilinx | XC95144XV | [TQFP100] (SVF)          | (176)  |
| xilinx | XC95144XV | [TQFP144]                | (612)  |
| xilinx | XC95144XV | [TQFP144] (Jam)          | (612)  |
| xilinx | XC95144XV | [TQFP144] (SVF)          | (612)  |
| xilinx | XC95216   | (ISP-Jam)                | (138)  |
| xilinx | XC95216   | (ISP-SVF)                | (138)  |
| xilinx | XC95216   | [HQFP208]                | (813)  |
| xilinx | XC95216   | [HQFP208] (Jam)          | (813)  |
| xilinx | XC95216   | [HQFP208] (SVF)          | (813)  |
| xilinx | XC95216   | [PQFP160]                | (1127) |
| xilinx | XC95216   | [PQFP160] (Jam)          | (1127) |
| xilinx | XC95216   | [PQFP160] (SVF)          | (1127) |
| xilinx | XC95288   | (ISP-Jam)                | (138)  |
| xilinx | XC95288   | (ISP-SVF)                | (138)  |
| xilinx | XC95288   | [HQFP208]                | (813)  |
| xilinx | XC95288   | [HQFP208] (Jam)          | (813)  |
| xilinx | XC95288   | [HQFP208] (SVF)          | (813)  |
| xilinx | XC95288XL | (ISP-Jam)                | (138)  |
| xilinx | XC95288XL | (ISP-SVF)                | (138)  |
| xilinx | XC95288XL | [FBGA256]                | (786)  |
| xilinx | XC95288XL | [FBGA256] (Jam)          | (786)  |
| xilinx | XC95288XL | [FBGA256] (SVF)          | (786)  |
| xilinx | XC95288XL | [PQFP208]                | (813)  |
| xilinx | XC95288XL | [PQFP208] (Jam)          | (813)  |
| xilinx | XC95288XL | [PQFP208] (SVF)          | (813)  |
| xilinx | XC95288XL | [TQFP144]                | (612)  |
| xilinx | XC95288XL | [TQFP144] (Jam)          | (612)  |
| xilinx | XC95288XL | [TQFP144] (SVF)          | (612)  |
| xilinx | XC95288XV | (ISP-Jam)                | (138)  |
| xilinx | XC95288XV | (ISP-SVF)                | (138)  |
| xilinx | XC95288XV | [FBGA256]                | (786)  |
| xilinx | XC95288XV | [FBGA256] (Jam)          | (786)  |
| xilinx | XC95288XV | [FBGA256] (SVF)          | (786)  |
| xilinx | XC95288XV | [PQFP208]                | (813)  |
| xilinx | XC95288XV | [PQFP208] (Jam)          | (813)  |
| xilinx | XC95288XV | [PQFP208] (SVF)          | (813)  |
| xilinx | XC95288XV | [TQFP144]                | (612)  |
| xilinx | XC95288XV | [TQFP144] (Jam)          | (612)  |
| xilinx | XC95288XV | [TQFP144] (SVF)          | (612)  |
| xilinx | XC9536    | (ISP-Jam)                | (138)  |
| xilinx | XC9536    | (ISP-SVF)                | (138)  |
| xilinx | XC9536    | [CSP48]                  | (744)  |
| xilinx | XC9536    | [CSP48] (Jam)            | (744)  |
| xilinx | XC9536    | [CSP48] (SVF)            | (744)  |
| xilinx | XC9536    | [PLCC44]                 | (67)   |
| xilinx | XC9536    | [PLCC44] (Jam)           | (67)   |
| xilinx | XC9536    | [PLCC44] (SVF)           | (67)   |
| xilinx | XC9536    | [VQFP44]                 | (94)   |
| xilinx | XC9536    | [VQFP44] (Jam)           | (94)   |
| xilinx | XC9536    | [VQFP44] (SVF)           | (94)   |
| xilinx | XC9536XL  | (ISP-Jam)                | (138)  |
| xilinx | XC9536XL  | (ISP-SVF)                | (138)  |
| xilinx | XC9536XL  | [CSP48]                  | (744)  |
| xilinx | XC9536XL  | [CSP48] (Jam)            | (744)  |
| xilinx | XC9536XL  | [CSP48] (SVF)            | (744)  |
| xilinx | XC9536XL  | [PLCC44]                 | (67)   |
| xilinx | XC9536XL  | [PLCC44] (Jam)           | (67)   |
| xilinx | XC9536XL  | [PLCC44] (SVF)           | (67)   |
| xilinx | XC9536XL  | [VQFP44]                 | (94)   |
| xilinx | XC9536XL  | [VQFP44] (Jam)           | (94)   |
| xilinx | XC9536XL  | [VQFP44] (SVF)           | (94)   |
| xilinx | XC9536XL  | [VQFP64]                 | (588)  |
| xilinx | XC9536XL  | [VQFP64] (Jam)           | (588)  |
| xilinx | XC9536XL  | [VQFP64] (SVF)           | (588)  |
| xilinx | XC9536XV  | (ISP-Jam)                | (138)  |
| xilinx | XC9536XV  | (ISP-SVF)                | (138)  |
| xilinx | XC9536XV  | [CSP48]                  | (744)  |
| xilinx | XC9536XV  | [CSP48] (Jam)            | (744)  |
| xilinx | XC9536XV  | [CSP48] (SVF)            | (744)  |
| xilinx | XC9536XV  | [PLCC44]                 | (67)   |
| xilinx | XC9536XV  | [PLCC44] (Jam)           | (67)   |
| xilinx | XC9536XV  | [PLCC44] (SVF)           | (67)   |
| xilinx | XC9536XV  | [VQFP44]                 | (94)   |
| xilinx | XC9536XV  | [VQFP44] (Jam)           | (94)   |
| xilinx | XC9536XV  | [VQFP44] (SVF)           | (94)   |
| xilinx | XC9572    | (ISP-Jam)                | (138)  |
| xilinx | XC9572    | (ISP-SVF)                | (138)  |
| xilinx | XC9572    | [PLCC44]                 | (67)   |
| xilinx | XC9572    | [PLCC44] (Jam)           | (67)   |
| xilinx | XC9572    | [PLCC44] (SVF)           | (67)   |
| xilinx | XC9572    | [PLCC84]                 | (89)   |
| xilinx | XC9572    | [PLCC84] (Jam)           | (89)   |
| xilinx | XC9572    | [PLCC84] (SVF)           | (89)   |
| xilinx | XC9572    | [PQFP100]                | (161)  |
| xilinx | XC9572    | [PQFP100] (Jam)          | (161)  |
| xilinx | XC9572    | [PQFP100] (SVF)          | (161)  |
| xilinx | XC9572    | [TQFP100]                | (176)  |
| xilinx | XC9572    | [TQFP100] (Jam)          | (176)  |
| xilinx | XC9572    | [TQFP100] (SVF)          | (176)  |
| xilinx | XC9572XL  | (ISP-Jam)                | (138)  |
| xilinx | XC9572XL  | (ISP-SVF)                | (138)  |
| xilinx | XC9572XL  | [CSP48]                  | (744)  |
| xilinx | XC9572XL  | [CSP48] (Jam)            | (744)  |
| xilinx | XC9572XL  | [CSP48] (SVF)            | (744)  |
| xilinx | XC9572XL  | [PLCC44]                 | (67)   |
| xilinx | XC9572XL  | [PLCC44] (Jam)           | (67)   |
| xilinx | XC9572XL  | [PLCC44] (SVF)           | (67)   |
| xilinx | XC9572XL  | [TQFP100]                | (176)  |

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|        |            |                       |              |
|--------|------------|-----------------------|--------------|
| xilinx | XCR3256XL  | (ISP)                 | (138)        |
| xilinx | XCR3256XL  | (ISP-Jam)             | (138)        |
| xilinx | XCR3256XL  | (ISP-SVF)             | (138)        |
| xilinx | XCR3256XL  | [FTBGA256]            | (778)        |
| xilinx | XCR3256XL  | [FTBGA256] (Jam)      | (778)        |
| xilinx | XCR3256XL  | [FTBGA256] (SVF)      | (778)        |
| xilinx | XCR3256XL  | [PQFP208]             | (814)        |
| xilinx | XCR3256XL  | [PQFP208] (Jam)       | (814)        |
| xilinx | XCR3256XL  | [PQFP208] (SVF)       | (814)        |
| xilinx | XCR3256XL  | [TQFP144]             | (696)        |
| xilinx | XCR3256XL  | [TQFP144] (Jam)       | (696)        |
| xilinx | XCR3256XL  | [TQFP144] (SVF)       | (696)        |
| xilinx | XCR3384XL  | (ISP)                 | (138)        |
| xilinx | XCR3384XL  | (ISP-Jam)             | (138)        |
| xilinx | XCR3384XL  | (ISP-SVF)             | (138)        |
| xilinx | XCR3384XL  | [FBGA324]             | (1484)       |
| xilinx | XCR3384XL  | [FBGA324] (Jam)       | (1484)       |
| xilinx | XCR3384XL  | [FBGA324] (SVF)       | (1484)       |
| xilinx | XCR3384XL  | [FTBGA256]            | (778)        |
| xilinx | XCR3384XL  | [FTBGA256] (Jam)      | (778)        |
| xilinx | XCR3384XL  | [FTBGA256] (SVF)      | (778)        |
| xilinx | XCR3384XL  | [PQFP208]             | (814)        |
| xilinx | XCR3384XL  | [PQFP208] (Jam)       | (814)        |
| xilinx | XCR3384XL  | [PQFP208] (SVF)       | (814)        |
| xilinx | XCR3384XL  | [TQFP144]             | (696)        |
| xilinx | XCR3384XL  | [TQFP144] (Jam)       | (696)        |
| xilinx | XCR3384XL  | [TQFP144] (SVF)       | (696)        |
| xilinx | XCR3512XL  | (ISP)                 | (138)        |
| xilinx | XCR3512XL  | (ISP-Jam)             | (138)        |
| xilinx | XCR3512XL  | (ISP-SVF)             | (138)        |
| xilinx | XCR3512XL  | [FBGA324]             | (1484)       |
| xilinx | XCR3512XL  | [FBGA324] (Jam)       | (1484)       |
| xilinx | XCR3512XL  | [FBGA324] (SVF)       | (1484)       |
| xilinx | XCR3512XL  | [FTBGA256]            | (778)        |
| xilinx | XCR3512XL  | [FTBGA256] (Jam)      | (778)        |
| xilinx | XCR3512XL  | [FTBGA256] (SVF)      | (778)        |
| xilinx | XCR3512XL  | [PQFP208]             | (814)        |
| xilinx | XCR3512XL  | [PQFP208] (Jam)       | (814)        |
| xilinx | XCR3512XL  | [PQFP208] (SVF)       | (814)        |
| xilinx | XCR5032    | [PLCC44]              | (67)         |
| xilinx | XCR5032    | [VQFP44]              | (94)         |
| xilinx | XCR5064    | [PLCC44]              | (67)         |
| xilinx | XCR5064    | [PLCC68]              | (77)         |
| xilinx | XCR5064    | [PLCC84]              | (88)         |
| xilinx | XCR5064    | [VQFP44]              | (94)         |
| xilinx | XCR5064C   | [PLCC44]              | (67)         |
| xilinx | XCR5064C   | [VQFP44]              | (94)         |
| xilinx | XCR5128    | [PLCC84]              | (88)         |
| xilinx | XCR5128    | [VQFP100]             | (162)        |
| xilinx | XQ1701L    | [CC44]                | (67)         |
| xilinx | XQ1701L    | [SOIC20]              | (119)        |
| xilinx | XQ1704L    | [CC44]                | (67)         |
| xilinx | XQ1704L    | [PLCC44]              | (67)         |
| xilinx | XQ17V16    | [CC44]                | (67)         |
| xilinx | XQ17V16    | [VQFP44]              | (94)         |
| xilinx | XQ18V04    | (ISP)                 | (138)        |
| xilinx | XQ18V04    | [VQFP44]              | (94)         |
| xilinx | XQF32P     | (ISP)                 | (138)        |
| xilinx | XQF32P     | [TSOP48]              | (57)         |
| xilinx | XQR1701L   | [CC44]                | (67)         |
| xilinx | XQR17V16   | [CC44]                | (67)         |
| xilinx | XQR17V16   | [CK44]                | (4764)       |
| xilinx | XQR17V16   | [VQFP44]              | (94)         |
| xilinx | XQR18V04   | (ISP)                 | (138)        |
| xilinx | XQR18V04   | [CC44]                | (67)         |
| xmc    | XM25QH128A | (ISP)                 | (138) (9997) |
| xmc    | XM25QH128A | [SOP8-208]            | (3087) (*1)  |
| xmc    | XM25QH128A | [SOP8-208] (QuadSPI)  | (3087) (*1)  |
| xmc    | XM25QH16B  | (ISP)                 | (138)        |
| xmc    | XM25QH16B  | [DFN8 5x6]            | (4117) (*1)  |
| xmc    | XM25QH16B  | [DFN8 8x6]            | (3926) (*1)  |
| xmc    | XM25QH16B  | [SOIC8-208]           | (3087) (*1)  |
| xmc    | XM25QH16B  | [SOP8-150]            | (3094) (*1)  |
| xmc    | XM25QH16B  | [VSOP8-150]           | (3094) (*1)  |
| xmc    | XM25QH16B  | [VSOP8-200]           | (3087) (*1)  |
| xmc    | XM25QH20B  | [SOP8-150]            | (3094) (*1)  |
| xmc    | XM25QH256B | [SOP16] (QuadSPI)     | (3100) (*1)  |
| xmc    | XM25QH32B  | (ISP)                 | (138) (9997) |
| xmc    | XM25QH32B  | [SOIC8-208]           | (3087) (*1)  |
| xmc    | XM25QH32B  | [SOIC8-208] (QuadSPI) | (3087) (*1)  |
| xmc    | XM25QH32B  | [VSOP8-200]           | (3087) (*1)  |
| xmc    | XM25QH32B  | [VSOP8-200] (QuadSPI) | (3087) (*1)  |
| xmc    | XM25QH40B  | [SOP8-150]            | (3094) (*1)  |
| xmc    | XM25QH64A  | (ISP)                 | (138) (9997) |
| xmc    | XM25QH64A  | [SOP8-208]            | (3087) (*1)  |
| xmc    | XM25QH64A  | [SOP8-208] (QuadSPI)  | (3087) (*1)  |
| xmc    | XM25QH80B  | [SOP8-150]            | (3094) (*1)  |
| xmc    | XM25QU20B  | [SOP8-150]            | (3094) (*1)  |
| xmc    | XM25QU256B | [wSON8 8x6] (QuadSPI) | (3926) (*1)  |
| xmc    | XM25QU40B  | [SOP8-150]            | (3094) (*1)  |
| xmc    | XM25QU64A  | (ISP)                 | (138) (9997) |
| xmc    | XM25QU64A  | [DFN8 5x6]            | (4117) (*1)  |
| xmc    | XM25QU64A  | [DFN8 5x6] (QuadSPI)  | (4117) (*1)  |
| xmc    | XM25QU64A  | [DFN8 8x6]            | (3926) (*1)  |
| xmc    | XM25QU64A  | [DFN8 8x6] (QuadSPI)  | (3926) (*1)  |
| xmc    | XM25QU64A  | [SOP8-208]            | (3087) (*1)  |
| xmc    | XM25QU64A  | [SOP8-208] (QuadSPI)  | (3087) (*1)  |
| xtx    | FT25H08    | [SOP8-150]            | (3094) (*1)  |
| xtx    | FT25L08    | [SOP8-150]            | (3094) (*1)  |
| xtx    | PN24C02A   |                       |              |
| xtx    | PN24C02A   | (ISP)                 | (138)        |
| xtx    | PN24C02A   | [SOP8]                | (950)        |
| xtx    | PN24C02A   | [SOT23-5]             | (523)        |
| xtx    | PN24C02A   | [TDFN8-2x3]           | (2995)       |
| xtx    | PN24C02A   | [TSSOP8]              | (121)        |
| xtx    | PN24C02B   |                       |              |
| xtx    | PN24C02B   | (ISP)                 | (138)        |
| xtx    | PN24C02B   | [SOP8]                | (950)        |
| xtx    | PN24C02B   | [SOT23-5]             | (523)        |
| xtx    | PN24C02B   | [TSSOP8]              | (121)        |
| xtx    | PN24C02B   | [UDFN8-2x3]           | (4538)       |
| xtx    | PN24C04A   | (ISP)                 | (138)        |
| xtx    | PN24C04A   | [SOP8]                | (950)        |
| xtx    | PN24C04A   | [TSSOP8]              | (121)        |
| xtx    | PN24C08A   | (ISP)                 | (138)        |
| xtx    | PN24C08A   | [SOP8]                | (950)        |
| xtx    | PN24C08A   | [TSSOP8]              | (121)        |
| xtx    | PN24C128A  |                       |              |
| xtx    | PN24C128A  | (ISP)                 | (138)        |
| xtx    | PN24C128A  | [SOP8]                | (950)        |
| xtx    | PN24C128A  | [TDFN8-2x3]           | (2995)       |
| xtx    | PN24C128A  | [TSSOP8]              | (121)        |
| xtx    | PN24C16A   | (ISP)                 | (138)        |
| xtx    | PN24C16A   | [SOP8]                | (950)        |
| xtx    | PN24C16A   | [TSSOP8]              | (121)        |
| xtx    | PN24C256A  |                       |              |
| xtx    | PN24C256A  | (ISP)                 | (138)        |
| xtx    | PN24C256A  | [SOP8]                | (950)        |

|                    |                 |                      |               |
|--------------------|-----------------|----------------------|---------------|
| XTX                | PN24C256A       | [TDFN8-2x3]          | (2995)        |
| XTX                | PN24C256A       | [TSSOP8]             | (121)         |
| XTX                | PN24C32A        |                      |               |
| XTX                | PN24C32A        | (ISP)                | (138)         |
| XTX                | PN24C32A        | [SOP8]               | (950)         |
| XTX                | PN24C32A        | [TDFN8-2x3]          | (2995)        |
| XTX                | PN24C32A        | [TSSOP8]             | (121)         |
| XTX                | PN24C512A       |                      |               |
| XTX                | PN24C512A       | (ISP)                | (138)         |
| XTX                | PN24C512A       | [SOP8]               | (950)         |
| XTX                | PN24C512A       | [TDFN8-2x3]          | (2995)        |
| XTX                | PN24C512A       | [TSSOP8]             | (121)         |
| XTX                | PN24C64A        |                      |               |
| XTX                | PN24C64A        | (ISP)                | (138)         |
| XTX                | PN24C64A        | [SOP8]               | (950)         |
| XTX                | PN24C64A        | [TDFN8-2x3]          | (2995)        |
| XTX                | PN24C64A        | [TSSOP8]             | (121)         |
| XTX                | PN25F04         | [SOP8-150]           | (3094) (*1)   |
| XTX                | PN25F04A        | [SOP8-150]           | (3094) (*1)   |
| XTX                | PN25F04C        | [DFN8 2x3]           | (3935) (*1)   |
| XTX                | PN25F04C        | [SOP8-150]           | (3094) (*1)   |
| XTX                | PN25F04C        | [TSSOP8]             | (3935) (*1)   |
| XTX                | PN25F08         |                      |               |
| XTX                | PN25F08         | [DFN8 2x3]           | (3935) (*1)   |
| XTX                | PN25F08         | [SOP8-150]           | (3094) (*1)   |
| XTX                | PN25F08         | [TSSOP8]             | (1388)        |
| XTX                | PN25F08B        | [DFN8 2x3]           | (3935) (*1)   |
| XTX                | PN25F08B        | [SOP8-150]           | (3094) (*1)   |
| XTX                | PN25F08B        | [SOP8-200]           | (3087) (*1)   |
| XTX                | PN25F08B        | [TSSOP8]             | (1388)        |
| XTX                | PN25F128B       | [SOP8-200]           | (3087) (*1)   |
| XTX                | PN25F128B       | [WSON8 6x8]          | (3926) (*1)   |
| XTX                | PN25F16         | [SOP8-150]           | (3094) (*1)   |
| XTX                | PN25F16         | [SOP8-208]           | (3087) (*1)   |
| XTX                | PN25F16B        | [SOP8-150]           | (3094) (*1)   |
| XTX                | PN25F16B        | [SOP8-200]           | (3087) (*1)   |
| XTX                | PN25F16B        | [TSSOP8]             | (1388) (9999) |
| XTX                | PN25F16B        | [USON8 2x3]          | (3935) (*1)   |
| XTX                | PN25F32         | [SOP8-208]           | (3087) (*1)   |
| XTX                | PN25F64B        | [BGA24]              | (1268) (*1)   |
| XTX                | PN25F64B        | [SOP8-200]           | (3087) (*1)   |
| XTX                | PN25F64B        | [WSON8 5x6]          | (4117) (*1)   |
| XTX                | PN26G01A        | [TFBGA24]            | (3128)        |
| XTX                | PN26G01A        | [WSON8]              | (4914) (*1)   |
| XTX                | PN26G02A        | [TFBGA24]            | (3128)        |
| XTX                | PN26G02A        | [WSON8]              | (4914) (*1)   |
| XTX                | PN26Q01A        | [WSON8]              | (4971)        |
| XTX                | PN26Q02A        | [WSON8]              | (4971)        |
| XTX                | PN611G8C2TA-Bx0 | [BGA162]             | (3366)        |
| XTX                | PN612G8C2TA-BxB | [BGA162]             | (3366)        |
| XTX                | PN612G8D2TE-BxB | [BGA162]             | (3366)        |
| XTX                | PN614G8D2TE-BxB | [BGA162]             | (3366)        |
| XTX                | XT25F01B        | [SOP8-150]           | (3094) (*1)   |
| XTX                | XT25F01B        | [SOP8-200]           | (3087) (*1)   |
| XTX                | XT25F01D        | (ISP)                | (138) (9997)  |
| XTX                | XT25F01D        | [DFN8 2x3]           | (3935) (*1)   |
| XTX                | XT25F02B        | [SOP8-150]           | (3094) (*1)   |
| XTX                | XT25F02B        | [SOP8-200]           | (3087) (*1)   |
| XTX                | XT25F04B        | [SOP8-150]           | (3094) (*1)   |
| XTX                | XT25F04B        | [SOP8-200]           | (3087) (*1)   |
| XTX                | XT25F08B        | [SOP8-150]           | (3094) (*1)   |
| XTX                | XT25F08B        | [SOP8-200]           | (3087) (*1)   |
| XTX                | XT25F128A       | [SOP8-200]           | (3087) (*1)   |
| XTX                | XT25F128B       | [SOP8-208]           | (3087) (*1)   |
| XTX                | XT25F128B       | [SOP8-208] (QuadSPI) | (3087) (*1)   |
| XTX                | XT25F16B        | [SOP8-150]           | (3094) (*1)   |
| XTX                | XT25F16B        | [SOP8-200]           | (3087) (*1)   |
| XTX                | XT25F16B        | [USON8 2x3]          | (3934) (*1)   |
| XTX                | XT25F32B        | [QuadSPI] [SOP8-200] | (3087) (*1)   |
| XTX                | XT25F32B        | [DFN8 2x3]           | (3934) (*1)   |
| XTX                | XT25F32B        | [DFN8 2x3] (QuadSPI) | (3934) (*1)   |
| XTX                | XT25F64B        | [QuadSPI] [SOP8-200] | (3087) (*1)   |
| XTX                | XT25Q01B        | [SOP8-150]           | (3094) (*1)   |
| XTX                | XT25Q01B        | [SOP8-200]           | (3087) (*1)   |
| XTX                | XT25Q02B        | [SOP8-150]           | (3094) (*1)   |
| XTX                | XT25Q02B        | [SOP8-200]           | (3087) (*1)   |
| XTX                | XT25Q04B        | [SOP8-150]           | (3094) (*1)   |
| XTX                | XT25Q04B        | [SOP8-200]           | (3087) (*1)   |
| XTX                | XT25Q08B        | [SOP8-150]           | (3094) (*1)   |
| XTX                | XT25Q08B        | [SOP8-200]           | (3087) (*1)   |
| XTX                | XT25Q32B        | [SOP8-200]           | (3087) (*1)   |
| XTX                | XT26G01AWS      | [WSON8]              | (4914) (*1)   |
| XTX                | XT26G02AWS      | [WSON8]              | (4914) (*1)   |
| XTX                | XT26G02BWS      | [WSON8]              | (4914) (*1)   |
| XTX                | XT26G04AWS      | [WSON8]              | (4914) (*1)   |
| XTX                | XTSD01GLGxxx    | [LGA8]               | (3927)        |
| XTX                | XTSD02GLGxxx    | [LGA8]               | (3927)        |
| XTX                | XTSD04GLGxxx    | [LGA8]               | (3927)        |
| XTX                | XTSD08GLGxxx    | [LGA8]               | (3927)        |
| YMC                | Y24LC02         |                      |               |
| YMC                | Y24LC02         | (ISP)                | (138)         |
| YMC                | Y24LC02         | [SOIC8]              | (950)         |
| YMC                | Y24LC02         | [TSSOP8]             | (121)         |
| YMC                | Y25LF05         | [SOIC8]              | (3095) (*1)   |
| YMC                | Y25LF256        | [SOIC8]              | (3095) (*1)   |
| YMC                | Y54LC64         |                      |               |
| YMC                | Y54LC64         | (ISP)                | (138)         |
| YMC                | Y54LC64         | [SOIC8]              | (950)         |
| YMC                | Y54LC64         | [TSSOP8]             | (121)         |
| YMC                | Y93LC46         | (x16) (ISP)          | (138)         |
| YMC                | Y93LC46         | (x16) [SOIC8]        | (950)         |
| YMC                | Y93LC46         | (x16) [TSSOP8]       | (121)         |
| YMC                | Y93LC46         | (x8) (ISP)           | (138)         |
| YMC                | Y93LC46         | (x8) [SOIC8]         | (950)         |
| YMC                | Y93LC46         | (x8) [TSSOP8]        | (121)         |
| YMC                | Y93LC46A        | (x16)                |               |
| YMC                | Y93LC46A        | (x16) (ISP)          | (138)         |
| YMC                | Y93LC46A        | (x16) [SOIC8]        | (950)         |
| YMC                | Y93LC46A        | (x16) [TSSOP8]       | (121)         |
| YMC                | Y93LC46A        | (x8)                 |               |
| YMC                | Y93LC46A        | (x8) (ISP)           | (138)         |
| YMC                | Y93LC46A        | (x8) [SOIC8]         | (950)         |
| YMC                | Y93LC46A        | (x8) [TSSOP8]        | (121)         |
| YMC                | Y93LC46-B       | (x16) [SOIC8]        | (950)         |
| YMC                | Y93LC46-B       | (x8) [SOIC8]         | (950)         |
| YMC                | Y93LC66         | (x16) (ISP)          | (138)         |
| YMC                | Y93LC66         | (x16) [SOIC8]        | (950)         |
| YMC                | Y93LC66         | (x16) [TSSOP8]       | (121)         |
| YMC                | Y93LC66         | (x8) (ISP)           | (138)         |
| YMC                | Y93LC66         | (x8) [SOIC8]         | (950)         |
| YMC                | Y93LC66         | (x8) [TSSOP8]        | (121)         |
| You First          | Y224C02         |                      |               |
| You First          | Y224C02         | (ISP)                | (138)         |
| You First          | Y224C02         | [SOP8]               | (950)         |
| You First          | Y224C02         | [SOT23-5]            | (523)         |
| YXLDZ              | YXL9020F        | (ISP)                | (138)         |
| YXLDZ              | YXL9020F        | [SOP8]               | (1313)        |
| Zbit Semiconductor | ZB25D16         | (ISP)                | (138)         |

|                    |             |                       |              |
|--------------------|-------------|-----------------------|--------------|
| Zbit Semiconductor | ZB25D16     | [SOIC8-208]           | (3087) (*1)  |
| Zbit Semiconductor | ZB25D16     | [SOIC8-208] (DualSPI) | (3087) (*1)  |
| Zbit Semiconductor | ZB25D40     | (ISP)                 | (138)        |
| Zbit Semiconductor | ZB25D40     | [SOIC8-150]           | (3094) (*1)  |
| Zbit Semiconductor | ZB25D40     | [SOIC8-208]           | (3087) (*1)  |
| Zbit Semiconductor | ZB25D80     | (ISP)                 | (138)        |
| Zbit Semiconductor | ZB25D80     | [SOIC8-150]           | (3094) (*1)  |
| Zbit Semiconductor | ZB25D80     | [SOIC8-208]           | (3087) (*1)  |
| Zbit Semiconductor | ZB25LQ40    | [USON8 2x3]           | (3934) (*1)  |
| Zbit Semiconductor | ZB25Q64     | (ISP)                 | (138) (9997) |
| Zbit Semiconductor | ZB25Q64     | [SOP8-208]            | (3087) (*1)  |
| Zbit Semiconductor | ZB25Q64     | [SOP8-208] (QuadSPI)  | (3087) (*1)  |
| Zbit Semiconductor | ZB25VQ128   | [SOP8-208]            | (3087) (*1)  |
| Zbit Semiconductor | ZB25VQ128   | [SOP8-208] (QuadSPI)  | (3087) (*1)  |
| Zbit Semiconductor | ZB25VQ16    | [SOP8-208]            | (3087) (*1)  |
| Zbit Semiconductor | ZB25VQ32    | (ISP)                 | (138) (9997) |
| Zbit Semiconductor | ZB25VQ32    | [SOIC8-150]           | (3094) (*1)  |
| Zbit Semiconductor | ZB25VQ32    | [SOP8-208]            | (3087) (*1)  |
| Zbit Semiconductor | ZB25VQ32    | [WSON8 6x5]           | (4117) (*1)  |
| Zbit Semiconductor | ZB25VQ40    | [SOP8-150]            | (3094) (*1)  |
| Zbit Semiconductor | ZB25VQ64    | [SOP8-208]            | (3087) (*1)  |
| Zbit Semiconductor | ZB25VQ64    | [SOP8-208] (QuadSPI)  | (3087) (*1)  |
| Zbit Semiconductor | ZB25VQ80    | [SOP8-208]            | (3087) (*1)  |
| ZemPro Electronic  | TS25L010A   | (ISP)                 | (138)        |
| ZemPro Electronic  | TS25L010A   | [SOP8-150]            | (3095) (*1)  |
| ZemPro Electronic  | TS25L010A   | [SOP8-150] (DualSPI)  | (3095) (*1)  |
| ZemPro Electronic  | TS25L010A   | [SOP8-200]            | (3088) (*1)  |
| ZemPro Electronic  | TS25L010A   | [SOP8-200] (DualSPI)  | (3088) (*1)  |
| ZemPro Electronic  | TS25L020A   |                       |              |
| ZemPro Electronic  | TS25L020A   | (ISP)                 | (138)        |
| ZemPro Electronic  | TS25L020A   | [SOP8-150]            | (3095) (*1)  |
| ZemPro Electronic  | TS25L020A   | [SOP8-150] (DualSPI)  | (3095) (*1)  |
| ZemPro Electronic  | TS25L020A   | [SOP8-200]            | (3088) (*1)  |
| ZemPro Electronic  | TS25L020A   | [SOP8-200] (DualSPI)  | (3088) (*1)  |
| ZemPro Electronic  | TS25L16AP   |                       |              |
| ZemPro Electronic  | TS25L16AP   | (ISP)                 | (138)        |
| ZemPro Electronic  | TS25L16AP   | [SOP8-150]            | (3095) (*1)  |
| ZemPro Electronic  | TS25L16AP   | [SOP8-200]            | (3088) (*1)  |
| ZemPro Electronic  | TS25L16P    | (ISP)                 | (138)        |
| ZemPro Electronic  | TS25L16P    | [SOP8-150]            | (3095) (*1)  |
| ZemPro Electronic  | TS25L16P    | [SOP8-200]            | (3088) (*1)  |
| ZemPro Electronic  | TS25L80P    | (ISP)                 | (138)        |
| ZemPro Electronic  | TS25L80P    | [SOP8-150]            | (3095) (*1)  |
| ZemPro Electronic  | TS25L80P    | [SOP8-200]            | (3088) (*1)  |
| ZemPro Electronic  | ASU1GA31ATS | [TSOP48]              | (1266) (*1)  |
| ZemPro Electronic  | ASU1GA31BTS | [TSOP48]              | (1266) (*1)  |
| ZemPro Electronic  | ASU1GA41ATS | [TSOP48]              | (1266) (*1)  |
| ZemPro Electronic  | ASU2GA31ATS | [TSOP48]              | (1266) (*1)  |
| ZemPro Electronic  | ASU2GA31BTS | [TSOP48]              | (1266) (*1)  |
| ZemPro Electronic  | ASU4GA31ATS | [TSOP48]              | (1266) (*1)  |
| ZemPro Electronic  | ASU8GA31ATS | [TSOP48]              | (1266) (*1)  |
| Zetta              | NB25Q64     | [SOP8-208]            | (3087) (*1)  |
| Zetta              | ZD24C08A    |                       |              |
| Zetta              | ZD24C08A    | (ISP)                 | (138)        |
| Zetta              | ZD24C08A    | [SOIC8-150]           | (950)        |
| Zetta              | ZD24C08A    | [SOT23-5]             | (523)        |
| Zetta              | ZD24C08A    | [TSSOP8]              | (121)        |
| Zetta              | ZD24C08A    | [UDFN8-2x3]           | (4538)       |
| Zetta              | ZD24C128A   |                       |              |
| Zetta              | ZD24C128A   | (ISP)                 | (138)        |
| Zetta              | ZD24C128A   | [SOIC8-150]           | (950)        |
| Zetta              | ZD24C128A   | [TSSOP8]              | (121)        |
| Zetta              | ZD24C128A   | [UDFN8-2x3]           | (4538)       |
| Zetta              | ZD24C32A    |                       |              |
| Zetta              | ZD24C32A    | (ISP)                 | (138)        |
| Zetta              | ZD24C32A    | [SOIC8-150]           | (950)        |
| Zetta              | ZD24C32A    | [TSSOP8]              | (121)        |
| Zetta              | ZD24C32A    | [UDFN8-2x3]           | (4538)       |
| Zetta              | ZD24C64A    |                       |              |
| Zetta              | ZD24C64A    | (ISP)                 | (138)        |
| Zetta              | ZD24C64A    | [SOIC8-150]           | (950)        |
| Zetta              | ZD24C64A    | [TSSOP8]              | (121)        |
| Zetta              | ZD24C64A    | [UDFN8-2x3]           | (4538)       |
| Zetta              | ZD25D40     | (ISP)                 | (138) (9997) |
| Zetta              | ZD25D40     | [SOIC8-150]           | (3094) (*1)  |
| Zetta              | ZD25D40     | [SOIC8-208]           | (3087) (*1)  |
| Zetta              | ZD25D40     | [TSSOP8]              | (1388)       |
| Zetta              | ZD25D80     | (ISP)                 | (138) (9997) |
| Zetta              | ZD25D80     | [SOIC8-150]           | (3094) (*1)  |
| Zetta              | ZD25D80     | [SOIC8-208]           | (3087) (*1)  |
| Zetta              | ZD25D80     | [TSSOP8]              | (1388)       |
| Zetta              | ZD25D80A    | (ISP)                 | (138) (9997) |
| Zetta              | ZD25D80A    | [SOIC8-150]           | (3094) (*1)  |
| Zetta              | ZD25D80A    | [SOIC8-208]           | (3087) (*1)  |
| Zetta              | ZD25Q16     | [SOIC8-150]           | (3094) (*1)  |
| Zetta              | ZD25Q32     | [SOIC8-150]           | (3094) (*1)  |
| Zetta              | ZD25Q40A    | [SOP8-150]            | (3094) (*1)  |
| Zetta              | ZD25Q64A    | [SOP8-208]            | (3087) (*1)  |
| Zetta              | ZD35M1GA    | [WSON8]               | (4971)       |
| Zetta              | ZD35Q1GA    | [WSON8]               | (4914) (*1)  |
| Zetta              | ZD35Q2GA    | [WSON8]               | (4914) (*1)  |
| Zetta              | ZDND1G08U3D | [TSOP48]              | (3075)       |
| Zetta              | ZDND2G08U3D | [TSOP48]              | (3075)       |
| Zhengxin           | LX24C01     |                       |              |
| Zhengxin           | LX24C01     | (ISP)                 | (138)        |
| Zhengxin           | LX24C01     | [SOIC8]               | (950)        |
| Zhengxin           | LX24C01     | [TSSOP8]              | (121)        |
| Zhengxin           | LX24C02     |                       |              |
| Zhengxin           | LX24C02     | (ISP)                 | (138)        |
| Zhengxin           | LX24C02     | [SOIC8]               | (950)        |
| Zhengxin           | LX24C02     | [TSSOP8]              | (121)        |
| Zhengxin           | LX24C04     |                       |              |
| Zhengxin           | LX24C04     | (ISP)                 | (138)        |
| Zhengxin           | LX24C04     | [SOIC8]               | (950)        |
| Zhengxin           | LX24C04     | [TSSOP8]              | (121)        |
| Zhengxin           | LX24C08     |                       |              |
| Zhengxin           | LX24C08     | (ISP)                 | (138)        |
| Zhengxin           | LX24C08     | [SOIC8]               | (950)        |
| Zhengxin           | LX24C08     | [TSSOP8]              | (121)        |
| Zhengxin           | LX24C16     |                       |              |
| Zhengxin           | LX24C16     | (ISP)                 | (138)        |
| Zhengxin           | LX24C16     | [SOIC8]               | (950)        |
| Zhengxin           | LX24C16     | [TSSOP8]              | (121)        |
| Zilker Labs        | ZL2004      | [QFN32]               | (1272)       |
| Zilker Labs        | ZL2004-01   | [QFN32]               | (1272)       |
| Zilker Labs        | ZL2005      | [QFN36]               | (1270)       |
| Zilker Labs        | ZL2005-02   | [QFN36]               | (1270)       |
| Zilker Labs        | ZL2005P     | [QFN36]               | (1270)       |
| Zilker Labs        | ZL2006      | [QFN36]               | (1270)       |
| Zilker Labs        | ZL2008      | [QFN36]               | (1270)       |
| Zilker Labs        | ZL2105      | [QFN36]               | (1271)       |
| Zilker Labs        | ZL2106      | [QFN36]               | (1271)       |
| Zilker Labs        | ZL6100      | [QFN36]               | (1270)       |
| Zilker Labs        | ZL6105      | [QFN36]               | (3133)       |
| Zilog              | S3F80P5     | (ISP)                 | (138)        |
| Zilog              | S3F80P5     | [SOP24]               | (1062)       |
| Zilog              | S3F80P9     | (ISP)                 | (138)        |
| Zilog              | S3F80P9     | [QFP44]               | (108)        |

|       |                        |        |
|-------|------------------------|--------|
| Zi1og | S3F80PB (ISP)          | (138)  |
| Zi1og | S3F80PB [QFP44]        | (108)  |
| Zi1og | S3F80QB [QFP44]        | (3064) |
| Zi1og | S3F84B8                |        |
| Zi1og | S3F84B8 [SOP20]        | (119)  |
| Zi1og | S3F8S24                |        |
| Zi1og | S3F8S24 [SOP20]        | (119)  |
| Zi1og | S3F8S24 [SOP24]        | (1062) |
| Zi1og | S3F8S24 [SSOP20]       | (1089) |
| Zi1og | S3F8S28                |        |
| Zi1og | S3F8S28 [SOP20]        | (119)  |
| Zi1og | S3F8S28 [SOP24]        | (1062) |
| Zi1og | S3F8S28 [SSOP20]       | (1089) |
| Zi1og | S3F8S28 [TSSOP24]      | (1090) |
| Zi1og | S3F8S35 [SDIP32]       | (175)  |
| Zi1og | S3F8S35 [SOP32]        | (3363) |
| Zi1og | S3F8S39 [SDIP32]       | (175)  |
| Zi1og | S3F8S39 [SOP32]        | (3363) |
| Zi1og | S3F8S45 [QFP44]        | (3064) |
| Zi1og | S3F8S45 [SDIP32]       | (175)  |
| Zi1og | S3F8S45 [SDIP42]       | (164)  |
| Zi1og | S3F8S5A [QFP44]        | (3064) |
| Zi1og | S3F8S5A [SDIP42]       | (164)  |
| Zi1og | S3F8S6B [QFP64]        | (2320) |
| Zi1og | S3F8S7B [TQFP80]       | (1501) |
| Zi1og | S3F94C4 [DIP20]        |        |
| Zi1og | S3F94C4 [SOP20]        | (119)  |
| Zi1og | S3F94C4 [SSOP20]       | (1089) |
| Zi1og | S3F94C8 [DIP20]        |        |
| Zi1og | S3F94C8 [SOP20]        | (119)  |
| Zi1og | S3F94C8 [SSOP20]       | (1089) |
| Zi1og | Z16F2810 (ISP)         | (138)  |
| Zi1og | Z16F2810 [LQFP64]      | (966)  |
| Zi1og | Z16F2810 [PLCC68]      | (965)  |
| Zi1og | Z16F2810 [QFP80]       | (631)  |
| Zi1og | Z16F2811 (ISP)         | (138)  |
| Zi1og | Z16F2811 [QFP80]       | (631)  |
| Zi1og | Z16F3211 (ISP)         | (138)  |
| Zi1og | Z16F3211 [QFP80]       | (631)  |
| Zi1og | Z16F6411 (ISP)         | (138)  |
| Zi1og | Z16F6411 [QFP80]       | (631)  |
| Zi1og | Z51F3220 [MQFP44]      | (108)  |
| Zi1og | Z51F3220 [SOP32]       | (233)  |
| Zi1og | Z86733                 |        |
| Zi1og | Z86733 [SOIC28]        | (51)   |
| Zi1og | Z86743                 |        |
| Zi1og | Z86743 [PLCC44]        | (67)   |
| Zi1og | Z86743 [TQFP44]        | (106)  |
| Zi1og | Z86D73                 |        |
| Zi1og | Z86D73 [PLCC44]        | (67)   |
| Zi1og | Z86D73 [QFP44]         | (106)  |
| Zi1og | Z86D73 [SSOP48]        | (194)  |
| Zi1og | Z86E02 SL1903          |        |
| Zi1og | Z86E02 SL1903 [SOIC18] | (1061) |
| Zi1og | Z86E02 SL1925          |        |
| Zi1og | Z86E02 SL1925 [SOIC18] | (1061) |
| Zi1og | Z86E02 SL1925 [SSOP20] | (91)   |
| Zi1og | Z86E02-186X            |        |
| Zi1og | Z86E02-186X [SOIC18]   | (1061) |
| Zi1og | Z86E04                 |        |
| Zi1og | Z86E04 [SOIC18]        | (1061) |
| Zi1og | Z86E04 SL1903          |        |
| Zi1og | Z86E04 SL1903 [SOIC18] | (1061) |
| Zi1og | Z86E04 SL1925          |        |
| Zi1og | Z86E04 SL1925 [SOIC18] | (1061) |
| Zi1og | Z86E04-186X            |        |
| Zi1og | Z86E04-186X [SOIC18]   | (1061) |
| Zi1og | Z86E08                 |        |
| Zi1og | Z86E08 [SOIC18]        | (1061) |
| Zi1og | Z86E08 SL1903          |        |
| Zi1og | Z86E08 SL1903 [SOIC18] | (1061) |
| Zi1og | Z86E08 SL1925          |        |
| Zi1og | Z86E08 SL1925 [SOIC18] | (1061) |
| Zi1og | Z86E08-186X            |        |
| Zi1og | Z86E08-186X [SOIC18]   | (1061) |
| Zi1og | Z86E122                |        |
| Zi1og | Z86E122 [SOIC20]       | (119)  |
| Zi1og | Z86E123                |        |
| Zi1og | Z86E123 [SOIC20]       | (119)  |
| Zi1og | Z86E124                |        |
| Zi1og | Z86E124 [SOIC20]       | (119)  |
| Zi1og | Z86E125                |        |
| Zi1og | Z86E125 [SOIC20]       | (119)  |
| Zi1og | Z86E126                |        |
| Zi1og | Z86E126 [SOIC20]       | (119)  |
| Zi1og | Z86E132                |        |
| Zi1og | Z86E132 [SOIC28]       | (51)   |
| Zi1og | Z86E133                |        |
| Zi1og | Z86E133 [SOIC28]       | (51)   |
| Zi1og | Z86E134                |        |
| Zi1og | Z86E134 [SOIC28]       | (51)   |
| Zi1og | Z86E135                |        |
| Zi1og | Z86E135 [SOIC28]       | (51)   |
| Zi1og | Z86E136                |        |
| Zi1og | Z86E136 [SOIC28]       | (51)   |
| Zi1og | Z86E142                |        |
| Zi1og | Z86E143                |        |
| Zi1og | Z86E144                |        |
| Zi1og | Z86E145                |        |
| Zi1og | Z86E146                |        |
| Zi1og | Z86E18                 |        |
| Zi1og | Z86E21                 |        |
| Zi1og | Z86E21 [PLCC44]        | (67)   |
| Zi1og | Z86E21 [TQFP44]        | (106)  |
| Zi1og | Z86E23                 |        |
| Zi1og | Z86E23 [PLCC44]        | (67)   |
| Zi1og | Z86E30                 |        |
| Zi1og | Z86E30 [PLCC28]        | (48)   |
| Zi1og | Z86E30 [SOIC28]        | (51)   |
| Zi1og | Z86E31                 |        |
| Zi1og | Z86E31 [PLCC28]        | (48)   |
| Zi1og | Z86E31 [SOIC28]        | (51)   |
| Zi1og | Z86E33                 |        |
| Zi1og | Z86E33 [SOIC28]        | (51)   |
| Zi1og | Z86E34                 |        |
| Zi1og | Z86E34 [SOIC28]        | (51)   |
| Zi1og | Z86E40                 |        |
| Zi1og | Z86E40 [LQFP44]        | (94)   |
| Zi1og | Z86E40 [PLCC44]        | (67)   |
| Zi1og | Z86E40 [TQFP44]        | (106)  |
| Zi1og | Z86E43                 |        |
| Zi1og | Z86E43 [PLCC44]        | (67)   |
| Zi1og | Z86E43xxA [LQFP44]     | (94)   |
| Zi1og | Z86E43xxF [TQFP44]     | (106)  |
| Zi1og | Z86E44                 |        |
| Zi1og | Z86E44 [PLCC44]        | (67)   |
| Zi1og | Z86E44xxA [LQFP44]     | (94)   |
| Zi1og | Z86E44xxF [TQFP44]     | (106)  |

|        |                  |        |
|--------|------------------|--------|
| Zi\log | Z86E61           |        |
| Zi\log | Z86E61 [LQFP44]  | (94)   |
| Zi\log | Z86E61 [PLCC44]  | (67)   |
| Zi\log | Z86E61 [TQFP44]  | (106)  |
| Zi\log | Z86E63           |        |
| Zi\log | Z86E63 [LQFP44]  | (94)   |
| Zi\log | Z86E63 [PLCC44]  | (67)   |
| Zi\log | Z86E63 [TQFP44]  | (106)  |
| Zi\log | Z86E72           |        |
| Zi\log | Z86E72 [LQFP44]  | (94)   |
| Zi\log | Z86E72 [PLCC44]  | (67)   |
| Zi\log | Z86E72 [TQFP44]  | (106)  |
| Zi\log | Z86E73           |        |
| Zi\log | Z86E73 [LQFP44]  | (94)   |
| Zi\log | Z86E73 [PLCC44]  | (67)   |
| Zi\log | Z86E73 [SSOP48]  | (194)  |
| Zi\log | Z86E73 [TQFP44]  | (106)  |
| Zi\log | Z8F0113 [PDIP20] |        |
| Zi\log | Z8F0113 [PDIP28] |        |
| Zi\log | Z8F0113 [PDIP8]  |        |
| Zi\log | Z8F0113 [QFN8]   | (577)  |
| Zi\log | Z8F0113 [SOIC20] | (119)  |
| Zi\log | Z8F0113 [SOIC28] | (51)   |
| Zi\log | Z8F0113 [SOIC8]  | (950)  |
| Zi\log | Z8F0113 [SSOP20] | (91)   |
| Zi\log | Z8F0113 [SSOP28] | (1103) |
| Zi\log | Z8F0113xB (ISP)  | (138)  |
| Zi\log | Z8F0113xH (ISP)  | (138)  |
| Zi\log | Z8F0113xJ (ISP)  | (138)  |
| Zi\log | Z8F011A [PDIP20] |        |
| Zi\log | Z8F011A [PDIP28] |        |
| Zi\log | Z8F011A [PDIP8]  |        |
| Zi\log | Z8F011A [QFN8]   | (577)  |
| Zi\log | Z8F011A [SOIC20] | (119)  |
| Zi\log | Z8F011A [SOIC28] | (51)   |
| Zi\log | Z8F011A [SOIC8]  | (950)  |
| Zi\log | Z8F011A [SSOP20] | (91)   |
| Zi\log | Z8F011A [SSOP28] | (1103) |
| Zi\log | Z8F011Ax8 (ISP)  | (138)  |
| Zi\log | Z8F011AxH (ISP)  | (138)  |
| Zi\log | Z8F011AxJ (ISP)  | (138)  |
| Zi\log | Z8F0123 [PDIP20] |        |
| Zi\log | Z8F0123 [PDIP28] |        |
| Zi\log | Z8F0123 [PDIP8]  |        |
| Zi\log | Z8F0123 [QFN8]   | (577)  |
| Zi\log | Z8F0123 [SOIC20] | (119)  |
| Zi\log | Z8F0123 [SOIC28] | (51)   |
| Zi\log | Z8F0123 [SOIC8]  | (950)  |
| Zi\log | Z8F0123 [SSOP20] | (91)   |
| Zi\log | Z8F0123 [SSOP28] | (1103) |
| Zi\log | Z8F0123xB (ISP)  | (138)  |
| Zi\log | Z8F0123xH (ISP)  | (138)  |
| Zi\log | Z8F0123xJ (ISP)  | (138)  |
| Zi\log | Z8F012A [PDIP20] |        |
| Zi\log | Z8F012A [PDIP28] |        |
| Zi\log | Z8F012A [PDIP8]  |        |
| Zi\log | Z8F012A [QFN8]   | (577)  |
| Zi\log | Z8F012A [SOIC20] | (119)  |
| Zi\log | Z8F012A [SOIC28] | (51)   |
| Zi\log | Z8F012A [SOIC8]  | (950)  |
| Zi\log | Z8F012A [SSOP20] | (91)   |
| Zi\log | Z8F012A [SSOP28] | (1103) |
| Zi\log | Z8F012Ax8 (ISP)  | (138)  |
| Zi\log | Z8F012AxH (ISP)  | (138)  |
| Zi\log | Z8F012AxJ (ISP)  | (138)  |
| Zi\log | Z8F0130 (ISP)    | (138)  |
| Zi\log | Z8F0130 [PDIP20] |        |
| Zi\log | Z8F0130 [PDIP28] |        |
| Zi\log | Z8F0130 [QFN20]  | (1398) |
| Zi\log | Z8F0130 [QFN28]  | (576)  |
| Zi\log | Z8F0130 [SOIC20] | (119)  |
| Zi\log | Z8F0130 [SOIC28] | (51)   |
| Zi\log | Z8F0130 [SSOP20] | (91)   |
| Zi\log | Z8F0130 [SSOP28] | (1103) |
| Zi\log | Z8F0131 (ISP)    | (138)  |
| Zi\log | Z8F0131 [PDIP20] |        |
| Zi\log | Z8F0131 [PDIP28] |        |
| Zi\log | Z8F0131 [QFN20]  | (1398) |
| Zi\log | Z8F0131 [QFN28]  | (576)  |
| Zi\log | Z8F0131 [SOIC20] | (119)  |
| Zi\log | Z8F0131 [SOIC28] | (51)   |
| Zi\log | Z8F0131 [SSOP20] | (91)   |
| Zi\log | Z8F0131 [SSOP28] | (1103) |
| Zi\log | Z8F0213 [PDIP20] |        |
| Zi\log | Z8F0213 [PDIP28] |        |
| Zi\log | Z8F0213 [PDIP8]  |        |
| Zi\log | Z8F0213 [QFN8]   | (577)  |
| Zi\log | Z8F0213 [SOIC20] | (119)  |
| Zi\log | Z8F0213 [SOIC28] | (51)   |
| Zi\log | Z8F0213 [SOIC8]  | (950)  |
| Zi\log | Z8F0213 [SSOP20] | (91)   |
| Zi\log | Z8F0213 [SSOP28] | (1103) |
| Zi\log | Z8F0213xB (ISP)  | (138)  |
| Zi\log | Z8F0213xH (ISP)  | (138)  |
| Zi\log | Z8F0213xJ (ISP)  | (138)  |
| Zi\log | Z8F021A [PDIP20] |        |
| Zi\log | Z8F021A [PDIP28] |        |
| Zi\log | Z8F021A [PDIP8]  |        |
| Zi\log | Z8F021A [QFN8]   | (577)  |
| Zi\log | Z8F021A [SOIC20] | (119)  |
| Zi\log | Z8F021A [SOIC28] | (51)   |
| Zi\log | Z8F021A [SOIC8]  | (950)  |
| Zi\log | Z8F021A [SSOP20] | (91)   |
| Zi\log | Z8F021A [SSOP28] | (1103) |
| Zi\log | Z8F021Ax8 (ISP)  | (138)  |
| Zi\log | Z8F021AxH (ISP)  | (138)  |
| Zi\log | Z8F021AxJ (ISP)  | (138)  |
| Zi\log | Z8F0223 [PDIP20] |        |
| Zi\log | Z8F0223 [PDIP28] |        |
| Zi\log | Z8F0223 [PDIP8]  |        |
| Zi\log | Z8F0223 [QFN8]   | (577)  |
| Zi\log | Z8F0223 [SOIC20] | (119)  |
| Zi\log | Z8F0223 [SOIC28] | (51)   |
| Zi\log | Z8F0223 [SOIC8]  | (950)  |
| Zi\log | Z8F0223 [SSOP20] | (91)   |
| Zi\log | Z8F0223 [SSOP28] | (1103) |
| Zi\log | Z8F0223xB (ISP)  | (138)  |
| Zi\log | Z8F0223xH (ISP)  | (138)  |
| Zi\log | Z8F0223xJ (ISP)  | (138)  |
| Zi\log | Z8F022A [PDIP20] |        |
| Zi\log | Z8F022A [PDIP28] |        |
| Zi\log | Z8F022A [PDIP8]  |        |
| Zi\log | Z8F022A [QFN8]   | (577)  |
| Zi\log | Z8F022A [SOIC20] | (119)  |
| Zi\log | Z8F022A [SOIC28] | (51)   |
| Zi\log | Z8F022A [SOIC8]  | (950)  |
| Zi\log | Z8F022A [SSOP20] | (91)   |
| Zi\log | Z8F022A [SSOP28] | (1103) |

|        |                  |        |
|--------|------------------|--------|
| Zi log | Z8F022AxB (ISP)  | (138)  |
| Zi log | Z8F022AxH (ISP)  | (138)  |
| Zi log | Z8F022AxJ (ISP)  | (138)  |
| Zi log | Z8F0230 (ISP)    | (138)  |
| Zi log | Z8F0230 [PDIP20] |        |
| Zi log | Z8F0230 [PDIP28] |        |
| Zi log | Z8F0230 [QFN20]  | (1398) |
| Zi log | Z8F0230 [QFN28]  | (576)  |
| Zi log | Z8F0230 [SOIC20] | (119)  |
| Zi log | Z8F0230 [SOIC28] | (51)   |
| Zi log | Z8F0230 [SSOP20] | (91)   |
| Zi log | Z8F0230 [SSOP28] | (1103) |
| Zi log | Z8F0231 (ISP)    | (138)  |
| Zi log | Z8F0231 [PDIP20] |        |
| Zi log | Z8F0231 [PDIP28] |        |
| Zi log | Z8F0231 [QFN20]  | (1398) |
| Zi log | Z8F0231 [QFN28]  | (576)  |
| Zi log | Z8F0231 [SOIC20] | (119)  |
| Zi log | Z8F0231 [SOIC28] | (51)   |
| Zi log | Z8F0231 [SSOP20] | (91)   |
| Zi log | Z8F0231 [SSOP28] | (1103) |
| Zi log | Z8F0411          |        |
| Zi log | Z8F0411 [SSOP20] | (91)   |
| Zi log | Z8F0412          |        |
| Zi log | Z8F0412 [SOIC28] | (51)   |
| Zi log | Z8F0413 [PDIP20] |        |
| Zi log | Z8F0413 [PDIP28] |        |
| Zi log | Z8F0413 [PDIP8]  |        |
| Zi log | Z8F0413 [QFN8]   | (577)  |
| Zi log | Z8F0413 [SOIC20] | (119)  |
| Zi log | Z8F0413 [SOIC28] | (51)   |
| Zi log | Z8F0413 [SOIC8]  | (950)  |
| Zi log | Z8F0413 [SSOP20] | (91)   |
| Zi log | Z8F0413 [SSOP28] | (1103) |
| Zi log | Z8F0413xB (ISP)  | (138)  |
| Zi log | Z8F0413xH (ISP)  | (138)  |
| Zi log | Z8F0413xJ (ISP)  | (138)  |
| Zi log | Z8F041A [PDIP20] |        |
| Zi log | Z8F041A [PDIP28] |        |
| Zi log | Z8F041A [PDIP8]  |        |
| Zi log | Z8F041A [QFN8]   | (577)  |
| Zi log | Z8F041A [SOIC20] | (119)  |
| Zi log | Z8F041A [SOIC28] | (51)   |
| Zi log | Z8F041A [SOIC8]  | (950)  |
| Zi log | Z8F041A [SSOP20] | (91)   |
| Zi log | Z8F041A [SSOP28] | (1103) |
| Zi log | Z8F041AxB (ISP)  | (138)  |
| Zi log | Z8F041AxH (ISP)  | (138)  |
| Zi log | Z8F041AxJ (ISP)  | (138)  |
| Zi log | Z8F0421          |        |
| Zi log | Z8F0421 [SSOP20] | (91)   |
| Zi log | Z8F0422          |        |
| Zi log | Z8F0422 [SOIC28] | (51)   |
| Zi log | Z8F0423 [PDIP20] |        |
| Zi log | Z8F0423 [PDIP28] |        |
| Zi log | Z8F0423 [PDIP8]  |        |
| Zi log | Z8F0423 [QFN8]   | (577)  |
| Zi log | Z8F0423 [SOIC20] | (119)  |
| Zi log | Z8F0423 [SOIC28] | (51)   |
| Zi log | Z8F0423 [SOIC8]  | (950)  |
| Zi log | Z8F0423 [SSOP20] | (91)   |
| Zi log | Z8F0423 [SSOP28] | (1103) |
| Zi log | Z8F0423xB (ISP)  | (138)  |
| Zi log | Z8F0423xH (ISP)  | (138)  |
| Zi log | Z8F0423xJ (ISP)  | (138)  |
| Zi log | Z8F042A [PDIP20] |        |
| Zi log | Z8F042A [PDIP28] |        |
| Zi log | Z8F042A [PDIP8]  |        |
| Zi log | Z8F042A [QFN8]   | (577)  |
| Zi log | Z8F042A [SOIC20] | (119)  |
| Zi log | Z8F042A [SOIC28] | (51)   |
| Zi log | Z8F042A [SOIC8]  | (950)  |
| Zi log | Z8F042A [SSOP20] | (91)   |
| Zi log | Z8F042A [SSOP28] | (1103) |
| Zi log | Z8F042AxB (ISP)  | (138)  |
| Zi log | Z8F042AxH (ISP)  | (138)  |
| Zi log | Z8F042AxJ (ISP)  | (138)  |
| Zi log | Z8F0430 (ISP)    | (138)  |
| Zi log | Z8F0430 [PDIP20] |        |
| Zi log | Z8F0430 [PDIP28] |        |
| Zi log | Z8F0430 [QFN20]  | (1398) |
| Zi log | Z8F0430 [QFN28]  | (576)  |
| Zi log | Z8F0430 [SOIC20] | (119)  |
| Zi log | Z8F0430 [SOIC28] | (51)   |
| Zi log | Z8F0430 [SSOP20] | (91)   |
| Zi log | Z8F0430 [SSOP28] | (1103) |
| Zi log | Z8F0431 (ISP)    | (138)  |
| Zi log | Z8F0431 [PDIP20] |        |
| Zi log | Z8F0431 [PDIP28] |        |
| Zi log | Z8F0431 [QFN20]  | (1398) |
| Zi log | Z8F0431 [QFN28]  | (576)  |
| Zi log | Z8F0431 [SOIC20] | (119)  |
| Zi log | Z8F0431 [SOIC28] | (51)   |
| Zi log | Z8F0431 [SSOP20] | (91)   |
| Zi log | Z8F0431 [SSOP28] | (1103) |
| Zi log | Z8F043A (ISP)    | (138)  |
| Zi log | Z8F043A [PDIP20] |        |
| Zi log | Z8F043A [QFN20]  | (1398) |
| Zi log | Z8F043A [QFN28]  | (576)  |
| Zi log | Z8F043A [SOIC20] | (119)  |
| Zi log | Z8F043A [SOIC28] | (51)   |
| Zi log | Z8F043A [SSOP20] | (91)   |
| Zi log | Z8F043A [SSOP28] | (1103) |
| Zi log | Z8F0811          |        |
| Zi log | Z8F0811 [SSOP20] | (91)   |
| Zi log | Z8F0812          |        |
| Zi log | Z8F0812 [SOIC28] | (51)   |
| Zi log | Z8F0813 [PDIP20] |        |
| Zi log | Z8F0813 [PDIP28] |        |
| Zi log | Z8F0813 [PDIP8]  |        |
| Zi log | Z8F0813 [QFN8]   | (577)  |
| Zi log | Z8F0813 [SOIC20] | (119)  |
| Zi log | Z8F0813 [SOIC28] | (51)   |
| Zi log | Z8F0813 [SOIC8]  | (950)  |
| Zi log | Z8F0813 [SSOP20] | (91)   |
| Zi log | Z8F0813 [SSOP28] | (1103) |
| Zi log | Z8F0813xB (ISP)  | (138)  |
| Zi log | Z8F0813xH (ISP)  | (138)  |
| Zi log | Z8F0813xJ (ISP)  | (138)  |
| Zi log | Z8F081A [PDIP20] |        |
| Zi log | Z8F081A [PDIP28] |        |
| Zi log | Z8F081A [PDIP8]  |        |
| Zi log | Z8F081A [QFN8]   | (577)  |
| Zi log | Z8F081A [SOIC20] | (119)  |
| Zi log | Z8F081A [SOIC28] | (51)   |
| Zi log | Z8F081A [SOIC8]  | (950)  |
| Zi log | Z8F081A [SSOP20] | (91)   |
| Zi log | Z8F081A [SSOP28] | (1103) |



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|--------|--------------------|--------|
| Zi log | Z8F081AxB (ISP)    | (138)  |
| Zi log | Z8F081AxH (ISP)    | (138)  |
| Zi log | Z8F081AxJ (ISP)    | (138)  |
| Zi log | Z8F0821            |        |
| Zi log | Z8F0821 [SSOP20]   | (91)   |
| Zi log | Z8F0822            |        |
| Zi log | Z8F0822 [SOIC28]   | (51)   |
| Zi log | Z8F0823 [PDIP20]   |        |
| Zi log | Z8F0823 [PDIP28]   |        |
| Zi log | Z8F0823 [PDIP8]    |        |
| Zi log | Z8F0823 [QFN8]     | (577)  |
| Zi log | Z8F0823 [SOIC20]   | (119)  |
| Zi log | Z8F0823 [SOIC28]   | (51)   |
| Zi log | Z8F0823 [SOIC8]    | (950)  |
| Zi log | Z8F0823 [SSOP20]   | (91)   |
| Zi log | Z8F0823 [SSOP28]   | (1103) |
| Zi log | Z8F0823xB (ISP)    | (138)  |
| Zi log | Z8F0823xH (ISP)    | (138)  |
| Zi log | Z8F0823xJ (ISP)    | (138)  |
| Zi log | Z8F082A [PDIP20]   |        |
| Zi log | Z8F082A [PDIP28]   |        |
| Zi log | Z8F082A [PDIP8]    |        |
| Zi log | Z8F082A [QFN8]     | (577)  |
| Zi log | Z8F082A [SOIC20]   | (119)  |
| Zi log | Z8F082A [SOIC28]   | (51)   |
| Zi log | Z8F082A [SOIC8]    | (950)  |
| Zi log | Z8F082A [SSOP20]   | (91)   |
| Zi log | Z8F082A [SSOP28]   | (1103) |
| Zi log | Z8F082AxB (ISP)    | (138)  |
| Zi log | Z8F082AxH (ISP)    | (138)  |
| Zi log | Z8F082AxJ (ISP)    | (138)  |
| Zi log | Z8F0830 (ISP)      | (138)  |
| Zi log | Z8F0830 [PDIP20]   |        |
| Zi log | Z8F0830 [PDIP28]   |        |
| Zi log | Z8F0830 [QFN20]    | (1398) |
| Zi log | Z8F0830 [QFN28]    | (576)  |
| Zi log | Z8F0830 [SOIC20]   | (119)  |
| Zi log | Z8F0830 [SOIC28]   | (51)   |
| Zi log | Z8F0830 [SSOP20]   | (91)   |
| Zi log | Z8F0830 [SSOP28]   | (1103) |
| Zi log | Z8F0831 (ISP)      | (138)  |
| Zi log | Z8F0831 [PDIP20]   |        |
| Zi log | Z8F0831 [PDIP28]   |        |
| Zi log | Z8F0831 [QFN20]    | (1398) |
| Zi log | Z8F0831 [QFN28]    | (576)  |
| Zi log | Z8F0831 [SOIC20]   | (119)  |
| Zi log | Z8F0831 [SOIC28]   | (51)   |
| Zi log | Z8F0831 [SSOP20]   | (91)   |
| Zi log | Z8F0831 [SSOP28]   | (1103) |
| Zi log | Z8F083A (ISP)      | (138)  |
| Zi log | Z8F083A [PDIP20]   |        |
| Zi log | Z8F083A [QFN20]    | (1398) |
| Zi log | Z8F083A [QFN28]    | (576)  |
| Zi log | Z8F083A [SOIC20]   | (119)  |
| Zi log | Z8F083A [SOIC28]   | (51)   |
| Zi log | Z8F083A [SSOP20]   | (91)   |
| Zi log | Z8F083A [SSOP28]   | (1103) |
| Zi log | Z8F0880 [LQFP44]   | (94)   |
| Zi log | Z8F0880 [PDIP20]   |        |
| Zi log | Z8F0880 [PDIP28]   |        |
| Zi log | Z8F0880 [PDIP40]   |        |
| Zi log | Z8F0880 [QFN44]    | (231)  |
| Zi log | Z8F0880 [SOIC20]   | (119)  |
| Zi log | Z8F0880 [SOIC28]   | (51)   |
| Zi log | Z8F0880 [SSOP20]   | (91)   |
| Zi log | Z8F0880 [SSOP28]   | (1103) |
| Zi log | Z8F1232 (ISP)      | (138)  |
| Zi log | Z8F1232 [PDIP20]   |        |
| Zi log | Z8F1232 [PDIP28]   |        |
| Zi log | Z8F1232 [QFN20]    | (1398) |
| Zi log | Z8F1232 [QFN28]    | (576)  |
| Zi log | Z8F1232 [SOIC20]   | (119)  |
| Zi log | Z8F1232 [SOIC28]   | (51)   |
| Zi log | Z8F1232 [SSOP20]   | (91)   |
| Zi log | Z8F1232 [SSOP28]   | (1103) |
| Zi log | Z8F1233 (ISP)      | (138)  |
| Zi log | Z8F1233 [PDIP20]   |        |
| Zi log | Z8F1233 [PDIP28]   |        |
| Zi log | Z8F1233 [QFN20]    | (1398) |
| Zi log | Z8F1233 [QFN28]    | (576)  |
| Zi log | Z8F1233 [SOIC20]   | (119)  |
| Zi log | Z8F1233 [SOIC28]   | (51)   |
| Zi log | Z8F1233 [SSOP20]   | (91)   |
| Zi log | Z8F1233 [SSOP28]   | (1103) |
| Zi log | Z8F1601 (ISP)      | (138)  |
| Zi log | Z8F1602 (ISP)      | (138)  |
| Zi log | Z8F1621            |        |
| Zi log | Z8F1621 (ISP)      | (138)  |
| Zi log | Z8F1621 [LQFP44]   | (94)   |
| Zi log | Z8F1621 [PLCC44]   | (67)   |
| Zi log | Z8F1622 (ISP)      | (138)  |
| Zi log | Z8F1680 [LQFP44]   | (94)   |
| Zi log | Z8F1680 [PDIP20]   |        |
| Zi log | Z8F1680 [PDIP28]   |        |
| Zi log | Z8F1680 [PDIP40]   |        |
| Zi log | Z8F1680 [QFN44]    | (231)  |
| Zi log | Z8F1680 [SOIC20]   | (119)  |
| Zi log | Z8F1680 [SOIC28]   | (51)   |
| Zi log | Z8F1680 [SSOP20]   | (91)   |
| Zi log | Z8F1680 [SSOP28]   | (1103) |
| Zi log | Z8F1681AN [LQFP44] | (3338) |
| Zi log | Z8F1681AR [LQFP64] | (3388) |
| Zi log | Z8F1681QK [QFN32]  | (3337) |
| Zi log | Z8F1681QN [QFN44]  | (3607) |
| Zi log | Z8F1682AR [LQFP64] | (3385) |
| Zi log | Z8F1682AT [LQFP80] | (3386) |
| Zi log | Z8F2401 (ISP)      | (138)  |
| Zi log | Z8F2402 (ISP)      | (138)  |
| Zi log | Z8F2421            |        |
| Zi log | Z8F2421 (ISP)      | (138)  |
| Zi log | Z8F2421 [LQFP44]   | (94)   |
| Zi log | Z8F2421 [PLCC44]   | (67)   |
| Zi log | Z8F2422 (ISP)      | (138)  |
| Zi log | Z8F2480 [LQFP44]   | (94)   |
| Zi log | Z8F2480 [PDIP20]   |        |
| Zi log | Z8F2480 [PDIP28]   |        |
| Zi log | Z8F2480 [PDIP40]   |        |
| Zi log | Z8F2480 [QFN44]    | (231)  |
| Zi log | Z8F2480 [SOIC20]   | (119)  |
| Zi log | Z8F2480 [SOIC28]   | (51)   |
| Zi log | Z8F2480 [SSOP20]   | (91)   |
| Zi log | Z8F2480 [SSOP28]   | (1103) |
| Zi log | Z8F3201 (ISP)      | (138)  |
| Zi log | Z8F3202 (ISP)      | (138)  |
| Zi log | Z8F3221            |        |
| Zi log | Z8F3221 (ISP)      | (138)  |
| Zi log | Z8F3221 [LQFP44]   | (94)   |
| Zi log | Z8F3221 [PLCC44]   | (67)   |

|       |                        |        |
|-------|------------------------|--------|
| Zi1og | Z8F3222 (ISP)          | (138)  |
| Zi1og | Z8F3281AN [LQFP44]     | (3338) |
| Zi1og | Z8F3281AR [LQFP64]     | (3388) |
| Zi1og | Z8F3281QK [QFN32]      | (3337) |
| Zi1og | Z8F3281QN [QFN44]      | (3607) |
| Zi1og | Z8F3282AR [LQFP64]     | (3385) |
| Zi1og | Z8F3282AT [LQFP80]     | (3386) |
| Zi1og | Z8F4801 (ISP)          | (138)  |
| Zi1og | Z8F4802 (ISP)          | (138)  |
| Zi1og | Z8F4803 (ISP)          | (138)  |
| Zi1og | Z8F4821                |        |
| Zi1og | Z8F4821 (ISP)          | (138)  |
| Zi1og | Z8F4821 [LQFP44]       | (94)   |
| Zi1og | Z8F4821 [PLCC44]       | (67)   |
| Zi1og | Z8F4822 (ISP)          | (138)  |
| Zi1og | Z8F4823 (ISP)          | (138)  |
| Zi1og | Z8F4823 [QFP80]        | (631)  |
| Zi1og | Z8F6081AN [LQFP44]     | (3338) |
| Zi1og | Z8F6081AR [LQFP64]     | (3388) |
| Zi1og | Z8F6081QK [QFN32]      | (3337) |
| Zi1og | Z8F6081QN [QFN44]      | (3607) |
| Zi1og | Z8F6082AR [LQFP64]     | (3385) |
| Zi1og | Z8F6082AT [LQFP80]     | (3386) |
| Zi1og | Z8F6401 (ISP)          | (138)  |
| Zi1og | Z8F6402 (ISP)          | (138)  |
| Zi1og | Z8F6403 (ISP)          | (138)  |
| Zi1og | Z8F6421                |        |
| Zi1og | Z8F6421 (ISP)          | (138)  |
| Zi1og | Z8F6421 [LQFP44]       | (94)   |
| Zi1og | Z8F6421 [PLCC44]       | (67)   |
| Zi1og | Z8F6422 (ISP)          | (138)  |
| Zi1og | Z8F6423 (ISP)          | (138)  |
| Zi1og | Z8F6423 [QFP80]        | (631)  |
| Zi1og | Z8F6481AN [LQFP44]     | (3338) |
| Zi1og | Z8F6481AR [LQFP64]     | (3388) |
| Zi1og | Z8F6481QK [QFN32]      | (3337) |
| Zi1og | Z8F6481QN [QFN44]      | (3607) |
| Zi1og | Z8F6482AR [LQFP64]     | (3385) |
| Zi1og | Z8F6482AT [LQFP80]     | (3386) |
| Zi1og | Z8FMC04100 (ISP)       | (138)  |
| Zi1og | Z8FMC04100 [LQFP32]    | (159)  |
| Zi1og | Z8FMC04100 [QFN32]     | (221)  |
| Zi1og | Z8FMC08100 (ISP)       | (138)  |
| Zi1og | Z8FMC08100 [LQFP32]    | (159)  |
| Zi1og | Z8FMC08100 [QFN32]     | (221)  |
| Zi1og | Z8FMC16100 (ISP)       | (138)  |
| Zi1og | Z8FMC16100 [LQFP32]    | (159)  |
| Zi1og | Z8FMC16100 [QFN32]     | (221)  |
| Zi1og | Z8FS021AHH20 [SSOP20]  | (91)   |
| Zi1og | Z8FS040BHH20 [SSOP20]  | (91)   |
| Zi1og | Z8FS040BSB20 (ISP)     | (138)  |
| Zi1og | Z8FS040BSB20 [SOIC8]   | (950)  |
| Zi1og | ZDU00110RFX [TSSOP16]  | (1088) |
| Zi1og | ZDU00110RHX [TSSOP20]  | (1089) |
| Zi1og | ZDU00210QUX [QFN32]    | (1294) |
| Zi1og | ZDU00210RJX [TSSOP28]  | (172)  |
| Zi1og | ZGP323HxH2004 [SSOP20] | (91)   |
| Zi1og | ZGP323HxH2008 [SSOP20] | (91)   |
| Zi1og | ZGP323HxH2016 [SSOP20] | (91)   |
| Zi1og | ZGP323HxH2032 [SSOP20] | (91)   |
| Zi1og | ZGP323HxH2804 [SSOP28] | (1103) |
| Zi1og | ZGP323HxH2808 [SSOP28] | (1103) |
| Zi1og | ZGP323HxH2816 [SSOP28] | (1103) |
| Zi1og | ZGP323HxH2832 [SSOP28] | (1103) |
| Zi1og | ZGP323HxH4804 [SSOP48] | (194)  |
| Zi1og | ZGP323HxH4808 [SSOP48] | (194)  |
| Zi1og | ZGP323HxH4816 [SSOP48] | (194)  |
| Zi1og | ZGP323HxH4832 [SSOP48] | (194)  |
| Zi1og | ZGP323HxK2032          |        |
| Zi1og | ZGP323HxK2832          |        |
| Zi1og | ZGP323HxK4032          |        |
| Zi1og | ZGP323HxP2004          |        |
| Zi1og | ZGP323HxP2008          |        |
| Zi1og | ZGP323HxP2016          |        |
| Zi1og | ZGP323HxP2032          |        |
| Zi1og | ZGP323HxP2804          |        |
| Zi1og | ZGP323HxP2808          |        |
| Zi1og | ZGP323HxP2816          |        |
| Zi1og | ZGP323HxP2832          |        |
| Zi1og | ZGP323HxP4004          |        |
| Zi1og | ZGP323HxP4008          |        |
| Zi1og | ZGP323HxP4016          |        |
| Zi1og | ZGP323HxP4032          |        |
| Zi1og | ZGP323HxS2004 [SOIC20] | (119)  |
| Zi1og | ZGP323HxS2008 [SOIC20] | (119)  |
| Zi1og | ZGP323HxS2016 [SOIC20] | (119)  |
| Zi1og | ZGP323HxS2032 [SOIC20] | (119)  |
| Zi1og | ZGP323HxS2804 [SOIC28] | (51)   |
| Zi1og | ZGP323HxS2808 [SOIC28] | (51)   |
| Zi1og | ZGP323HxS2816 [SOIC28] | (51)   |
| Zi1og | ZGP323HxS2832 [SOIC28] | (51)   |
| Zi1og | ZGP323LxH2004 [SSOP20] | (91)   |
| Zi1og | ZGP323LxH2008 [SSOP20] | (91)   |
| Zi1og | ZGP323LxH2016 [SSOP20] | (91)   |
| Zi1og | ZGP323LxH2032 [SSOP20] | (91)   |
| Zi1og | ZGP323LxH2804 [SSOP28] | (1103) |
| Zi1og | ZGP323LxH2808 [SSOP28] | (1103) |
| Zi1og | ZGP323LxH2816 [SSOP28] | (1103) |
| Zi1og | ZGP323LxH2832 [SSOP28] | (1103) |
| Zi1og | ZGP323LxH4804 [SSOP48] | (194)  |
| Zi1og | ZGP323LxH4808 [SSOP48] | (194)  |
| Zi1og | ZGP323LxH4816 [SSOP48] | (194)  |
| Zi1og | ZGP323LxH4832 [SSOP48] | (194)  |
| Zi1og | ZGP323LxK2032          |        |
| Zi1og | ZGP323LxK2832          |        |
| Zi1og | ZGP323LxK4032          |        |
| Zi1og | ZGP323LxP2004          |        |
| Zi1og | ZGP323LxP2008          |        |
| Zi1og | ZGP323LxP2016          |        |
| Zi1og | ZGP323LxP2032          |        |
| Zi1og | ZGP323LxP2804          |        |
| Zi1og | ZGP323LxP2808          |        |
| Zi1og | ZGP323LxP2816          |        |
| Zi1og | ZGP323LxP2832          |        |
| Zi1og | ZGP323LxP4004          |        |
| Zi1og | ZGP323LxP4008          |        |
| Zi1og | ZGP323LxP4016          |        |
| Zi1og | ZGP323LxP4032          |        |
| Zi1og | ZGP323LxS2004 [SOIC20] | (119)  |
| Zi1og | ZGP323LxS2008 [SOIC20] | (119)  |
| Zi1og | ZGP323LxS2016 [SOIC20] | (119)  |
| Zi1og | ZGP323LxS2032 [SOIC20] | (119)  |
| Zi1og | ZGP323LxS2804 [SOIC28] | (51)   |
| Zi1og | ZGP323LxS2808 [SOIC28] | (51)   |
| Zi1og | ZGP323LxS2816 [SOIC28] | (51)   |
| Zi1og | ZGP323LxS2832 [SOIC28] | (51)   |
| Zi1og | ZLF645x0H2032 [SSOP20] | (91)   |
| Zi1og | ZLF645x0H2064 [SSOP20] | (91)   |

|       |               |          |        |
|-------|---------------|----------|--------|
| zilog | ZLF645x0H2832 | [SSOP28] | (1103) |
| zilog | ZLF645x0H2864 | [SSOP28] | (1103) |
| zilog | ZLF645x0H4832 | [SSOP48] | (194)  |
| zilog | ZLF645x0H4864 | [SSOP48] | (194)  |
| zilog | ZLF645x0P2032 |          |        |
| zilog | ZLF645x0P2064 |          |        |
| zilog | ZLF645x0P2832 |          |        |
| zilog | ZLF645x0P2864 |          |        |
| zilog | ZLF645x0Q2032 | [QFN20]  | (1398) |
| zilog | ZLF645x0Q2064 | [QFN20]  | (1398) |
| zilog | ZLF645x0S2032 | [SOIC20] | (119)  |
| zilog | ZLF645x0S2064 | [SOIC20] | (119)  |
| zilog | ZLF645x0S2832 | [SOIC28] | (51)   |
| zilog | ZLF645x0S2864 | [SOIC28] | (51)   |
| zilog | ZLF645x0xxx32 | [ISP]    | (138)  |
| zilog | ZLF645x0xxx64 | [ISP]    | (138)  |
| zilog | ZLP12840H2028 | [SSOP20] | (91)   |
| zilog | ZLP12840H2032 | [SSOP20] | (91)   |
| zilog | ZLP12840H2064 | [SSOP20] | (91)   |
| zilog | ZLP12840H2096 | [SSOP20] | (91)   |
| zilog | ZLP12840H2828 | [SSOP28] | (1103) |
| zilog | ZLP12840H2832 | [SSOP28] | (1103) |
| zilog | ZLP12840H2864 | [SSOP28] | (1103) |
| zilog | ZLP12840H2896 | [SSOP28] | (1103) |
| zilog | ZLP12840P2028 |          |        |
| zilog | ZLP12840P2032 |          |        |
| zilog | ZLP12840P2064 |          |        |
| zilog | ZLP12840P2096 |          |        |
| zilog | ZLP12840P2828 |          |        |
| zilog | ZLP12840P2832 |          |        |
| zilog | ZLP12840P2864 |          |        |
| zilog | ZLP12840P2896 |          |        |
| zilog | ZLP12840S2028 | [SOIC20] | (119)  |
| zilog | ZLP12840S2032 | [SOIC20] | (119)  |
| zilog | ZLP12840S2064 | [SOIC20] | (119)  |
| zilog | ZLP12840S2096 | [SOIC20] | (119)  |
| zilog | ZLP12840S2828 | [SOIC28] | (51)   |
| zilog | ZLP12840S2832 | [SOIC28] | (51)   |
| zilog | ZLP12840S2864 | [SOIC28] | (51)   |
| zilog | ZLP12840S2896 | [SOIC28] | (51)   |
| zilog | ZLP32300H2004 | [SSOP20] | (91)   |
| zilog | ZLP32300H2008 | [SSOP20] | (91)   |
| zilog | ZLP32300H2016 | [SSOP20] | (91)   |
| zilog | ZLP32300H2032 | [SSOP20] | (91)   |
| zilog | ZLP32300H2804 | [SSOP28] | (1103) |
| zilog | ZLP32300H2808 | [SSOP28] | (1103) |
| zilog | ZLP32300H2816 | [SSOP28] | (1103) |
| zilog | ZLP32300H2832 | [SSOP28] | (1103) |
| zilog | ZLP32300H4804 | [SSOP48] | (194)  |
| zilog | ZLP32300H4808 | [SSOP48] | (194)  |
| zilog | ZLP32300H4816 | [SSOP48] | (194)  |
| zilog | ZLP32300H4832 | [SSOP48] | (194)  |
| zilog | ZLP32300P2004 |          |        |
| zilog | ZLP32300P2008 |          |        |
| zilog | ZLP32300P2016 |          |        |
| zilog | ZLP32300P2032 |          |        |
| zilog | ZLP32300P2804 |          |        |
| zilog | ZLP32300P2808 |          |        |
| zilog | ZLP32300P2816 |          |        |
| zilog | ZLP32300P2832 |          |        |
| zilog | ZLP32300P4004 |          |        |
| zilog | ZLP32300P4008 |          |        |
| zilog | ZLP32300P4016 |          |        |
| zilog | ZLP32300P4032 |          |        |
| zilog | ZLP32300S2004 | [SOIC20] | (119)  |
| zilog | ZLP32300S2008 | [SOIC20] | (119)  |
| zilog | ZLP32300S2016 | [SOIC20] | (119)  |
| zilog | ZLP32300S2032 | [SOIC20] | (119)  |
| zilog | ZLP32300S2804 | [SOIC28] | (51)   |
| zilog | ZLP32300S2808 | [SOIC28] | (51)   |
| zilog | ZLP32300S2816 | [SOIC28] | (51)   |
| zilog | ZLP32300S2832 | [SOIC28] | (51)   |
| ZMD   | U630H04       |          |        |
| ZMD   | U630H04       | [SOP28]  | (51)   |
| ZMD   | U630H16       |          |        |
| ZMD   | U630H16       | [SOP28]  | (51)   |
| ZMD   | U630H64       |          |        |
| ZMD   | U630H64       | [SOP28]  | (53)   |
| ZMD   | U631H16       |          |        |
| ZMD   | U631H16       | [SOP28]  | (51)   |
| ZMD   | U631H256      |          |        |
| ZMD   | U631H256      | [SOP28]  | (53)   |
| ZMD   | U631H64       |          |        |
| ZMD   | U631H64       | [SOP28]  | (53)   |
| ZMD   | U632H16       |          |        |
| ZMD   | U632H16       | [SOIC28] | (51)   |
| ZMD   | U632H64       |          |        |
| ZMD   | U632H64       | [SOIC28] | (53)   |
| ZMD   | U634H256      |          |        |
| ZMD   | U634H256      | [SOIC32] | (98)   |
| ZMD   | U635H16       |          |        |
| ZMD   | U635H16       | [SOP24]  | (1062) |
| ZMD   | U635H256      |          |        |
| ZMD   | U635H256      | [SOP28]  | (53)   |
| ZMD   | U635H64       |          |        |
| ZMD   | U635H64       | [SOP28]  | (53)   |
| ZMD   | U636H04       |          |        |
| ZMD   | U636H04       | [SOP24]  | (1062) |
| ZMD   | U63716        |          |        |
| ZMD   | U637256       |          |        |
| ZMD   | U63764        |          |        |
| ZMD   | U637H256      |          |        |
| ZMD   | UL631H256     |          |        |
| ZMD   | UL631H256     | [SOIC28] | (53)   |
| ZMD   | UL631H256     | [TSOP32] | (655)  |
| ZMD   | UL634H256     | [SOIC32] | (233)  |
| ZMD   | UL634H256     | [TSOP32] | (655)  |
| ZMD   | UL635H256     | [SOIC32] | (233)  |
| ZMD   | UL635H256     | [TSOP32] | (655)  |

Static RAM test

| Manufacturer           | Name               |
|------------------------|--------------------|
| Alliance Semiconductor | AS7C1024           |
| Alliance Semiconductor | AS7C1024 [TSOP32]  |
| Alliance Semiconductor | AS7C256            |
| Alliance Semiconductor | AS7C256 [TSOP28]   |
| Alliance Semiconductor | AS7C256B           |
| Alliance Semiconductor | AS7C256B [TSOP28]  |
| Alliance Semiconductor | AS7C31024          |
| Alliance Semiconductor | AS7C31024 [TSOP32] |
| Alliance Semiconductor | AS7C3256           |
| Alliance Semiconductor | AS7C3256 [TSOP28]  |
| Alliance Semiconductor | AS7C3256A          |
| Alliance Semiconductor | AS7C3256A [TSOP28] |
| AMD                    | AM9101             |

|                   |                                   |
|-------------------|-----------------------------------|
| AMD               | AM9111                            |
| AMD               | AM91L01                           |
| AT&T              | ATT7C108                          |
| AT&T              | ATT7C109                          |
| Atmel             | AT3864                            |
| Brilliance Semic. | BS62LV1025                        |
| Brilliance Semic. | BS62LV1025 [SOP32]                |
| Brilliance Semic. | BS62LV1025 [TSOP32]               |
| Brilliance Semic. | BS62LV1027                        |
| Brilliance Semic. | BS62LV1027 [SOP32]                |
| Brilliance Semic. | BS62LV1027 [TSOP32]               |
| Brilliance Semic. | BS62LV256P                        |
| Brilliance Semic. | BS62LV256S [SOP28]                |
| Brilliance Semic. | BS62LV256T [TSOP28]               |
| Brilliance Semic. | BS62LV4006                        |
| Brilliance Semic. | BS62LV4006E [TSOP32]              |
| Cypress           | 7C128                             |
| Cypress           | 7C128A                            |
| Cypress           | CY6116A                           |
| Cypress           | CY62128BLL [R-TSOP32]             |
| Cypress           | CY62128BLL [SOIC32]               |
| Cypress           | CY62128BLL [TSOP32 11.8mm]        |
| Cypress           | CY62128BLL [TSOP32]               |
| Cypress           | CY62128EV30LL [SOIC32]            |
| Cypress           | CY62128EV30LL [TSOP32 11.8mm]     |
| Cypress           | CY62128EV30LL [TSOP32]            |
| Cypress           | CY62128VLL                        |
| Cypress           | CY62128VLL [R-TSOP32]             |
| Cypress           | CY62128VLL [SOIC32]               |
| Cypress           | CY62128VLL [TSOP32]               |
| Cypress           | CY62148BLL [SOIC32]               |
| Cypress           | CY62148ELL [SOIC32]               |
| Cypress           | CY62256                           |
| Cypress           | CY6264                            |
| Cypress           | CY6264 [SOIC28]                   |
| Cypress           | CY7C1009 [SOJ32-300mil]           |
| Cypress           | CY7C1009B [TSOP32]                |
| Cypress           | CY7C101A                          |
| Cypress           | CY7C1041C [TSOP44]                |
| Cypress           | CY7C1041CV33 [TSOP44]             |
| Cypress           | CY7C1041D [TSOP44]                |
| Cypress           | CY7C1041DV33 [TSOP44]             |
| Cypress           | CY7C109 [SOJ32-400mil]            |
| Cypress           | CY7C109 [TSOP32]                  |
| Cypress           | CY7C128                           |
| Cypress           | CY7C1399 [SOJ28]                  |
| Cypress           | CY7C1399 [TSOP28]                 |
| Cypress           | CY7C150                           |
| Cypress           | CY7C164                           |
| Cypress           | CY7C166                           |
| Cypress           | CY7C168A                          |
| Cypress           | CY7C185                           |
| Cypress           | CY7C185 [TSOP28]                  |
| Cypress           | CY7C192                           |
| Cypress           | CY7C194                           |
| Cypress           | CY7C199                           |
| Cypress           | CY7C199 [TSOP28]                  |
| EDI               | EDI8808                           |
| EDI               | EDI8833                           |
| EDI               | EDI8M8128C                        |
| EliteMT           | LP6116                            |
| EliteMT           | LP621024                          |
| EliteMT           | LP62256                           |
| EliteMT           | LP6264                            |
| Everspin Techn.   | MR0A08B [TSOP44](test, like sRAM) |
| Everspin Techn.   | MR4A08B [TSOP44](test, like sRAM) |
| Fairchild         | 93L422                            |
| Fujitsu           | MB8416A                           |
| Fujitsu           | MB84256                           |
| Fujitsu           | MB8464                            |
| Generic-RAM       | 6116(3.3V)                        |
| Generic-RAM       | 6116(5V)                          |
| Generic-RAM       | 6164(3.3V)                        |
| Generic-RAM       | 6164(5V)                          |
| Generic-RAM       | 621000(3.3V)                      |
| Generic-RAM       | 621000(5V)                        |
| Generic-RAM       | 622000(3.3V)                      |
| Generic-RAM       | 622000(5V)                        |
| Generic-RAM       | 62256(3.3V)                       |
| Generic-RAM       | 62256(5V)                         |
| Generic-RAM       | 624000(3.3V)                      |
| Generic-RAM       | 624000(5V)                        |
| Goldstar (LGS)    | GM76C256BLL                       |
| Goldstar (LGS)    | GM76C256BLL [SOP28]               |
| Goldstar (LGS)    | GM76C28                           |
| Goldstar (LGS)    | GM76C28 [SOP24]                   |
| Goldstar (LGS)    | GM76C8128                         |
| Goldstar (LGS)    | GM76C8128 [SOP32]                 |
| Goldstar (LGS)    | GM76C88                           |
| Goldstar (LGS)    | GM76C88 [SOP28]                   |
| Harris            | HM-6514                           |
| Harris            | HM6516                            |
| Harris            | HM65642                           |
| Harris            | HM8832                            |
| Hitachi           | HA24257AKB                        |
| Hitachi           | HM6116                            |
| Hitachi           | HM6116 [SOP24]                    |
| Hitachi           | HM6216514TT [TSOP44]              |
| Hitachi           | HM62256                           |
| Hitachi           | HM6264                            |
| Hitachi           | HM628128ALP                       |
| Hitachi           | HM628128ALP [SOP32]               |
| Hitachi           | HM628128ALP [TSOP32]              |
| Hitachi           | HM62828                           |
| Hitachi           | HM628512                          |
| Hitachi           | HM628512 [SOP32]                  |
| Hitachi           | HM65256                           |
| Hitachi           | HM6716                            |
| Holtek            | HT6116                            |
| Holtek            | HT6264                            |
| Honeywell         | XD50-FCL (HY628100B)              |
| Hynix             | GM76C256                          |
| Hynix             | GM76C256 [SOP28]                  |
| Hynix             | GM76C256 [TSOP28]                 |
| Hynix             | GM76V256                          |
| Hynix             | GM76V256 [SOP28]                  |
| Hynix             | GM76V256 [TSOP28]                 |
| Hynix             | HY628100A                         |
| Hynix             | HY628100A [R-TSOP32]              |
| Hynix             | HY628100A [SOP32]                 |
| Hynix             | HY628100A [TSOP32]                |
| Hynix             | HY628100B                         |
| Hynix             | HY628100B [SOP32]                 |
| Hynix             | HY628100B [TSOP32]                |
| Hynix             | HY628400                          |
| Hynix             | HY628400 [R-TSOP32]               |
| Hynix             | HY628400 [SOP32]                  |
| Hynix             | HY628400 [TSOP32]                 |

|            |                       |
|------------|-----------------------|
| Hynix      | HY628400A             |
| Hynix      | HY628400A [R-TSOP32]  |
| Hynix      | HY628400A [SOP32]     |
| Hynix      | HY628400A [TSOP32]    |
| Hynix      | HY62CT08081E          |
| Hynix      | HY62CT08081E [SOP28]  |
| Hynix      | HY62CT08081E [TSOP28] |
| Hynix      | HY62KT08081E          |
| Hynix      | HY62KT08081E [SOP28]  |
| Hynix      | HY62KT08081E [TSOP28] |
| Hynix      | HY62U8100B            |
| Hynix      | HY62U8100B [R-TSOP32] |
| Hynix      | HY62U8100B [SOP32]    |
| Hynix      | HY62U8100B [TSOP32]   |
| Hynix      | HY62U8200B            |
| Hynix      | HY62U8200B [SOP32]    |
| Hynix      | HY62U8200B [TSOP32]   |
| Hynix      | HY62U8400A            |
| Hynix      | HY62U8400A [R-TSOP32] |
| Hynix      | HY62U8400A [SOP32]    |
| Hynix      | HY62U8400A [TSOP32]   |
| Hynix      | HY62UT08081E          |
| Hynix      | HY62UT08081E [SOP28]  |
| Hynix      | HY62UT08081E [TSOP28] |
| Hynix      | HY62V8100B            |
| Hynix      | HY62V8100B [R-TSOP32] |
| Hynix      | HY62V8100B [SOP32]    |
| Hynix      | HY62V8100B [TSOP32]   |
| Hynix      | HY62V8200B            |
| Hynix      | HY62V8200B [SOP32]    |
| Hynix      | HY62V8200B [TSOP32]   |
| Hynix      | HY62V8400A            |
| Hynix      | HY62V8400A [R-TSOP32] |
| Hynix      | HY62V8400A [SOP32]    |
| Hynix      | HY62V8400A [TSOP32]   |
| Hynix      | HY62VT08081E          |
| Hynix      | HY62VT08081E [SOP28]  |
| Hynix      | HY62VT08081E [TSOP28] |
| Hynix      | HY62WT08081E          |
| Hynix      | HY62WT08081E [SOP28]  |
| Hynix      | HY62WT08081E [TSOP28] |
| Hyundai    | HY6116                |
| Hyundai    | HY62256               |
| Hyundai    | HY62256 [R-TSOP28]    |
| Hyundai    | HY62256 [SOP28]       |
| Hyundai    | HY62256 [TSOP28]      |
| Hyundai    | HY6264                |
| Hyundai    | HY6264 [SOP28]        |
| Hyundai    | HY628100              |
| Hyundai    | HY628100 [R-TSOP32]   |
| Hyundai    | HY628100 [SOP32]      |
| Hyundai    | HY628100 [TSOP32]     |
| Hyundai    | HY628100A             |
| Hyundai    | HY628100A [R-TSOP32]  |
| Hyundai    | HY628100A [SOP32]     |
| Hyundai    | HY628100A [TSOP32]    |
| Hyundai    | HY628100B             |
| Hyundai    | HY628100B [SOP32]     |
| Hyundai    | HY628100B [TSOP32]    |
| Hyundai    | HY628400              |
| Hyundai    | HY628400 [R-TSOP32]   |
| Hyundai    | HY628400 [SOP32]      |
| Hyundai    | HY628400 [TSOP32]     |
| Hyundai    | HY628400A             |
| Hyundai    | HY628400A [R-TSOP32]  |
| Hyundai    | HY628400A [SOP32]     |
| Hyundai    | HY628400A [TSOP32]    |
| Hyundai    | HY62CT08081E          |
| Hyundai    | HY62CT08081E [SOP28]  |
| Hyundai    | HY62CT08081E [TSOP28] |
| Hyundai    | HY62KT08081E          |
| Hyundai    | HY62KT08081E [SOP28]  |
| Hyundai    | HY62KT08081E [TSOP28] |
| Hyundai    | HY62U8100B            |
| Hyundai    | HY62U8100B [R-TSOP32] |
| Hyundai    | HY62U8100B [SOP32]    |
| Hyundai    | HY62U8100B [TSOP32]   |
| Hyundai    | HY62U8200B            |
| Hyundai    | HY62U8200B [SOP32]    |
| Hyundai    | HY62U8200B [TSOP32]   |
| Hyundai    | HY62U8400A            |
| Hyundai    | HY62U8400A [R-TSOP32] |
| Hyundai    | HY62U8400A [SOP32]    |
| Hyundai    | HY62U8400A [TSOP32]   |
| Hyundai    | HY62UT08081E          |
| Hyundai    | HY62UT08081E [SOP28]  |
| Hyundai    | HY62UT08081E [TSOP28] |
| Hyundai    | HY62V8100B            |
| Hyundai    | HY62V8100B [R-TSOP32] |
| Hyundai    | HY62V8100B [SOP32]    |
| Hyundai    | HY62V8100B [TSOP32]   |
| Hyundai    | HY62V8200B            |
| Hyundai    | HY62V8200B [SOP32]    |
| Hyundai    | HY62V8200B [TSOP32]   |
| Hyundai    | HY62V8400A            |
| Hyundai    | HY62V8400A [R-TSOP32] |
| Hyundai    | HY62V8400A [SOP32]    |
| Hyundai    | HY62V8400A [TSOP32]   |
| Hyundai    | HY62VT08081E          |
| Hyundai    | HY62VT08081E [SOP28]  |
| Hyundai    | HY62VT08081E [TSOP28] |
| Hyundai    | HY62WT08081E          |
| Hyundai    | HY62WT08081E [SOP28]  |
| Hyundai    | HY62WT08081E [TSOP28] |
| IDT        | IDT6116A              |
| Inova      | S128K8                |
| Intel      | 2101A                 |
| Intel      | S101L                 |
| Intel      | 8101A                 |
| Intersil   | CDP1824               |
| Intersil   | HM-6551/833           |
| Intersil   | HM-6551/883           |
| ISSI       | IS61C256AH            |
| ISSI       | IS61C256AH [TSOP28]   |
| ISSI       | IS61LV256 [TSOP28]    |
| ISSI       | IS62C1024 [SOP32]     |
| ISSI       | IS62C1024 [TSOP32]    |
| ISSI       | IS62C25616BL [TSOP44] |
| ISSI       | IS62C256AH [SOP28]    |
| ISSI       | IS62C256AH [TSOP28]   |
| ISSI       | IS62LV256 [R-TSOP28]  |
| ISSI       | IS62LV256 [SOP28]     |
| ISSI       | IS62LV256 [TSOP28]    |
| ISSI       | IS64C1024L [TSOP32]   |
| Micron     | VT20C19               |
| Mitsubishi | 5M5517                |
| Mitsubishi | M58725                |
| Mitsubishi | M5M51008              |

|                    |                        |
|--------------------|------------------------|
| Mitsubishi         | M5M5115                |
| Mitsubishi         | M5M5165                |
| Mitsubishi         | M5M5255                |
| Mitsubishi         | M5M5256                |
| Mitsubishi         | M5M5408                |
| Mosel Vitelic      | V61C16                 |
| Mosel Vitelic      | V61C518256 [TSOP28]    |
| Mosel Vitelic      | V62C518256LL           |
| Mosel Vitelic      | V62C518256LL [SOP28]   |
| Mosel Vitelic      | V62C518256LL [TSOP28]  |
| Mosel Vitelic      | V62C51864              |
| Mosel Vitelic      | V62C51864 [SOP28]#DC   |
| Mostek             | MK4802                 |
| Motorola           | MCM6206                |
| Motorola (ON Semi) | MCM2018A               |
| Motorola (ON Semi) | MCM4016                |
| Motorola (ON Semi) | MCM5101                |
| Motorola (ON Semi) | MCM65116               |
| Motorola (ON Semi) | MCM6810                |
| National Semicond. | MM2101                 |
| National Semicond. | MM2102A                |
| National Semicond. | NMC61256               |
| National Semicond. | NMC6164                |
| NEC                | uPD431000              |
| NEC                | uPD431000A             |
| NEC                | uPD431000A [SOP32]     |
| NEC                | uPD431000A [TSOP32]    |
| NEC                | uPD431999              |
| NEC                | uPD43256               |
| NEC                | uPD43256B              |
| NEC                | uPD43256B [SOP28]      |
| NEC                | uPD43256B [TSOP28]     |
| NEC                | uPD434000              |
| NEC                | uPD4364                |
| NEC                | uPD446                 |
| NTE                | NTE2114                |
| OKI                | MSM2128                |
| OKI                | MSM5128                |
| OKI                | MSM521001              |
| Paradigm           | PDM41256SA             |
| Paradigm           | PDM41256SA [TSOP28]    |
| Philips            | PCD5101P               |
| Renesas            | HM6216514TT [TSOP44]   |
| Renesas            | R1LP0108ES [SOIC32]    |
| Renesas            | R1LP0108ES [TSOP32]    |
| Rohm               | BR62256                |
| Samsung            | K6R1016V1D [TSOP44]    |
| Samsung            | K6R4008C1D [TSOP44]    |
| Samsung            | K6R4016V1D [TSOP44]    |
| Samsung            | K6X0808C1D             |
| Samsung            | K6X0808C1D [R-TSOP28]  |
| Samsung            | K6X0808C1D [SOP28]     |
| Samsung            | K6X0808C1D [TSOP28]    |
| Samsung            | K6X1008C2D             |
| Samsung            | K6X1008C2D [SOP32]     |
| Samsung            | K6X1008C2D [TSOP32]    |
| Samsung            | K6X4008C1F             |
| Samsung            | K6X4008C1F [R-TSOP32]  |
| Samsung            | K6X4008C1F [SOP32]     |
| Samsung            | K6X4008C1F [TSOP32]    |
| Samsung            | K6X8016C3B [TSOP44]    |
| Samsung            | KM62256                |
| Samsung            | KM62256 [R-TSOP28]     |
| Samsung            | KM62256 [SOP28]        |
| Samsung            | KM62256 [TSOP28]       |
| Samsung            | KM6264                 |
| Samsung            | KM681000               |
| Samsung            | KM681000 [R-TSOP32]    |
| Samsung            | KM681000 [SOP32]       |
| Samsung            | KM681000 [TSOP32]      |
| Samsung            | KM6816                 |
| Samsung            | KM68257 [TSOP28]       |
| Samsung            | KM684000               |
| Samsung            | KM684000 [SOP32]       |
| Sanyo              | LC3514                 |
| Sanyo              | LC3517                 |
| Sanyo              | LC361000 [R-TSOP32]    |
| Sanyo              | LC361000 [SOP32]       |
| Sanyo              | LC361000 [TSOP32]      |
| Seiko Instruments  | SRM2016                |
| STMicroelectronics | M68AF031AMxxB          |
| STMicroelectronics | M68AF031AMxxMS [SOP28] |
| STMicroelectronics | M68AF031AMxxN [TSOP28] |
| STMicroelectronics | MK6116                 |
| Sharp              | LH5116                 |
| Sharp              | LH5118H                |
| Sharp              | LH51256                |
| Sharp              | LH5168                 |
| Sharp              | LH521007               |
| Sharp              | LH521008               |
| Sharp              | LH52256                |
| SMOS               | SRM20100LLC            |
| Sony               | CXK581000              |
| Sony               | CXK581001              |
| Sony               | CXK581020              |
| Sony               | CXK5814P               |
| Sony               | CXK5816                |
| Sony               | CXK58257               |
| Sony               | CXK58258               |
| Sony               | CXK584000              |
| Sony               | CXK584001              |
| Sony               | CXK5864                |
| Syntek             | SY2128                 |
| TI (TMS)           | TMS4016                |
| Toshiba            | TC2018                 |
| Toshiba            | TC518128               |
| Toshiba            | TC551001               |
| Toshiba            | TC5516A                |
| Toshiba            | TC5517                 |
| Toshiba            | TC5517 [SOP24]         |
| Toshiba            | TC55257                |
| Toshiba            | TC55257 [SOP28]        |
| Toshiba            | TC554001AF [SOP32]     |
| Toshiba            | TC554001FI [SOP32]     |
| Toshiba            | TC554001FTI [TSOP32]   |
| Toshiba            | TC554002               |
| Toshiba            | TC5564                 |
| Toshiba            | TC5564 [SOP28]         |
| Toshiba            | TC5565                 |
| Toshiba            | TC5565 [SOP28]         |
| Toshiba            | TMM2016                |
| Toshiba            | TMM2063                |
| Toshiba            | TMM2088                |
| Toshiba            | TMM314APL              |
| UMC                | UM611024               |
| UMC                | UM611024 [SOP32]       |
| UMC                | UM6116                 |
| UMC                | UM6116 [SOP24]         |

|         |                  |
|---------|------------------|
| UMC     | UM6167           |
| UMC     | UM621024         |
| UMC     | UM621024 [SOP32] |
| UMC     | UM6216           |
| UMC     | UM62256          |
| UMC     | UM62256 [SOP28]  |
| UMC     | UM6264           |
| UMC     | UM6264 [SOP28]   |
| winbond | w24257A          |
| winbond | w24257A [TSOP28] |

NOTES (needed additional modules and programming adapters):

(2) 2708 module  
(17) DIL32/SDIP64 ZIF NEC78K-1  
(19) DIL32/QFP80 ZIF NEC78P05x  
(20) DIL32/TQFP80 ZIF NEC78P05x  
(39) DIL32/QFP80 HD6473726H  
(40) DIL32/QFP80 HD6473726F  
(41) HS3257ESH01H; Hitachi  
(42) HS3257ESS01H; Hitachi  
(43) HS3257ESC01H; Hitachi  
(44) DIL16w/SOIC16 ZIF 150mil or DIL16/SOIC16 ZIF 150mil  
(46) DIL8w/SOIC8 ZIF 200mil or DIL16/SOIC16 ZIF 200mil  
(47) DIL20/PLCC20 ZIF-CS or DIL20/PLCC20 ZIF or DIL20w/PLCC20 ZIF  
(48) DIL28/PLCC28 ZIF or DIL28/PLCC28 ZIF-CS  
(51) DIL28w/SOIC28 ZIF 300mil or DIL28/SOIC28 ZIF 300mil  
(53) DIL28/SOIC28 ZIF 330mil  
(54) DIL28/TSOP28 ZIF 11.8mm  
(56) DIL40/TSOP40 ZIF-CS 12.4mm  
(57) DIL48/TSOP48 ZIF 18.4mm  
(59) DIL32/PLCC32 ZIF or DIL32/PLCC32 ZIF-CS  
(65) DIL44/PSOP44 ZIF 600mil  
(67) DIL44/PLCC44 ZIF or DIL44/PLCC44 ZIF-CS  
(73) DIL48/SSOP56 ZIF Flash-1  
(74) DIL48/SSOP56 ZIF Flash-2  
(75) DIL48/SSOP56 ZIF Flash-3  
(76) DIL40/PLCC52 ZIF DS87C530  
(77) DIL48/PLCC68 PZX064  
(79) DIL40/PLCC68 ZIF PIC-1  
(80) DIL40/PLCC68 ZIF PIC-2  
(83) DIL48/PLCC68 ZIF MCS51-1  
(84) DIL48/PLCC68 ZIF MCS196-1  
(86) DIL48/PLCC84 ZIF MCS196-2  
(87) DIL48/SDIP52 SDA545xOTP  
(88) DIL48/PLCC84 ZIF PLD-1  
(89) DIL48/PLCC84 ZIF PLD-2  
(90) DIL48/PLCC84 ZIF PLD-3  
(91) DIL20w/SSOP20 ZIF 200mil or DIL34w/SSOP34 ZIF 200mil or DIL34/SSOP34 ZIF 200mil  
(94) DIL44/TQFP44-1 ZIF or DIL44/TQFP44-1 ZIF-CS  
(96) DIL48/PLCC68 ZIF MCS51-2  
(97) DIL48/QFP80-1 ZIF MCS51-1  
(98) DIL44/SOIC44 ZIF-CS  
(101) DIL32/SDIP64-1 ZIF Toshiba-BM1136  
(102) PwB-F-ADP32-220; Toshiba  
(103) DIL40/TQFP64 ZIF AVRmega-2  
(104) DIL40/TQFP64 ZIF PIC-1A  
(106) DIL44/TQFP44-3 ZIF  
(108) DIL44/TQFP44-2 ZIF  
(110) DIL48/PLCC52 ZIF-CS 68HC05Bx or DIL48/PLCC52 ZIF 68HC05Bx  
(111) DIL48/PLCC52 ZIF-CS 68HC11 or DIL48/PLCC52 ZIF 68HC11  
(112) DIL48/QFP64 ZIF 68HC-1  
(113) DIL48/QFP64 ZIF 68HC-2  
(114) DIL48/PLCC68 ZIF 68HC11  
(115) DIL48/TQFP64 ZIF HC908-1  
(119) DIL20w/SOIC20 ZIF 300mil or DIL20/SOIC20 ZIF 300mil  
(121) DIL8w/TSSOP8 ZIF 170mil or DIL24/TSSOP24 ZIF 170mil  
(138) Note: via ISP connector  
(143) ROM-64QF-32DP-8LA2; Sun Hayato Co.  
(144) ROM-64QF2-32DP-8LA; Sun Hayato Co.  
(145) ROM-64SD-32DP-8LA2; Sun Hayato Co.  
(146) ROM-64SD-28DP-8L; Sun Hayato Co.  
(147) DIL40/PLCC68 ZIF DS87C550  
(148) DIL40/MQFP52 ZIF ADuC812  
(149) DIL44/TSOP44-II ZIF 400mil  
(150) DIL40/TQFP80-1 ZIF AWM-1  
(151) DIL40/PLCC52 ZIF MCS51-2  
(152) DIL40/VQFP64 ZIF AWM-1  
(155) DIL40/PLCC44 ZIF W-EPROM / MCS51  
(156) DIL40/PLCC52 ZIF AWM-1  
(157) DIL40/SOIC20 ZIF AWM-1  
(158) DIL48/TQFP64 ZIF MSC1210  
(159) DIL32/TQFP32-1 ZIF or DIL32/TQFP32-1 ZIF-CS  
(161) DIL48/PQFP100 ZIF PLD-1  
(162) DIL48/TQFP100-2 ZIF PLD-1  
(164) DIL42/SDIP42 ZIF 600mil  
(165) DIL32/TSOP32 ZIF 18.4mm Flash  
(168) PA-5112-48Q; Logical Systems Corp.  
(172) DIL28/TSSOP28 ZIF 170mil  
(173) DIL48/PQFP144 ZIF ST10-1  
(174) DIL48/TQFP48-1 ZIF  
(175) DIL32/SDIP32 ZIF 400mil  
(176) DIL48/TQFP100 ZIF PLD-2  
(178) DIL40/PLCC68 ZIF AWM-1  
(179) ROM-80QF-32DP-8LA; Sun Hayato Co.  
(180) DIL48/QFP64 ZIF MSP430-1  
(182) DIL48/MQFP80 ZIF C500  
(192) DIL48/PLCC68 ZIF PLD-1  
(194) DIL48/SSOP48 ZIF 300mil  
(203) DIL48/QFP100 ZIF isplSI-1  
(221) DIL32/MLF32-1 ZIF-CS  
(222) DIL40/PLCC84 ZIF PIC-1  
(223) DIL40/TQFP44 ZIF PIC-1  
(225) DIL48/TQFP64-1 ZIF ST7-1 or DIL48/TQFP64-1 ZIF-CS ST7-1  
(230) DIL40/VQFP64 ZIF AWM-3  
(231) DIL44/MLF44-1 ZIF-CS  
(233) DIL32/SOIC32 ZIF 300mil  
(234) DIL48/QFP100-1 ZIF MSP430  
(236) DIL48/TQFP64-2 ZIF ST7-1  
(237) DIL40/TQFP80-1 ZIF PIC-1A  
(239) PWA-DL-ADP-350-1881; Toshiba  
(240) DIL32/SDIP28 ZIF Toshiba-BM11196  
(241) DIL40/QFP64-1 ZIF-CS NEC-1  
(242) DIL48/PQFP100 ZIF ST92Fxxx or DIL48/PQFP100 ZIF-CS ST92Fxxx  
(243) DIL48/TQFP100 ZIF ST92Fxxx  
(244) DIL48/PQFP100 ZIF ST10-1  
(246) DIL48/MQFP80 ZIF C164  
(247) BM11104; Toshiba  
(248) BM11105; Toshiba  
(249) BM11162; Toshiba  
(250) BM11163; Toshiba  
(251) BM11172; Toshiba or BM11672; Toshiba  
(252) BM11180A; Toshiba  
(253) BM11182; Toshiba  
(254) BM11183; Toshiba  
(255) BM11184; Toshiba  
(256) BM1185A; Toshiba

(257) BM11187; Toshiba  
(258) BM11189; Toshiba  
(259) BM11190; Toshiba  
(260) BM11195; Toshiba  
(261) BM11197; Toshiba  
(262) BM11203; Toshiba  
(263) BM11204; Toshiba  
(264) BM11205; Toshiba  
(265) BM11206; Toshiba  
(266) BM11707; Toshiba  
(267) BM11107; Toshiba  
(268) BM11125; Toshiba  
(269) BM11126; Toshiba  
(270) BM11116; Toshiba  
(271) BM11122; Toshiba  
(272) BM1138; Toshiba  
(274) BM11143; Toshiba  
(275) BM1183A; Toshiba  
(276) BM1137; Toshiba  
(277) BM1136; Toshiba  
(278) BM11121; Toshiba  
(279) BM1163; Toshiba  
(280) BM11147; Toshiba  
(281) BM1150B; Toshiba  
(282) BM11120; Toshiba  
(283) BM11124; Toshiba  
(284) BM1188; Toshiba  
(285) BM11146A; Toshiba  
(286) BM11127; Toshiba  
(287) BM1173; Toshiba  
(288) BM11155; Toshiba  
(289) BM11156; Toshiba  
(290) BM11100; Toshiba  
(291) BM11101; Toshiba  
(292) BM11115; Toshiba  
(293) BM11102; Toshiba  
(294) BM11103; Toshiba  
(295) BM11170; Toshiba  
(296) BM1187; Toshiba  
(297) BM11113; Toshiba  
(298) BM1140; Toshiba  
(299) BM1141; Toshiba  
(300) BM1156; Toshiba  
(304) BM11108; Toshiba  
(305) BM1193; Toshiba  
(306) BM1194C; Toshiba or BM11594; Toshiba  
(307) BM11174A; Toshiba  
(308) BM11175A; Toshiba  
(309) BM11174; Toshiba  
(310) BM11175; Toshiba  
(311) BM11167; Toshiba  
(312) BM11168; Toshiba  
(313) BM11110A; Toshiba  
(314) BM11111A; Toshiba  
(315) BM11131; Toshiba  
(316) BM11157; Toshiba  
(317) BM11150; Toshiba  
(318) BM11112; Toshiba  
(319) BM11136; Toshiba  
(320) BM11118; Toshiba  
(321) BM11138; Toshiba  
(322) BMA1101; Toshiba  
(323) BMA1102; Toshiba  
(324) BM11129; Toshiba  
(325) BM11179; Toshiba  
(326) BM11109; Toshiba  
(327) BM1198; Toshiba  
(328) BM1199; Toshiba  
(329) ROM-48QF2-28DP-8L; Sun Hayato Co.  
(330) ROM-64SD-28DP-8L4; Sun Hayato Co.  
(331) ROM-64QF-28DP-8L4; Sun Hayato Co.  
(332) ROM-80QF-28DP-8L3; Sun Hayato Co.  
(333) ROM-80QF2-28DP-8L2; Sun Hayato Co.  
(334) ROM-80SQF-28DP-8L; Sun Hayato Co.  
(335) ROM-64QF2-28DP-8L2; Sun Hayato Co.  
(336) ROM-64QF-28DP-8L3; Sun Hayato Co.  
(337) ROM-28DP-28DP-8L; Sun Hayato Co.  
(338) ROM-28SOP-28DP-8L; Sun Hayato Co.  
(339) ROM-64BCC-32DP-8LA-FJ; Sun Hayato Co.  
(340) ROM-100SQF-32DP-8LA2; Sun Hayato Co.  
(341) ROM-100SQF-32DP-8LA; Sun Hayato Co.  
(342) ROM-80SQF-32DP-8LA; Sun Hayato Co.  
(343) ROM-80QF-32DP-8LA2; Sun Hayato Co.  
(344) ROM-80QF2-32DP-8LA; Sun Hayato Co.  
(345) ROM2-64LQF-32DP-8LA; Sun Hayato Co.  
(346) ROM2-64QF2-32DP-8LA2; Sun Hayato Co.  
(347) ROM-48QF-28DP-8L; Sun Hayato Co.  
(348) ROM-64QF2-28DP-8L; Sun Hayato Co.  
(349) ROM-64QF-28DP-8L; Sun Hayato Co.  
(350) ROM-80QF-28DP-8L2; Sun Hayato Co.  
(351) ROM-80QF2-28DP-8L; Sun Hayato Co.  
(352) ROM-100SQF-28DP-8L; Sun Hayato Co.  
(353) ROM-100QF-28DP-8L2; Sun Hayato Co.  
(354) ROM-64QF-28DP-8L5; Sun Hayato Co.  
(355) ROM-100QF-32DP-8LA; Sun Hayato Co.  
(356) ROM-80QF2-28DP-8L3; Sun Hayato Co.  
(357) ROM-48QF-28DP-8L3; Sun Hayato Co.  
(358) ROM-64QF2-28DP-8L3; Sun Hayato Co.  
(359) ROM2-48LQF-32DP-8LA; Sun Hayato Co.  
(360) ROM2-48QF2-32DP-8LA; Sun Hayato Co.  
(361) ROM2-48QF-32DP-8LA; Sun Hayato Co.  
(362) ROM-100SQF-32DP-16L; Sun Hayato Co.  
(363) ROM-100SQF-32DP-FFMC-16L; Sun Hayato Co.  
(364) ROM-100QF-32DP-FFMC-16L; Sun Hayato Co.  
(365) ROM-100QF-32DP-16L; Sun Hayato Co.  
(366) ROM-64SD-32DP-16L; Sun Hayato Co.  
(367) ROM-64SF-32DP-16L; Sun Hayato Co. or ROM-64QF-32DP-16L; Sun Hayato Co.  
(368) ROM-80SQF-32DP-16L; Sun Hayato Co.  
(369) ROM-80QF-32DP-16L; Sun Hayato Co.  
(370) ROM-80QF-32DP-16F; Sun Hayato Co.  
(371) ROM-120QF-32DP-16F; Sun Hayato Co.  
(372) PCA7442SP; Renesas Technology  
(373) PCA7442FPG02; Renesas Technology  
(374) PCA7441; Renesas Technology  
(375) PCA7448; Renesas Technology  
(376) PCA7414; Renesas Technology  
(377) PCA7425; Renesas Technology  
(379) PCA7431; Renesas Technology  
(380) PCA7440FP; Renesas Technology  
(381) PCA7440FS; Renesas Technology  
(382) PCA4738S-42A; Renesas Technology  
(383) PCA4738F-42A; Renesas Technology  
(384) PCA4738H-80A; Renesas Technology  
(385) PCA4738L-80A; Renesas Technology  
(386) PCA4738F-80A; Renesas Technology  
(387) PCA4738G-80A; Renesas Technology  
(388) PCA7438F-64A; Renesas Technology  
(389) PCA7438H-64A; Renesas Technology



(390) PCA4738F-100A; Renesas Technology  
(391) PCA4738G-100A; Renesas Technology  
(392) PCA4738L-100A; Renesas Technology  
(393) PCA7435SPG02; Renesas Technology  
(394) PCA7435FPG02; Renesas Technology  
(395) PCA7435GPG03; Renesas Technology  
(396) PCA7419; Renesas Technology  
(397) PCA7446; Renesas Technology  
(398) PCA7412F-100; Renesas Technology  
(399) PCA7412G-100; Renesas Technology  
(400) PCA7412L-100; Renesas Technology  
(401) PCA7413F-80; Renesas Technology  
(402) PCA7302E1F-80; Renesas Technology  
(403) PCA4774G05; Renesas Technology  
(404) PCA4708G05; Renesas Technology  
(405) PCA7422GPG02; Renesas Technology  
(406) PCA7422GSG02; Renesas Technology  
(407) PCA7447FP; Renesas Technology  
(409) PCA4738FF-64; Renesas Technology  
(411) PCA4738HF-80; Renesas Technology  
(412) PCA4738GF-80; Renesas Technology  
(413) PCA4738FF-100; Renesas Technology  
(414) HS3042ESNS1H; Hitachi Ltd.  
(415) HS3042ESHS1H; Hitachi Ltd.  
(416) HS3217ESSS1H; Hitachi Ltd.  
(417) HS3217ESHS1H; Hitachi Ltd.  
(418) HS3217ESNS1H; Hitachi Ltd.  
(419) HS3297ESSS1H; Hitachi Ltd.  
(420) HS3297ESHS1H; Hitachi Ltd.  
(421) HS3297ESNS1H; Hitachi Ltd.  
(422) HS3337ESHS1H; Hitachi Ltd.  
(423) HS3337ESNS1H; Hitachi Ltd.  
(424) HS3337ESCS1H; Hitachi Ltd.  
(425) HS3437ESHS1H; Hitachi Ltd.  
(426) HS3437ESNS1H; Hitachi Ltd.  
(427) HS3714ESH01H; Hitachi Ltd.  
(428) HS3714ESS01H; Hitachi Ltd.  
(429) HS3836ESH01H; Hitachi Ltd.  
(431) HS3836ESN01H; Hitachi Ltd.  
(432) HS3834ESH01H; Hitachi Ltd.  
(433) HS3834ESF01H; Hitachi Ltd.  
(434) HS3834ESN01H; Hitachi Ltd.  
(435) HS2655ESHS1H; Hitachi Ltd.  
(436) HS2655ESNS1H; Hitachi Ltd.  
(437) HS3048ESNF1H; Hitachi Ltd.  
(438) DIL32/QFP100 ZIF HS3048ESHF1H  
(440) HS3334ESNF1H; Hitachi Ltd.  
(442) HS3434ESHF1H; Hitachi Ltd.  
(444) HS328ESS01H; Hitachi Ltd.  
(446) AS-84-28-05P-6YAM; Emulation Technology  
(447) AS-100-28-04Q-6; Emulation Technology  
(448) AS-128-28-01Q-6YAM; Emulation Technology  
(449) AS-128-28-02Q-6; Emulation Technology  
(450) AS-128-28-04Q-6; Emulation Technology  
(451) AS-160-28-03Q-6; Emulation Technology  
(452) AS-176-28-02Q-6; Emulation Technology  
(453) AS-176-28-03Q-6; Emulation Technology  
(454) AS-208-28-05Q-6; Emulation Technology  
(455) DS1402D-DR8; Dallas  
(457) AS-100-28-06Q-6; Emulation Technology  
(458) DIL40/VQFP64 ZIF AWM-4  
(461) HS538ESG01H; Hitachi Ltd.  
(463) HS538ESH01H; Hitachi Ltd.  
(464) HS5348ESN01H; Hitachi Ltd.  
(467) HS538ESH02H; Hitachi Ltd.  
(468) HS5368ESN01H; Hitachi Ltd.  
(470) DIL48/PLCC84 ZIF PLD-4  
(471) DIL48/PQFP80 ZIF M58BW-1  
(472) DIL48/SSOP90 ZIF Flash-1  
(473) AS-128-28-03Q-6YAM; Emulation Technology  
(474) AS-176-28-01Q-6NEP; Emulation Technology  
(475) AS-208-28-04MQ-6ENP; Emulation Technology  
(476) AS-240-28-01Q-6ENP; Emulation Technology  
(477) AS-160-28-01Q-6; Emulation Technology  
(478) AS-304-28-01Q-6YAM; Emulation Technology  
(479) DIL48/TQFP64 ZIF HC908-2  
(480) AS-100-28-05Q-6YAM; Emulation Technology  
(487) CIC-256BGA-28D-B6-PLA (Rev. 2); California Integration Coordinators  
(496) DIL48/SDIP56 ZIF HC908-1  
(498) DIL40/TQFP52 ZIF EM652X  
(499) DIL40/TQFP64 ZIF EM652X  
(502) CIC-256BGA-28D-A6-PLA; California Integration Coordinators  
(503) CIC-352BGA-28D-A6-PLA; California Integration Coordinators  
(504) DIL40/QFP64-2 ZIF-CS NEC-1  
(505) DIL44/SSOP44 ZIF 240mil  
(507) DIL40/TQFP64 ZIF CC-1  
(508) BGA-0245/0243 = BGA-Bottom-1 + BGA-Top-3 ZIF-CS  
(510) HS5398ESH1H; Hitachi Ltd.  
(511) DIL28/PLCC84 ZIF H8-1  
(513) BGA-0246/0244 = BGA-Bottom-2 + BGA-Top-4 ZIF-CS  
(514) BGA-0246/0243 = BGA-Bottom-2 + BGA-Top-3 ZIF-CS  
(517) DIL40/QFN32 ZIF-CS AWM-1  
(522) DIL32/SDIP64 ZIF H8-1  
(523) DIL8/SOT23-6 ZIF-CS PIC  
(524) DIL48/QFP100 ZIF NEC-1  
(525) DIL32/TSOP32 ZIF 11.8mm  
(526) DIL48/TQFP64-2 ZIF HC908-2  
(527) DIL40/PLCC52 ZIF AWM-2  
(528) DIL40/VQFP64 ZIF AWM-2  
(529) BGA-0245/0265 = BGA-Bottom-1 + BGA-Top-11 ZIF-CS  
(530) BGA-0246/0265 = BGA-Bottom-2 + BGA-Top-11 ZIF-CS  
(531) BGA-0246/0264 = BGA-Bottom-2 + BGA-Top-10 ZIF-CS  
(533) BGA-0245/0267 = BGA-Bottom-1 + BGA-Top-13 ZIF-CS  
(536) BGA-0245/0272 = BGA-Bottom-1 + BGA-Top-14 ZIF-CS  
(537) BGA-0245/0273 = BGA-Bottom-1 + BGA-Top-15 ZIF-CS  
(538) DIL28/QFP52 ZIF-CS SX52  
(539) SEK846P48-80Q; Sun Hayato Co.  
(541) 68PG-40D-Z-1800; Aprilog  
(543) BGA-0245/0259 = BGA-Bottom-1 + BGA-Top-5 ZIF-CS  
(548) AS-08-08-01BG-3-DUAL; Emulation Technology  
(549) BGA-0289/0287 = BGA-Bottom-5 + BGA-Top-21 ZIF-CS  
(550) BGA-0289/0288 = BGA-Bottom-5 + BGA-Top-22 ZIF-CS  
(551) BGA-0289/0290 = BGA-Bottom-5 + BGA-Top-24 ZIF-CS  
(552) BGA-0289/0291 = BGA-Bottom-5 + BGA-Top-25 ZIF-CS  
(553) BGA-0292/0259 = BGA-Bottom-7 + BGA-Top-5 ZIF-CS  
(554) DIL40/SDIP52 ZIF 55x  
(555) AS-14-08-01BG-3; Emulation Technology  
(556) DIL40/QFP80 ZIF M37702  
(557) DIL48/QFP100 ZIF PLD-1  
(559) DIL40/MLF64 ZIF-CS AVR-1  
(560) DIL40/QFP100 ZIF AVR-1  
(561) DIL32/PLCC32 ZIF-CS  
(562) DIL40/PLCC68 ZIF W-1  
(564) DIL40/DIP50 TinyModule or DIL40/DIP50 TinyModule  
(565) DIL40/QFP64 ZIF LPC-1  
(566) DIL40/QFP144 ZIF LPC-1  
(567) DIL48/QFN48 ZIF-CS  
(568) DIL40/QFP64-3 ZIF NEC-1

(569) DIL48/QFP100 ZIF NEC-2  
(570) BGA-0246/0311 = BGA-Bottom-2 + BGA-Top-23 ZIF-CS  
(571) DIL34/SSOP34-1 ZIF-CS  
(572) DIL48/QFP64-1 ZIF C8051  
(573) DIL48/QFP100-1 ZIF C8051  
(574) DIL12/QFN11-1 ZIF-CS  
(575) DIL20/QFN20-1 ZIF or DIL20/QFN20-1 ZIF-CS  
(576) DIL28/QFN28-1 ZIF-CS  
(577) DIL8/QFN8-1 ZIF-CS  
(578) DIL48/EC112 HW-1  
(580) DIL48/QFP80-1 ZIF MSP430  
(581) DIL40/QFP128 ZIF w83L951  
(582) DIL40/QFP80 ZIF w83L950  
(583) DIL48/QFP64-1 ZIF C500  
(584) DIL48/SDIP64-1 ZIF C500  
(585) BGA-0324/0323 = BGA-Bottom-8 + BGA-Top-27 ZIF-CS  
(586) DIL48/QFP100 ZIF PLD-2  
(587) DIL40/QFP64-4 ZIF NEC-1  
(588) DIL48/QFP64 ZIF PLD-1  
(589) BGA-0324/0259 = BGA-Bottom-8 + BGA-Top-5 ZIF-CS  
(590) DIL48/QFP80-1 ZIF HC908-1  
(591) DIL48/QFP80-2 ZIF HC908-1  
(592) DIL44/QFP44-4 ZIF-CS  
(593) DIL48/QFN64 ZIF-CS MSP430-1  
(594) DIL40/QFN64 ZIF-CS LPC-1  
(596) BGA-0337/0336 = BGA-Bottom-10 + BGA-Top-29 ZIF  
(597) DIL40/QFP64 ZIF GC-1  
(598) DIL40/QFP80 ZIF GC-1  
(599) DIL40/QFP100 ZIF GC-1  
(600) DIL40/SDIP64 ZIF GC-1  
(601) DIL48/QFP100 ZIF PLD-3  
(602) BGA-0328/0327 = BGA-Bottom-9 + BGA-Top-28 ZIF-CS  
(603) BGA-0347/0263 = BGA-Bottom-11 + BGA-Top-9 ZIF-CS  
(604) BGA-0246/0336 = BGA-Bottom-2 + BGA-Top-29 ZIF  
(605) DIL8/SSOP8 ZIF 120m11  
(607) DIL48/QFP100 ZIF MB90F-1  
(608) DIL40/QFP144 ZIF H8S-1  
(609) DIL32/PLCC84 ZIF HS3334ESCF1H  
(610) DIL48/QFP208 ZIF PLD-1  
(611) DIL48/QFP144 ZIF PLD-1  
(612) DIL48/QFP144 ZIF PLD-2  
(613) DIL48/QFP64 ZIF ST92-1  
(614) PA51SND1-BD; Logical Systems  
(615) PA51CC-BD; Logical Systems  
(616) BGA-0366/0367 = BGA-Bottom-13 + BGA-Top-32 ZIF-CS  
(622) BGA-0364/0348 = BGA-Bottom-6 + BGA-Top-30 ZIF-CS  
(623) DIL48/QFP100-2 ZIF M16C/62-1  
(624) DIL48/QFP100-1 ZIF M16C/62-1  
(625) DIL32/QFP64 ZIF H8-1  
(626) DIL28/QFP64 ZIF H8/3644  
(627) DIL48/QFP144 ZIF H8S-2  
(628) DIL48/LQFP64 ZIF-CS MB90F-2  
(629) DIL48/QFP64 ZIF MB90F-2  
(630) DIL48/SDIP64 ZIF MB90F-2  
(631) DIL48/QFP80 ZIF-CS Z8F-1  
(632) DIL20/PLCC20 ZIF-CS  
(633) DIL28/PLCC28 ZIF-CS  
(635) DIL28/QFN28-2 ZIF-CS  
(637) BGA-0385/0336 = BGA-Bottom-15 + BGA-Top-29 ZIF  
(638) BGA-0386/0336 = BGA-Bottom-16 + BGA-Top-29 ZIF  
(641) DIL48/LQFP64 ZIF M16C/Tiny  
(642) DIL48/QFP144 ZIF H8S-3  
(643) DIL16/SSOP16 ZIF 155m11 or DIL24/QSOP24 ZIF 150m11  
(644) DIL48/SDIP56 ZIF 68HC05Bx  
(645) DIL48/QFP120 ZIF HD64F-1  
(646) DIL44/QFN44-2 ZIF-CS  
(647) DIL48/SSOP70 ZIF OKI-1  
(648) DIL48/QFP64-1 ZIF-CS NEC78K-1  
(649) DIL48/QFP100-1 ZIF NEC-3  
(652) BGA-0401/0404 = BGA-Bottom-14 + BGA-Top-41 ZIF-CS  
(653) DIL48/QFP100 ZIF PLD-4  
(654) BGA-0400/0612 = BGA-Bottom-22 + BGA-Top-110 ZIF-CS  
(655) DIL32/TSOP32 ZIF 18.4mm  
(656) DIL40/TSOP40 ZIF 18.4mm  
(657) DIL48/SSOP56 ZIF-CS CY-1  
(658) DIL48/QFP64 ZIF HD64-1  
(659) DIL48/TQFP80 ZIF HD64-1  
(661) DIL48/QFP100-1 ZIF H8-1  
(662) DIL48/LQFP64 ZIF M38039/M39049  
(663) BGA-0245/0611 = BGA-Bottom-1 + BGA-Top-109 ZIF-CS or BGA-0245/0416 = BGA-Bottom-1 + BGA-Top-45 ZIF  
(665) DIL48/QFP64 ZIF ARM-1  
(666) DIL48/PQFP100 ZIF ST62T80  
(667) DIL48/CQFP100 ZIF ST62E80  
(668) BGA-0395/0243 = BGA-Bottom-21 + BGA-Top-3 ZIF-CS  
(669) BGA-0425/0265 = BGA-Bottom-25 + BGA-Top-11 ZIF-CS  
(670) BGA-0425/0243 = BGA-Bottom-25 + BGA-Top-3 ZIF-CS  
(671) DIL48/MLF56 ZIF-CS CY-1  
(672) BGA-0386/0433 = BGA-Bottom-16 + BGA-Top-53 ZIF  
(673) PCA7450FP; Renesas Technology  
(676) DIL48/PLCC52 ZIF MCS196-1  
(677) DIL48/QFP80 ZIF HCS12-1  
(678) DIL48/QFP112 ZIF HCS12-1  
(679) DIL48/TQFP144 ZIF ST10-1  
(680) DIL48/PQFP144 ZIF ST10-2  
(681) BGA-0415/0414 = BGA-Bottom-23 + BGA-Top-50 ZIF-CS  
(682) PLD-1 module  
(684) PLD-1 module + DIL28/PLCC28 ZIF  
(685) PLD-1 module + DIL44/PLCC44 ZIF  
(686) PLD-1 module + DIL44/TQFP44-1 ZIF  
(687) DIL48/BGA107-1 ZIF NAND-1 or BGA-0418A/0417A = BGA-Bottom-24a + BGA-Top-51a ZIF-CS or BGA-0418A/1462 = BGA-Bottom-24a + BGA-Top-250 ZIF  
(688) BGA-0289/0445 = BGA-Bottom-5 + BGA-Top-38 ZIF-CS  
(689) BGA-0289/0436 = BGA-Bottom-5 + BGA-Top-55 ZIF-CS  
(690) BGA-0245/0336 = BGA-Bottom-1 + BGA-Top-29 ZIF  
(691) DIL40/TQFP64 ZIF PIC-2  
(692) BGA-0439/0446 = BGA-Bottom-30 + BGA-Top-48 ZIF  
(694) DIL8/QFN8-2 ZIF-CS  
(695) DIL48/QFP144 ZIF PLD-3  
(696) DIL48/QFP144 ZIF PLD-4  
(697) DIL48/QFP80 ZIF HC11-1  
(698) DIL48/QFP80 ZIF HCS12-2 or DIL48/QFP80 ZIF-CS HCS12-2  
(699) DIL48/QFP112 ZIF HCS12-2  
(700) DIL48/TVSOP48 ZIF-CS 170m11  
(701) BGA-0442/0259 = BGA-Bottom-31 + BGA-Top-5 ZIF-CS  
(702) DIL48/PLCC68 ZIF MCS196-2  
(703) DIL48/QFP64 ZIF XE-1  
(704) BGA-0435/0265 = BGA-Bottom-28 + BGA-Top-11 ZIF-CS  
(705) BGA-0442/0323 = BGA-Bottom-31 + BGA-Top-27 ZIF-CS  
(706) DIL48/QFP144 ZIF M16C-1  
(707) BGA-0245/0467 = BGA-Bottom-1 + BGA-Top-58 ZIF  
(708) DIL48/QFP80 ZIF HD-1  
(709) AS-084-28-01PG-6; Emulation Technology  
(710) DIL44/PLCC44 ZIF PLD-1  
(711) DIL8/QFN8-3 ZIF-CS  
(712) DIL16/QFN16-1 ZIF-CS  
(713) AS-08-08-02BG-3; Emulation Technology  
(714) DIL8/SSOP8 ZIF-CS 110m11  
(716) BGA-0289/0284 = BGA-Bottom-5 + BGA-Top-18 ZIF-CS  
(717) BGA-0452/0453A = BGA-Bottom-32 + BGA-Top-44 ZIF (a) or BGA-0452/0453 = BGA-Bottom-32 + BGA-Top-44 ZIF

(718) BGA-0289/0282 = BGA-Bottom-5 + BGA-Top-16 ZIF-CS  
(719) DIL40/TQFP80 ZIF PIC-2  
(720) DIL8/QFN8-4 ZIF-CS  
(721) BGA-0246/0475 = BGA-Bottom-2 + BGA-Top-59 ZIF  
(722) BGA-0246/0476 = BGA-Bottom-2 + BGA-Top-60 ZIF  
(723) BGA-0401/0483 = BGA-Bottom-14 + BGA-Top-61 ZIF-CS  
(724) BGA-0401/0484 = BGA-Bottom-14 + BGA-Top-62 ZIF-CS  
(725) DIL28/PLCC84 ZIF HS538ESC01H  
(727) DIL32/TQFP100 ZIF HS3434ESNF1H  
(729) BGA-0465/0466 = BGA-Bottom-37 + BGA-Top-57 ZIF  
(730) DIL12/QFN11-1 ZIF-CS or DIL10/QFN10-1 ZIF-CS  
(731) DIL24/QFN24-1 ZIF-CS  
(732) DIL48/QFP64-3 ZIF NEC-2  
(733) BGA-0465/0489 = BGA-Bottom-37 + BGA-Top-63 ZIF-CS  
(734) BGA-0488/0265 = BGA-Bottom-39 + BGA-Top-11 ZIF-CS  
(735) DIL48/QFP64-2 ZIF-CS NEC-2 or DIL48/QFP64-2 ZIF NEC-2  
(736) DIL48/QFP64-4 ZIF NEC-2  
(738) DIL48/QFP100 ZIF MB90F-3  
(739) DIL44/PLCC44 ZIF-CS  
(740) DIL48/QFP128 ZIF PLD-1  
(741) DIL48/QFP128 ZIF PLD-2  
(742) DIL48/QFP128 ZIF PLD-3  
(743) DIL48/QFP100 ZIF PLD-5  
(744) BGA-0458/0462 = BGA-Bottom-33 + BGA-Top-56 ZIF-CS  
(745) BGA-0459/0462 = BGA-Bottom-34 + BGA-Top-56 ZIF-CS  
(746) BGA-0460/0462 = BGA-Bottom-35 + BGA-Top-56 ZIF-CS  
(747) BGA-0461/0462 = BGA-Bottom-36 + BGA-Top-56 ZIF-CS  
(748) BGA-0491/0453A = BGA-Bottom-41 + BGA-Top-44 ZIF (a) or BGA-0491/0453 = BGA-Bottom-41 + BGA-Top-44 ZIF  
(749) DIL48/QFP80 ZIF HCS12-3  
(750) DIL48/QFP112 ZIF HCS12-3  
(751) DIL48/QFP100 ZIF-CS NEC-4  
(752) DIL48/QFP80 ZIF-CS MCS51-2  
(753) DIL48/QFP100 ZIF PCD-1  
(754) BGA-0474/0262 = BGA-Bottom-18 + BGA-Top-8 ZIF-CS  
(757) BGA-0246/0446 = BGA-Bottom-2 + BGA-Top-48 ZIF  
(758) BGA-0246/0244 = BGA-Bottom-2 + BGA-Top-4 ZIF-CS or BGA-0246/0446 = BGA-Bottom-2 + BGA-Top-48 ZIF  
(759) BGA-0245/0503 = BGA-Bottom-1 + BGA-Top-67 ZIF  
(760) BGA-0245/0521 = BGA-Bottom-1 + BGA-Top-69 ZIF-CS  
(761) DIL48/QFP100 ZIF MB90F-4  
(762) DIL48/QFP80 ZIF HD64-2  
(763) BGA-0245/0525 = BGA-Bottom-1 + BGA-Top-83 ZIF-CS  
(765) DIL48/QFP144 ZIF H8S-4  
(766) BGA-0347/0259 = BGA-Bottom-11 + BGA-Top-5 ZIF-CS  
(767) DIL48/QFP112 ZIF-CS SH-1  
(768) DIL48/QFP64 ZIF LPC-2  
(769) DIL48/QFP128 ZIF-CS NT68-1  
(770) DIL48/QFP144 ZIF STR71x  
(771) DIL48/QFP64 ZIF STR71x  
(772) DIL48/QFP144 ZIF STR73x  
(773) DIL48/QFP100 ZIF STR73x  
(774) BGA-0289/0524 = BGA-Bottom-5 + BGA-Top-77 ZIF-CS  
(775) BGA-0395/0259 = BGA-Bottom-21 + BGA-Top-5 ZIF-CS  
(776) BGA-0465/0539 = BGA-Bottom-37 + BGA-Top-86 ZIF-CS  
(777) BGA-0502/0453A = BGA-Bottom-43 + BGA-Top-44 ZIF (a) or BGA-0502/0453 = BGA-Bottom-43 + BGA-Top-44 ZIF  
(778) BGA-0528/0453A = BGA-Bottom-44 + BGA-Top-44 ZIF (a) or BGA-0528/0453 = BGA-Bottom-44 + BGA-Top-44 ZIF  
(779) BGA-0540/0453A = BGA-Bottom-47 + BGA-Top-44 ZIF (a) or BGA-0540/0453 = BGA-Bottom-47 + BGA-Top-44 ZIF  
(780) BGA-0245/0560 = BGA-Bottom-1 + BGA-Top-54 ZIF  
(781) DIL40/TQFP80-2 ZIF PIC-2  
(782) BGA-0562/0563 = BGA-Bottom-54 + BGA-Top-88 ZIF-CS  
(783) BGA-0465/0570 = BGA-Bottom-37 + BGA-Top-90 ZIF-CS  
(784) DIL48/PLCC68 ZIF PLD-2  
(785) DIL48/PLCC68 ZIF PLD-3  
(786) BGA-0529/0453A = BGA-Bottom-45 + BGA-Top-44 ZIF (a) or BGA-0529/0453 = BGA-Bottom-45 + BGA-Top-44 ZIF  
(787) BGA-4148/4126 = BGA-Bottom-417 + BGA-Top-410 ZIF or BGA-0571/0575 = BGA-Bottom-48 + BGA-Top-87 ZIF-CS  
(788) BGA-4149/4126 = BGA-Bottom-418 + BGA-Top-410 ZIF or BGA-0572/0575 = BGA-Bottom-49 + BGA-Top-87 ZIF-CS  
(789) BGA-0558/0559 = BGA-Bottom-20 + BGA-Top-43 ZIF-CS  
(790) BGA-0245/0583 = BGA-Bottom-1 + BGA-Top-39 ZIF-CS  
(791) DIL48/QFP100 ZIF CY-1  
(792) DIL48/PQFP80 ZIF 29BDD-1  
(793) DIL48/QFP144 ZIF H8S-5  
(794) BGA-0531/0532 = BGA-Bottom-46 + BGA-Top-84 ZIF  
(795) DIL48/QIP90 ZIF UOC-FU  
(796) DIL48/QIP90 ZIF UOC-FD  
(797) DIL48/QFP128 ZIF UOC-FU  
(798) DIL48/QFP128 ZIF UOC-FD  
(799) DIL48/QFP64-1 ZIF HCS08-1  
(800) DIL48/QFP64-2 ZIF HCS08-2 or DIL48/QFP64-2 ZIF-CS HCS08-2  
(801) DIL48/QFP52 ZIF HCS12-1  
(802) BGA-0573/0336 = BGA-Bottom-52 + BGA-Top-29 ZIF or BGA-0573/0722 = BGA-Bottom-52 + BGA-Top-130 ZIF-CS  
(803) BGA-0574/0336 = BGA-Bottom-53 + BGA-Top-29 ZIF  
(804) BGA-0385/0734 = BGA-Bottom-15 + BGA-Top-135 ZIF or BGA-0385/0322 = BGA-Bottom-15 + BGA-Top-26 ZIF  
(805) BGA-0386/0734 = BGA-Bottom-16 + BGA-Top-135 ZIF or BGA-0386/0322 = BGA-Bottom-16 + BGA-Top-26 ZIF  
(806) BGA-0573/0734 = BGA-Bottom-52 + BGA-Top-135 ZIF or BGA-0573/0322 = BGA-Bottom-52 + BGA-Top-26 ZIF  
(807) BGA-0574/0734 = BGA-Bottom-53 + BGA-Top-135 ZIF or BGA-0574/0322 = BGA-Bottom-53 + BGA-Top-26 ZIF  
(808) BGA-0592/0336 = BGA-Bottom-56 + BGA-Top-29 ZIF  
(810) DIL48/QFP128 ZIF-CS NT68-2  
(812) DIL48/QFP208 ZIF PLD-2  
(813) DIL48/QFP208 ZIF PLD-3  
(814) DIL48/QFP208 ZIF PLD-4  
(815) DIL48/QFP208 ZIF PLD-5  
(817) DIL48/QFP52 ZIF HC08-1  
(818) BGA-0401/0597 = BGA-Bottom-14 + BGA-Top-93 ZIF-CS  
(819) BGA-0439/0476 = BGA-Bottom-30 + BGA-Top-60 ZIF  
(820) BGA-0601/0600 = BGA-Bottom-57 + BGA-Top-94 ZIF  
(821) BGA-0439/0621 = BGA-Bottom-30 + BGA-Top-46 ZIF  
(822) BGA-0401/0605 = BGA-Bottom-14 + BGA-Top-95 ZIF-CS  
(823) BGA-0613/0615 = BGA-Bottom-58 + BGA-Top-108 ZIF  
(825) BGA-0613/0612 = BGA-Bottom-58 + BGA-Top-110 ZIF-CS  
(826) BGA-0613/0611 = BGA-Bottom-58 + BGA-Top-109 ZIF-CS  
(827) DIL48/QFP144 ZIF HCS12-1  
(829) DIL48/TSSOP38 ZIF PL3120  
(830) BGA-0245/0611 = BGA-Bottom-1 + BGA-Top-109 ZIF-CS  
(831) BGA-0245/0625 = BGA-Bottom-1 + BGA-Top-112 ZIF-CS  
(832) BGA-0395/0615 = BGA-Bottom-21 + BGA-Top-108 ZIF  
(833) BGA-0630/0615 = BGA-Bottom-59 + BGA-Top-108 ZIF  
(834) BGA-0289/0524 = BGA-Bottom-5 + BGA-Top-77 ZIF-CS or BGA-0289/0632 = BGA-Bottom-5 + BGA-Top-116 ZIF  
(835) DIL48/QFP144 ZIF PLD-5  
(836) DIL48/QFP144 ZIF PLD-6  
(837) DIL48/QFN48 ZIF-CS CC-1  
(838) DIL48/QFN36 ZIF-CS CC-1  
(839) BGA-0245/0614 = BGA-Bottom-1 + BGA-Top-107 ZIF  
(840) BGA-0613/0623 = BGA-Bottom-58 + BGA-Top-111 ZIF-CS  
(841) BGA-0613/0265 = BGA-Bottom-58 + BGA-Top-11 ZIF-CS  
(842) BGA-0630/0265 = BGA-Bottom-59 + BGA-Top-11 ZIF-CS  
(843) BGA-0448/0560 = BGA-Bottom-19 + BGA-Top-54 ZIF  
(844) DIL32/TQFP32 ZIF XE-1  
(845) DIL40/PQFP80 ZIF M37702  
(846) BGA-0654/0655 = BGA-Bottom-61 + BGA-Top-36 ZIF-CS  
(847) BGA-0364/0656 = BGA-Bottom-6 + BGA-Top-37 ZIF-CS  
(848) BGA-0364/0655 = BGA-Bottom-6 + BGA-Top-36 ZIF-CS  
(849) BGA-0613/0521 = BGA-Bottom-58 + BGA-Top-69 ZIF-CS  
(850) DIL44/PLCC44 ZIF MSQ  
(851) BGA-0324/0631 = BGA-Bottom-8 + BGA-Top-113 ZIF-CS  
(852) DIL48/QFP100 ZIF STR75x  
(853) DIL48/QFP64 ZIF STR75x  
(854) DIL48/QFP100 ZIF PLD-7  
(855) DIL48/QFP100 ZIF PLD-8  
(856) DIL48/QFP100 ZIF PLD-9

(857) BGA-0643/0642 = BGA-Bottom-42 + BGA-Top-106 ZIF-CS  
(858) DIL48/QFP208 ZIF PLD-6  
(859) BGA-0245/0517 = BGA-Bottom-1 + BGA-Top-78 ZIF-CS  
(860) DIL48/TSSOP48 ZIF 240mil  
(861) DIL40/QFP128-2 ZIF W83L951  
(862) DIL48/QFN64 ZIF-CS ARM-1  
(863) DIL48/QFP100 ZIF ARM-1  
(864) DIL48/QFP128 ZIF ARM-1  
(865) DIL48/QFP80 ZIF PCD-1  
(866) DIL48/QFP64 ZIF PCD-1  
(867) BGA-0442/0653 = BGA-Bottom-31 + BGA-Top-121 ZIF-CS  
(868) DIL40/TQFP100 ZIF PIC-2  
(869) DIL48/SOIC54 ZIF MM908-1  
(870) BGA-0620/0581 = BGA-Bottom-38 + BGA-Top-71 ZIF  
(871) BGA-0502/0581 = BGA-Bottom-43 + BGA-Top-71 ZIF  
(872) BGA-0671/0259 = BGA-Bottom-66 + BGA-Top-5 ZIF-CS  
(873) BGA-0672/0673 = BGA-Bottom-67 + BGA-Top-124 ZIF-CS  
(874) BGA-0674/0675 = BGA-Bottom-68 + BGA-Top-85 ZIF-CS  
(875) BGA-0686/0734 = BGA-Bottom-74 + BGA-Top-135 ZIF or BGA-0686/0322 = BGA-Bottom-74 + BGA-Top-26 ZIF  
(876) DIL48/TQFP64-2 ZIF ST7-2  
(877) BGA-0651/0532 = BGA-Bottom-64 + BGA-Top-84 ZIF  
(878) BGA-0566/1395 = BGA-Bottom-55 + BGA-Top-240 ZIF  
(879) BGA-1008/0659 = BGA-Bottom-148 + BGA-Top-122 ZIF-CS  
(881) DIL48/QFP80 ZIF STR91x  
(882) DIL48/QFP128 ZIF STR91x  
(883) DIL16/QFN16-2 ZIF-CS  
(884) DIL38/SSOP38 ZIF 170mil  
(885) DIL40/QFN40-1 ZIF-CS  
(886) DIL44/QFN44-3 ZIF  
(888) DIL48/PLCC68 ZIF COP8-1  
(889) BGA-0669/0670 = BGA-Bottom-65 + BGA-Top-123 ZIF-CS  
(890) BGA-0439/0690 = BGA-Bottom-30 + BGA-Top-126 ZIF  
(891) DIL48/QFP80 ZIF HC12-1  
(893) BGA-0683/0682 = BGA-Bottom-73 + BGA-Top-92 ZIF  
(895) BGA-0699/0700 = BGA-Bottom-75 + BGA-Top-96 ZIF-CS  
(896) DIL48/QFP52 ZIF R8C/Tiny-1 or DIL48/QFP52 ZIF-CS R8C/Tiny-1  
(897) DIL40/TQFP64-2 ZIF PIC-1A  
(898) DIL48/QFP100 ZIF XC-1  
(899) DIL48/QFP100 ZIF PLD-6  
(900) BGA-0425/0336 = BGA-Bottom-25 + BGA-Top-29 ZIF  
(901) BGA-0425/0703 = BGA-Bottom-25 + BGA-Top-34 ZIF-CS  
(902) BGA-0425/0704 = BGA-Bottom-25 + BGA-Top-35 ZIF  
(903) DIL48/QFP100 ZIF NEC-5  
(904) BGA-1008/0714 = BGA-Bottom-148 + BGA-Top-127 ZIF  
(905) DIL48/QFP100 ZIF-CS PLD-10  
(906) BGA-0678/0453A = BGA-Bottom-62 + BGA-Top-44 ZIF (a) or BGA-0678/0453 = BGA-Bottom-62 + BGA-Top-44 ZIF  
(907) BGA-0679/0453A = BGA-Bottom-63 + BGA-Top-44 ZIF (a) or BGA-0679/0453 = BGA-Bottom-63 + BGA-Top-44 ZIF  
(908) DIL48/QFP176-1 ZIF TMS320-1  
(910) BGA-0749/0336 = BGA-Bottom-85 + BGA-Top-29 ZIF  
(911) BGA-0749/0734 = BGA-Bottom-85 + BGA-Top-135 ZIF or BGA-0749/0322 = BGA-Bottom-85 + BGA-Top-26 ZIF  
(913) DIL48/QFN64 ZIF-CS AWM-1  
(914) DIL48/QFP100 ZIF LPC-1  
(915) DIL48/QFP144 ZIF LPC-1  
(916) DIL48/SDIP64 ZIF UOC-1  
(917) DIL48/QFP100 ZIF-CS W-1  
(918) DIL48/QFP52 ZIF ADUC-1  
(919) DIL48/SDIP64 ZIF GMS-1  
(920) DIL48/QFP64-2 ZIF GMS-1  
(921) DIL48/QFP64-1 ZIF GMS-1  
(922) BGA-0245/0724 = BGA-Bottom-1 + BGA-Top-132 ZIF-CS  
(923) DIL48/LQFP64 ZIF HD64-2  
(924) DIL48/QFP64 ZIF HD64-2  
(926) DIL48/QFP256 ZIF HD64F-1  
(927) DIL48/QFP100 ZIF PLD-11  
(928) BGA-4150/4126 = BGA-Bottom-419 + BGA-Top-410 ZIF or BGA-0676/0575 = BGA-Bottom-50 + BGA-Top-87 ZIF-CS  
(929) BGA-4151/4126 = BGA-Bottom-420 + BGA-Top-410 ZIF or BGA-0677/0575 = BGA-Bottom-51 + BGA-Top-87 ZIF-CS  
(930) AS-08-08-01MAP-3; Emulation Technology  
(931) DIL48/QFP128 ZIF TMS320-1  
(932) DIL48/QFP112 ZIF HCS12-4  
(933) BGA-0245/0725 = BGA-Bottom-1 + BGA-Top-131 ZIF-CS  
(938) BGA-0448/0724 = BGA-Bottom-19 + BGA-Top-132 ZIF-CS  
(940) DIL48/QFP100-1 ZIF H8S-4  
(941) DIL48/QFP100 ZIF MB90F-5  
(942) DIL48/SDIP64 ZIF M38-1  
(943) BGA-0777/0259 = BGA-Bottom-88 + BGA-Top-5 ZIF-CS  
(944) DIL48/LQFP128 ZIF AX-1  
(945) DIL48/LQFP80 ZIF-CS MLC-1  
(946) BGA-0750/0742 = BGA-Bottom-86 + BGA-Top-134 ZIF  
(947) DIL48/LQFP80 ZIF AX-1  
(948) BGA-0754/0453A = BGA-Bottom-79 + BGA-Top-44 ZIF (a) or BGA-0754/0453 = BGA-Bottom-79 + BGA-Top-44 ZIF  
(949) BGA-0745/0746 = BGA-Bottom-80 + BGA-Top-115 ZIF  
(950) DIL8w/SOIC8 ZIF 150mil  
(951) DIL14w/SOIC14 ZIF 150mil or DIL14/SOIC14 ZIF 150mil  
(952) DIL48/QFP144 ZIF PLD-7  
(953) DIL48/QFP112 ZIF HC12-1  
(954) DIL48/QFP100 ZIF HCS12-1  
(955) DIL48/QFP80 ZIF HC12-2  
(959) BGA-0245/0518 = BGA-Bottom-1 + BGA-Top-79 ZIF-CS  
(962) DIL48/QFP48 ZIF MSC120X  
(963) BGA-0761/0762 = BGA-Bottom-87 + BGA-Top-137 ZIF-CS  
(965) DIL48/PLCC68 ZIF Z8F-1  
(966) DIL48/QFP64 ZIF Z8F-1  
(968) BGA-0761/0770 = BGA-Bottom-87 + BGA-Top-138 ZIF-CS  
(969) DIL48/QFP100 ZIF MCF-1  
(970) DIL8/QFN8-5 ZIF-CS  
(971) DIL48/MLF56 ZIF-CS CY-2  
(972) DIL48/SDIP64 ZIF NEC-2  
(973) DIL40/TQFP100-1 ZIF PIC-1  
(974) DIL48/QFP176 ZIF SAF-1  
(975) DIL48/QFP100 ZIF TMS320-1  
(976) DIL36/SSOP36 ZIF-CS 330mil  
(977) DIL48/QFP64-1 ZIF WT-1  
(978) DIL48/QFP64-2 ZIF WT-1  
(979) DIL48/QFP64 ZIF PLD-2  
(980) DIL48/QFP100 ZIF PLD-12  
(981) DIL48/QFP48 ZIF PLD-1  
(982) DIL48/QFN32 ZIF-CS PLD-1  
(983) BGA-0245/0612 = BGA-Bottom-1 + BGA-Top-110 ZIF-CS  
(984) DIL10/SSOP10 ZIF 120mil  
(986) DIL48/SDIP56 ZIF ST7-1  
(987) DIL48/QFP144 ZIF H8S-6  
(988) DIL48/QFP80 ZIF HD64-3  
(989) DIL48/QFP80 ZIF HD64-4  
(990) BGA-0812/0446 = BGA-Bottom-94 + BGA-Top-48 ZIF  
(991) BGA-0811/0734 = BGA-Bottom-93 + BGA-Top-135 ZIF  
(992) BGA-0448/0734 = BGA-Bottom-19 + BGA-Top-135 ZIF  
(993) BGA-0713/0714 = BGA-Bottom-76 + BGA-Top-127 ZIF  
(994) DIL48/QFP208 ZIF PLD-7  
(995) BGA-0720/1079A = BGA-Bottom-69 + BGA-Top-208 ZIF (a) or BGA-0720/1079 = BGA-Bottom-69 + BGA-Top-208 ZIF  
(996) BGA-0760/1079A = BGA-Bottom-77 + BGA-Top-208 ZIF (a) or BGA-0760/1079 = BGA-Bottom-77 + BGA-Top-208 ZIF  
(997) BGA-0759/0453A = BGA-Bottom-78 + BGA-Top-44 ZIF (a) or BGA-0759/0453 = BGA-Bottom-78 + BGA-Top-44 ZIF  
(999) BGA-0245/0816 = BGA-Bottom-1 + BGA-Top-151 ZIF  
(1000) DIL48/QFP64 ZIF SW-1  
(1002) PCA4738F-64A; Renesas Technology  
(1003) DIL48/QFP64 ZIF XC-1  
(1004) DIL48/QFP100 ZIF NEC-6  
(1005) DIL28/MLF28-1 ZIF-CS  
(1006) BGA-0733/0734 = BGA-Bottom-83 + BGA-Top-135 ZIF

(1007) BGA-0798/0799 = BGA-Bottom-90 + BGA-Top-140 ZIF-CS  
(1008) DIL48/QFP52 ZIF PSD-1  
(1009) DIL48/QFP80 ZIF PSD-1  
(1010) DIL28/FP28 ZIF-CS  
(1011) DIL48/QFN32 ZIF PLD-2 or DIL48/QFN32 ZIF-CS PLD-2  
(1012) BGA-0776/0775 = BGA-Bottom-71 + BGA-Top-125 ZIF-CS  
(1013) BGA-0789/1079A = BGA-Bottom-72 + BGA-Top-208 ZIF (a) or BGA-0789/1079 = BGA-Bottom-72 + BGA-Top-208 ZIF  
(1014) DIL48/PLCC84 ZIF PLD-6  
(1015) BGA-0831/1079A = BGA-Bottom-81 + BGA-Top-208 ZIF (a) or BGA-0831/1079 = BGA-Bottom-81 + BGA-Top-208 ZIF  
(1016) BGA-0829/0746 = BGA-Bottom-70 + BGA-Top-115 ZIF  
(1017) BGA-0289/0834 = BGA-Bottom-5 + BGA-Top-66 ZIF  
(1018) DIL48/QFP64-1 ZIF-CS MB9-1  
(1019) DIL48/QFP64-2 ZIF MB9-1  
(1020) BGA-0826/0825 = BGA-Bottom-99 + BGA-Top-152 ZIF-CS  
(1021) BGA-0448/0261 = BGA-Bottom-19 + BGA-Top-7 ZIF-CS  
(1022) BGA-0401/0403 = BGA-Bottom-14 + BGA-Top-42 ZIF-CS  
(1023) BGA-0401/0833 = BGA-Bottom-14 + BGA-Top-153 ZIF-CS  
(1024) DIL48/QFP144 ZIF M32C-1  
(1025) DIL48/QFP128 ZIF M30-1  
(1026) DIL48/LQFP64-2 ZIF M38039/M39049  
(1027) DIL48/LQFP144 ZIF AVR32-1  
(1028) DIL48/TQFP100 ZIF AVR32-1  
(1029) DIL48/QFP128 ZIF MC56F-1  
(1030) DIL48/QFP64-2 ZIF 68HC-2  
(1031) BGA-0849/0850A = BGA-Bottom-104 + BGA-Top-117 ZIF (a) or BGA-0849/0850 = BGA-Bottom-104 + BGA-Top-117 ZIF  
(1032) DIL48/QFP80-1 ZIF NEC-1  
(1033) DIL48/QFP80-2 ZIF NEC-1  
(1035) BGA-0401/0402 = BGA-Bottom-14 + BGA-Top-47 ZIF-CS  
(1036) BGA-0401/0854 = BGA-Bottom-14 + BGA-Top-157 ZIF-CS  
(1037) DIL48/QFP80 ZIF-CS UOC-FUA  
(1038) DIL48/QFP80 ZIF-CS UOC-FDA or DIL48/QFP80 ZIF-CS UOC-FD  
(1039) DIL48/QFP144 ZIF XC-1  
(1040) DIL48/QFP120-1 ZIF MB9-1  
(1041) DIL48/QFP112 ZIF-CS HD64-1  
(1042) DIL48/QFP80 ZIF HD64-5  
(1043) DIL48/QFP64-3 ZIF M38039/M39049  
(1044) DIL48/QFP64-1 ZIF-CS NEC-3  
(1045) DIL48/QFP144 ZIF MC56F-1  
(1046) DIL48/QFP160 ZIF MC56F-1  
(1047) BGA-0776/0581 = BGA-Bottom-71 + BGA-Top-71 ZIF  
(1048) BGA-0832/1079A = BGA-Bottom-82 + BGA-Top-208 ZIF (a) or BGA-0832/1079 = BGA-Bottom-82 + BGA-Top-208 ZIF  
(1049) BGA-0790/0581 = BGA-Bottom-89 + BGA-Top-71 ZIF  
(1050) BGA-0838/0839 = BGA-Bottom-98 + BGA-Top-64 ZIF  
(1051) DIL48/QFP100 ZIF NEC-7  
(1052) DIL48/QFP100-2 ZIF NEC-7  
(1053) DIL48/QFP100 ZIF-CS W-2  
(1054) BGA-0401/0865 = BGA-Bottom-14 + BGA-Top-162 ZIF-CS  
(1055) DIL20/SOIC20 ZIF 200mil  
(1056) BGA-0866/0336 = BGA-Bottom-110 + BGA-Top-29 ZIF  
(1059) DIL48/TQFP64-1 ZIF ST7-2  
(1060) DIL16W/SOIC16 ZIF 300mil or DIL20/SOIC20 ZIF 300mil  
(1061) DIL18W/SOIC18 ZIF 300mil or DIL20/SOIC20 ZIF 300mil  
(1062) DIL24W/SOIC24 ZIF 300mil or DIL28/SOIC28 ZIF 300mil  
(1066) DIL42/SSOP42 ZIF 330mil  
(1067) BGA-0401/0905 = BGA-Bottom-14 + BGA-Top-159 ZIF-CS  
(1068) DIL48/QFP144 ZIF-CS H8S-7  
(1069) DIL16/QFN16-3 ZIF or DIL16/QFN16-3 ZIF-CS  
(1070) DIL48/QFP48 ZIF XC-1  
(1071) DIL48/QFP64 ZIF XC-2  
(1072) BGA-0867/1394 = BGA-Bottom-108 + BGA-Top-239 ZIF or BGA-0867/1395 = BGA-Bottom-108 + BGA-Top-240 ZIF  
(1073) BGA-0868/1394 = BGA-Bottom-109 + BGA-Top-239 ZIF or BGA-0868/1395 = BGA-Bottom-109 + BGA-Top-240 ZIF  
(1074) BGA-0892/1395 = BGA-Bottom-114 + BGA-Top-240 ZIF  
(1075) BGA-0876/1395 = BGA-Bottom-112 + BGA-Top-240 ZIF  
(1076) DIL37/QFN36-1 ZIF-CS  
(1077) BGA-0893/0894 = BGA-Bottom-115 + BGA-Top-164 ZIF  
(1078) DIL48/QFP52 ZIF-CS PSD-2  
(1079) DIL48/PLCC52 ZIF PSD-1  
(1080) DIL32/QFN32-1 ZIF-CSa or DIL32/QFN32-1 ZIF-CS  
(1081) DIL48/QFP80 ZIF HCS12-4  
(1082) DIL48/QFP100 ZIF PLD-13  
(1083) DIL48/QFP208 ZIF PLD-8  
(1084) DIL48/QFP144 ZIF PLD-8  
(1085) DIL48/QFP144 ZIF PLD-9  
(1087) DIL14W/TSSOP14 ZIF 170mil or DIL24/TSSOP24 ZIF 170mil  
(1088) DIL16W/TSSOP16 ZIF 170mil or DIL24/TSSOP24 ZIF 170mil  
(1089) DIL20W/TSSOP20 ZIF 170mil or DIL24/TSSOP24 ZIF 170mil  
(1090) DIL24W/TSSOP24 ZIF 170mil or DIL24/TSSOP24 ZIF 170mil  
(1093) BGA-0936/0932 = BGA-Bottom-123 + BGA-Top-141 ZIF-CS  
(1094) BGA-0875/0873 = BGA-Bottom-95 + BGA-Top-33 ZIF  
(1095) BGA-0936/0483 = BGA-Bottom-123 + BGA-Top-61 ZIF-CS  
(1096) BGA-0364/0928 = BGA-Bottom-6 + LGA-Top-169 ZIF-CS  
(1097) DIL48/LQFP64 ZIF-CS R5F-1  
(1098) DIL48/QFP100 ZIF TMP-1  
(1099) DIL48/QFP64 ZIF PSD-1  
(1100) DIL48/QFP64-3 ZIF HCS08-3  
(1101) DIL48/QFP80-1 ZIF HCS08-1  
(1102) DIL48/QFP64 ZIF MCF52-1  
(1103) DIL28W/SSOP28 ZIF 200mil or DIL34W/SSOP34 ZIF 200mil or DIL34/SSOP34 ZIF 200mil  
(1105) DIL48/QFP80-1 ZIF NEC-2  
(1106) DIL48/QFP52 ZIF NEC-1  
(1107) DIL48/QFP176 ZIF PLD-1  
(1108) DIL48/QFP80-1 ZIF MSP430-2  
(1109) BGA-0948/0724 = BGA-Bottom-125 + BGA-Top-132 ZIF-CS  
(1110) DIL48/QFP100-1 ZIF MB90F-4  
(1111) DIL48/QFP100 ZIF H8S-5  
(1112) DIL48/QFP256 ZIF HD64F-2  
(1113) DIL30/SSOP30 ZIF-CS 220mil  
(1114) DIL32/QFP80 ZIF HS3334ESHF1H  
(1115) DIL48/LQFP80 ZIF R5F-1  
(1116) DIL48/PLCC84 ZIF 68HC11  
(1117) DIL48/QFN64 ZIF-CS MCF52-1  
(1118) DIL48/TQFP64 ZIF AVR32-1  
(1119) DIL48/QFP64-5 ZIF NEC-3  
(1120) DIL48/QFP128 ZIF ARM-2  
(1121) DIL48/QFP64 ZIF TMP86FS-1 or DIL48/QFP64 ZIF-CS TMP86FS-1  
(1123) BGA-1007/4126 = BGA-Bottom-164 + BGA-Top-410 ZIF  
(1124) BGA-0875/0874 = BGA-Bottom-95 + BGA-Top-147 ZIF-CS  
(1125) BGA-0641/0929 = BGA-Bottom-60 + BGA-Top-168 ZIF-CS  
(1126) BGA-2234/0951 = BGA-Bottom-242 + BGA-Top-174 ZIF  
(1127) DIL48/QFP160 ZIF-CS PLD-1  
(1128) DIL48/QFN68 ZIF-CS PLD-1  
(1130) BGA-0337/0243 = BGA-Bottom-10 + BGA-Top-3 ZIF  
(1131) BGA-0289/1004 = BGA-Bottom-5 + BGA-Top-188 ZIF-CS  
(1132) BGA-0289/1005 = BGA-Bottom-5 + BGA-Top-189 ZIF  
(1133) BGA-0289/1006 = BGA-Bottom-5 + BGA-Top-190 ZIF  
(1134) BGA-0993/1395 = BGA-Bottom-153 + BGA-Top-240 ZIF  
(1136) BGA-0994/0894 = BGA-Bottom-144 + BGA-Top-164 ZIF  
(1137) BGA-0994/0996 = BGA-Bottom-144 + BGA-Top-175 ZIF  
(1138) BGA-0994/0997 = BGA-Bottom-144 + BGA-Top-184 ZIF  
(1140) BGA-0995/0996 = BGA-Bottom-145 + BGA-Top-175 ZIF  
(1141) BGA-0995/0997 = BGA-Bottom-145 + BGA-Top-184 ZIF  
(1142) BGA-0956/0957 = BGA-Bottom-106 + BGA-Top-160 ZIF-CS  
(1143) BGA-0886/0887 = BGA-Bottom-102 + BGA-Top-155 ZIF  
(1144) DIL48/QFP208 ZIF PLD-9  
(1145) DIL48/QFP208 ZIF PLD-10  
(1146) DIL48/QFP208 ZIF PLD-11  
(1147) DIL48/QFP208 ZIF PLD-12  
(1149) DIL48/SDIP64 ZIF TMP91-1

(1150) DIL48/QFP80-1 ZIF STM8-1 or DIL48/QFP80-1 ZIF-CS STM8-1  
(1151) DIL48/QFP176 ZIF HD64-1  
(1152) BGA-1007/0810 = BGA-Bottom-164 + BGA-Top-145 ZIF-CS  
(1153) BGA-1007/4126 = BGA-Bottom-164 + BGA-Top-410 ZIF or BGA-1007/0944 = BGA-Bottom-164 + BGA-Top-176 ZIF-CS  
(1154) BGA-1007/1013 = BGA-Bottom-164 + BGA-Top-191 ZIF-CS  
(1155) DIL48/QFN56 ZIF-CS ADuC-1  
(1156) DIL48/QFN56 ZIF-CS ADuC-2  
(1157) DIL32/QFN32 ZIF-CS EM-1  
(1158) DIL24/QFN24 ZIF-CS EM-1  
(1159) DIL20/QFN20 ZIF-CS EM-1  
(1160) DIL28/TSSOP28 ZIF EM-2  
(1161) DIL28/TSSOP28 ZIF EM-1  
(1162) DIL20/TSSOP20 ZIF EM-2  
(1163) DIL20/TSSOP20 ZIF EM-1  
(1164) DIL16/TSSOP16 ZIF EM-1  
(1165) DIL48/QFP80 ZIF HD64-6  
(1166) DIL48/LQFP100 ZIF MB95-1  
(1167) DIL48/QFP64-1 ZIF STM8-1 or DIL48/QFP64-1 ZIF-CS STM8-1  
(1168) DIL48/QFP48-1 ZIF STM8-1 or DIL48/QFP48-1 ZIF-CS STM8-1  
(1169) DIL48/QFP32-1 ZIF STM8-1  
(1171) BGA-1008/1023 = BGA-Bottom-148 + BGA-Top-196 ZIF-CS or BGA-2362/2361 = BGA-Bottom-257 + BGA-Top-265 ZIF  
(1173) BGA-1026/1027 = BGA-Bottom-97 + BGA-Top-149 ZIF-CS  
(1174) BGA-1031/1032 = BGA-Bottom-107 + BGA-Top-161 ZIF-CS  
(1175) BGA-0954/0955 = BGA-Bottom-127 + BGA-Top-119 ZIF  
(1176) BGA-0977/0453A = BGA-Bottom-149 + BGA-Top-44 ZIF (a) or BGA-0977/0453 = BGA-Bottom-149 + BGA-Top-44 ZIF  
(1177) BGA-0992/0955 = BGA-Bottom-150 + BGA-Top-119 ZIF  
(1178) DIL40/TQFP64 ZIF PIC-3  
(1179) BGA-0871/0825 = BGA-Bottom-111 + BGA-Top-152 ZIF-CS or BGA-0871/0621 = BGA-Bottom-111 + BGA-Top-46 ZIF  
(1180) BGA-0871/1012 = BGA-Bottom-111 + BGA-Top-146 ZIF  
(1181) BGA-0871/0874 = BGA-Bottom-111 + BGA-Top-147 ZIF-CS  
(1182) BGA-1035/1036 = BGA-Bottom-171 + BGA-Top-65 ZIF  
(1183) DIL48/QFP52 ZIF NEC-2  
(1184) DIL48/QFP80 ZIF MCF52-1  
(1185) DIL48/QFP112 ZIF MCF52-1  
(1186) BGA-0820/0621 = BGA-Bottom-100 + BGA-Top-46 ZIF  
(1187) BGA-0948/0964 = BGA-Bottom-125 + BGA-Top-182 ZIF-CS  
(1188) DIL48/QFN68 ZIF-CS CY-1  
(1189) BGA-1046/0894 = BGA-Bottom-169 + BGA-Top-164 ZIF  
(1190) BGA-1045/0894 = BGA-Bottom-170 + BGA-Top-164 ZIF  
(1191) BGA-1046/1036 = BGA-Bottom-169 + BGA-Top-65 ZIF  
(1192) BGA-1045/1036 = BGA-Bottom-170 + BGA-Top-65 ZIF  
(1195) BGA-1007/1051 = BGA-Bottom-164 + BGA-Top-203 ZIF-CS  
(1196) DIL48/QFP64-4 ZIF NEC-4 or DIL48/QFP64-4 ZIF-CS NEC-4  
(1197) DIL48/QFP100 ZIF NEC-8  
(1198) DIL48/QFN64 ZIF-CS AVR32-1  
(1199) DIL48/LQFP64 ZIF LM35-1  
(1200) DIL48/LQFP100 ZIF LM35-1  
(1201) DIL32/SO32 ZIF IQS221  
(1202) DIL32/QFN32 ZIF-CS IQS221  
(1203) BGA-1058/1049 = BGA-Bottom-172 + BGA-Top-201 ZIF  
(1204) DIL48/QFP64 ZIF TMP-1  
(1205) DIL48/LQFP64-1 ZIF R5F-1  
(1206) BGA-0998/0999 = BGA-Bottom-96 + BGA-Top-148 ZIF  
(1207) BGA-1034/1033 = BGA-Bottom-91 + BGA-Top-143 ZIF-CS  
(1208) DIL48/BGA107-1 ZIF NAND-1 or BGA-1020/0417A = BGA-Bottom-105 + BGA-Top-51a ZIF-CS or BGA-1020/1462 = BGA-Bottom-105 + BGA-Top-250 ZIF  
(1210) module ISP-1-20 through ISP connector or module ISP-STM8-20 through ISP connector  
(1211) BGA-0969/0970 = BGA-Bottom-146 + BGA-Top-103 ZIF-CS  
(1212) DIL48/QFP144 ZIF NEC-1  
(1213) DIL48/LQFP80-1 ZIF NEC-1 or DIL48/LQFP80-1 ZIF-CS NEC-1  
(1214) DIL48/LQFP80-2 ZIF NEC-1  
(1215) DIL48/QFP144 ZIF NEC-2 or DIL48/QFP144 ZIF-CS NEC-2  
(1216) DIL32/QFN32 ZIF-CS EM-2  
(1217) DIL48/QFP208 ZIF LPC-1  
(1218) DIL48/QFN48 ZIF-CS EM-1  
(1219) BGA-0246/0560 = BGA-Bottom-2 + BGA-Top-54 ZIF  
(1220) DIL48/QFP120 ZIF MB91-2  
(1221) BGA-1069/1395 = BGA-Bottom-177 + BGA-Top-240 ZIF or BGA-1069/0565 = BGA-Bottom-177 + BGA-Top-89 ZIF  
(1223) BGA-0893/0996 = BGA-Bottom-115 + BGA-Top-175 ZIF  
(1224) BGA-0893/0997 = BGA-Bottom-115 + BGA-Top-184 ZIF  
(1225) BGA-1091/1078 = BGA-Bottom-191 + BGA-Top-207 ZIF  
(1226) BGA-1075/0894 = BGA-Bottom-178 + BGA-Top-164 ZIF  
(1229) BGA-0994/1036 = BGA-Bottom-144 + BGA-Top-65 ZIF  
(1231) BGA-0893/1036 = BGA-Bottom-115 + BGA-Top-65 ZIF  
(1232) DIL8/CE20 SFP  
(1233) BGA-0448/0259 = BGA-Bottom-19 + BGA-Top-5 ZIF-CS  
(1234) DIL8/SOIC8 ZIF EM-2  
(1235) DIL20/QFN20 ZIF-CS EM-2  
(1236) DIL16/TSSOP16 ZIF EM-2  
(1238) BGA-1093/1095 = BGA-Bottom-183 + BGA-Top-100 ZIF-CS  
(1240) BGA-1091/1100 = BGA-Bottom-191 + BGA-Top-212 ZIF-CS  
(1241) BGA-1091/1099 = BGA-Bottom-191 + BGA-Top-210 ZIF-CS  
(1242) DIL48/QFP44-1 ZIF STM8-1  
(1243) DIL48/TSSOP20-1 ZIF STM8-1  
(1244) BGA-1076/1098 = BGA-Bottom-180 + BGA-Top-91 ZIF  
(1245) DIL28/QFN28-1 ZIF-CS (id)  
(1246) DIL48/QFP120 ZIF MB91-3  
(1247) DIL48/QFP64 ZIF TMP-2  
(1248) DIL48/QFN40 ZIF-CS EM-1  
(1249) DIL48/QFN24 ZIF-CS nRF-1  
(1250) DIL48/QFN32 ZIF-CS nRF-1  
(1252) BGA-0965/1079A = BGA-Bottom-101 + BGA-Top-208 ZIF (a) or BGA-0965/1079 = BGA-Bottom-101 + BGA-Top-208 ZIF  
(1253) BGA-1080/1079A = BGA-Bottom-103 + BGA-Top-208 ZIF (a) or BGA-1080/1079 = BGA-Bottom-103 + BGA-Top-208 ZIF  
(1254) DIL48/QFP80 ZIF ST7-1  
(1255) BGA-1128/0259 = BGA-Bottom-126 + BGA-Top-5 ZIF-CS  
(1256) BGA-0289/1130 = BGA-Bottom-5 + BGA-Top-217 ZIF-CS  
(1257) DIL3/SOT23-3 ZIF-CS  
(1258) DIL48/QFP80 ZIF ST7-2  
(1259) BGA-1123/0323 = BGA-Bottom-192 + BGA-Top-27 ZIF-CS or BGA-0324/0323 = BGA-Bottom-8 + BGA-Top-27 ZIF-CS  
(1260) BGA-1123/0259 = BGA-Bottom-192 + BGA-Top-5 ZIF-CS or BGA-0324/0259 = BGA-Bottom-8 + BGA-Top-5 ZIF-CS  
(1261) BGA-0245/0964 = BGA-Bottom-1 + BGA-Top-182 ZIF-CS  
(1262) BGA-1123/0259 = BGA-Bottom-192 + BGA-Top-5 ZIF-CS  
(1263) DIL32/TQFP32-1 ZIF R5F-1  
(1264) DIL32/TQFP32-1 ZIF (id)  
(1265) DIL48/LQFP52 ZIF R5F-1  
(1266) DIL48/TSOP48 ZIF 18.4mm NAND-3 (\*1) or DIL48/TSOP48 ZIF 18.4mm NAND  
(1267) DIL48/TSOP48 ZIF 18.4mm NAND-3 (\*1) or DIL48/TSOP48 ZIF 18.4mm NAND-ONFI  
(1268) DIL8/BGA24-1 ZIF-CS SFlash-1 (\*1) or BGA-1114/1115 = BGA-Bottom-187 + BGA-Top-214 ZIF-CS  
(1270) DIL48/QFN36 ZIF-CS ZL-1  
(1271) DIL48/QFN36 ZIF-CS ZL-2  
(1272) DIL48/QFN32 ZIF ZL-1  
(1273) DIL48/LQFP64 ZIF W83-1  
(1274) BGA-0439/0311 = BGA-Bottom-30 + BGA-Top-23 ZIF-CS  
(1275) BGA-1135/0810 = BGA-Bottom-194 + BGA-Top-145 ZIF-CS  
(1276) DIL48/QFP64 ZIF C8051-2  
(1277) DIL48/QFN40 ZIF-CS CC-1 or DIL48/QFN40 ZIF CC-1  
(1278) LGA-1119/1118 = LGA-Bottom-188 + LGA-Top-195 ZIF-CS  
(1279) BGA-0245/1124 = BGA-Bottom-1 + BGA-Top-215 ZIF-CS  
(1280) DIL48/LQFP64 ZIF HD64-3  
(1281) DIL48/QFP32-1 ZIF STM8-2  
(1282) BGA-1091/1149 = BGA-Bottom-191 + BGA-Top-222 ZIF-CS  
(1283) BGA-1112/1113 = BGA-Bottom-181 + BGA-Top-209 ZIF  
(1284) DIL48/QFP80 ZIF HD64-7  
(1285) DIL48/QFN20-1 ZIF-CS STM8-1  
(1286) DIL48/QUIP64 ZIF NEC-1  
(1287) BGA-1024/1129 = BGA-Bottom-166 + BGA-Top-206 ZIF-CS  
(1288) DIL48/QFN20-1 ZIF-CS STM8-2  
(1289) DIL48/TSSOP20-1 ZIF STM8-2  
(1290) DIL48/QFPN32-1 ZIF STM8-2

(1291) DIL48/QFPN32-1 ZIF STM8-1  
(1292) DIL48/QFP100-1 ZIF R32C-1  
(1293) DIL33/MLF32-1 ZIF-2 or DIL33/MLF32-1 ZIF-CS-2 or DIL32/MLF32-1 ZIF-CS  
(1294) DIL33/MLF32-1 ZIF-2 or DIL33/MLF32-1 ZIF-CS-2  
(1295) DIL48/QFP80 ZIF HD64-8  
(1296) BGA-0630/1038 = BGA-Bottom-59 + BGA-Top-186 ZIF-CS  
(1297) BGA-1128/0263 = BGA-Bottom-126 + BGA-Top-9 ZIF-CS  
(1298) DIL48/QFP64 ZIF w-1  
(1299) DIL48/QFN56 ZIF-CS ICPZBS240  
(1300) DIL40/TSOP40 ZIF 18.4mm 3d Plus  
(1301) BGA-1092/1158 = BGA-Bottom-182 + BGA-Top-102 ZIF-CS  
(1304) BGA-1092/1157 = BGA-Bottom-182 + BGA-Top-99 ZIF-CS  
(1306) BGA-1094/1157 = BGA-Bottom-184 + BGA-Top-99 ZIF-CS  
(1307) BGA-1152/0653 = BGA-Bottom-196 + BGA-Top-121 ZIF-CS  
(1309) DIL48/QFP64 ZIF XMEGA-1  
(1310) BGA-1166/1163 = BGA-Bottom-198 + BGA-Top-180 ZIF-CS  
(1311) BGA-1165/1164 = BGA-Bottom-199 + BGA-Top-220 ZIF-CS  
(1312) BGA-1008/1185 = BGA-Bottom-148 + BGA-Top-225 ZIF  
(1313) DIL8/SOIC8-1 ZIF 170mil  
(1314) DIL8/CE30 XFP  
(1315) DIL48/QFP100 ZIF LPC-2  
(1316) BGA-0245/1190 = BGA-Bottom-1 + BGA-Top-224 ZIF-CS  
(1317) BGA-0630/1190 = BGA-Bottom-59 + BGA-Top-224 ZIF-CS  
(1318) DIL48/TQFP144 ZIF ST10-2  
(1319) BGA-0395/0724 = BGA-Bottom-21 + BGA-Top-132 ZIF-CS  
(1320) DIL48/SDIP32-1 ZIF STM8-1  
(1321) DIL48/QFPN28-1 ZIF-CS STM8-1  
(1322) DIL40/DIL40 ZIF ForceNC  
(1324) DIL48/QFP208 ZIF PLD-13  
(1325) BGA-1183/1033 = BGA-Bottom-202 + BGA-Top-143 ZIF-CS  
(1326) DIL48/LQFP48 ZIF VNC1L-1  
(1327) DIL48/QFP144 ZIF HCS12-2  
(1328) DIL48/QFP64 ZIF TMP-3  
(1329) DIL32/QFP100-1.02 ZIF NEC78P07x  
(1330) DIL48/QFP80 ZIF LPC-1  
(1331) DIL48/QFP100 ZIF LPC-8 or DIL48/QFP100 ZIF LPC-3  
(1332) DIL48/QFP48 ZIF LPC-1  
(1333) DIL48/QFN32 ZIF-CS LPC-1  
(1334) DIL48/QFP144 ZIF PLD-10  
(1335) DIL48/QFP208 ZIF PLD-14  
(1336) DIL48/QFP160 ZIF-CS PLD-2  
(1337) BGA-1029/1028 = BGA-Bottom-152 + BGA-Top-181 ZIF-CS  
(1338) BGA-1205/0955 = BGA-Bottom-189 + BGA-Top-119 ZIF  
(1339) BGA-1198/0955 = BGA-Bottom-138 + BGA-Top-119 ZIF  
(1340) BGA-1174/1163 = BGA-Bottom-151 + BGA-Top-180 ZIF-CS  
(1341) BGA-1181/1182 = BGA-Bottom-201 + BGA-Top-223 ZIF  
(1342) BGA-0975/0976 = BGA-Bottom-131 + BGA-Top-178 ZIF  
(1343) DIL8/BGA24-2 ZIF-CS SFlash-1 (\*1) or BGA-1114/1197 = BGA-Bottom-187 + BGA-Top-227 ZIF-CS  
(1344) DIL48/QFP144 ZIF MCF52-1  
(1345) DIL48/LQFP176 ZIF TriCore-1  
(1346) Bottom TSOP48 NOR-1 + Top TSOP48 ZIF 18.4mm  
(1347) Bottom TSOP48 NOR-2 + Top TSOP48 ZIF 18.4mm  
(1348) Bottom TSOP48 NOR-3 + Top TSOP48 ZIF 18.4mm  
(1349) Bottom TSOP48 NOR-4 + Top TSOP48 ZIF 18.4mm  
(1350) Bottom TSOP48 NOR-5 + Top TSOP48 ZIF 18.4mm  
(1351) Bottom TSOP48 NOR-6 + Top TSOP48 ZIF 18.4mm  
(1352) Bottom R-TSOP48 NOR-1 + Top TSOP48 ZIF 18.4mm  
(1353) Bottom R-TSOP48 NOR-2 + Top TSOP48 ZIF 18.4mm  
(1354) Bottom R-TSOP48 NOR-3 + Top TSOP48 ZIF 18.4mm  
(1355) Bottom R-TSOP48 NOR-4 + Top TSOP48 ZIF 18.4mm  
(1356) Bottom PSOP44 NOR-1 + Top PSOP44 ZIF 600mil  
(1357) Bottom PSOP44 NOR-2 + Top PSOP44 ZIF 600mil  
(1358) Bottom PSOP44 NOR-3 + Top PSOP44 ZIF 600mil  
(1359) Bottom PSOP44 NOR-4 + Top PSOP44 ZIF 600mil  
(1360) Bottom R-PSOP44 NOR-1 + Top PSOP44 ZIF 600mil  
(1362) Bottom TSOP40 NOR-2 + Top TSOP40 ZIF 12.4mm  
(1364) Bottom TSOP40 NOR-4 + Top TSOP40 ZIF 12.4mm  
(1365) Bottom TSOP40 NOR-5 + Top TSOP40 ZIF 12.4mm  
(1366) Bottom TSOP40 NOR-6 + Top TSOP40 ZIF 12.4mm  
(1367) Bottom TSOP40 NOR-1 + Top TSOP40 ZIF 18.4mm  
(1368) Bottom TSOP40 NOR-2 + Top TSOP40 ZIF 18.4mm  
(1369) Bottom TSOP40 NOR-3 + Top TSOP40 ZIF 18.4mm  
(1370) Bottom TSOP40 NOR-4 + Top TSOP40 ZIF 18.4mm  
(1371) Bottom TSOP40 NOR-5 + Top TSOP40 ZIF 18.4mm  
(1372) Bottom TSOP40 NOR-6 + Top TSOP40 ZIF 18.4mm  
(1373) Bottom R-TSOP40 NOR-1 + Top TSOP40 ZIF 18.4mm  
(1374) Bottom R-TSOP40 NOR-2 + Top TSOP40 ZIF 18.4mm  
(1376) Bottom TSOP32 NOR-1 + Top TSOP32 ZIF 12.4mm  
(1377) Bottom TSOP32 NOR-2 + Top TSOP32 ZIF 12.4mm  
(1381) Bottom TSOP32 NOR-2 + Top TSOP32 ZIF 18.4mm  
(1383) Bottom R-TSOP32 NOR-1 + Top TSOP32 ZIF 18.4mm  
(1384) DIL32/PLCC32 ZIF-CS NOR-1  
(1385) DIL28/TSOP28 ZIF 11.8mm SFlash-1  
(1388) DIL8w/TSSOP8 ZIF 170mil SFlash-1  
(1389) DIL8/QFN8-5 ZIF-CS SFlash-2  
(1391) DIL8/QFN8-1 ZIF-CS SFlash-2  
(1392) DIL8/QFN8-1 ZIF-CS SFlash-1  
(1396) DIL8w/SOIC8 ZIF 150mil SFlash-2  
(1398) DIL48/QFN20-2 ZIF-CS  
(1399) DIL32/PLCC32 ZIF or DIL32/PLCC32 ZIF-CS or DIL32/PLCC32 ZIF-CS NOR-1  
(1400) Bottom TSOP56 NOR-1 + Top TSOP56 ZIF 18.4mm  
(1401) Bottom TSOP56 NOR-2 + Top TSOP56 ZIF 18.4mm  
(1402) Bottom TSOP56 NOR-3 + Top TSOP56 ZIF 18.4mm  
(1404) Bottom TSOP56 NOR-5 + Top TSOP56 ZIF 18.4mm  
(1405) Bottom TSOP56 NOR-6 + Top TSOP56 ZIF 18.4mm  
(1406) Bottom TSOP56 NOR-7 + Top TSOP56 ZIF 18.4mm  
(1407) Bottom TSOP56 NOR-8 + Top TSOP56 ZIF 18.4mm  
(1408) Bottom TSOP56 NOR-9 + Top TSOP56 ZIF 18.4mm  
(1409) Bottom TSOP56 NOR-10 + Top TSOP56 ZIF 18.4mm  
(1411) DIL40/TSOP40 ZIF-CS 12.4mm or Bottom TSOP32 NOR-1 + Top TSOP32 ZIF 12.4mm  
(1412) DIL40/TSOP40 ZIF-CS 12.4mm or Bottom TSOP32 NOR-2 + Top TSOP32 ZIF 12.4mm  
(1413) DIL40/TSOP40 ZIF-CS 12.4mm or Bottom R-TSOP32 NOR-1 + Top TSOP32 ZIF 12.4mm  
(1414) DIL32/TSOP32 ZIF 18.4mm or Bottom TSOP32 NOR-2 + Top TSOP32 ZIF 18.4mm  
(1415) DIL32/TSOP32 ZIF 18.4mm or Bottom R-TSOP32 NOR-1 + Top TSOP32 ZIF 18.4mm  
(1416) DIL32/TSOP32 ZIF 12.4mm NOR-1  
(1417) DIL40/TSOP40 ZIF 18.4mm NOR-1  
(1418) DIL48/QFP100-1 ZIF NEC-9  
(1419) DIL48/QFP100-2 ZIF-CS NEC-9  
(1420) DIL8/QFN8-6 ZIF-CS  
(1421) BGA-0245/0734 = BGA-Bottom-1 + BGA-Top-135 ZIF  
(1423) BGA-1122/1121 = BGA-Bottom-157 + BGA-Top-187 ZIF  
(1424) DIL48/TQFP44 ZIF MAXQ-1  
(1426) DIL48/QFN40 ZIF-CS MAXQ-1  
(1427) DIL48/QFP208 ZIF ARM-1  
(1428) DIL48/QFP144 ZIF ARM-1  
(1429) DIL48/QFP100 ZIF ARM-2  
(1430) DIL8w/SOIC8-1 ZIF 170mil SFlash-1  
(1431) BGA-1147/1148 = BGA-Bottom-195 + BGA-Top-218 ZIF  
(1432) DIL48/LQFP144 ZIF AVR32-2  
(1433) module ISP-1-20 through ISP connector  
(1434) DIL48/QFP100-1 ZIF NEC-10  
(1435) DIL48/QFP100-1 ZIF NEC-11 or DIL48/QFP100-1 ZIF-CS NEC-11  
(1436) DIL48/QFP100-2 ZIF NEC-11  
(1437) Bottom TSOP56 NOR-12 + Top TSOP56 ZIF 18.4mm  
(1438) DIL32/SOIC32 ZIF 445mil  
(1439) BGA-1291/1290 = BGA-Bottom-204 + BGA-Top-213 ZIF  
(1440) DIL48/QFN56 ZIF-CS ICPZBS241  
(1441) DIL48/QFP48-1 ZIF STM8-2

(1442) DIL48/QFP80-1 ZIF M30-1  
(1443) DIL48/QFP80-1 ZIF MSP430-3  
(1444) DIL48/QFN44 ZIF-CS MAXQ-2  
(1445) DIL48/QFN44 ZIF-CS MAXQ-1  
(1446) DIL48/QFN32 ZIF-CS MAXQ-2  
(1447) DIL8w/SoIC8-2 ZIF 200mil SFlash-1  
(1448) DIL48/SSOP44 ZIF CubeXC17V16  
(1449) DIL48/QFP80-1 ZIF NEC-3  
(1450) DIL48/QFP100 ZIF XMEGA-1  
(1451) DIL48/LQFP144 ZIF AVR32-3  
(1452) DIL48/TQFP100 ZIF AVR32-2  
(1453) DIL48/TQFP64 ZIF AVR32-2  
(1454) DIL48/QFP44 ZIF XMEGA-1  
(1455) DIL48/QFN44 ZIF-CS XMEGA-1  
(1456) DIL48/TSOP48 ZIF 18.4mm NAND-3 (\*1) or DIL48/TSOP48 ZIF 18.4mm NAND-ONFI or DIL48/TSOP48 ZIF 18.4mm NAND  
(1457) BGA-0448/0964 = BGA-Bottom-19 + BGA-Top-182 ZIF-CS  
(1458) DIL48/QFN64 ZIF PIC-1  
(1459) DIL48/QFN68 ZIF-CS CY-2  
(1460) BGA-0713/1038 = BGA-Bottom-76 + BGA-Top-186 ZIF-CS  
(1461) DIL32/QFP100 ZIF-CS HS3836ESF01H  
(1462) DIL48/QFPN48-1 ZIF STM8-1  
(1463) DIL48/LQFP64 ZIF R5F-2  
(1464) BGA-1114/1334 = BGA-Bottom-187 + BGA-Top-235 ZIF-CS  
(1465) DIL40/TQFP100-2 ZIF PIC-1A  
(1467) BGA-1354/0970 = BGA-Bottom-209 + BGA-Top-103 ZIF-CS  
(1468) DIL16/DSOSP-14-6 ZIF-CS SP35  
(1469) DIL48/TSSOP16 ZIF IDT-1  
(1470) BGA-0386/0734 = BGA-Bottom-16 + BGA-Top-135 ZIF  
(1471) BGA-1349/1157 = BGA-Bottom-205 + BGA-Top-99 ZIF-CS  
(1472) DIL48/QFP100 ZIF ARM-3  
(1473) DIL48/QFP64 ZIF ARM-2  
(1474) DIL48/QFN64 ZIF ARM-2  
(1475) DIL48/QFP48 ZIF ARM-1  
(1476) DIL48/QFN48 ZIF ARM-1  
(1477) DIL38/SSOP38 ZIF PMA7-1  
(1478) DIL48/QFN48 ZIF-CS PLD-1  
(1479) BGA-1108/0955 = BGA-Bottom-155 + BGA-Top-119 ZIF  
(1480) BGA-1109/0955 = BGA-Bottom-158 + BGA-Top-119 ZIF  
(1481) BGA-1142/0955 = BGA-Bottom-139 + BGA-Top-119 ZIF  
(1482) BGA-1209/0955 = BGA-Bottom-203 + BGA-Top-119 ZIF  
(1483) BGA-1212/0955 = BGA-Bottom-167 + BGA-Top-119 ZIF  
(1484) BGA-1280/0955 = BGA-Bottom-147 + BGA-Top-119 ZIF  
(1485) DIL32/TSOP32 ZIF-CS 14mm  
(1486) DIL48/QFP176 ZIF-CS PLD-2  
(1487) DIL48/QFP128 ZIF PLD-4  
(1488) DIL48/QFN132 ZIF-CS PLD-1  
(1489) DIL48/QFN132 ZIF-CS PLD-2  
(1490) DIL48/QFN108 ZIF PLD-1  
(1491) DIL48/QFN180 ZIF PLD-1  
(1492) BGA-1367/0999 = BGA-Bottom-154 + BGA-Top-148 ZIF  
(1493) BGA-1376/1394 = BGA-Bottom-143 + BGA-Top-239 ZIF or BGA-1376/1395 = BGA-Bottom-143 + BGA-Top-240 ZIF  
(1494) DIL48/LQFP48 ZIF ISD151  
(1495) DIL8/QFN8-7 ZIF-CS  
(1496) DIL48/LQFP100 ZIF T5CN5  
(1497) DIL48/QFP32 ZIF MAXQ-1  
(1498) DIL48/QFP64 ZIF MAXQ-1  
(1499) DIL48/QFN48 ZIF-CS CY8C-1  
(1500) DIL48/QFP144 ZIF-CS H8S-8  
(1501) DIL48/TQFP80-1 ZIF SAMS-1  
(1502) BGA-1024/1381 = BGA-Bottom-166 + BGA-Top-230 ZIF-CS  
(1503) DIL48/DIL28 ZIF LPC-1  
(1504) DIL48/QFP100 ZIF PLD-15  
(1505) DIL48/QFP144 ZIF PLD-11  
(1506) DIL48/QFP208 ZIF PLD-15  
(1507) DIL48/QFP100 ZIF PLD-16  
(1508) BGA-0401/0559 = BGA-Bottom-14 + BGA-Top-43 ZIF-CS  
(1509) BGA-0439/0243 = BGA-Bottom-30 + BGA-Top-3 ZIF-CS  
(1510) BGA-1143/1395 = BGA-Bottom-118 + BGA-Top-240 ZIF or BGA-1143/0565 = BGA-Bottom-118 + BGA-Top-89 ZIF  
(1511) BGA-1397/0850A = BGA-Bottom-119 + BGA-Top-117 ZIF (a) or BGA-1397/0850 = BGA-Bottom-119 + BGA-Top-117 ZIF  
(1512) BGA-1347/1348 = BGA-Bottom-207 + BGA-Top-237 ZIF  
(1513) BGA-1372/0746 = BGA-Bottom-210 + BGA-Top-115 ZIF  
(1514) DIL48/LQFP32 ZIF MTV-1  
(1515) DIL48/SSOP28 ZIF MTV-1  
(1516) DIL48/PQFP44 ZIF MTV-1  
(1517) DIL48/PLCC44 ZIF MTV-1  
(1518) DIL48/LQFP48 ZIF MTV-1  
(1519) DIL48/QFP100 ZIF MSP430-2  
(1520) DIL48/TQFP64 ZIF C164-1  
(1521) DIL32w/SSOP32 ZIF 200mil  
(1522) DIL48/QFP64-2 ZIF-CS STM8-1  
(1523) DIL48/QFP80 ZIF HD64-10  
(1524) DIL48/BGA63-1 ZIF NAND-1 (\*1) or BGA-1008/0369 = BGA-Bottom-148 + BGA-Top-31 ZIF  
(1525) BGA-1398/0286 = BGA-Bottom-206 + BGA-Top-20 ZIF  
(1526) DIL48/QFN20-3 ZIF-CS  
(1527) BGA-1392/1379 = BGA-Bottom-214 + BGA-Top-232 ZIF-CS  
(1528) DIL48/QFP80-2 ZIF HCS08-2  
(1531) DIL48/LQFP48-1 ZIF MB9-1  
(1533) DIL48/SoIC20-1 ZIF STM8-1  
(1534) DIL48/QFP100-1 ZIF R5F-1  
(1535) DIL8/QFN8-8 ZIF-CS  
(1536) BGA-1396/1379 = BGA-Bottom-215 + BGA-Top-232 ZIF-CS  
(1537) BGA-1396/1408 = BGA-Bottom-215 + BGA-Top-233 ZIF-CS  
(1538) BGA-1396/0850A = BGA-Bottom-215 + BGA-Top-117 ZIF (a) or BGA-1396/0850 = BGA-Bottom-215 + BGA-Top-117 ZIF  
(1539) DIL48/QFN48-2 ZIF-CS  
(1540) DIL44/TSSOP44 ZIF 170mil  
(1541) BGA-1413/1414 = BGA-Bottom-216 + BGA-Top-241 ZIF  
(1542) DIL48/QFP64 ZIF MSP430-2  
(1543) DIL48/LQFP44 ZIF XE-1  
(1544) DIL48/DIL48 ZIF ForceNC  
(1546) DIL44/FlatPack44-1 ZIF  
(1547) DIL48/TSOP50 ZIF module 3D Plus NAND-1a (\*1) or DIL48/TSOP50 ZIF NAND module 3D Plus or DIL48/TSOP50 ZIF NAND module 3D Plus -a  
(1548) DIL28/TSSOP28 ZIF 150mil  
(1549) DIL48/QFP100 ZIF MCF52-2  
(1550) DIL28/QFN28-3 ZIF  
(1551) DIL40/TQFP100-1 ZIF PIC-2  
(1552) BGA-1135/4126 = BGA-Bottom-194 + BGA-Top-410 ZIF or BGA-1135/0944 = BGA-Bottom-194 + BGA-Top-176 ZIF-CS  
(1553) BGA-1135/1051 = BGA-Bottom-194 + BGA-Top-203 ZIF-CS  
(1554) DIL6/QFN6-1 ZIF-CS  
(1555) BGA-1422/4126 = BGA-Bottom-217 + BGA-Top-410 ZIF or BGA-1422/0944 = BGA-Bottom-217 + BGA-Top-176 ZIF-CS  
(1556) DIL48/QFP80 ZIF PSD-2  
(1557) DIL48/QFP100 ZIF CY-2  
(1558) DIL48/QFN32 ZIF-CS Elmos-1  
(1559) BGA-1423/1424 = BGA-Bottom-218 + BGA-Top-244 ZIF  
(1561) DIL24/QFN24 ZIF-CS  
(1562) DIL38/QFN38 ZIF-CS  
(1563) BGA-1008/1038 = BGA-Bottom-148 + BGA-Top-186 ZIF-CS  
(1564) DIL48/QFP100 ZIF EFM-1  
(1565) DIL48/QFN64 ZIF EFM-1  
(1566) DIL48/QFN32 ZIF-CS EFM-1  
(1567) DIL48/QFP80 ZIF MN101-3 or DIL48/QFP80 ZIF MN101-1 or DIL48/QFP80 ZIF-CS MN101-1  
(1569) DIL48/QFN48 ZIF-CS CY8C-2  
(1570) DIL48/QFN48 ZIF CY8x3x-1  
(1572) DIL48/QFP144 ZIF STM32-3 or DIL48/QFP144 ZIF STM32-2  
(1573) DIL48/QFP176 ZIF STM32-2  
(1574) DIL48/TSOP48 ZIF 18.4mm NAND-3 (\*1) or DIL48/TSOP48 ZIF 18.4mm NAND-2  
(1576) DIL48/QFP64 ZIF STM32-3 or DIL48/QFP64 ZIF STM32-2  
(1579) DIL48/QFP128 ZIF HD64-1  
(1580) DIL48/QFP144 ZIF H8SX-1



(1581) DIL48/QFN42 ZIF-CS SI-1  
(1582) DIL48/QFP48-1 ZIF WT-1  
(1583) DIL48/QFP100-1 ZIF HCS08-1  
(1584) BGA-0776/0453A = BGA-Bottom-71 + BGA-Top-44 ZIF (a) or BGA-0776/0453 = BGA-Bottom-71 + BGA-Top-44 ZIF  
(1585) BGA-1421/1051 = BGA-Bottom-135 + BGA-Top-203 ZIF-CS  
(1586) BGA-1425/1426 = BGA-Bottom-134 + BGA-Top-245 ZIF-CS  
(1587) BGA-1431/1432 = BGA-Bottom-136 + BGA-Top-170 ZIF-CS  
(1588) BGA-1449/0970 = BGA-Bottom-221 + BGA-Top-103 ZIF-CS  
(127) DIL48/QFP100 ZIF TMPM370-1 or DIL48/QFP100 ZIF-CS TMPM370-1  
(128) DIL48/LQFP100 ZIF TMPM370-1 or DIL48/LQFP100 ZIF-CS TMPM370-1  
(129) BGA-1091/2138 = BGA-Bottom-191 + BGA-Top-252 ZIF-CS  
(130) DIL48/QFP80-1 ZIF-CS NEC-4  
(131) DIL48/QFN40 ZIF STM32w  
(132) DIL48/QFN48 ZIF STM32w  
(133) DIL48/QFN48-1 ZIF-CS PX8-1  
(134) DIL48/QFP208 ZIF PLD-16  
(135) BGA-2143/1079A = BGA-Bottom-224 + BGA-Top-208 ZIF (a) or BGA-2143/1079 = BGA-Bottom-224 + BGA-Top-208 ZIF  
(136) DIL24/QFN24 ZIF-CS EFM-1  
(137) DIL48/QFP80-1 ZIF STM8-2  
(138) DIL48/QFP64-1 ZIF STM8-2  
(139) BGA-1458/1408 = BGA-Bottom-223 + BGA-Top-233 ZIF  
(140) BGA-1458/2141 = BGA-Bottom-223 + BGA-Top-249 ZIF  
(141) BGA-1458/2142 = BGA-Bottom-223 + BGA-Top-253 ZIF  
(225) DIL48/LQFP100 ZIF T5CN5-2  
(227) DIL48/LQFP100 ZIF TMPM321-1  
(229) DIL40/QFN64 ZIF-CS PIC-3  
(226) DIL48/SDIP64 ZIF M38-2  
(226) DIL48/QFN40 ZIF TPS-1 or DIL48/QFN40 ZIF-CS TPS-1  
(226) DIL48/QFN40-2 ZIF or DIL48/QFN40-2 ZIF-CS  
(226) DIL48/HiQUAD-64 ZIF L9805  
(226) DIL48/QFP64-1 ZIF-CS MB90F-3  
(226) DIL48/QFP64 ZIF HD64-3  
(226) DIL48/QFP100 ZIF MSP430-3  
(227) DIL48/LQFP64 ZIF LM35-2  
(227) DIL48/LQFP100 ZIF LM35-2  
(227) DIL48/TSSOP20 ZIF IDT-1  
(227) DIL48/TSSOP20 ZIF IDT-2  
(227) BGA-1064/4126 = BGA-Bottom-173 + BGA-Top-410 ZIF or BGA-1064/0944 = BGA-Bottom-173 + BGA-Top-176 ZIF-CS  
(227) BGA-2145/1079A = BGA-Bottom-174 + BGA-Top-208 ZIF (a) or BGA-2145/1079 = BGA-Bottom-174 + BGA-Top-208 ZIF  
(227) BGA-1423/2177 = BGA-Bottom-218 + BGA-Top-248 ZIF  
(228) DIL48/QFP100 ZIF MCF-2  
(228) DIL48/QFN20-1 ZIF-CS ISD-1  
(228) DIL48/QFN40 ZIF-CS XRP-1  
(228) DIL48/LQFP48-1 ZIF HD64-1  
(228) DIL48/QFP208 ZIF MB91F-1  
(228) DIL48/QFN36 ZIF CY8x3x-1  
(229) DIL48/QFN48 ZIF PLD-2  
(229) DIL48/QFN64 ZIF PLD-1  
(229) DIL48/QFP120 ZIF-CS NEC-1  
(229) DIL48/LQFP52 ZIF QZROM-1  
(229) DIL48/PQFP80 ZIF-CS QZROM-1  
(229) BGA-2180/1394 = BGA-Bottom-225 + BGA-Top-239 ZIF  
(229) DIL48/SOIC8 ZIF IDT-1  
(229) DIL48/QFP144 ZIF-CS EPS-1  
(230) DIL48/QFN24 ZIF-CS LPC-1  
(230) DIL48/QFN64 ZIF MSP430-2 or DIL48/QFN64 ZIF-CS MSP430-2  
(230) DIL48/QFN20-4 ZIF-CS  
(230) LGA-0924/1352 = LGA-Bottom-121 + LGA-Top-165 ZIF-CS  
(230) DIL48/QFP100-1 ZIF NEC-12 or DIL48/QFP100-1 ZIF-CS NEC-12  
(230) DIL48/QFP176-1 ZIF TMS320-2a or DIL48/QFP176-1 ZIF TMS320-2  
(230) DIL48/LQFP144 ZIF-CS TMPM324-1 or DIL48/LQFP144 ZIF TMPM324-1  
(230) Note: specialized by customer  
(230) DIL48/QFP64 ZIF MC95-1  
(230) BGA-2228/2230 = BGA-Bottom-132 + BGA-Top-243 ZIF-CS  
(230) BGA-2228/2229 = BGA-Bottom-132 + BGA-Top-156 ZIF  
(230) DIL48/QFN48-3 ZIF-CS or DIL48/QFN48-3 ZIF  
(230) DIL48/QFN40 ZIF-CS CC-2  
(230) DIL48/QFN36 ZIF-CS NUC-1  
(230) DIL48/QFP100 ZIF NUC-1  
(230) DIL48/QFP64 ZIF NUC-1  
(230) DIL48/QFP48 ZIF NUC-4 or DIL48/QFP48 ZIF NUC-1  
(230) DIL48/QFN32 ZIF NUC-1  
(230) DIL48/QFP48 ZIF NUC-2  
(230) DIL48/QFP64 ZIF SAMS-1  
(230) DIL48/QFP80-1 ZIF MSP430-4  
(230) AS-68-40-03PG-6; Emulation Technology  
(230) DIL48/QFN40 ZIF CHIL-1  
(230) DIL48/QFN56 ZIF-CS MAX-1  
(230) DIL16/SSOP16 ZIF 155mil  
(230) BGA-1091/2250 = BGA-Bottom-191 + BGA-Top-256 ZIF-CS  
(230) DIL48/QFP144 ZIF R32C-1  
(230) DIL48/QFN32 ZIF NUC-2  
(230) DIL48/QFP48 ZIF-CS M34-1  
(230) DIL46/TSOP44-II ZIF 400mil MR-1  
(230) DIL48/QFP80-1 ZIF HC11-1  
(230) DIL40/SOIC16 ZIF MB-1  
(230) DIL48/SDIP32 ZIF MB-1  
(230) DIL48/SSOP34 ZIF MB-1  
(230) DIL48/QFN32 ZIF MB95-2  
(230) DIL48/DIL16 ZIF MB95-2  
(230) BGA-2237/0999 = BGA-Bottom-137 + BGA-Top-148 ZIF  
(230) DIL20/SSOP20 ZIF 155mil or DIL24/QSOP24 ZIF 150mil  
(230) DIL24/SSOP24 ZIF 155mil or DIL24/QSOP24 ZIF 150mil  
(230) DIL48/BGA107-1 ZIF NAND-1 or BGA-1020/1462 = BGA-Bottom-105 + BGA-Top-250 ZIF  
(230) DIL48/QFP48 ZIF STM32-2 or DIL48/QFP48 ZIF STM32  
(230) BGA-0713/0369A = BGA-Bottom-76 + BGA-Top-31a ZIF or BGA-0713/0369 = BGA-Bottom-76 + BGA-Top-31 ZIF  
(230) DIL8w/SOIC8 ZIF 150mil TP-1  
(230) DIL8w/SOIC8 ZIF 150mil TP-2  
(230) DIL8/QFN8-4 ZIF-CS TP-1 or DIL8/QFN8-4 ZIF TP-1  
(230) DIL8/QFN8-4 ZIF-CS TP-2 or DIL8/QFN8-4 ZIF TP-2  
(230) DIL8/SOT23-6 ZIF-CS TP-2  
(230) DIL8/SOT23-6 ZIF-CS TP-1  
(230) DIL40/QFN32-1 ZIF-CS ADP-1  
(230) DIL20/SSOP20-1 ZIF 155mil or DIL24/QSOP24 ZIF 150mil  
(230) DIL30/SSOP30 ZIF 240mil  
(230) DIL48/QFP64-1 ZIF TMS320-1  
(230) DIL8/SOIC8 ZIF MB95-1  
(230) DIL48/DIL8 ZIF MB95-1  
(230) DIL40/SOIC20 ZIF MB95-1  
(230) DIL48/SDIP32 ZIF MB-3  
(230) DIL20/TSSOP20 ZIF MB95-1  
(230) DIL48/QFN32 ZIF MB95-1  
(230) DIL48/QFN32 ZIF MB95-4  
(230) DIL48/QFP120 ZIF FM3-1  
(230) BGA-2279/2257 = BGA-Bottom-211 + BGA-Top-258 ZIF  
(230) BGA-2275/2276 = BGA-Bottom-245 + BGA-Top-261 ZIF-CS  
(230) DIL48/QFP48 ZIF LPC-2  
(230) DIL48/QFP64 ZIF LPC-3  
(230) DIL48/PQFP44 ZIF MTV-2  
(230) DIL48/LQFP48 ZIF MTV-2  
(230) DIL48/SOP60 ZIF MMFO-01  
(230) BGA-2261/2274 = BGA-Bottom-244 + BGA-Top-260 ZIF  
(230) BGA-2261/1426 = BGA-Bottom-244 + BGA-Top-245 ZIF-CS  
(230) BGA-2290/1032 = BGA-Bottom-247 + BGA-Top-161 ZIF-CS  
(230) DIL48/QFP176 ZIF EPS-1  
(230) DIL48/QFP240 ZIF EPS-1  
(230) DIL48/SD card(1)  
(230) DIL48/QFP144 ZIF H8S-9

(2381) DIL48/QFN36 ZIF R5F-1  
(2382) DIL48/QFN48 ZIF-CS MSP430-1  
(2383) DIL48/QFP216 ZIF EPS-1  
(2384) DIL48/QFN64 ZIF AVR32-2  
(2385) DIL48/QFN64 ZIF-CS AVR-2  
(2388) DIL48/QFN48 ZIF-CS SD34-1  
(2389) BGA-2344/2345 = BGA-Bottom-251 + BGA-Top-257 ZIF  
(2390) BGA-2344/2345 = BGA-Bottom-251 + BGA-Top-257 ZIF or BGA-0364/0655 = BGA-Bottom-6 + BGA-Top-36 ZIF-CS  
(2391) DIL48/QFP64-1.04 ZIF-CS R5F-2 or DIL48/LQFP64 ZIF-CS R5F-2  
(2392) BGA-Bottom-165 + BGA-Top-193 ZIF-CS (a) (\*) or BGA-Bottom-165 + BGA-Top-299 ZIF (a) (\*) or BGA-Bottom-165 + BGA-Top-193 ZIF-CS or BGA-Bottom-165 + BGA-Top-299 ZIF  
(2394) DIL48/QFP100 ZIF PLD-17  
(2395) DIL48/QFP64 ZIF PLD-3  
(2396) DIL48/QFP144 ZIF PLD-12  
(2397) BGA-2324/0887 = BGA-Bottom-140 + BGA-Top-155 ZIF  
(2398) DIL48/QFP100 ZIF MB96-1  
(2399) DIL48/QFP100 ZIF FM3-1  
(2400) DIL48/QFN32 ZIF MB95-3  
(2401) DIL48/SDIP32 ZIF MB-4 or DIL48/SDIP32 ZIF MB-2  
(2402) DIL48/QFP32 ZIF MB95-1  
(2403) DIL48/LQFP52 ZIF MB95F-1  
(2404) DIL48/QFN36 ZIF STM32  
(2406) DIL48/QFN48 ZIF STM32-2 or DIL48/QFN48 ZIF STM32  
(2408) DIL48/QFP128 ZIF HD64-2  
(2409) DIL48/QFP144-1 ZIF R5F-1  
(2410) DIL48/QFP48 ZIF MSP430-1  
(2411) DIL8/QFN8-10 ZIF-CS  
(2412) DIL48/QFN36 ZIF-CS ILI-1  
(2413) DIL48/QFP64 ZIF-CS M38-1  
(2414) DIL48/QFP100-3 ZIF NEC-7  
(2415) DIL48/TQFP64 ZIF PIC-4  
(2416) DIL48/QFN64 ZIF PIC-2  
(2417) DIL48/QFN48-1 ZIF-CS PX8-2  
(2418) DIL48/QFP100-2 ZIF R5F-1  
(2419) BGA-2323/2325 = BGA-Bottom-250 + BGA-Top-262 ZIF-CS  
(2422) DIL48/QFP160 ZIF-CS PLD-3  
(2423) DIL48/QFP208 ZIF PLD-17  
(2424) DIL48/QFP48 ZIF EFM-1  
(2425) DIL48/QFP80 ZIF MB95-1  
(2426) DIL48/QFP64 ZIF MB95-1  
(2427) DIL48/QFP64 ZIF MB95-2  
(2428) DIL48/QFN32 ZIF CC-1  
(2430) DIL8/QFN8-9 ZIF-CS SFlash-1  
(2431) DIL48/BGA100-1.01 ZIF-CS eMMC-1 (\*) or DIL48/BGA100-1.01 ZIF eMMC-2 (\*) or BGA-2249/2260 = BGA-Bottom-243 + BGA-Top-228 ZIF-CS  
(2432) BGA-Bottom-165 + BGA-Top-144 ZIF-CS (a) or BGA-Bottom-165 + BGA-Top-302 ZIF (a) or BGA-Bottom-165 + BGA-Top-144 ZIF-CS or BGA-Bottom-165 + BGA-Top-302 ZIF  
(2433) BGA-2346/1051 = BGA-Bottom-252 + BGA-Top-203 ZIF-CS  
(2434) DIL48/QFP100 ZIF EPS-1  
(2435) DIL48/QFP128 ZIF EPS-1  
(2436) DIL48/QFP64 ZIF HD64-4  
(2437) DIL48/TQFP100 ZIF HD64-1  
(2438) DIL48/QFP144 ZIF H8S-10  
(2562) BGA-2498/1079A = BGA-Bottom-254 + BGA-Top-208 ZIF (a) or BGA-2498/1079 = BGA-Bottom-254 + BGA-Top-208 ZIF  
(2563) DIL48/QFN40-2 ZIF ILI-1  
(2565) DIL48/QFN48 ZIF-CS CHIL-1  
(2566) DIL48/QFN48 ZIF-CS CHIL-2  
(2567) DIL48/QFN56 ZIF-CS CHIL-1  
(2568) DIL48/QFN40 ZIF UCD-1  
(2570) BGA-2331/2330 = BGA-Bottom-249 + BGA-Top-263 ZIF-CS  
(2571) DIL48/BGA130-1 ZIF NAND-1 (\*) or BGA-1024/1454 = BGA-Bottom-166 + BGA-Top-242 ZIF-CS  
(2572) DIL48/QFP48 ZIF STM32-2 or DIL48/TQFP48-1 ZIF or DIL48/QFP48 ZIF STM32  
(2573) DIL48/QFN36 ZIF STM32 or DIL37/QFN36-1 ZIF-CS  
(2574) DIL48/QFN48 ZIF STM32-2 or DIL48/QFN48 ZIF STM32 or DIL48/QFN48 ZIF-CS  
(2575) DIL48/QFP80-1 ZIF TMS320-1a  
(2576) DIL32/SDIP64 ZIF PCA4738SF-64  
(2577) BGA-Bottom-165 + BGA-Top-266 ZIF-CS (a) (\*) or BGA-Bottom-165 + BGA-Top-293 ZIF (a) (\*) or BGA-Bottom-327 + BGA-Top-266 ZIF-CS (a) (\*) or BGA-Bottom-327 + BGA-Top-293 ZIF (a) (\*) or BGA-Bottom-165 + BGA-Top-266 ZIF-CS or BGA-Bottom-165 + BGA-Top-293 ZIF  
(2578) BGA-Bottom-165 + BGA-Top-271 ZIF-CS (a) (\*) or BGA-Bottom-165 + BGA-Top-284 ZIF (a) (\*) or BGA-Bottom-327 + BGA-Top-271 ZIF-CS (a) (\*) or BGA-Bottom-327 + BGA-Top-284 ZIF (a) (\*) or BGA-Bottom-165 + BGA-Top-271 ZIF-CS or BGA-Bottom-165 + BGA-Top-284 ZIF  
(2579) DIL48/QFP120 ZIF MB90-1  
(2580) DIL48/QFP48 ZIF MB95-1  
(2581) DIL48/QFN48 ZIF MB95-1  
(2582) DIL48/QFP80 ZIF MB95-2  
(2583) DIL48/QFP64 ZIF MB95-3  
(2584) DIL48/QFP64 ZIF MB95-4  
(2585) DIL48/QFP48 ZIF MB90-1  
(2586) DIL48/QFP64 ZIF MB90-1  
(2587) DIL48/QFP48 ZIF MB95-2  
(2588) DIL48/QFN48 ZIF MB95-2  
(2589) DIL40/DIL32 ZIF PIC-1  
(2590) DIL40/SSOP20 ZIF PIC-1  
(2591) DIL40/SSOP28 ZIF PIC-1  
(2592) DIL40/SOIC20 ZIF PIC-1  
(2593) DIL40/SOIC28 ZIF PIC-1  
(2594) DIL40/QFN28 ZIF-CS PIC-1  
(2595) DIL48/QFN44 ZIF-CS PIC-1  
(2596) DIL48/TQFP44 ZIF PIC-2  
(2597) DIL48/UQFN48 ZIF PIC-1  
(2598) DIL48/QFP80-1 ZIF NEC-5  
(2599) BGA-2376/2377 = BGA-Bottom-258 + BGA-Top-267 ZIF-CS  
(2600) DIL48/QFP44 ZIF MN103-1  
(2601) DIL48/QFP80 ZIF MN103-1  
(2602) DIL48/QFP80 ZIF MN101-2  
(2603) DIL48/QFP64-1.02 ZIF TMPM332-1  
(2604) DIL48/QFP64 ZIF EPS-1  
(2605) DIL48/QFP48 ZIF EPS-1  
(2606) DIL48/QFN48 ZIF CY-2  
(2607) BGA-2540/2541 = BGA-Bottom-260 + BGA-Top-273 ZIF-CS  
(2608) DIL48/QFP80 ZIF MB96-1  
(2609) BGA-2517A/1079A = BGA-Bottom-259 (a) + BGA-Top-208 ZIF (a) or BGA-2517A/1079 = BGA-Bottom-259 (a) + BGA-Top-208 ZIF or BGA-2517/1079A = BGA-Bottom-259 + BGA-Top-208 ZIF (a) or BGA-2517/1079 = BGA-Bottom-259 + BGA-Top-208 ZIF  
(2610) DIL48/QFP64 ZIF EFM-1  
(2611) DIL48/SSOP48 ZIF-CS CY-1  
(2614) DIL48/QFP64-4 ZIF NEC-5  
(2615) DIL48/QFP64-2 ZIF-CS NEC-5  
(2616) DIL48/QFP64-5 ZIF NEC-2  
(2617) DIL48/LQFP48 ZIF R5F-1  
(2618) DIL48/LQFP100 ZIF HCS12-2  
(2619) LGA-0924/2518 = LGA-Bottom-121 + LGA-Top-226 ZIF-CS  
(2620) LGA-0924/2519 = LGA-Bottom-121 + LGA-Top-238 ZIF-CS  
(2621) BGA-1020/2503 = BGA-Bottom-105 + BGA-Top-269 ZIF  
(2622) DIL48/LQFP80 ZIF H8S-1  
(2623) DIL48/WQFN48 ZIF R5F-1  
(2624) Bottom TSOP56 NOR-14 + Top TSOP56 ZIF 18.4mm  
(2626) DIL48/QFN40-2 ZIF  
(2627) DIL48/QFP64 ZIF MB96-1  
(2628) DIL48/QFP48 ZIF MB95-3  
(2629) DIL48/LQFP52 ZIF MB95F-2  
(2630) DIL48/QFP100 ZIF MB90F-6  
(2631) DIL48/QFP100 ZIF MB90F-7  
(2632) DIL48/QFP64 ZIF MB96-2  
(2633) DIL48/QFP64 ZIF MB96-3  
(2634) BGA-Bottom-165 + BGA-Top-278 ZIF-CS (a) (\*) or BGA-Bottom-165 + BGA-Top-284 ZIF (a) (\*) or BGA-Bottom-327 + BGA-Top-278 ZIF-CS (a) (\*) or BGA-Bottom-327 + BGA-Top-284 ZIF (a) (\*) or BGA-Bottom-165 + BGA-Top-278 ZIF-CS or BGA-Bottom-165 + BGA-Top-284 ZIF  
(2635) DIL48/QFP100 ZIF PLD-19  
(2636) DIL48/QFP100 ZIF PLD-20  
(2637) DIL48/QFP100 ZIF PLD-21  
(2638) BGA-2562/1394 = BGA-Bottom-262 + BGA-Top-239 ZIF

(2639) BGA-2563/0887 = BGA-Bottom-263 + BGA-Top-155 ZIF  
(2640) DIL48/QFP144 ZIF PLD-13  
(2641) DIL48/QFP144 ZIF PLD-14  
(2642) DIL48/QFP144 ZIF PLD-15  
(2643) DIL48/QFP160 ZIF-CS PLD-4  
(2644) DIL48/QFP208 ZIF PLD-19  
(2645) DIL48/QFP208 ZIF PLD-18  
(2646) DIL48/QFP240 ZIF PLD-1  
(2647) BGA-2564/1079A = BGA-Bottom-264 + BGA-Top-208 ZIF (a) or BGA-2564/1079 = BGA-Bottom-264 + BGA-Top-208 ZIF  
(2648) BGA-2565/0955 = BGA-Bottom-265 + BGA-Top-119 ZIF  
(2649) BGA-2577/0642 = BGA-Bottom-253 + BGA-Top-106 ZIF-CS  
(2650) DIL48/QFP144 ZIF LPC-2  
(2651) DIL48/QFP100 ZIF LPC-4  
(2652) DIL48/QFP100 ZIF LPC-5  
(2653) DIL48/QFP100 ZIF-CS TMP-2  
(2654) DIL48/LQFP64-1 ZIF R4F-1  
(2655) DIL48/QFP100 ZIF-CS H8S-6  
(2660) DIL48/QFP80 ZIF TMP-1  
(2661) DIL48/QFN88 ZIF-CS DCX-1 or DIL48/QFN88 ZIF DCX-1  
(2662) DIL40/QFN32-1 ZIF-CS ADP-2  
(2663) DIL48/QFN32 ZIF XRP-1  
(2664) DIL48/QFP100 ZIF PLD-22  
(2665) DIL48/QFP144 ZIF PLD-16  
(2666) BGA-2615/2616 = BGA-Bottom-269 + BGA-Top-277 ZIF-CS  
(2667) BGA-Bottom-165 + BGA-Top-276 ZIF-CS (a) (\*1) or BGA-Bottom-165 + BGA-Top-284 ZIF (a) (\*1) or BGA-Bottom-327 + BGA-Top-276 ZIF-CS (a) (\*1) or BGA-Bottom-327 + BGA-Top-284 ZIF (a) (\*1) or BGA-Bottom-165 + BGA-Top-276 ZIF-CS or BGA-Bottom-165 + BGA-Top-284 ZIF  
(2668) DIL48/DRQFN44 ZIF-CS AVR-1  
(2670) DIL48/QFN64 ZIF AVR-3  
(2671) DIL48/QFP100 ZIF MB90F-8  
(2672) DIL48/QFP32 ZIF MB95-2  
(2673) DIL48/QFP100 ZIF MB96-2  
(2675) DIL48/LQFP44 ZIF R5F-1  
(2676) DIL48/QFN32 ZIF WT-1  
(2677) DIL48/QFP48 ZIF WT-2  
(2678) DIL48/SSOP20 ZIF WT-1  
(2679) DIL48/SOIC16 ZIF WT-1  
(2680) DIL48/SOIC8 ZIF WT-1  
(2682) DIL48/TSOP54 ZIF 400mil MR-1  
(2683) DIL48/QFP64 ZIF FM3-1  
(2684) DIL48/QFP144 ZIF MB96-1  
(2685) DIL48/WQFN40 ZIF R5F-1  
(2686) DIL48/LQFP52 ZIF R5F-2  
(2687) BGA-2633/2632 = BGA-Bottom-267 + BGA-Top-280 ZIF-CS  
(2688) BGA-0439/0336 = BGA-Bottom-30 + BGA-Top-29 ZIF  
(2689) DIL48/QFP64 ZIF MC9S-2  
(2690) DIL48/BGA63-1 ZIF NAND-1 (\*1) or BGA-1008/2586 = BGA-Bottom-148 + BGA-Top-197 ZIF-CS or BGA-1008/0369 = BGA-Bottom-148 + BGA-Top-31 ZIF  
(2691) BGA-2630A/2631A = BGA-Bottom-270 (a) + BGA-Top-283 ZIF-CS (a)  
(2692) DIL48/QFP176 ZIF SD5000V100 (a) or DIL48/QFP176 ZIF SD5000V100  
(2693) BGA-Bottom-165 + BGA-Top-299 ZIF (a) (\*1) or BGA-Bottom-165 + BGA-Top-299 ZIF  
(2695) BGA-0713/0369A = BGA-Bottom-76 + BGA-Top-31a ZIF or BGA-0713/2586 = BGA-Bottom-76 + BGA-Top-197 ZIF-CS or BGA-0713/0369 = BGA-Bottom-76 + BGA-Top-31 ZIF  
(2696) DIL48/QFP48 ZIF NUC-3  
(2697) DIL48/QFP64 ZIF LPC-4  
(2698) DIL48/QFN32 ZIF LPC-2  
(2699) DIL48/QFN32 ZIF NUC-3  
(2700) DIL48/QFN32 ZIF NUC-4  
(2701) DIL48/QFN40 ZIF MAX-1  
(2702) DIL48/QFN48 ZIF MAX-1  
(2703) DIL40/LQFP64 ZIF M38-3  
(2704) DIL48/QFP100-1 ZIF R5F-2  
(2705) DIL48/QFP80 ZIF R5F-1  
(2706) DIL48/QFP64 ZIF HD64-5  
(2707) DIL48/QFP144-1 ZIF R5F-2  
(2708) BGA-2638/1079A = BGA-Bottom-231 + BGA-Top-208 ZIF (a) or BGA-2638/1079 = BGA-Bottom-231 + BGA-Top-208 ZIF  
(2709) BGA-2638/1182 = BGA-Bottom-231 + BGA-Top-223 ZIF  
(2710) DIL48/QFP100 ZIF MB96-3  
(2711) DIL48/QFP144 ZIF MB96-2  
(2712) DIL48/QFP80 ZIF MSP430-5  
(2714) DIL48/QFP64 ZIF XMEGA-2  
(2715) DIL48/QFP100 ZIF XMEGA-2  
(2716) DIL48/QFP64 ZIF HC12-1  
(2717) DIL48/WQFN24 ZIF R5F-1  
(2718) DIL48/WQFN32 ZIF R5F-1  
(2721) DIL48/QFN40 ZIF GP541-1a  
(2722) DIL48/QFN56 ZIF GP541-1a  
(2723) BGA-2671/2672 = BGA-Bottom-272 + BGA-Top-286 ZIF  
(2724) DIL48/TQFP80 ZIF HD64-4  
(2725) DIL48/QFP80 ZIF HD64-11  
(2726) BGA-2678/2679 = BGA-Bottom-271 + LGA-Top-247 ZIF-CS  
(2729) DIL48/QFP80 ZIF FM3-1  
(2730) BGA-1350/1348 = BGA-Bottom-208 + BGA-Top-237 ZIF  
(2731) DIL48/QFN40 ZIF EPF-1  
(2732) DIL48/SSOP30 ZIF GPM-1  
(2733) DIL48/LQFP64 ZIF LM4F-1  
(2734) DIL48/LQFP100 ZIF LM4F-1  
(2735) DIL48/LQFP144 ZIF LM4F-1  
(2736) DIL48/QFP64-1 ZIF 68HC-1  
(2737) DIL48/QFP80-1 ZIF MC-1  
(2739) BGA-Bottom-165 + BGA-Top-284 ZIF (a) (\*1) or BGA-Bottom-327 + BGA-Top-284 ZIF (a) (\*1) or BGA-Bottom-165 + BGA-Top-284 ZIF  
(2740) DIL48/QFP80-1 ZIF TMS320-2  
(2741) DIL48/LQFP32 ZIF R5F-1  
(2742) DIL48/LQFP80-1 ZIF NEC-2  
(2743) DIL48/QFP80-2 ZIF NEC-2  
(2744) DIL48/QFP80 ZIF SAMS-1  
(2746) DIL48/QFPN48-1 ZIF STM8-2  
(2747) DIL48/QFN42 ZIF-CS SI-2  
(2748) DIL48/QFN32 ZIF-CS EM-3  
(2749) DIL48/QFN48 ZIF CC430  
(2750) DIL48/QFP128 ZIF PLD-5  
(2751) BGA-2683/0999 = BGA-Bottom-255 + BGA-Top-148 ZIF  
(2752) BGA-2688/0957 = BGA-Bottom-241 + BGA-Top-160 ZIF-CS  
(2753) BGA-2362/2704 = BGA-Bottom-257 + BGA-Top-291 ZIF  
(2755) DIL48/QFP100 ZIF MB90F-9  
(2756) DIL48/QFP64 ZIF SM-1  
(2757) BGA-1423/2691 = BGA-Bottom-218 + BGA-Top-171 ZIF-CS  
(2758) DIL48/TQFP48 ZIF AVR32-1  
(2759) DIL48/QFN48 ZIF AVR32-1  
(2760) DIL48/QFN48 ZIF-CS AVR32-2  
(2761) DIL48/QFP176 ZIF NEC-1  
(2762) DIL48/QFN64 ZIF CC430  
(2764) DIL48/LQFP64-1 ZIF R5F-2  
(2765) DIL48/QFPN28-1 ZIF-CS STM8-2  
(2766) DIL48/QFP48 ZIF WT-3  
(2767) DIL48/QFN40 ZIF WT-1  
(2768) DIL48/QFN32 ZIF WT-2  
(2769) DIL48/QFP48 ZIF WT-4  
(2770) DIL48/QFP64-1 ZIF WT-2  
(2771) DIL48/QFP64-2 ZIF WT-2  
(2772) BGA-2712/2713 = BGA-Bottom-274 + BGA-Top-292 ZIF  
(2773) DIL48/SSOP24 ZIF EPF-1  
(2774) DIL48/QFP48 ZIF EPF-1 or DIL48/QFP48 ZIF-CS EPF-1  
(2775) DIL48/QFP64 ZIF EPF-1  
(2776) DIL48/QFP64 ZIF EPF-2  
(2777) DIL48/QFP64 ZIF EPF-3  
(2778) DIL48/QFP128 ZIF EPF-1  
(2779) DIL48/QFN64 ZIF UCD-1  
(2780) DIL48/LQFP64 ZIF NEC-8  
(2786) DIL48/QFP100 ZIF PLD-14

(2787) DIL48/QFP256 ZIF HD64F-3  
 (2788) DIL48/LQFP100 ZIF TMP92-1  
 (2789) DIL48/QFP120 ZIF HD64F-2  
 (2790) DIL48/QFP80 ZIF MN101-3  
 (2791) DIL48/QFP64-1.02 ZIF PIC-7 or DIL48/TQFP64 ZIF PIC-5  
 (2792) DIL48/TQFP100-1 ZIF PIC-3  
 (2793) DIL48/TQFP100-2 ZIF PIC-2  
 (2794) DIL48/LQFP144 ZIF PIC-1  
 (2795) DIL48/TQFP144 ZIF PIC-1  
 (2796) DIL48/TSOP48 ZIF 12.4mm FRAM1  
 (2797) DIL48/QFP80 ZIF MSP430-6  
 (2798) DIL48/QFP100 ZIF MSP430-5  
 (2799) DIL48/QFN64 ZIF MSP430-3  
 (2800) DIL48/QFN48 ZIF MSP430-2  
 (2801) DIL48/QFN24 ZIF nRF-2  
 (2802) DIL48/QFN32 ZIF CC-2  
 (2803) DIL48/QFP144 ZIF K60-1  
 (2804) DIL32/LQFP32 ZIF HC908-1  
 (2805) DIL48/LQFP176 ZIF xPC5x-a or DIL48/LQFP176 ZIF xPC5x  
 (2806) DIL48/QFP64 ZIF TMP-4 or DIL48/QFP64 ZIF-CS TMP-4  
 (2809) DIL48/QFN48 ZIF UCD-1  
 (2810) DIL48/QFP80 ZIF UCD-1  
 (2811) DIL48/SSOP30 ZIF R5F-1  
 (2812) BGA-2738/2736 = LGA-Bottom-276 + LGA-Top-281 ZIF-CS  
 (2813) DIL48/QFP64-1 ZIF M38-1  
 (2814) DIL48/QFP80 ZIF SiM-1  
 (2815) DIL48/QFN24 ZIF MAX-1  
 (2816) DIL48/QFN28 ZIF nRF-1  
 (2817) BGA-Bottom-165 + BGA-Top-293 ZIF (a) (\*1) or BGA-Bottom-327 + BGA-Top-293 ZIF (a) (\*1) or BGA-Bottom-165 + BGA-Top-293 ZIF  
 (2818) DIL48/QFN48 ZIF MSP430-3  
 (2819) DIL48/QFN40 ZIF MSP430-1  
 (2820) DIL48/TSSOP38 ZIF MSP430-1  
 (2822) DIL48/QFP144 ZIF NEC-3  
 (2823) DIL48/SSOP20 ZIF R5F-1  
 (2824) DIL48/SSOP20 ZIF R5F-2  
 (2825) BM11601; Toshiba  
 (2826) DIL48/QFN64 ZIF XMEGA-2  
 (2827) DIL48/QFP100 ZIF STM32-4 or DIL48/QFP100 ZIF STM32-3  
 (2829) DIL48/TSOP48 ZIF 15.4mm NAND  
 (2831) DIL48/LQFP176 ZIF MPC55xx-a or DIL48/LQFP176 ZIF MPC55xx  
 (2832) BGA-2767/1032 = BGA-Bottom-212 + BGA-Top-161 ZIF-CS  
 (2834) DIL48/QFP80 ZIF C8051-1  
 (2835) DIL48/QFN76 ZIF-CS C8051-1  
 (2836) DIL48/QFP100 ZIF CY-3  
 (2837) DIL48/QFN32 ZIF nRF-2  
 (2838) DIL48/DIL28 ZIF LPC-2  
 (2839) DIL48/SOIC20 ZIF LPC-1  
 (2840) DIL48/TSSOP20 ZIF LPC-1  
 (2841) DIL48/TSSOP28 ZIF LPC-1  
 (2843) BGA-0245/2780 = BGA-Bottom-1 + BGA-Top-294 ZIF  
 (2844) DIL48/QFN40 ZIF UCD-2  
 (2845) DIL48/TSSOP20-1 ZIF PCF-1  
 (2846) DIL48/QFP100-1 ZIF R5F-3  
 (2847) DIL48/QFP32 ZIF STM32  
 (2848) DIL48/QFN32 ZIF STM32-2 or DIL48/QFN32 ZIF STM32  
 (2849) BGA-2791/0286 = BGA-Bottom-279 + BGA-Top-20 ZIF  
 (2850) BGA-2791/0285 = BGA-Bottom-279 + BGA-Top-19 ZIF  
 (2851) BGA-2790/2713 = BGA-Bottom-278 + BGA-Top-292 ZIF  
 (2852) DIL48/QFP100 ZIF NEC-13  
 (2853) DIL48/QFP64 ZIF MAX-1  
 (2854) DIL48/QFN48 ZIF ADuC-1  
 (2855) DIL48/QFN48 ZIF CC-2  
 (2856) DIL48/LQFP64-1 ZIF R5F-3 or DIL48/LQFP64-1 ZIF-CS R5F-3  
 (2857) DIL48/LQFP64-2 ZIF R5F-3  
 (2858) DIL48/LQFP64-3 ZIF R5F-3  
 (2859) DIL48/SOIC20-1 ZIF ADAM-1  
 (2860) DIL48/SOIC16 ZIF ADAM-1  
 (2861) DIL48/LQFP80-1 ZIF R5F-2  
 (2862) DIL48/LQFP80-2 ZIF R5F-2  
 (2863) BGA-2818/2819 = LGA-Bottom-283 + LGA-Top-282 ZIF-CS  
 (2864) DIL48/QFP176 ZIF NEC-2  
 (2865) DIL48/QFP100 ZIF ABOV-1 or DIL48/QFP100 ZIF-CS ABOV-1  
 (2866) DIL48/QFP64 ZIF ABOV-1 or DIL48/QFP64 ZIF-CS ABOV-1  
 (2867) BGA-2817/2816 = BGA-Bottom-282 + BGA-Top-301 ZIF-CS  
 (2868) BGA-2347/2812 = BGA-Bottom-248 + BGA-Top-300 ZIF-CS  
 (2869) BGA-2871/3801 = BGA-Bottom-288 + BGA-Top-387 ZIF-CS or BGA-2871/2838 = BGA-Bottom-288 + BGA-Top-303 ZIF or BGA-2871/3215 = BGA-Bottom-288 + BGA-Top-347 ZIF-CS or BGA-2871/2289 = BGA-Bottom-288 + BGA-Top-251 ZIF-CS or BGA-2288/3801 = BGA-Bottom-246 + BGA-Top-387 ZIF-CS or BGA-2288/2838 = BGA-Bottom-246 + BGA-Top-303 ZIF or BGA-2288/3215 = BGA-Bottom-246 + BGA-Top-347 ZIF-CS or BGA-2288/2289 = BGA-Bottom-246 + BGA-Top-251 ZIF-CS  
 (2870) BGA-2317/4969 = BGA-Bottom-222 + BGA-Top-448 ZIF-CS or BGA-2317/2318 = BGA-Bottom-222 + BGA-Top-246 ZIF-CS  
 (2872) DIL48/QFN32 ZIF PLD-22  
 (2874) DIL48/LQFP80-1 ZIF NEC-3  
 (2875) DIL48/LQFP80-2 ZIF NEC-3  
 (2877) BGA-2824/2672 = BGA-Bottom-285 + BGA-Top-286 ZIF  
 (2878) DIL48/LQFP100 ZIF KL2  
 (2879) DIL48/QFP112 ZIF HCS12-5  
 (2880) DIL48/LQFP144 ZIF xPC5x-1a or DIL48/LQFP144 ZIF xPC5x-1  
 (2881) DIL48/QFP48-1 ZIF TMS320-1  
 (2882) DIL48/QFN40 ZIF CHIL-3  
 (2883) DIL48/QFN48 ZIF CHIL-3  
 (2884) BGA-2794/4126 = BGA-Bottom-229 + BGA-Top-410 ZIF or BGA-2794/0944 = BGA-Bottom-229 + BGA-Top-176 ZIF-CS  
 (2885) DIL48/QFP112 ZIF-CS HD64-2  
 (2886) DIL48/SDIP32 ZIF MB-4  
 (2887) DIL48/QFP80 ZIF-CS MB90F-1  
 (2888) DIL48/QFP100-1 ZIF R5F-5 or DIL48/QFP100-1 ZIF-CS R5F-5  
 (2889) DIL48/QFP100-2 ZIF R5F-5  
 (2890) DIL48/LQFP128 ZIF R5F-1  
 (2891) DIL48/LQFP80-1 ZIF NEC-4  
 (2892) DIL48/LQFP80-2 ZIF NEC-4  
 (2896) BGA-2857/2853 = BGA-Bottom-286 + BGA-Top-305 ZIF-CS  
 (2897) BGA-1165/2851 = BGA-Bottom-199 + BGA-Top-304 ZIF-CS  
 (2898) BGA-2858/3801 = BGA-Bottom-287 + BGA-Top-387 ZIF-CS or BGA-2858/2838 = BGA-Bottom-287 + BGA-Top-303 ZIF or BGA-3805/3801 = BGA-Bottom-386 + BGA-Top-387 ZIF-CS or BGA-3805/2838 = BGA-Bottom-386 + BGA-Top-303 ZIF or BGA-2858/3215 = BGA-Bottom-287 + BGA-Top-347 ZIF-CS or BGA-3805/3215 = BGA-Bottom-386 + BGA-Top-347 ZIF-CS  
 (2899) BGA-2870/2869 = BGA-Bottom-289 + BGA-Top-307 ZIF-CS  
 (2900) BGA-2871/3801 = BGA-Bottom-288 + BGA-Top-387 ZIF-CS or BGA-2871/2838 = BGA-Bottom-288 + BGA-Top-303 ZIF or BGA-2871/3215 = BGA-Bottom-288 + BGA-Top-347 ZIF-CS or BGA-2871/2289 = BGA-Bottom-288 + BGA-Top-251 ZIF-CS  
 (2901) DIL48/LQFP64 ZIF KL2  
 (2902) DIL48/LQFP80 ZIF KL2  
 (2903) DIL8/BGA8-2 ZIF-CS  
 (2904) DIL8/BGA8-3 ZIF-CS  
 (2905) DIL40/TQFP80 ZIF PIC-3  
 (2906) DIL48/TQFP32 ZIF XMEGA-1  
 (2907) DIL8/BGA8-1 ZIF-CS SFlash-1  
 (2908) DIL48/QFP48 ZIF STM32-2  
 (2909) DIL48/QFP100 ZIF STM32-4  
 (2911) DIL48/QFP100 ZIF H8SX-1  
 (2912) DIL48/QFP100-1 ZIF R5F-4  
 (2913) DIL48/QFP100 ZIF MSP430-6  
 (2914) DIL48/QFP128 ZIF MSP430-1  
 (2915) DIL48/SOIC8 ZIF ADAM-1  
 (2916) DIL48/TSSOP20 ZIF ADAM-1  
 (2917) DIL48/SOIC20-2 ZIF ADAM-1  
 (2918) DIL48/TSSOP16 ZIF ADAM-1  
 (2919) DIL48/QFN32 ZIF Kinetis-1  
 (2920) DIL48/QFN48 ZIF Kinetis-1  
 (2921) DIL48/LQFP48 ZIF Kinetis-1  
 (2922) DIL32/LQFP32 ZIF MC9S-1  
 (2923) BGA-2877/2878 = BGA-Bottom-290 + BGA-Top-308 ZIF-CS

(2924) DIL48/QFN48 ZIF nRF-3  
(2926) DIL48/QFP44 ZIF-CS PCA7430  
(2927) DIL28/LQFP64 ZIF TMP87-1  
(2928) DIL48/QFP64 ZIF MB96-4  
(2929) DIL48/SSOP54 ZIF MR-1 3D-Plus  
(2930) DIL48/SSOP44 ZIF MR-1 3D-Plus  
(2931) BGA-1423/2867 = BGA-Bottom-218 + BGA-Top-306 ZIF  
(2932) BGA-2904/2903 = BGA-Bottom-292 + BGA-Top-202 ZIF  
(2933) DIL48/LQFP44 ZIF TMPM374-1  
(2934) BGA-2362/2905 = BGA-Bottom-257 + BGA-Top-309 ZIF-CS  
(2935) DIL48/QFP64 ZIF MB96-5  
(2936) DIL48/QFP48 ZIF MB96-1  
(2937) DIL48/QFP64 ZIF-CS FM3-2 or DIL48/QFP64 ZIF FM3-2  
(2938) DIL40/SOIC16 ZIF MB95-2  
(2939) DIL16/TSSOP16 ZIF MB95-2  
(2940) DIL48/QFP44 ZIF CY-1  
(2941) DIL48/QFN40 ZIF CY-1  
(2942) DIL48/SSOP28 ZIF CY-1  
(2943) BGA-2877/2913 = BGA-Bottom-290 + LGA-Top-310 ZIF-CS  
(2945) DIL48/LQFP100 ZIF HCS12-3  
(2946) DIL48/QFP208 ZIF xPC5x-1a or DIL48/QFP208 ZIF xPC5x-1  
(2947) BGA-2898/0887 = BGA-Bottom-291 + BGA-Top-155 ZIF  
(2948) BGA-2923/1079A = BGA-Bottom-294 + BGA-Top-208 ZIF (a) or BGA-2923/1079 = BGA-Bottom-294 + BGA-Top-208 ZIF  
(2949) DIL48/QFN64 ZIF LT-1  
(2950) DIL48/QFP100 ZIF ARM-4  
(2951) DIL40/QFP64-3 ZIF NEC-1 or DIL40/QFP64-3b ZIF-CS NEC-1  
(2952) DIL48/QFN48-3 ZIF  
(2953) DIL48/SSOP54 ZIF FR-1 3D-Plus  
(2954) DIL48/BGA12 ZIF-CS AVR-1  
(2955) BGA-2927/2926 = BGA-Bottom-296 + BGA-Top-295 ZIF-CS  
(2956) DIL48/LQFP52 ZIF MB95-3  
(2957) DIL48/TSSOP24 ZIF MB95-1  
(2958) DIL48/SOIC24 ZIF MB95-1  
(2959) DIL48/QFN32 ZIF MB95-5  
(2960) DIL48/TSSOP24 ZIF MB95-2  
(2961) DIL48/SOIC24 ZIF MB95-2  
(2962) DIL48/QFP48 ZIF MB95-4  
(2963) DIL48/QFP48 ZIF FM3-1  
(2964) DIL48/QFP64 ZIF MC9S-3  
(2965) DIL32/SSOP32 ZIF 200mil  
(2966) DIL48/QFP64 ZIF HD64-6  
(2967) DIL10/QFN10-2 ZIF-CS  
(2968) DIL48/TQFP64 ZIF AVR32-3  
(2969) DIL16/SOIC16 ZIF SW-1  
(2970) DIL48/QFN48-1 ZIF-CS PX8-3  
(2971) DIL48/QFN48-2 ZIF PX-4  
(2973) DIL48/TSOP58 ZIF NAND module 3D Plus  
(2974) DIL48/QFN28 ZIF-CS STM32-3 or DIL48/QFN28 ZIF-CS STM32-2 or DIL48/QFN28 ZIF-CS STM32  
(2975) BGA-2552/0957 = BGA-Bottom-261 + BGA-Top-160 ZIF-CS  
(2976) DIL48/BGA100 ZIF ARM-1  
(2977) DIL48/QFN56-1 ZIF TMS320-1  
(2978) DIL48/QFN40 ZIF-CS SiM-1  
(2979) DIL48/QFN40 ZIF-CS SiM-2  
(2980) DIL48/QFP80 ZIF SiM-2  
(2981) DIL48/TSSOP20 ZIF STM32-2 or DIL48/TSSOP20 ZIF STM32  
(2982) BGA-3003/1079A = BGA-Bottom-308 + BGA-Top-208 ZIF (a) or BGA-3003/1079 = BGA-Bottom-308 + BGA-Top-208 ZIF  
(2983) DIL48/TQFP100-1 ZIF PIC-4  
(2984) DIL48/TQFP100-2 ZIF PIC-4  
(2985) DIL48/QFP100 ZIF ARM-5  
(2986) DIL48/QFP144 ZIF ARM-2  
(2987) DIL48/QFP100 ZIF FM3-2  
(2988) DIL48/QFN20-5 ZIF-CS  
(2989) DIL48/QFN40-1 ZIF PX-1  
(2990) DIL48/LQFP144 ZIF xPC5x-4  
(2991) DIL48/LQFP48 ZIF ADuC7-1  
(2993) DIL48/LQFP176 ZIF TriCore-2  
(2994) DIL8w/SOIC8 ZIF 150mil CY nvSRAM-1  
(2995) DIL8/QFN8-4 ZIF or DIL8/QFN8-4 ZIF-CS  
(2997) DIL48/QFN44 ZIF-CS XRP-1  
(2998) DIL48/QFP64 ZIF ARM-3  
(3000) DIL48/TSSOP20-1 ZIF STM8-3  
(3001) DIL48/QFN48 ZIF ADuC7-1  
(3002) DIL48/QFN32 ZIF ADuC7-1  
(3003) DIL48/QFP64 ZIF ARM-4  
(3005) DIL48/QFP32 ZIF ARM-1  
(3006) DIL48/QFN64 ZIF ARM-4  
(3007) DIL48/QFN48 ZIF ARM-2  
(3008) DIL48/QFN32 ZIF ARM-1  
(3009) DIL48/QFP144 ZIF NEC-4  
(3010) BGA-2922/0887 = BGA-Bottom-293 + BGA-Top-155 ZIF  
(3011) DIL48/QFN64 ZIF ARM-3  
(3012) DIL48/QFP100 ZIF MB96-4  
(3013) DIL48/QFN64 ZIF AVR32-3  
(3014) DIL48/QFP64 ZIF HD40-1  
(3015) DIL48/QFP80-1 ZIF-CS NEC-6  
(3016) DIL48/QFN64 ZIF SiM-1  
(3017) DIL48/QFN64 ZIF SiM-2  
(3018) DIL48/QFP64 ZIF SiM-1  
(3019) DIL48/QFP64 ZIF SiM-2  
(3022) DIL48/BGA137-1 ZIF NAND-1 (\*) or BGA-1024/0640 = BGA-Bottom-166 + BGA-Top-118 ZIF-CS  
(3023) DIL48/QFP120 ZIF MB96-1  
(3024) DIL10/SSOP10 ZIF TP-1  
(3025) BGA-3026/1334 = BGA-Bottom-312 + BGA-Top-235 ZIF-CS  
(3026) BGA-3026/3037 = BGA-Bottom-312 + BGA-Top-327 ZIF-CS  
(3031) DIL48/BGA144 ZIF ARM-1  
(3032) DIL24/QFN24-1 ZIF (id) or DIL24/QFN24-1 ZIF-CS (id)  
(3033) DIL48/QFP100-1 ZIF R5F-7 or DIL48/QFP100-1 ZIF-CS R5F-7  
(3035) DIL48/QFP64 ZIF MB96-6  
(3038) DIL48/QFP100 ZIF XC-2  
(3039) DIL48/LQFP52 ZIF FM3-1  
(3040) DIL48/QFP32 ZIF MB95-3  
(3041) DIL48/QFP80 ZIF MB96-2  
(3042) DIL48/LQFP144 ZIF H8SX-2  
(3043) DIL48/QFP120 ZIF H8S-1  
(3044) DIL48/QFN48 ZIF STM32-2  
(3045) DIL48/QFP64 ZIF STM32-3  
(3046) BGA-3055/3056 = BGA-Bottom-318 + BGA-Top-329 ZIF-CS  
(3047) DIL48/BGA137-1 ZIF NAND-1 (\*) or BGA-0641/0640 = BGA-Bottom-60 + BGA-Top-118 ZIF-CS  
(3048) BGA-3038/3039 = BGA-Bottom-314 + BGA-Top-136 ZIF-CS  
(3049) DIL48/QFN48 ZIF FM3-1  
(3050) DIL48/QFN44 ZIF-CS CY-1  
(3051) DIL48/QFN48 ZIF CY-3  
(3053) DIL8/QFN8-5/2 ZIF SFlash-1a (\*) or DIL8/QFN8-5 ZIF-CS SFlash-1a (\*) or DIL8/QFN8-5 ZIF-CS SFlash-1  
(3057) DIL48/LQFP64 ZIF-CS ITE-1  
(3060) DIL48/QFP128 ZIF NEC-1  
(3061) DIL48/QFP64 ZIF NEC-6  
(3062) DIL48/QFP32 ZIF NEC-1  
(3064) DIL48/QFP44-2 ZIF SAMS-1  
(3065) DIL48/QFP80 ZIF NEC-7  
(3067) DIL48/QFN28 ZIF PM6-1  
(3068) DIL48/QFN20 ZIF-CS AU0-1  
(3069) DIL48/QFN28 ZIF-CS AU0-1  
(3070) DIL48/QFN40 ZIF PM6-1  
(3071) DIL8w/SOIC8 ZIF 150mil TP-3  
(3072) DIL48/QFN48 ZIF SD35-1  
(3073) DIL48/DRQFN64 ZIF-CS AVR-1  
(3074) DIL48/QFP100 ZIF MSP430-4  
(3075) DIL48/TSOP48 ZIF 18.4mm NAND-3

(3076) DIL48/QFP100 ZIF-CS HS3836ESH01H  
(3077) DIL48/QFP48 ZIF R7F-1 or DIL48/QFP48 ZIF-CS R7F-1  
(3079) DIL48/TSOP56 ZIF 18.4mm NOR-4  
(3080) DIL48/TSOP56 ZIF 18.4mm NOR-4 or Bottom TSOP56 NOR-4 + Top TSOP56 ZIF 18.4mm  
(3081) BGA-0245/0991 = BGA-Bottom-1 + BGA-Top-185 ZIF  
(3086) DIL48/QFN32 ZIF Elmos-2  
(3087) DIL8W/SoIC8 ZIF 200mil SFlash-1a (\*1)  
(3088) DIL8W/SoIC8 ZIF 200mil SFlash-1a (\*1) or DIL8W/SoIC8 ZIF 200mil SFlash-1  
(3091) DIL48/QFN64 ZIF XMEGA-1 or DIL48/QFN64 ZIF-CS XMEGA-1  
(3094) DIL8W/SoIC8 ZIF 150mil SFlash-1a (\*1)  
(3095) DIL8W/SoIC8 ZIF 150mil SFlash-1a (\*1) or DIL8W/SoIC8 ZIF 150mil SFlash-1  
(3097) DIL8/QFN8-1 ZIF SFlash-1a (\*1) or DIL8/QFN8-1 ZIF-CS SFlash-1a (\*1) or DIL8/QFN8-1 ZIF-CS SFlash-1  
(3098) DIL8/QFN8-3 ZIF-CS SFlash-1a (\*1)  
(3099) DIL8/QFN8-3 ZIF-CS SFlash-1a (\*1) or DIL8/QFN8-3 ZIF-CS SFlash-1  
(3100) DIL16W/SoIC16 ZIF 300mil SFlash-1a (\*1)  
(3101) DIL16W/SoIC16 ZIF 300mil SFlash-1a (\*1) or DIL16W/SoIC16 ZIF 300mil SFlash-1  
(3102) DIL48/QFP64 ZIF MC9S-4  
(3103) DIL8W/SoIC8 ZIF 200mil SFlash-2a (\*1)  
(3104) DIL8W/SoIC8 ZIF 200mil SFlash-2a (\*1) or DIL8W/SoIC8 ZIF 200mil SFlash-2  
(3107) BGA-3108/1163 = BGA-Bottom-324 + BGA-Top-180 ZIF-CS  
(3108) DIL48/QFP64 ZIF MB95-6  
(3109) DIL48/QFP64 ZIF MB95-7  
(3111) BGA-3099/3098 = BGA-Bottom-311 + BGA-Top-97 ZIF-CS  
(3112) BGA-3115/0850A = BGA-Bottom-328 + BGA-Top-117 ZIF (a) or BGA-3115/0850 = BGA-Bottom-328 + BGA-Top-117 ZIF  
(3113) DIL48/BGA100-1.01 ZIF-CS eMMC-1 (\*1) or DIL48/BGA100-1.01 ZIF eMMC-2 (\*1)  
(3116) DIL48/VQFN32 ZIF XMEGA-1  
(3117) DIL48/UQFN32 ZIF-CS XMEGA-1  
(3118) DIL48/QFP144 ZIF R7F-1  
(3121) DIL48/BGA63-1 ZIF NAND-1  
(3122) DIL8/BGA24-2 ZIF-CS SFlash-1  
(3123) DIL48/QFN40 ZIF MSP430-2  
(3124) DIL48/LQFP32 ZIF Kinetis-1  
(3125) DIL48/FBGA162-1 ZIF-CS NAND-1  
(3126) DIL48/BGA67-1 ZIF-CS NAND-1  
(3127) BGA-3136/1079A = BGA-Bottom-219 + BGA-Top-208 ZIF (a)  
(3128) DIL8/BGA24-1 ZIF-CS SFlash-1  
(3129) DIL48/QFP100 ZIF TMS320-2  
(3130) DIL48/TSSOP38-1 ZIF STM8-1  
(3131) DIL48/LQFP64 ZIF NEC-2  
(3132) DIL48/QFN24 ZIF PLD-1  
(3133) DIL48/QFN36 ZIF ZL-3  
(3134) DIL48/QFN40 ZIF ISL-1  
(3135) DIL48/QFN40 ZIF CS-1 or DIL48/QFN40 ZIF-CS CS-1  
(3136) DIL48/QFN40 ZIF TPS-2  
(3137) BGA-3125/3124 = BGA-Bottom-329 + BGA-Top-341 ZIF-CS  
(3138) BGA-3137/3138 = BGA-Bottom-313 + BGA-Top-326 ZIF  
(3140) DIL48/QFP44 ZIF MN103-2  
(3144) BGA-3145/2672 = BGA-Bottom-331 + BGA-Top-286 ZIF  
(3145) DIL48/QFP128 ZIF-CS HD64-3 or DIL48/QFP128 ZIF HD64-3  
(3147) BGA-3110/2512A = BGA-Bottom-327 + BGA-Top-271 ZIF-CS (a) (\*1) or BGA-3110/2635A = BGA-Bottom-327 + BGA-Top-284 ZIF (a) (\*1)  
(3148) BGA-3110/2579A = BGA-Bottom-327 + BGA-Top-278 ZIF-CS (a) (\*1) or BGA-3110/2635A = BGA-Bottom-327 + BGA-Top-284 ZIF (a) (\*1)  
(3149) BGA-3110/2554A = BGA-Bottom-327 + BGA-Top-276 ZIF-CS (a) (\*1) or BGA-3110/2635A = BGA-Bottom-327 + BGA-Top-284 ZIF (a) (\*1)  
(3151) DIL48/QFP100-1 ZIF R5F-9  
(3153) DIL48/QFP64 ZIF XMEGA-3  
(3154) BGA-3148/0970 = BGA-Bottom-141 + BGA-Top-103 ZIF-CS  
(3155) BGA-3149/1348 = BGA-Bottom-333 + BGA-Top-237 ZIF  
(3156) DIL48/QFP176 ZIF FM3-1  
(3157) DIL48/QFP144 ZIF FM3-1  
(3158) DIL48/QFP48 ZIF NUC-4  
(3160) DIL48/TSOP56 ZIF 18.4mm NOR-11  
(3161) DIL48/TSOP56 ZIF 18.4mm NOR-11 or Bottom TSOP56 NOR-11 + Top TSOP56 ZIF 18.4mm  
(3162) DIL48/LQFP100 ZIF Kinetis-1  
(3163) DIL48/LQFP64 ZIF xPC5x-1  
(3164) BGA-3055/3181 = BGA-Bottom-318 + BGA-Top-343 ZIF-CS  
(3165) BGA-1166/3182 = BGA-Bottom-198 + BGA-Top-344 ZIF-CS  
(3167) DIL8/QFN8-1 ZIF-CS SFlash-1a (\*1) or DIL8/QFN8-1 ZIF-CS SFlash-1 or DIL32/S0N8 ZIF-CS 5x6mm  
(3168) DIL48/LGA92 ZIF-CS SiM-1  
(3169) DIL48/QFP64 ZIF FM3-3  
(3172) BGA-3180/2672 = BGA-Bottom-337 + BGA-Top-286 ZIF or BGA-3200/0682 = BGA-Bottom-338 + BGA-Top-92 ZIF  
(3174) DIL48/QFP100 ZIF H8-2  
(3176) BGA-Bottom-165 + BGA-Top-271 ZIF-CS (a) (\*1) or BGA-Bottom-165 + BGA-Top-284 ZIF (a) (\*1) or BGA-Bottom-327 + BGA-Top-271 ZIF-CS (a) (\*1) or BGA-Bottom-327 + BGA-Top-284 ZIF (a) (\*1)  
(3178) BGA-Bottom-165 + BGA-Top-278 ZIF-CS (a) (\*1) or BGA-Bottom-165 + BGA-Top-284 ZIF (a) (\*1) or BGA-Bottom-327 + BGA-Top-278 ZIF-CS (a) (\*1) or BGA-Bottom-327 + BGA-Top-284 ZIF (a) (\*1)  
(3179) BGA-Bottom-165 + BGA-Top-299 ZIF (a) (\*1)  
(3180) BGA-Bottom-165 + BGA-Top-193 ZIF-CS (a) (\*1) or BGA-Bottom-165 + BGA-Top-299 ZIF (a) (\*1)  
(3181) DIL48/WQFN64 ZIF R5F-1  
(3182) DIL48/QFP144 ZIF NEC-5  
(3183) DIL48/QFN40 ZIF RT-1  
(3184) DIL48/TQFP100 ZIF PLD-18  
(3185) DIL48/QFP128 ZIF TM4C-1  
(3186) DIL48/DRQFN64 ZIF-CS XMEGA-1  
(3187) BGA-3100/1379 = BGA-Bottom-320 + BGA-Top-232 ZIF-CS  
(3188) DIL48/LQFP100 ZIF Kinetis-2  
(3189) DIL48/TSOP56 ZIF 18.4mm NOR-16  
(3200) DIL48/LQFP100 ZIF SAMG-1  
(3204) BGA-3222/3221 = BGA-Bottom-342 + BGA-Top-348 ZIF-CS  
(3205) BGA-3211/3801 = BGA-Bottom-295 + BGA-Top-387 ZIF-CS or BGA-3211/2838 = BGA-Bottom-295 + BGA-Top-303 ZIF or BGA-3211/3215 = BGA-Bottom-295 + BGA-Top-347 ZIF-CS  
(3207) BGA-3216/3220 = BGA-Bottom-316 + BGA-Top-328 ZIF-CS  
(3208) DIL48/LQFP44 ZIF Kinetis-1  
(3209) BGA-3236/1163 = BGA-Bottom-345 + BGA-Top-180 ZIF-CS  
(3210) BGA-3224/3098 = BGA-Bottom-343 + BGA-Top-97 ZIF-CS  
(3211) DIL48/QFP100 ZIF LPC-6  
(3212) DIL48/LQFP64 ZIF Kinetis-1  
(3213) DIL48/QFP64 ZIF Kinetis-1  
(3214) DIL48/BGA137-1 ZIF NAND-1  
(3215) DIL48/QFP80 ZIF FM3-2  
(3216) DIL48/WQFN48 ZIF R5F-2  
(3217) DIL48/SSOP10 ZIF R5F-1  
(3218) DIL48/SSOP20-2 ZIF R5F-3  
(3222) DIL48/LQFP80 ZIF RX-1  
(3223) DIL48/QFN24 ZIF CY-1  
(3224) DIL48/QFN16 ZIF CY-1  
(3225) DIL48/SoIC16 ZIF CY-1  
(3226) DIL48/SoIC8 ZIF CY-2  
(3228) DIL48/QFN32 ZIF MSP430-1  
(3230) DIL48/TSSOP28 ZIF MSP430-1  
(3232) DIL48/w25Q32FV (Custom 1)  
(3233) DIL8/QFN8-11 ZIF SFlash-1  
(3235) DIL20/QFN20-1 ZIF  
(3236) BGA-2932/1028 = BGA-Bottom-298 + BGA-Top-181 ZIF-CS  
(3240) BGA-3099/3208 = BGA-Bottom-311 + BGA-Top-346 ZIF-CS  
(3241) DIL48/QFP44 ZIF MB95-1  
(3242) DIL48/WLCSP143-1 ZIF-CS STM32-1  
(3243) DIL48/WLCSP104-1 ZIF-CS STM32-1  
(3244) DIL48/QFP120 ZIF H8S-2  
(3247) DIL48/QFN56 ZIF-CS CY-1  
(3248) DIL48/QFN32 ZIF NUC-5  
(3249) DIL48/LQFP64-2 ZIF R5F-4  
(3252) BGA-3288/3289 = BGA-Bottom-266 + BGA-Top-350 ZIF-CS  
(3253) DIL48/QFP176 ZIF NEC-3  
(3254) BGA-3266A/0955 = BGA-Bottom-347a + BGA-Top-119 ZIF or BGA-3266/0955 = BGA-Bottom-347 + BGA-Top-119 ZIF  
(3256) BGA-3110/3300 = BGA-Bottom-327 + BGA-Top-340 ZIF (\*1)  
(3257) BGA-Bottom-165 + BGA-Top-340 ZIF (\*1) or BGA-Bottom-327 + BGA-Top-340 ZIF (\*1)  
(3258) DIL48/BGA168-1 ZIF NAND-1  
(3261) DIL48/QFN20-2 ZIF Elmos-01  
(3262) DIL48/LQFP64 ZIF QZROM-1

(3270) DIL48/QFN40 ZIF ADuC-1  
(3271) DIL48/QFN40 ZIF ADuC-2  
(3272) DIL48/QFN40 ZIF ADuC-3  
(3273) DIL48/QFN40-1.02 ZIF ADuC-4  
(3275) DIL48/QFN48 ZIF ADuC-2  
(3276) DIL48/QFN64 ZIF ADuC-1  
(3277) DIL48/QFN64 ZIF ADuC-2  
(3278) DIL48/QFN64 ZIF ADuC-3  
(3279) DIL48/LQFP80 ZIF ADuC-1  
(3280) DIL48/LQFP80 ZIF ADuC-2  
(3281) DIL48/LQFP80 ZIF ADuC-3  
(3282) DIL48/LQFP64 ZIF ADuC-1  
(3283) DIL48/QFP128 ZIF S3F-1  
(3284) BGA-3320/3321 = BGA-Bottom-351 + BGA-Top-352 ZIF-CS  
(3285) DIL48/WQFN32 ZIF R5F-2  
(3287) DIL48/QFN16 ZIF Kinetis-1  
(3288) DIL48/QFN28 ZIF-CS STM32-3 or DIL48/QFN28 ZIF-CS STM32-2  
(3289) BGA-3183/3184 = BGA-Bottom-335 + BGA-Top-345 ZIF-CS  
(3294) BGA-3110/2635A = BGA-Bottom-327 + BGA-Top-284 ZIF (a) (\*1)  
(3296) DIL48/QFN48 ZIF TLE-1  
(3297) BGA-3110/2480A = BGA-Bottom-327 + BGA-Top-266 ZIF-CS (a) (\*1) or BGA-3110/2737A = BGA-Bottom-327 + BGA-Top-293 ZIF (a) (\*1)  
(3302) DIL48/BGA80-1.1 ZIF NOR-1  
(3303) BGA-3340/0970 = BGA-Bottom-133 + BGA-Top-103 ZIF-CS  
(3306) DIL48/QFN24 ZIF Kinetis-1  
(3307) DIL48/QFP208 ZIF STM32  
(3308) BGA-4551/2942 = BGA-Bottom-453 + BGA-Top-314 ZIF-CS or BGA-2941/2942 = BGA-Bottom-300 + BGA-Top-314 ZIF-CS  
(3309) DIL48/BGA130-1 ZIF NAND-1  
(3310) DIL48/BGA100-1.01 ZIF eMMC-2 (\*1)  
(3311) DIL48/TSSOP20 ZIF 170mil NUC-1  
(3313) DIL48/TQFP144 ZIF PIC-2  
(3314) DIL48/LQFP64-2 ZIF R5F-5  
(3315) DIL48/LQFP64 ZIF-CS R5F-3  
(3316) DIL48/LQFP64 ZIF TMP-4  
(3317) DIL48/QFP144 ZIF LPC-3  
(3319) DIL8/CE38 QSFP  
(3320) DIL48/QFP100 ZIF LPC-8  
(3321) DIL48/LQFP64 ZIF-CS MN101-1  
(3322) DIL48/TQFP64 ZIF MN101-1 or DIL48/TQFP64 ZIF-CS MN101-1  
(3323) DIL48/QFP64 ZIF TMPM372-1  
(3324) DIL48/QFP48 ZIF TMPM373-1  
(3325) DIL48/TQFP100-2 ZIF PIC-5  
(3326) DIL48/QFP64 ZIF NEC-7  
(3327) DIL48/BGA100 ZIF ARM-2  
(3328) DIL48/LQFP100 ZIF MN101-1  
(3331) DIL48/LQFP64 ZIF MN101-2  
(3332) DIL48/QFP100 ZIF FM3-3  
(3333) DIL48/LQFP48 ZIF Kinetis-2  
(3335) DIL48/TSSOP20 ZIF 170mil NUC-2  
(3336) DIL6/TSOC6-1 ZIF-CS  
(3337) DIL48/QFN32 ZIF Z8F-1  
(3338) DIL48/QFP44 ZIF Z8F-1  
(3339) DIL48/QFN40 ZIF TPS53-1 or DIL48/QFN40 ZIF TPS53-1a  
(3340) DIL48/QFP100 ZIF ARM-6  
(3341) DIL48/QFP144 ZIF ARM-3  
(3342) DIL40/SOIC28 ZIF PIC-1 or DIL28w/SOIC28 ZIF 300mil (Note1) or DIL28/SOIC28 ZIF 300mil  
(3343) DIL48/QFN24-1.02 ZIF MSP430-1  
(3344) DIL48/QFN48-1.02 ZIF MSP430-4  
(3345) DIL48/QFN64-1.02 ZIF MSP430-4  
(3346) DIL48/QFN64-1.02 ZIF MSP430-5  
(3347) DIL48/QFP100-1.02 ZIF MSP430-7  
(3348) DIL48/QFP64-1.02 ZIF MSP430-3  
(3349) DIL48/QFP64-1.02 ZIF MSP430-4  
(3350) DIL48/QFP64-1.02 ZIF MSP430-5  
(3351) DIL48/QFP80-1.02 ZIF MSP430-7  
(3352) DIL48/TSSOP28-170 ZIF MSP430-2  
(3353) DIL48/TSSOP38-240 ZIF MSP430-2  
(3354) DIL48/QFN32 ZIF Kinetis-2  
(3355) DIL48/QFP80-1.03 ZIF MN103-2  
(3359) DIL48/PLCC44 ZIF-CS TK68HC-1  
(3360) BGA-3397/3398 = BGA-Bottom-358 + BGA-Top-360 ZIF-CS  
(3361) DIL48/QFP144-1.02 ZIF TMPM369-1  
(3362) DIL48/QFP100-1.02 ZIF TMPM366-1  
(3363) DIL32/SOIC32 ZIF-CS 330mil  
(3365) DIL48/BGA48-2 ZIF NAND-1  
(3366) DIL48/BGA162-2 ZIF NAND-1  
(3367) DIL48/LQFP176 ZIF R5F-1  
(3368) DIL48/TQFP100-1 ZIF PIC-5  
(3369) DIL48/QFN64 ZIF PIC-4  
(3370) DIL48/LQFP144 ZIF PIC-2  
(3371) DIL48/VTLA124 ZIF-CS PIC-1  
(3372) DIL48/TQFP64 ZIF PIC-6  
(3373) DIL40/SSOP28 ZIF PIC-1 or DIL28w/SSOP28 ZIF 200mil (Note1) or DIL34w/SSOP34 ZIF 200mil or DIL34/SSOP34 ZIF 200mil  
(3374) No adapter required (Note1) or DIL40/DIL32 ZIF PIC-1  
(3375) DIL48/TQFP44 ZIF PIC-2 or DIL44/TQFP44-1 ZIF (Note1) or DIL44/TQFP44-1 ZIF-CS (Note1)  
(3378) DIL40/QFN28 ZIF-CS PIC-1 or DIL28/QFN28-2 ZIF-CS (Note1)  
(3381) DIL48/QFN44 ZIF-CS PIC-1 or DIL44/QFN44-2 ZIF-CS (Note1)  
(3382) BGA-2793/0955 = BGA-Bottom-233 + BGA-Top-119 ZIF  
(3383) DIL48/LQFP48 ZIF HC908-1  
(3384) DIL48/PLCC84 ZIF 68HC11-2  
(3385) DIL48/QFP64 ZIF Z8F-3  
(3386) DIL48/QFP80-2 ZIF Z8F-2  
(3387) DIL10/QFN10-1.01 ZIF TP-1  
(3388) DIL48/QFP64 ZIF Z8F-2  
(3389) DIL8/BGA8-6 ZIF-CS SFlash-1 (\*1)  
(3390) DIL16/QFN16-2.1 ZIF  
(3392) DIL48/QFP48-1.02 ZIF ARM-3  
(3393) DIL48/QFP32-1.04 ZIF ARM-2  
(3394) DIL48/QFN64-1.02 ZIF ARM-5  
(3395) DIL48/QFN48-1.02 ZIF ARM-3  
(3396) DIL48/QFN32-1.02 ZIF ARM-2  
(3397) DIL48/QFP100-1.02 ZIF ARM-7  
(3401) DIL48/QFN48-1.02 ZIF ARM-4  
(3403) BGA-3391/1426 = BGA-Bottom-357 + BGA-Top-245 ZIF-CS  
(3404) DIL48/QFP80-1.02 ZIF HD64-8  
(3405) DIL48/QFN32-1.02 ZIF GP1  
(3406) DIL48/QFN40-1.02 ZIF GP2  
(3407) DIL48/QFP128-1.02 ZIF HD64-4  
(3408) DIL48/LQFP64 ZIF xPC5x-2  
(3409) DIL48/QFN48-1.02 ZIF NUC-1  
(3411) DIL48/BGA119-1 ZIF NAND-1  
(3412) BGA-0713/1185 = BGA-Bottom-76 + BGA-Top-225 ZIF  
(3413) BGA-3055/3444 = BGA-Bottom-318 + BGA-Top-366 ZIF-CS  
(3414) BGA-3447/3801 = BGA-Bottom-360 + BGA-Top-387 ZIF-CS or BGA-3447/2838 = BGA-Bottom-360 + BGA-Top-303 ZIF or BGA-3447/3215 = BGA-Bottom-360 + BGA-Top-347 ZIF-CS  
(3415) BGA-3447/3445 = BGA-Bottom-360 + BGA-Top-363 ZIF-CS  
(3416) BGA-3448/3446 = BGA-Bottom-361 + BGA-Top-364 ZIF-CS  
(3417) DIL48/QFP100 ZIF MC56F-1  
(3418) BGA-3055/3454 = BGA-Bottom-318 + BGA-Top-367 ZIF-CS  
(3419) DIL48/QFN32 ZIF STM32-2  
(3420) DIL48/TSSOP20 ZIF STM32-2  
(3421) BGA-3415/0955 = BGA-Bottom-268 + BGA-Top-119 ZIF  
(3426) DIL48/QFN32-1.02 ZIF-CS NCP-1  
(3427) DIL48/QFP100 ZIF LPC-9  
(3429) DIL48/BGA52-1.1 ZIF NOR-1  
(3430) DIL48/VTLA36 ZIF-CS PIC-1  
(3431) DIL48/VTLA44 ZIF-CS PIC-1  
(3432) DIL48/VTLA124 ZIF-CS PIC-2  
(3433) DIL48/LGA45 ZIF-CS XRP-1

(3434) DIL48/QFP100-1.02 ZIF MSP432-1  
(3435) BGA-1423/3408 = BGA-Bottom-218 + BGA-Top-361 ZIF-CS  
(3436) DIL8/BGA12-1 ZIF-CS SFlash-1 (\*1)  
(3438) DIL48/TSSOP16 ZIF Kinetis-1  
(3441) DIL24/QFN24-2.04 ZIF-CS EFM-2  
(3442) DIL48/QFN32-4.01 ZIF-CS EFM-2  
(3444) BGA-3484/3485 = BGA-Bottom-367 + BGA-Top-373 ZIF-CS  
(3445) DIL48/QFP64-1.02 ZIF LPC-5  
(3446) DIL48/QFP48-1.02 ZIF LPC-3  
(3447) DIL48/QFP100-1.02 ZIF R5F-10  
(3449) DIL48/QFN48 ZIF LASC-1  
(3450) DIL8/BGA12-2 ZIF-CS SFlash-1 (\*1)  
(3451) BGA-1091/3286 = BGA-Bottom-191 + BGA-Top-336 ZIF-CS  
(3452) DIL48/LQFP64 ZIF MC56F-1  
(3460) DIL48/QFP208-1.02 ZIF LPC-2  
(3461) BGA-3152/3153 = BGA-Bottom-334 + BGA-Top-342 ZIF-CS  
(3478) DIL48/TSSOP16-170 ZIF R5F-1  
(3479) DIL48/QFP100-1.02 ZIF R5F-9  
(3480) DIL48/TSSOP20-170 ZIF R5F-4  
(3481) DIL48/TSSOP30-240 ZIF R5F-3  
(3482) DIL48/QFP48-1.02 ZIF R5F-2  
(3483) DIL48/WLCSP143-2 ZIF-CS STM32-1  
(3484) DIL48/QFP100 ZIF STM32-5  
(3486) BGA-3500/1079A = BGA-Bottom-230 + BGA-Top-208 ZIF (a)  
(3488) DIL48/QFP64-1.02 ZIF XMC-1  
(3489) DIL48/QFP100-1.02 ZIF XMC-1  
(3490) DIL48/QFP144-1.02 ZIF XMC-1  
(3491) BGA-3489/3490 = BGA-Bottom-352 + BGA-Top-374 ZIF-CS  
(3492) DIL48/SDIP64 ZIF HD63-1  
(3493) DIL48/LQFP32 ZIF Kinetis-2  
(3494) DIL48/LQFP64 ZIF MC56F-2  
(3495) DIL48/QFN56-1.02 ZIF CHIL-2  
(3498) BGA-3486/3487 = BGA-Bottom-366 + BGA-Top-372 ZIF-CS  
(3527) DIL8/QFN8-6.03 ZIF-CS  
(3536) DIL48/QFP100-3.03 ZIF NEC-15  
(3563) BGA-3605/3606 = BGA-Bottom-372 + BGA-Top-377 ZIF-CS  
(3564) BGA-3225/1182 = BGA-Bottom-344 + BGA-Top-223 ZIF  
(3567) DIL48/QFP32-1.04 ZIF MC56F-1  
(3568) DIL48/QFP176-1.02 ZIF R5F-2  
(3569) DIL48/QFN48-2.02 ZIF CHIL-4  
(3570) DIL48/QFP64-1.01 ZIF NUC-4 or DIL48/QFP64-1.01 ZIF NUC-3  
(3571) DIL48/WQFN64-1.02 ZIF NEC-1  
(3573) DIL48/QFN32-1.02 ZIF FM0-1  
(3574) DIL48/QFP80-1.03 ZIF MN101-4  
(3606) DIL48/QFN56-1.02 ZIF CY-2  
(3607) DIL48/QFN44-1.02 ZIF Z8F-1  
(3609) DIL48/QFP100-1.02 ZIF R7F-1  
(3615) DIL48/QFP32-1.04 ZIF FM0-1  
(3619) DIL32/SOIC32 ZIF 300mil (id)  
(3622) DIL48/QFN64-1.02 ZIF EZR-1  
(3631) BGA-3649/0955 = BGA-Bottom-369 + BGA-Top-119 ZIF  
(3634) DIL48/TSSOP30-240 ZIF R5F-2  
(3635) DIL48/QFP48-1.02 ZIF FM4-1  
(3637) DIL48/QFP100-1.02 ZIF R5F-8  
(3639) DIL48/QFN48-2.02 ZIF nRF-4  
(3641) DIL48/QFN28-3.02 ZIF PIC-1  
(3642) DIL48/QFN28-2.02 ZIF PIC-1  
(3643) DIL48/QFN32-1.02 ZIF EFM-3  
(3644) DIL48/QFN32-1.02 ZIF EFM-4  
(3645) DIL48/QFN48-1.02 ZIF EFM-1  
(3646) BGA-1423/3692 = BGA-Bottom-218 + BGA-Top-317 ZIF  
(3652) DIL48/QFN20-6.02 ZIF (id)  
(3653) DIL48/QFN32-2.02 ZIF (id)  
(3654) DIL48/QFP64-1.02 ZIF R7F-1  
(3655) DIL48/QFN48-1.02 ZIF PMIC-1  
(3657) DIL48/TSOP56 ZIF 18.4mm NOR-17  
(3659) DIL48/QFP100-1.02 ZIF R5F-11  
(3660) DIL48/QFN56-2.02 ZIF CY-3  
(3661) BGA-3718/1121 = BGA-Bottom-349 + BGA-Top-187 ZIF  
(3662) DIL48/QFN44 ZIF-CS CY-2  
(3663) DIL48/QFN40-2.02 ZIF PX-2  
(3664) BGA-3216/3685 = BGA-Bottom-316 + BGA-Top-380 ZIF-CS  
(3667) DIL48/QFN40 ZIF TPS53-1a  
(3668) DIL28/QFN28-1 ZIF-CS PIC-2 or DIL28/QFN28-1 ZIF-CS (id)  
(3669) BGA-3666/1426 = BGA-Bottom-375 + BGA-Top-245 ZIF-CS  
(3670) BGA-3664/0839 = BGA-Bottom-227 + BGA-Top-64 ZIF  
(3671) DIL48/QFN56-2.02 ZIF PMIC-1  
(3672) DIL48/QFP120 ZIF-CS FM3-2 or DIL48/QFP120 ZIF FM3-2  
(3673) DIL48/PLCC68 ZIF-CS NEC78P-1  
(3674) DIL32/QFP100-3.03 ZIF NEC78P07x  
(3675) DIL48/QFP208-1.02 ZIF xPC5x-2  
(3676) DIL16W/SOIC16 ZIF 150mil (id)  
(3677) DIL48/QFN32-1.02 ZIF CC-3  
(3678) DIL48/QFN32-2.02 ZIF CC-4  
(3679) DIL48/QFN48-1.02 ZIF CC-3  
(3707) LGA-3735/1118 = LGA-Bottom-391 + LGA-Top-195 ZIF-CS  
(3708) DIL48/QFP64-1.02 ZIF CY-1  
(3714) DIL48/LQFP144 ZIF xPC5x-1a  
(3720) BGA-3688/3689 = BGA-Bottom-380 + BGA-Top-383 ZIF-CS  
(3721) BGA-3720/1395 = BGA-Bottom-385 + BGA-Top-240 ZIF  
(3722) DIL48/QFP64-1.02 ZIF MC56F-3  
(3723) DIL48/QFP80 ZIF MC56F-1  
(3724) DIL20W/SOIC20 ZIF 300mil (id)  
(3731) DIL48/QFN64-1.02 ZIF CDCE-1  
(3740) DIL8/QFN8-4 ZIF (id)  
(3741) DIL48/SOIC8 ZIF CY-1  
(3744) DIL48/QFP176-1.02 ZIF TMS320-3  
(3745) BGA-3802/3803 = BGA-Bottom-381 + BGA-Top-384 ZIF  
(3746) DIL48/QFP64-1.02 ZIF R5F-7  
(3753) BGA-3813/0850A = BGA-Bottom-393 + BGA-Top-117 ZIF (a) or BGA-3813/0850 = BGA-Bottom-393 + BGA-Top-117 ZIF  
(3761) DIL48/QFN68-1.02 ZIF-CS CY-3  
(3765) DIL48/QFP100-1.02 ZIF RM-1  
(3766) BGA-3731/3732 = BGA-Bottom-388 + BGA-Top-388 ZIF-CS  
(3771) DIL48/QFP64-1.02 ZIF Kinetis-2  
(3772) DIL48/SOIC20 ZIF Kinetis-1  
(3785) DIL48/QFP176-1 ZIF TMS320-2a  
(3791) DIL48/QFN64-1.02 ZIF PN-1  
(3792) BGA-2871/3801 = BGA-Bottom-288 + BGA-Top-387 ZIF-CS or BGA-2871/2838 = BGA-Bottom-288 + BGA-Top-303 ZIF  
(3793) BGA-3882/2926 = BGA-Bottom-384 + BGA-Top-295 ZIF-CS  
(3794) BGA-3899/2713 = BGA-Bottom-396 + BGA-Top-292 ZIF  
(3795) DIL48/QFP176-1.02 ZIF R7F-1  
(3796) DIL48/QFP144-1.02 ZIF R7F-2  
(3797) DIL48/QFP64-1.02 ZIF MB91-3  
(3798) DIL24/QFN24-1 ZIF MCP-1  
(3822) BGA-3904/3905 = BGA-Bottom-379 + BGA-Top-382 ZIF-CS  
(3823) DIL48/LQFP80 ZIF Kinetis-1  
(3826) DIL48/QFP120-1.02 ZIF FM4-1  
(3827) DIL48/QFN64-1.02 ZIF UCD-2  
(3828) BGA-3811/3812 = BGA-Bottom-390 + BGA-Top-391 ZIF-CS  
(3829) DIL48/TSSOP28-170 ZIF PGA-1  
(3831) DIL48/QFP100-1.02 ZIF xPC5x-1  
(3833) DIL48/QFN48-1.02 ZIF ARM-5  
(3834) DIL48/QFP144-1.02 ZIF NEC-6  
(3835) DIL48/QFP80-1.02 ZIF MN101-2  
(3862) DIL48/W25Q32&128FV (Custom 2)  
(3875) DIL48/QFP100-1.02 ZIF TMPM36-1  
(3877) BGA-3939/2809 = BGA-Bottom-382 + BGA-Top-298 ZIF  
(3878) DIL48/QFP64-1.02 ZIF LPC-6



(3879) DIL48/QFN40-2.02 ZIF TPS53-2  
(3882) DIL48/QFN32-1.02 ZIF CY-1  
(3883) BGA-3935/3936 = BGA-Bottom-400 + BGA-Top-397 ZIF-CS  
(3886) DIL48/QFN40-1.02 ZIF QK-1  
(3892) DIL48/BGA221-1.01 ZIF eMMC-1 (\*1)  
(3893) DIL48/BGA221-1.01 ZIF eMMC-2 (\*1)  
(3894) BGA-3906/0957 = BGA-Bottom-330 + BGA-Top-160 ZIF-CS  
(3895) DIL48/QFP48-1.02 ZIF LPC-4  
(3896) DIL48/QFP100-1.02 ZIF LPC-7  
(3925) BGA-3973/3153 = BGA-Bottom-404 + BGA-Top-342 ZIF-CS  
(3926) DIL8/QFN8-5/2 ZIF SFlash-1a (\*1) or DIL8/QFN8-5 ZIF-CS SFlash-1a (\*1)  
(3927) DIL8/QFN8-5.01 ZIF eSD-1  
(3928) BGA-3942/3943 = BGA-Bottom-389 + BGA-Top-390 ZIF-CS  
(3929) BGA-3969/3970 = BGA-Bottom-392 + BGA-Top-392 ZIF  
(3930) BGA-3986/3970 = BGA-Bottom-405 + BGA-Top-392 ZIF  
(3933) DIL48/QFN28 ZIF-CS STM32-3  
(3934) DIL8/QFN8-4 ZIF SFlash-1 (\*1)  
(3935) DIL8/QFN8-4 ZIF SFlash-1 (\*1) or DIL8/QFN8-4 ZIF-CS SFlash-1  
(3936) DIL48/QFN20-5 ZIF STM32  
(3937) DIL48/TSSOP14 ZIF STM32  
(3938) DIL48/QFN48-1.02 ZIF EZR-1  
(3940) DIL48/TSSOP38-240 ZIF TMS320-1  
(4016) DIL48/QFP48-1.02 ZIF Magniv-2  
(4017) DIL48/QFN48-2.02 ZIF PX-5  
(4018) DIL48/QFN48-1.02 ZIF FM0-1  
(4019) DIL48/QFP100-1.02 ZIF FM4-1  
(4023) DIL48/QFN48 ZIF EM-2  
(4027) DIL48/QFP100-1.02 ZIF XC-3  
(4028) DIL48/QFP144-1.02 ZIF XC-3  
(4029) DIL48/QFP144-1.02 ZIF XC-2  
(4030) DIL48/QFP48-1.02 ZIF R5F-4  
(4033) DIL48/QFP128-1.01 ZIF NPCE-1  
(4034) DIL48/QFP64-1.01 ZIF ITE-2  
(4037) DIL48/QFP80-1.02 ZIF HD64-12  
(4040) DIL48/QFN56-2.02 ZIF EM-1  
(4041) DIL48/QFP32-1.04 ZIF Magniv-2  
(4042) DIL48/QFP80-1.03 ZIF MB90F-1  
(4043) DIL28w/SOIC28 ZIF 300mil (id)  
(4044) DIL48/QFP144-1.02 ZIF M32C-2  
(4045) DIL28w/SOIC28 ZIF 300mil  
(4046) DIL48/QFP144-1.02 ZIF SH-1  
(4047) DIL48/QFN40-2.02 ZIF CHIL-4  
(4048) DIL48/QFP144 ZIF STM32-3  
(4049) DIL48/QFP100-3.03 ZIF MCS196-1  
(4050) DIL48/QFP64-1.01 ZIF ITE-3  
(4051) DIL48/VFBGA100 ZIF-CS ARM-3  
(4052) DIL48/QFP80-1.03 ZIF R5F-2  
(4053) DIL8/BGA12-3 ZIF-CS SFlash-1 (\*1)  
(4054) DIL48/QFP64 ZIF MB89F-1  
(4055) DIL48/QFN48-1.02 ZIF FM4-1  
(4056) DIL48/QFN56-2.02 ZIF CY-4  
(4057) DIL48/QFP48-1.02 ZIF ARM-5  
(4058) BGA-4121/4122 = BGA-Bottom-377 + BGA-Top-408 ZIF-CS  
(4069) DIL48/QFP144-1.02 ZIF H8SX-2  
(4077) DIL48/QFP176-1.02 ZIF XC-1  
(4078) DIL48/QFP176-1.02 ZIF XC-2  
(4080) DIL48/SOP28 ZIF Toshiba-BM1157  
(4081) DIL48/TSSOP14-170 ZIF BQ-1  
(4082) DIL48/BGA100-1 ZIF MAX-1  
(4084) DIL8/BGA12-4 ZIF-CS SFlash-1 (\*1)  
(4085) DIL48/VQFN132 ZIF-CS MV250  
(4087) DIL48/QFP112-1.03 ZIF HCL2-2  
(4089) DIL48/QFN32-1.02 ZIF Magniv-2  
(4090) DIL48/DBGAL5 ZIF-CS BQ27-1  
(4092) DIL48/QFP64-1.02 ZIF TER-1  
(4098) DIL48/QFN40-2.02 ZIF CHIL-5  
(4099) BGA-3805/3801 = BGA-Bottom-386 + BGA-Top-387 ZIF-CS or BGA-3805/2838 = BGA-Bottom-386 + BGA-Top-303 ZIF or BGA-3805/3215 = BGA-Bottom-386 + BGA-Top-347 ZIF-CS  
(4100) BGA-3813/1379 = BGA-Bottom-393 + BGA-Top-232 ZIF-CS  
(4101) DIL48/QFP100-1.02 ZIF mXT-1  
(4102) DIL48/QFN20-1.02 ZIF PIC-1  
(4106) DIL48/QFN40-2.02 ZIF PIC-1  
(4109) DIL48/QFN36-1.02 ZIF PIC-1  
(4112) DIL48/QFP64-1.02 ZIF PIC-7  
(4113) DIL48/QFP80-1.02 ZIF FM3-3  
(4115) DIL48/QFP48-1.02 ZIF PIC-1  
(4116) DIL8/QFN8-1 ZIF SFlash-1a (\*1)  
(4117) DIL8/QFN8-1 ZIF SFlash-1a (\*1) or DIL8/QFN8-1 ZIF-CS SFlash-1a (\*1)  
(4118) DIL48/QFP64-1.02 ZIF TMPM38-1  
(4120) DIL48/QFN28-2 ZIF STM32-3  
(4135) DIL48/QFP64-1.02 ZIF CFP1us-1  
(4138) DIL48/QFN32-1.02 ZIF BQ40-1  
(4139) DIL48/QFN40-3.01 ZIF-CS TPS544-1  
(4140) DIL48/QFN48-1.02 ZIF LT-1  
(4141) DIL48/QFP144-1.01 ZIF-CS R7F-3  
(4145) DIL48/QFP80-1.02 ZIF FM4-1  
(4146) BGA-4234/1426 = BGA-Bottom-425 + BGA-Top-245 ZIF-CS  
(4149) BGA-4196/2926 = BGA-Bottom-424 + BGA-Top-295 ZIF-CS  
(4150) DIL48/QFP100-3.03 ZIF TMP-2  
(4153) DIL48/QFP100-1.02 ZIF CY-5  
(4161) DIL48/QFN32-1.02 ZIF Kinetis-4  
(4162) DIL48/QFN32-1.02 ZIF UCD-1  
(4164) DIL48/QFP100 ZIF NEC-14  
(4169) DIL48/QFP32-1.04 ZIF FM0-2  
(4170) DIL48/QFP64-1.02 ZIF FM0-1  
(4179) DIL20w/TSSOP20 ZIF 170mil (id)  
(4180) DIL48/QFP100-1.02 ZIF TMPM380-1  
(4183) DIL48/QFP64-1.02 ZIF TER-2  
(4185) DIL48/QFP100-1.02 ZIF TER-1  
(4189) DIL48/QFP144-1.02 ZIF NEC-7  
(4190) DIL48/QFN32-1.02 ZIF BNRG-1  
(4191) DIL48/QFN56-2.02 ZIF CC-1  
(4192) BGA-4139/1079A = BGA-Bottom-376 + BGA-Top-208 ZIF (a)  
(4194) DIL48/QFN40-2.02 ZIF ISL-2  
(4195) DIL48/QFN56-1.02 ZIF CHIL-4  
(4196) DIL48/QFN40-3.01 ZIF-CS TPS549-1  
(4197) DIL48/QFN48-1.02 ZIF TLE-2  
(4198) DIL48/QFP144 ZIF PLD-17  
(4199) DIL48/QFP144 ZIF PLD-18  
(4204) DIL48/QFP48-1.02 ZIF MAXQ-1  
(4206) DIL48/QFP100-3.03 ZIF TMPM38-2  
(4207) DIL48/TSOP50 ZIF module 3D Plus NAND-2  
(4208) BGA-4248/4249 = BGA-Bottom-410 + BGA-Top-404 ZIF  
(4209) DIL48/QFP176 ZIF STM32-3  
(4210) DIL8w/SOIC8 ZIF 150mil (id)  
(4211) DIL48/QFN40-1.02 ZIF LT-1  
(4218) DIL48/QFN40-1.02 ZIF CY-2  
(4219) DIL48/QFN40-1.02 ZIF CY-3  
(4220) DIL48/QFP48-1.02 ZIF CY-1  
(4223) DIL24/QFN24-1.02 ZIF CY-1  
(4224) DIL48/SOIC14-150 ZIF AVR-1  
(4225) DIL48/SOIC20-300 ZIF AVR-1  
(4226) DIL48/QFN20-6.02 ZIF AVR-1  
(4227) DIL48/QFN24-1.02 ZIF AVR-1  
(4236) DIL48/QFN32-1.02 ZIF MC56F-1  
(4237) DIL48/QFP80-1.03 ZIF R5F-5  
(4239) DIL32/LQFP32 ZIF MC9S-2  
(4241) DIL48/PQFN24 ZIF-CS CHIL-1

(4243) DIL48/TSSOP24-170 ZIF ISSI-1  
(4246) BGA-4347/1032 = BGA-Bottom-432 + BGA-Top-161 ZIF-CS  
(4259) DIL48/QFP100-7.03 ZIF-CS MN101-1  
(4260) DIL8/QFN8-1 ZIF SFlash-3 (\*1)  
(4261) BGA-1423/4346 = BGA-Bottom-218 + BGA-Top-400 ZIF  
(4264) DIL48/QFP100-1.02 ZIF TMPM36-2  
(4280) DIL48/QFN32-1.02 ZIF AVR-1  
(4297) DIL48/SOP68 ZIF MR-1 3D-Plus  
(4298) DIL48/QFN40-1.02 ZIF GP3  
(4299) BGA-4436/1121 = BGA-Bottom-433 + BGA-Top-187 ZIF  
(4301) DIL8/BGA22-1 ZIF SFlash-1 (\*1)  
(4302) DIL48/QFP144-1.02 ZIF FM4-1  
(4303) BGA-4425/1079A = BGA-Bottom-437 + BGA-Top-208 ZIF (a)  
(4307) BGA-4429/1182 = BGA-Bottom-421 + BGA-Top-223 ZIF  
(4309) DIL48/TSOP50 ZIF NAND module 3D Plus or DIL48/TSOP50 ZIF NAND module 3D Plus -a  
(4311) DIL48/TSOP50 ZIF module 3D Plus NAND-1a  
(4312) DIL48/QFN48-3.06 ZIF-CS Kinetis-2 or DIL48/QFN48-1.02 ZIF Kinetis-2  
(4314) DIL48/QFP48-1.02 ZIF MC56F-1  
(4316) DIL48/QFP160 ZIF-CS PLD-5  
(4317) DIL48/TSSOP28-170 ZIF PCF-1  
(4319) DIL48/QFN40-2.02 ZIF TPS53-3  
(4320) DIL16W/SOIC16 ZIF 150mil MC96F-1  
(4325) DIL48/QFN32-1.02 ZIF Kinetis-3  
(4326) DIL48/QFN64-1.02 ZIF SI-1  
(4327) LGA-4442/4443 = LGA-Bottom-427 + LGA-Top-192 ZIF-CS  
(4328) DIL48/QFP100-1.02 ZIF R5F-12  
(4330) DIL48/QFP48-1.02 ZIF R5F-6  
(4332) DIL48/QFP100 ZIF STM32-DSI-1  
(4333) DIL48/QFP144 ZIF STM32-DSI-1  
(4334) DIL48/QFP176 ZIF STM32-DSI-1  
(4335) DIL48/QFP208 ZIF STM32-DSI-1  
(4336) DIL48/QFP100-3.03 ZIF NEC-16  
(4343) DIL48/QFP144-1.01 ZIF MB91-2  
(4344) DIL48/QFP144-1.02 ZIF MB91-2  
(4345) DIL48/QFP176-1.02 ZIF FM4-1  
(4346) DIL48/QFP216-1.01 ZIF FM4-1  
(4354) DIL48/QFP48 ZIF ARM-2 or DIL48/QFP48 ZIF-CS ARM-2  
(4355) DIL8/BGA32-1 ZIF-CS SFlash-1  
(4356) DIL48/QFP32-1.04 ZIF AC3-1  
(4357) DIL48/QFN48-2.02 ZIF ITE-1  
(4358) BGA-4468/1426 = BGA-Bottom-394 + BGA-Top-245 ZIF-CS  
(4359) DIL48/QFP48-1.02 ZIF R5F-7  
(4387) DIL48/QFN32-1.02 ZIF TLSR-1  
(4388) DIL48/QFN48-2.02 ZIF ISL-1  
(4389) DIL48/TSSOP24-170 ZIF ALED-1  
(4392) DIL24/BGA24-2 ZIF HFlash-1 or DIL24/BGA24-2 ZIF-CS HFlash-1  
(4402) LGA-4494/1118 = LGA-Bottom-439 + LGA-Top-195 ZIF-CS  
(4405) DIL48/QFN32-1.02 ZIF BNRG-2  
(4406) DIL48/WLCSP100-1.01 ZIF-CS STM32F3-1  
(4407) DIL48/WLCSP100-1.02 ZIF-CS STM32F3-1  
(4408) DIL48/WLCSP100-1.03 ZIF-CS STM32L4-1  
(4409) DIL48/WLCSP100-1.03 ZIF-CS STM32L4-SMPS-1  
(4410) BGA-3973/4527 = BGA-Bottom-404 + BGA-Top-424 ZIF-CS  
(4411) BGA-4516/4528 = BGA-Bottom-441 + BGA-Top-425 ZIF-CS  
(4412) BGA-4517/4514 = BGA-Bottom-442 + BGA-Top-426 ZIF-CS  
(4413) BGA-4518/4515 = BGA-Bottom-387 + BGA-Top-386 ZIF-CS  
(4414) BGA-4519/4515 = BGA-Bottom-443 + BGA-Top-386 ZIF-CS  
(4415) BGA-4526/3398 = BGA-Bottom-444 + BGA-Top-360 ZIF-CS  
(4416) DIL48/QFP144 ZIF STM32-SMPS-1  
(4417) DIL48/QFP64 ZIF STM32-SMPS-1  
(4418) DIL48/QFP64-1.02 ZIF XMC-2  
(4420) DIL48/SOIC36-1.01 ZIF-CS SX6-1  
(4422) DIL48/SSOP20-155 ZIF ET-1  
(4425) DIL48/QFN64-1.02 ZIF FM3-1  
(4427) DIL48/WLCSP168-1 ZIF-CS STM32-DSI-1  
(4428) BGA-4553/3398 = BGA-Bottom-451 + BGA-Top-360 ZIF-CS  
(4429) BGA-4552/4969 = BGA-Bottom-452 + BGA-Top-448 ZIF-CS or BGA-4552/2318 = BGA-Bottom-452 + BGA-Top-246 ZIF-CS  
(4430) BGA-4551/2942 = BGA-Bottom-453 + BGA-Top-314 ZIF-CS  
(4444) BGA-4562/1348 = BGA-Bottom-449 + BGA-Top-237 ZIF  
(4456) DIL48/SSOP28-155 ZIF ET-1  
(4459) DIL48/QFP32-1.04 ZIF ET-1  
(4462) DIL48/SSOP28-155 ZIF ET-2  
(4465) DIL48/QFP32-1.04 ZIF ET-2  
(4468) DIL48/QFP48-1.02 ZIF ET-1  
(4471) DIL48/QFN56-2.02 ZIF ET-1  
(4474) DIL48/QFP48-1.02 ZIF ET-2  
(4477) DIL48/QFN56-2.02 ZIF ET-2  
(4480) DIL48/QFP48-1.02 ZIF ET-3  
(4483) DIL48/QFN56-2.02 ZIF ET-3  
(4486) DIL48/QFP48-1.02 ZIF ET-4  
(4489) DIL48/QFN56-2.02 ZIF ET-4  
(4492) DIL48/QFN20-1.02 ZIF ET-1  
(4495) BGA-4547/2672 = BGA-Bottom-445 + BGA-Top-286 ZIF  
(4496) DIL48/QFP128-1.01 ZIF H8SX-1  
(4501) DIL48/QFP100-1.02 ZIF xPC5x-4  
(4503) DIL48/QFP100-1.02 ZIF EFM-2  
(4506) DIL48/QFN32-1.02 ZIF RTL-1  
(4508) BGA-4544/4543 = BGA-Bottom-440 + BGA-Top-422 ZIF-CS  
(4510) DIL48/QFN32-1.02 ZIF IRMC-1  
(4511) DIL48/QFP128-1.02 ZIF R5F-2  
(4513) BGA-4542/4541 = BGA-Bottom-398 + BGA-Top-395 ZIF-CS  
(4515) DIL48/QFN48-2.02 ZIF MP-1  
(4516) DIL48/QFP100-1.02 ZIF Kinetis-3  
(4521) DIL48/QFP100-1.02 ZIF R7F-2  
(4531) DIL48/QFP144-1 ZIF R5F-3  
(4532) DIL48/QFP176-1.02 ZIF SH-1  
(4533) BGA-4563/1426 = BGA-Bottom-422 + BGA-Top-245 ZIF-CS  
(4534) DIL48/QFP176-1.02 ZIF MB91-1  
(4535) DIL48/BGA672-1 ZIF NEC-1  
(4536) BGA-2871/2838 = BGA-Bottom-288 + BGA-Top-303 ZIF  
(4537) DIL48/QFP100-1.02 ZIF ARM-8  
(4538) DIL8/QFN8-4 ZIF  
(4541) DIL48/BGA63-1.10 ZIF NAND-1  
(4544) DIL48/QFN56-1.02 ZIF CHIL-3  
(4574) BGA-4690/4691 = BGA-Bottom-457 + BGA-Top-428 ZIF-CS  
(4575) DIL48/QFP64-1.02 ZIF PIC-8  
(4578) DIL48/QFN64-1.02 ZIF PIC-5  
(4581) BGA-4681/0955 = BGA-Bottom-450 + BGA-Top-119 ZIF  
(4582) DIL48/BGA64-2.1 ZIF NOR-5  
(4583) DIL48/QFN73-1.01 ZIF-CS nRF-4  
(4585) LGA-4712/4713 = LGA-Bottom-446 + LGA-Top-412 ZIF-CS  
(4591) DIL48/QFP64-1.04 ZIF CY-1  
(4592) DIL48/QFP100-1.01 ZIF PIC-6  
(4600) DIL48/QFP100-3.03 ZIF MB91-1  
(4601) DIL48/QFN48-1.02 ZIF Kinetis-3  
(4602) DIL8/BGA8-12 ZIF  
(4603) DIL48/QFP64-1.02 ZIF R5F-6  
(4604) DIL48/QFP100-1.03 ZIF NT50-1  
(4605) DIL48/BGA152-1 ZIF NAND-1  
(4606) DIL48/QFP64-1.02 ZIF R5F-12  
(4622) DIL48/QFP100-1.02 ZIF TMS320-3  
(4624) DIL48/QFN24-1.02 ZIF CY-2  
(4625) DIL48/QFN56-3.02 ZIF mXT-2  
(4627) DIL48/QFP100-1.02 ZIF ARM-9  
(4628) DIL48/QFN64-2.01 ZIF-CS ARM-7  
(4629) BGA-1423/4744 = BGA-Bottom-218 + BGA-Top-414 ZIF  
(4630) DIL48/QFP64-1.01 ZIF NUC-4  
(4633) DIL48/QFN48-2.02 ZIF TPS53-1

(4636) DIL48/QFP100-1.02 ZIF TMPM47-1  
(4638) DIL48/QFP48-1.02 ZIF Magniv-3  
(4642) DIL28/QFN28-2.02 ZIF  
(4644) DIL48/QFN48-1.02 ZIF LMK-1  
(4645) DIL48/QFN48 ZIF PLD-3  
(4648) DIL28/QFP80-9.04 ZIF-CS M37451  
(4649) DIL48/QFP80-1.02 ZIF EFM-1  
(4650) DIL48/QFP64-1.02 ZIF EFM-2  
(4651) DIL48/QFN64-1.02 ZIF EFM-2  
(4652) DIL48/QFP48-1.02 ZIF EFM-2  
(4653) DIL48/QFN32-1.02 ZIF EFM-5  
(4661) DIL48/QFP100-1.02 ZIF NUC-2  
(4662) DIL48/QFN32-2.02 ZIF NUC-6  
(4667) DIL48/PLCC84 ZIF-CS PLD-8  
(4668) DIL48/QFN32-1.02 ZIF EFM-6  
(4671) DIL48/QFN48 ZIF-CS nRF-1a  
(4672) DIL48/QFN32-1.02 ZIF MSP430-2  
(4677) DIL48/QFN24-6.08 ZIF FXTH-1  
(4679) BGA-4328/4329 = BGA-Bottom-431 + BGA-Top-418 ZIF-CS  
(4680) DIL48/QFN48-2.02 ZIF MAX-2  
(4681) DIL48/QFP100-1.02 ZIF-CS H8-4  
(4682) DIL48/QFP100-1.02 ZIF Kinetis-5  
(4683) DIL48/QFP100-1.02 ZIF Kinetis-6  
(4687) DIL48/QFN56-2.02 ZIF CY-5  
(4688) DIL48/QFP64-1.02 ZIF PIC-9  
(4691) DIL48/QFN64-1.02 ZIF PIC-6  
(4694) DIL48/LGA52-6 ZIF module 3D Plus NAND-1  
(4696) DIL48/QFN64-1.02 ZIF EFM-3  
(4697) DIL48/QFP64-1.02 ZIF EFM-3  
(4703) DIL48/QFN48-1.02 ZIF ITE-2  
(4714) DIL48/QFN68-1.02 ZIF EFR-1  
(4723) DIL48/QFP48-1.02 ZIF ITE-2  
(4738) DIL48/QFP48-1.02 ZIF AVR-1  
(4739) DIL48/QFP32-1.04 ZIF AVR-1  
(4740) DIL48/QFN32-1.02 ZIF AVR-2  
(4741) DIL48/SSOP28-200 ZIF AVR-1  
(4742) DIL48/QFN64-2.01 ZIF-CS AVR-1  
(4743) DIL48/SOIC8-150 ZIF MLX-1  
(4747) BGA-4810/2926 = BGA-Bottom-472 + BGA-Top-295 ZIF-CS  
(4749) DIL48/QFN24-1.02 ZIF MLX-1  
(4751) DIL48/QFP100-1.02 ZIF R5F-17  
(4755) BGA-4677/1079A = BGA-Bottom-459 + BGA-Top-208 ZIF (a)  
(4757) DIL48/QFP64-1.02 ZIF ARM-8  
(4760) DIL48/QFN24-1.02 ZIF MSP430-3  
(4761) DIL48/QFN24-1.02 ZIF MSP430-2  
(4763) BGA-4836/3970 = BGA-Bottom-476 + BGA-Top-392 ZIF  
(4764) DIL44/PLCC44 ZIF  
(4775) DIL48/QFN32-1.02 ZIF R9A-1  
(4779) DIL48/WLCSP20-1 ZIF Kinetis-2  
(4780) DIL48/QFP100-1.02 ZIF R5F-19  
(4786) DIL48/QFP100-1.02 ZIF LPC-10  
(4787) DIL48/QFP64-1.02 ZIF ARM-9  
(4790) DIL48/QFP64-1.03 ZIF-CS A33-1  
(4804) DIL28w/TSSOP28 ZIF 170mil (id)  
(4806) DIL48/SOP18 ZIF module 3D Plus SFlash-1  
(4807) DIL48/QFN40-1.02 ZIF TPS40-1  
(4808) DIL48/QFN48-2.02 ZIF CY-4  
(4809) DIL48/QFP48-1.02 ZIF CY-2  
(4810) DIL48/QFN32-1.02 ZIF nRF-3  
(4811) DIL48/QFN48-2.02 ZIF EC-1  
(4815) DIL28w/SSOP28 ZIF 200mil (id)  
(4816) DIL48/QFP100-1.02 ZIF ARM-10  
(4817) BGA-4943/1426 = BGA-Bottom-483 + BGA-Top-245 ZIF-CS  
(4821) DIL48/QFP100-1.02 ZIF R5F-20  
(4823) DIL48/QFN33 ZIF-CS module BT121-1  
(4825) DIL48/PLCC68 ZIF PLD-4  
(4826) DIL48/BGA113-1 ZIF MSP430-1  
(4827) DIL48/QFN32-1.02 ZIF CY-2  
(4828) DIL48/QFN48-2.02 ZIF CY-5  
(4829) DIL48/QFN24-1.02 ZIF CY-3  
(4830) DIL48/QFN24-1.02 ZIF CY-4  
(4831) DIL48/QFN24-1.02 ZIF CY-5  
(4832) DIL48/SOIC16-150 ZIF CY-2  
(4833) DIL48/SOIC16-150 ZIF CY-3  
(4834) DIL48/QFP160-11.03 ZIF-CS MB91-1  
(4836) DIL48/SOIC8-150 ZIF AVR-1  
(4839) DIL48/QFN20-5.03 ZIF (id)  
(4840) DIL48/QFP208-1.02 ZIF LPC-3  
(4841) DIL48/BGA1152-1 ZIF PLD-1  
(4843) DIL48/QFP64-1.02 ZIF CY-2  
(4844) DIL48/QFP128-1.02 ZIF CY-1  
(4846) DIL48/QFP144-1.02 ZIF R5F-4  
(4847) DIL48/QFP100-1.02 ZIF R5F-16  
(4864) DIL48/QFP144-1.02 ZIF R5F-5  
(4866) DIL48/QFP80-2.03 ZIF HD64-15  
(4871) DIL48/QFP100-1.02 ZIF R5F-18  
(4872) DIL48/QFN48-2.02 ZIF ISL9-1  
(4873) DIL48/PLCC44 ZIF-CS TK89-1  
(4876) DIL48/QFN48 ZIF STM32G-1  
(4880) BGA-2317/4969 = BGA-Bottom-222 + BGA-Top-448 ZIF-CS  
(4881) DIL8/QFN8-5/2 ZIF SFlash-1b (\*1)  
(4882) DIL8/QFN8-1 ZIF SFlash-1b (\*1)  
(4883) BGA-5020/1028 = BGA-Bottom-489 + BGA-Top-181 ZIF-CS  
(4884) DIL48/QFN48-1.02 ZIF TLE-3  
(4885) DIL48/QFP144-1.02 ZIF Kinetis-4  
(4887) DIL48/QFP64-1.02 ZIF TMS320-2  
(4888) DIL48/WLCSP80-2 ZIF-CS CY-1  
(4890) DIL48/QFP144-1.02 ZIF Kinetis-3  
(4896) DIL48/TSOP48 ZIF 18.4mm NAND-4  
(4897) DIL48/QFN40-2.02 ZIF FL-1  
(4904) DIL48/QFP48 ZIF STM32-3  
(4909) DIL48/QFP100-1.02 ZIF TMS320-4  
(4912) DIL48/QFP176-1.02 ZIF S32K-1  
(4913) DIL8/QFN8-5/2 ZIF SFlash-1b (\*1) or DIL8/QFN8-5/2 ZIF SFlash-1a (\*1)  
(4914) DIL8/QFN8-5/2 ZIF SFlash-1b (\*1) or DIL8/QFN8-5/2 ZIF SFlash-1a (\*1) or DIL8/QFN8-5 ZIF-CS SFlash-1a (\*1)  
(4915) DIL48/QFP100-1.02 ZIF R5F-22  
(4916) DIL48/QFP64-1.02 ZIF LPC-8  
(4917) DIL48/QFN46-1.01 ZIF-CS RTL-1  
(4919) DIL48/QFN32-1.02 ZIF nRF-4  
(4921) BGA-2362/1148 = BGA-Bottom-257 + BGA-Top-218 ZIF  
(4954) DIL48/QFP48-1.02 ZIF IRMC-1  
(4958) DIL48/QFP32-1.04 ZIF A49-1  
(4959) DIL48/QFN36-2.02 ZIF PIC-2  
(4967) DIL48/QFN32-1.02 ZIF RTL-2  
(4968) DIL48/TSSOP48-240 ZIF MSP430-1  
(4969) DIL48/QFN20-11.01 ZIF-CS MSP430-1  
(4970) DIL8/QFN8-5/2 ZIF SFlash-1b (\*2) or DIL8/QFN8-5/2 ZIF SFlash-1a  
(4971) DIL8/QFN8-5/2 ZIF SFlash-1b (\*2) or DIL8/QFN8-5/2 ZIF SFlash-1a or DIL8/QFN8-5 ZIF-CS SFlash-1a  
(4973) DIL8/QFN8-5/2 ZIF SFlash-1b (\*2) or DIL8/QFN8-5/2 ZIF SFlash-1a or DIL8/QFN8-5 ZIF-CS SFlash-1a or DIL8/QFN8-5 ZIF-CS SFlash-1  
(4979) DIL48/TFBGA232 ZIF-CS MT-AP00300 or DIL48/TFBGA232 ZIF-CS.1 MT-AP00300  
(4980) DIL48/module ZIF BGM-1  
(4987) DIL48/QFP176-1.02 ZIF S6J33-1  
(4990) DIL48/LGA62 ZIF module S76S  
(4991) DIL48/QFP48-1.02 ZIF R5F-5  
(4992) DIL48/QFP100-1.02 ZIF Kinetis-7  
(4994) DIL48/WLCSP100-1.01 ZIF-CS STM32F7-USBPHY-1  
(4995) DIL48/QFP144 ZIF STM32-USBPHY-1  
(4996) DIL48/QFP176 ZIF STM32-USBPHY-1

(5001) DIL48/QFN64-1.02 ZIF ADM-1  
(5002) DIL48/QFP176-1.01 ZIF-CS S78-1  
(5003) DIL48/QFP64-1.02 ZIF IRMC-1  
(5005) DIL48/BGA100-8 ZIF-CS ARM-1  
(5009) DIL48/QFP80-1.02 ZIF PIC-4  
(5011) DIL48/QFN48-2.02 ZIF CHIL-7  
(5012) DIL48/TSSOP30-170 ZIF BQ78-1  
(5014) DIL48/QFP144-1.02 ZIF R7F-4  
(5016) DIL48/QFP32-1.04 ZIF CY-1  
(5023) DIL33/MLF32-1 ZIF-2 AVR-1  
(5025) DIL48/QFN40-2.02 ZIF RTL-1  
(5031) DIL48/QFP48-1.02 ZIF NUC-5  
(5034) DIL48/QFP208-4.02 ZIF MB91-2  
(5035) DIL48/QFP100-1.02 ZIF MB91-1  
(5036) DIL48/SSOP24-200 ZIF ARM-1  
(5037) DIL48/QFN24-1.02 ZIF ARM-1  
(5043) DIL48/QFN48-2.02 ZIF AVR-1  
(5055) DIL48/SOIC8-150 ZIF STM8-2  
(5056) DIL48/SOIC8-150 ZIF STM8-1  
(5074) DIL8/SOIC8-150 ZIF ANV nvSRAM-2  
(9997) Paid ISP support, usage of this device require active 'Credit box' attached to PC  
(9999) Support of this chip is restricted to some programmer[s] only. Contact manufacturer of programmer for details.  
(\*1) (\*2) TurboMode mode is available for this device