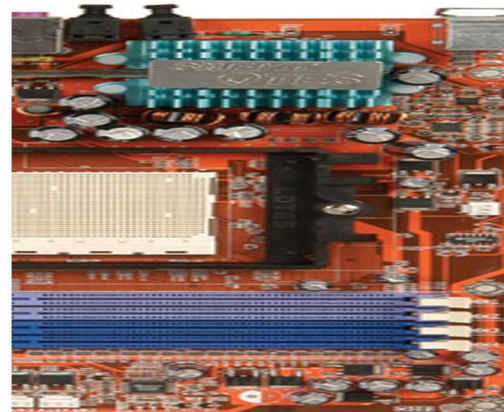


**PROGRAMMATEUR UNIVERSEL POUR EPROM / EEPROM / MEMOIRES FLASH
27Cxxxx / 28Cxxxx / 28Fxxxx / 29Cxxxx / 29Fxxxx / 39Fxxxx / 49Fxxxx
ET POUR LES EEPROMS/SPI-FLASH 24Cxxx / 25xxx / 25Cxxx / 25Lxxx / 95xxx
SUR PORT USB**



FlashBiosBox



Présentation:

Le FlashBiosBox a été spécialement conçu pour la programmation des EPROMs (famille 2716 à 27C801) de 16Kbits à 8Mbits, des EEPROMs parallèles (famille 28C16 à 28C040) de 16Kbits à 4Mbits, des mémoires FLASHs à accès parallèle (familles 28Fxxx, 29Cxxx, 29Fxxx, 39Fxxx, 49Fxxx) de 512Kbits à 8Mbits ainsi que des EEPROMs à accès série et mémoires FLASHs SPI (familles 24Cxxx / 25xxx / 25Cxxx / 25Lxxx / 95xxx), jusqu'à 16Mb. Il est équipé d'un support à force d'insertion nulle ZIF32 pour tous les composants en 8/24/28/32 broches et d'un support PLCC32 pour la programmation des mémoires FLASHs à accès parallèles. Il possède également une sortie avec connecteur SPI de type HE10 pour la programmation in-Situ des EEPROMs i2C 24Cxxx et FLASHs SPI 25Cxxx en CMS soudés sur cartes. Le FlashBiosBox (FBB-32) se connecte directement sur port USB, ceci lui permettant d'être alimenté directement par le PC sans ajout d'une alimentation externe. Son convertisseur de tension intégré sur la carte lui permet de générer les tensions en 2,5V / 3,3V / 5,0V / 12,0V / 12,5V / 13,0V / 21,0V et 25,0V.

Le logiciel fonctionne sous Windows 98/ME/2000/XP/VISTA/Windows7/Windows8/Windows10 (32/64bits).

Caractéristiques:

Formats de fichiers acceptés: BINAIRE, INTEL (Extended) HEX, INTEL HEX16, Motorola S19/S28/S37 records.

Fonctions : Lire / Ecrire / Tester-programmer / Vérifier / Test de virginité / Effacer.

Supporte les composants low-voltage: 2,5V à 5,0V.

Supporte les tensions de programmations Vpp : 12,0V / 12,5V / 13,0V / 21,0V / 25,0V.

Ne nécessite pas d'adaptateurs pour les composants en DIP8, DIP24, DIP28 et DIP32, (support ZIF32).

Support PLCC32 intégré sur la carte pour programmer les Mémoires FLASH

Connecteur SPI intégré (GND, VDD, VPP, DATA0, DATA1, DATA2, DATA3, DATA4, DATA5, DATA7).

Supporte Windows 98 / ME / 2000 / XP / VISTA / Win7 / Win8 / Win10 (32bit et 64bit) avec 10MB d'espace disque dur.

Spécifications Hardware & Electrique:

Dimensions boîtier : 150 x 125 x 38mm, Poids : 260g

Dimensions emballage : 250 x 185 x 55mm, Poids : 440g

Alimentation par le port USB.

Interface : connexion sur un ordinateur PC sur un port USB (USB 1.1, 2.0 ou supérieur).

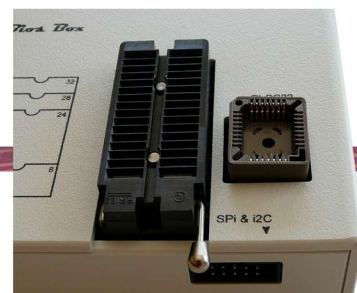
Contenu:

Programmeur avec support ZIF32, support PLCC32 et connecteur SPI.

Cordon USB type A-B.

Logiciel sur CD en Français, Anglais, Allemand, Néerlandais.

Manuel d'utilisation en Français et en Anglais.





Appuyer sur "CTRL + F" pour trouver un composant

Fabricants:

Composants:

ACTRANS	AC39LV512	AC39LV010	AC39LV020	AC39LV040			
AMD	AM2716B	AM2732B	AM2764A	AM27128A	AM27256	AM27512	
	AM27C64	AM27C128	AM27C256	AM27C512	AM27C010	AM27C020	Am27c040
	AM27H256	AM27H010					
	AM27HB010						
	AM27LV010	AM27LV010B	AM27LV020	AM27LV020B			
	AM2816A	AM2817A	AM2864A	AM2864AE	AM2864B	AM2864BE	
	AM28F256	AM28F512	AM28F001	AM28F010	AM28F020		
	AM29F001B	AM29F001BB	AM29F001BT	AM29F001NB	AM29F001NBB	AM29F001NBT	AM29F001NT
	AM29F001T	AM29F002B	AM29F002BB	AM29F002BT	AM29F002NB	AM29F002NBB	AM29F002NBT
	AM29F002NT	AM29F002T	AM29F004BB	AM29F004BT	AM29F010	AM29F010A	AM29F010B
AM29F040	AM29F040A	AM29F040B					
AM29LV001B	AM29LV001BB	AM29LV001BT	AM29LV010B	AM29LV040B			
AMIC	A25L512	A25L010	A25L020	A25L040	A25L080	A25L016	A25L032
	A25L05P	A25L10P	A25L20P	A25L40P	A25L80P	A25L16P	
	A276308A	A276308AL	A27020	A27020L			
	A29512	A29512A	A29010	A29010A	A29001T	A29001U	A290011T
	A290011U	A29002T	A29002U	A290021T	A290021U	A29040	A29040A
	A29040B	A29L004T	A29L004U	A29L004AT	A29L004AU	A29L040	
	A49LF004	A49LF040	A49LF040A				
ASI	AS29F010CW SMJ28F010B	AS29F040CW					
ATMEL	AT24C01	AT24C01A	AT24C21	AT24C02	AT24C02A	AT24C04	AT24C08
	AT24C08A	AT24C16	AT24C16A	AT24C164	AT24C32	AT24C32A	AT24C32B
	AT24C64	AT24C64A	AT24C64B	AT24C128	AT24C256	AT24C256N	AT24C256B
	AT24C256BN	AT24C512	AT24C1024	AT24C1024W			
	AT24CS128	AT24CS256					
	AT24RF08CN	AT24RF08CT					
	AT25010	AT25020	AT25040	AT25080	AT25160	AT25320	AT25640
	AT25128	AT25256					
	AT25DF021	AT25DF041A	AT25DF081	AT25DF161	AT25DF321A	AT25DF641	
	AT25F512B	AT25F1024	AT25F2048	AT25F4096			
	AT25SF010	AT25SF040					
	AT27BV256	AT27BV512	AT27BV010	AT27BV020	AT27BV040		
	AT27C256R	AT27C512	AT27C512R	AT27C010	AT27C010L	AT27C020	AT27C040
	AT27C080						
	AT27HC64	AT27HC64L	AT27HC256	AT27HC256R			
	AT27LV256A	AT27LV256R	AT27LV512A	AT27LV512R	AT27LV010	AT27LV010A	AT27LV010AL
	AT27LV020	AT27LV020A	AT27LV040	AT27LV040A			
	AT28BV16	AT28BV64	AT28BV64B	AT28BV256			
	AT28C04	AT28C16	AT28C16E	AT28C16F	AT28C17	AT28C17E	AT28C17F
	AT28C64	AT28C64B	AT28C64E	AT28C64F	AT28C64X	AT28C256	AT28C256E
	AT28C256F	AT28C010	AT28C010E	AT28C040			
	AT28HC16	AT28HC16L	AT28HC64	AT28HC64B	AT28HC64L	AT28HC256	AT28HC256E
	AT28HC256F	AT28HC256F	AT28HC256L	AT28HC256LE	AT28HC256LF		
	AT28LV64	AT28LV64B	AT28LV256	AT28LV010			
	AT28MC010	AT28MC020	AT28MC040				
	AT28PC64	AT28PC64E					
	AT29BV010A	AT29BV020	AT29BV040A				
	AT29C256	AT29C257	AT29C512	AT29C010	AT29C010A	AT29C020	AT29C040
	AT29C040A						
	AT29LV256	AT29LV257	AT29LV512	AT29LV010	AT29LV010AT	AT29LV020	AT29LV040
	AT29LV040A						
	AT49BV512	AT49BV001	AT49BV001A	AT49BV001AN	AT49BV001ANT	AT49BV001AT	AT49BV001N
	AT49BV001NT	AT49BV001T	AT49BV010	AT49BV002	AT49BV002A	AT49BV002AN	AT49BV002ANT
	AT49BV002AT	AT49BV002N	AT49BV002NT	AT49BV002T	AT49BV020	AT49BV040	AT49BV040A
	AT49BV040B	AT49BV040T					
	AT49F512	AT49F001	AT49F001A	AT49F001AN	AT49F001ANT	AT49F001AT	AT49F001N
	AT49F001NT	AT49F001T	AT49F010	AT49F002	AT49F002A	AT49F002AN	AT49F002ANT
	AT49F002AT	AT49F002N	AT49F002NT	AT49F002T	AT49F020	AT49F040	AT49F040A
	AT49F040T						
	AT49HBV010						
AT49HF010							
AT49HLV010							
AT49LH002	AT49LH004						
AT49LL020	AT49LL040	AT49LL080					
AT49LV001	AT49LV001A	AT49LV001AN	AT49LV001ANT	AT49LV001AT	AT49LV001N	AT49LV001NT	
AT49LV001T	AT49LV020	AT49LV002	AT49LV002A	AT49LV002AN	AT49LV002ANT	AT49LV002AT	
AT49LV002N	AT49LV002NT	AT49LV002T	AT49LV020	AT49LV040	AT49LV040T		
AT49LW040	AT49LW080						
AUSTIN	SMJ27C040						
BRIGHT	BM29F040						
CATALYST	CAT25010	CAT25020	CAT25040				
	CAT25C01	CAT25C11	CAT25C02	CAT25C03	CAT25C04	CAT25C05	CAT25C08
	CAT25C09	CAT25C16	CAT25C17	CAT25C32	CAT25C33	CAT25C64	CAT25C65
	CAT25C128	CAT25C256					
	CAT2764A	CAT27128A	CAT27256	CAT27512	CAT27010		
CAT27HC256	CAT27HC256L						

	CAT28C16 CAT28C64BI CAT28LV64 CAT28F512N CAT28F020P	CAT28C16AI CAT28C256 CAT28LV256 CAT28F512P CAT28F020T	CAT28C17A CAT28C256I CAT28F512T	CAT28C17AI CAT28C512 CAT28F010N	CAT28C64A CAT28C513 CAT28F010P	CAT28C64AI CAT28F010T	CAT28C64B CAT28F020N
DEUTRON	P439LV010	P439LV040					
EFST / ESMT	F25L08PA F25S004A F49B002UA F49L004BA	F25L16PA F49L004UA	F25L32PA F49L040A	F25L32Q 	F25L004A 	F25L008A 	
EON / CFEON	EN27C512 EN27LV512 EN29F512 EN29F002NB EN29LV512 EN39LV010	EN27C010 EN27LV512B EN29F010 EN29F002NT EN29LV010	EN27C020 EN27LV010 EN29F002AB EN29F002T EN29LV040	EN27LV010B EN29F002ANB EN29F040 EN29LV040A	EN27LV020 EN29F002ANT EN29F040A	EN27LV020B EN29F002AT 	EN29F002B
EXEL	XLE28C16A XLM28C16A XLS2816A XLS28C16A XL28C256	XLE28C16B XLS2817A XLS28C16B	 XLS28C64B				
FAIRCHILD	FM25C020 NM25C020 FM27C256 FM27LV010 NM27C64 NM27LC64 NM27LV512 NM27P512 NMC27C16B	FM25C040 NM25C04 FM27C512 NM27C128 NM27LC512 NM27LV010 NM27P040 NMC27C16BQ	FM25C041 NM25C040 FM27C010 NM27C256 NM27LV010B	FM25C160 NM25C041 FM27C040 NM27C512 	FM25C640 NM25C160 NM27C010 	NM25C640 NM27C020 	NM27C040
FORCE TECHNOLOGIES	FT28C16 FT28C010E FT28HC64	FT28C64 FT28C020	FT28C64B FT28C040	FT28C64X	FT28C256	FT28C256B	FT28C010
FUJITSU	MBM2764 MBM27C256A MBM27C4001 MBM28C64 MBM28F010 MBM29F010 MBM29F002T MBM29F040C MBM29LV001B	MBM27128 MBM27C256AP MBM28C65 MBM29F010A MBM29F004B	MBM27C256H MBM29F001B MBM29F004T	MBM27C512 MBM29F001T MBM29F004BC	MBM27C1000 MBM29F002B MBM29F004TC	MBM27C1001 MBM29F002NB MBM29F040	MBM27C1001A MBM29F002NT MBM29F040B
GENERAL INSTRUMENTS	27256 27C64 27HC64	27C128 27HC64L	27C256	27C512			
GREENWICH	GR2764	GR27128	GR27256	GR27512			
HITACHI	HN27128A HN27C256A HN28F101	HN27256 HN27C256H HN28F101C	HN27512 HN27C256G HN28F101CP	HN27C256FP HN28F101P	HN27C101A HN28F101T	HN27C4001	
HOLTEK	HT27C512 HT27LC512	HT27C010 HT27LC010	HT27C020 HT27LC020	HT27C040 HT27LC040			
HYNIX / HYUNDAI	HY2764 HY29F002B	HY2764A HY29F002T	HY29F040	HY29F040A			
ICE	ICE27C512	ICE27C010					
IMT	IM29F001B IM29LV004B	IM29F001T IM29LV004T	IM29F002B	IM29F002T	IM29F004B	IM29F004T	
INFINEON / SIEMENS	SDA2516-5 SDE2516	SDA25256-2 SDE2526	SDA2526-5	SDA2546-5	SDA2586	SDA25X46-5	SDA25X86-5
INTEL	27C256 2816 28F256	2816A 28F256A	2817A 28F512	2864A 28F010	28F020		
ISSI	IS25C01 IS25C128 IS27C256 IS27DV256 IS27HC256 IS27LV256 IS28F010	IS25C02 IS25C256 IS27C512 IS27HC512 IS27LV512 IS28F020	IS25C04 IS27C010 IS27HC010 IS27LV010	IS25C08 IS27C020 IS27HC020 IS27LV020	IS25C16	IS25C32	IS25C64
MACRONIX	MX27C256 MX27C4000 MX27L256 KH29LV004C MX29F001B MX29F022NB MX29F004CB MX29LV002CB MX29LV004T	MX27C512 MX27C4000A MX25L512A KH29LV004C MX29F001T MX29F022NT MX29F004CT MX29LV002CT MX29LV0040	MX27C1000 MX27C8000 MX27L1000 MX29F002B MX29F022T MX29LV002NCB MX29LV0040B	MX27C1000A MX27C8000A MX27L2000 MX29F002NB MX29F040 MX29LV002NCT MX29LV0040V	MX27C1001 MX27L4000 MX29F002NT MX29F040C	MX27C2000 MX29F002T MX29F004B	MX27C2000A MX29F022B MX29F004T MX29LV004CT
MAXWELL	28C010	28C010T					
MICROCHIP	24AA00 24AA04 24AA32AX 24AA515 24C02B 24C32 24FC16 24FC515 24LC00 24LC024 24LC09	24AA01 24AA08 24AA64 24AA1025 24C02C 24C32A 24FC32 24FC1025 24LC01B 24LC025 24LC16B	24AA014 24AA16 24AA64X 24C00 24C04A 24C64 24FC64 24LC014 24LC22A 24LC164	24AA02 24AA164 24AA65 24C01A 24C08A 24C65 24FC65 24LC21 24LC04B 24LC174	24AA024 24AA174 24AA128 24C01B 24C08B 24C128 24FC128 24LC21A 24LC41 24LC32	24AA025 24AA32 24AA256 24C01B 24C16A 24C256 24FC256 24LC211 24LC41A 24LC32A	24AA52 24AA32A 24AA512 24C02A 24C16B 24FC512 24LC02B 24LC08B 24LC32AX

	24LC64 24LC1025 24LCS21 24LCS41A 25AA010A 25AA160 25AA128 25C040 25LC010A 25LC160 25LC128 27C64 27HC64 27LV64 2817 28C16 28C17B 28LV64A 28PC64	24LC64X 24LCS21A 25AA020A 25AA160A 25AA256 25C080 25LC020A 25LC160A 25LC256 27C128 27HC64L 27LV256 2864 28C16A 28C17F	24LC65 24LCS22A 25AA040 25AA160B 25AA512 25C160 25LC040 25LC160B 25LC512 27C256 27HC128 27LV512 28C16AF 28C64A	24LC128 24LCS61 25AA040A 25AA320 25AA1024 25C320 25LC040A 25LC320 25LC1024 27C512 27HC256 28C16F 28C64AF	24LC256 24LCS52 25AA080 25AA320A 25C640 25LC080 25LC320A 27C512A 27HC256L 28C17 28C256	24LC512 24LCS62 25AA080A 25AA640 25LC080A 25LC640 28C17A 28C256F	24LC515 24LCS41 25AA080B 25AA640A 25LC080B 25LC640A 28C17AF
mitsubishi	M5L27256K M5M27C256K M5M28F101	M5L27512K M5M28F101A					
MOSEL-VITELIC	V29C31004B V29C51002T V29LV51000	V29C31004T V29C51004B V29LC51001	V29C51000B V29C51004T V29LC51002	V29C51000T	V29C51001B	V29C51001T	V29C51002B
NATIONAL SEMICONDUCTORS	NM25C020 NM27C64 NM27C040Q NM27LC256 NM27LV512 NM27P512 NMC27C16B NMC27C64Q NMC27C256Q	NM25C04 NM27C128 NM27LC512 NM27LV010 NM27P040 NMC27C16BQ NMC27C64N NMC27C512A	NM25C040 NM27C256 NM27LV010B NMC27C32 NMC27C128B NMC27C010	NM25C041 NM27C512 NMC27C32E NMC27C128BN NMC27C020	NM25C160 NM27C010 NMC27C32Q NMC27C128BQ	NM25C640 NM27C020 NMC27C32B NMC27C256	NM27C040 NMC27C64 NMC27C256BN
NEC	μPD28C64	μPD286256					
NSC	NS2816A 2864						
OKI	MSM2764A MSM27C256 MSM2816A(RS) MSM28C16A	MSM27128A MSM27C256H	MSM27256 MSM27C256ZB	MSM27512 MSMB7C256HZB	MSM271000 MSM27C101ZB	MSM27C2000	MSM27C401CZ
PHILIPS	27C64A	27C256	27C512	27C010	27C040		
PMC	PM29F002B PM29LV002B PM39F512 PM39LV512	PM29F002T PM29LV002T PM39F010 PM39LV010	PM29F004B PM29LV004B PM39F020 PM39LV010R	PM29F004T PM29LV004T PM39F040 PM39LV020	PM29LV104RB PM39F040 PM39LV040	PM29LV104RT	
PSS	PS29FS001 PS29LP001						
RENESAS	HN28F101 LE28VF2001ATS	LE28VF4001ATS					
ROCKWELL	R2816						
SAMSUNG	KM2816A KM28C16 KM28C64I	KM2816AI KM28C16I KM28C256	KM2817A KM28C17 KM28C256I	KM2817AI KM28C17I	KM2864A KM28C64	KM2864AH KM28C64A	KM28C64B
SANYO	LE28F2001ATS	LE28F4001ATS					
SEEQ	2816A DQ2864 DQ28C64 E28C64 M28C64 PQ2864 PQ28C64 DQ28C256	2816AH DQ2864AH DQ28C64A PQ2864H					
SINETICS (PHILIPS)	27C256	27C512	27C010				
SPACE ELECTRONICS	28C010	28C010T					
SPANSION	AM29F002B AM29F002T AM29F040A AM29LV001BB MBM29F001B MBM29F004TC MBM29LV001B	AM29F002BB AM29F004BB AM29F040B AM29LV001BT MBM29F001T MBM29F010A MBM29LV001BB	AM29F002BT AM29F004BT AM29LV010B MBM29F002B MBM29F010A MBM29LV001BC	AM29F002NB AM29F010 AM29LV040B MBM29F002NB MBM29F040 MBM29LV001BT	AM29F002NBB AM29F010A MBM29F002NT MBM29F040B MBM29LV001T	AM29F002NBT AM29F010B MBM29F002T MBM29F040C MBM29LV001TC	AM29F002NT AM29F040 MBM29F004BC
SST	SST28SF040 SST28VF040 SST29SF512 SST29VF512 SST39LF512 SST39LH512 SST39SF512 SST39SF040 SST39VF512 SST49LF002A SST49LF020	SST28SF040A SST28VF040A SST29SF010 SST29VF010 SST39LF010 SST39LFH010 SST39SF512A SST39SF040P SST39VF010 SST49LF002B SST49LF020A	SST28LF040 SST29SF020 SST29VF020 SST39LF020 SST39LH020 SST39SF010 SST39VF020 SST49LF003A SST49LF030A	SST29SF040 SST29VF040 SST39LF040 SST39LH040 SST39SF010A SST39VF020P SST49LF003B SST49LF040	SST39SF020 SST39SF020 SST39VF0040 SST49LF004A SST49LF040A	SST39SF020A SST39SF020A SST39VF0409 SST49LF004B SST49LF040B	SST39SF020P SST49LF008A SST49LF080A
ST	M24128 M24C01 M24M01 ST24C02 ST24W02	M24128B M24C02 ST24C02R ST24W04	M24256 M24C04 ST24C04 ST24W08	M24256B M24C08 ST24C08 ST24W16	M24256-A M24C16 ST24C16	M24C32	M24C64

	ST24E16						
	M2716F	M2716-1F	M2732A				
	M2764	M2764A	M27128A	M27256	M27512		
	M27C64A	M27C256B	M27C512	M27C1001	M27C2001	M27C4001	M27C801
	M27V256	M27V512	M27V101	M27V201	M27V401	M27V801	
	M27W256	M27W256B	M27W512	M27W101	M27W201	M27W401	M27W801
	ST2764A	ST27128A	ST27256				
	ST27C256						
	TS27C64	TS27C64A	TS27C256				
	M28256	M28010	M28010W				
	M28C16	M28C16A	M28C16B	M28C17A	M28C17B	M28C64	M28C64C
	M28C64X	M28C010	M28C010W				
	M28LV64						
	TS28C16A	TS28C17A					
	M28F256	M28F256A	M28F512	M28F101	M28F201		
	M29F512B	M29F002B	M29F002BB	M29F002BNT	M29F002BT	M29F002T	M29F010B
	M29F040	M29F040B					
	M29V040						
	M29W512B	M29W010B	M29W022BB	M29W022BT	M29W040	M29W040B	
	M95010	M95020	M95040	M95080	M95160	M95320	M95640
	M95128	M95256	M95512				
SYNCMOS	F29C31004B	F29C31004T	F29C51000B	F29C51000T	F29C51001B	F29C51001T	F29C51002B
	F29C51002T	F29C51004B	F29C51004T				
	S29C31001B	S29C31001Y	S29C31002B	S29C31002T	S29C31004B	S29C31004T	S29C51001B
	S29C51001T	S29C51002B	S29C51002T	S29C51004B	S29C51004T		
TEXAS INSTRUMENTS	TMS2516	TMS2532	TMS2564				
	SMJ27C256	SMJ27C512					
	TMS27C64	TMS27C128	TMS27C256	TMS27C512	TMS27C010	TMS27C010A	TMS27C020
	TMS27C040						
	TMS27LV010A						
	TMS27PC64	TMS27PC128	TMS27PC256	TMS27PC512	TMS27PC010	TMS27PC010A	TMS27PC020
	TMS27PC040						
	TMS28F512	TMS28F512A	TMS28F010	TMS28F010B	TMS28F020		
	TMS29F256	TMS29F258	TMS29F259	TMS29F010	TMS29F040		
	TMS29LF040						
	TMS29VF040						
TOSHIBA	TMM27256BD	TMM27512AD					
TURBO IC	29C010	29C021					
VLSI	VT27C64	VT27C256	VT27C512				
	VT28H64						
	VT28HC64						
WINBOND	W27C512	W27C010	W27C020	W27C020M			
	W27E256	W27E257	W27E512	W27E010	W27E020	W27E040	
	W27L01	W27L010	W27L02	W27L02P	W27L02Q		
	W29C512	W29C010	W29C011	W29C011A	W29C020	W29C020C	W29C040
	W29EE512	W29EE010	W29EE011	W29EE012			
	W29F002	W29F002B	W29F002N	W29F002U	W29F040		
	W39F010						
	W39L512	W39L010	W39L020	W39L040	W39L040A		
	W39V040A	W39V040B	W39V040C	W39V080A	W39V040FA	W39W040FB	W39V040FC
	W39V080FA						
	W49F002	W49F002A	W49F002B	W49F002N	W49F002U	W49F020	
	W49V002	W49V002A	W49V002FA	W49V002FP	W49V002P		
XICOR	X25C02						
	X25020	X25021	X25040	X25041	X25043	X25045	X25057
	X25080	X25097	X25160	X25163	X25164	X25165	X25166
	X25168	X25169	X25170	X25320	X25323	X25324	X25325
	X25326	X25328	X25329	X25330	X25383	X25384	X25640
	X25642	X25643	X25644	X25645	X25646	X25648	X25649
	X25650	X25128	X25138				
	X25F047	X25F087	X25F008	X25F016	X25F032	X25F064	X25F128
	X2816A	X2816B	X2816C	X2864A	X2864B	X2864H	X28256
	X28010						
	X28C04	X28C16A	X28C16B	X28C16C	X28C64	X28C256	X28C512
	X28C513	X28C010					
	X28HC16	X28HC64	X28HC256				
	X28LC512	X28LC513					
	X28VC256						
	XM28C010	XM28C020	XM28C040				