

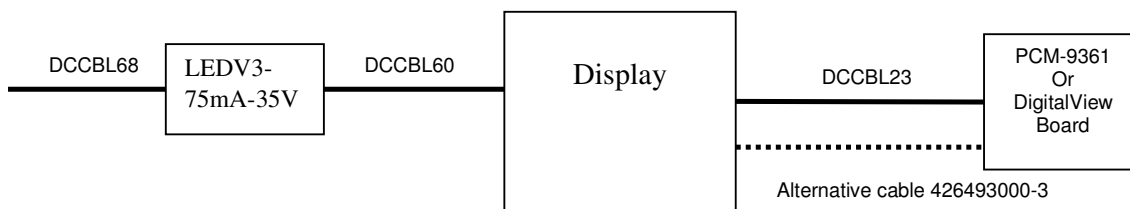
SKIT-NL8048BC19-02C-DV



Electronic Design and Manufacture

Contents:

- LVDS display cable: DCCBL23
- Backlight cable: DCCBL60
- LED Driver: LEDV3-75mA-35V
- LED Driver cable: DCCBL68
- DigitalView cable: 426493000-3



DCCBL23			
NL8048BC19-02C		PCM-9361	
LVDS CONNECTION FI-S20S		CN10 DF13-40DS-1.25C	
Pin	Symbol	Pin	Symbol
1	D3+	33	GND
2	D3-	30	GND
3	DPS	30	GND
4	FRC	29	GND
5	GND	29	GND
6	CLK+	27	CLK+ (Channel 1)
7	CLK-	25	CLK- (Channel 1)
8	GND	23	GND
9	D2+	21	Tx2+ (Channel 1)
10	D2-	19	Tx2- (Channel 1)
11	GND	17	GND
12	D1+	15	Tx1+ (Channel 1)
13	D1-	13	Tx1- (Channel 1)
14	GND	11	GND
15	D0+	9	Tx0+ (Channel 1)
16	D0-	7	Tx0- (Channel 1)
17	GND	4	GND
18	MSL	3	GND
19	VCC	5	Vdd (5v or 3.3v)
20	VCC	6	Vdd (5v or 3.3v)

DCCBL60			
LEDV3 J2 51021-0800 Molex		NL8048BC19-02C CN2 DF19G-8S-1C(05)	
Pin	Symbol	Pin	Symbol
5	OP1+	1	A1
1	OP1-	2	K1
6	OP2+	3	A2
2	OP2-	4	K2
7	OP3+	5	A3
3	OP3-	6	K3
		7	NC
		8	NC

DCCBL68		
Molex KK (or equiv) with 300mm flying leads		
LEDV3 POWER CONNECTION CN1		
Pin	Symbol	Comment
1	GND	GND
2	DIM	200K POT TO GND OPEN FOR MAX BRIGHTNESS
3	ENABLE	CONNECT TO +VIN TO ENABLE
4	+VIN	2.6v TO 16v

Datacraft
Hall Road
Tivetshall St Margaret
Norwich
Norfolk NR15 2BD

T +44 (0)1379 677886
F +44 (0)1379 677886
E sales@datacraft.uk.com
W www.datacraft.uk.com