

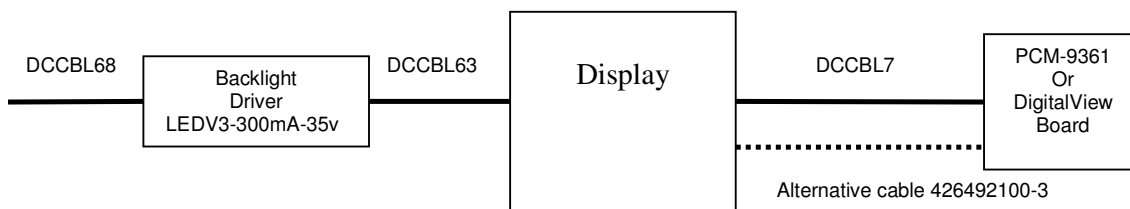
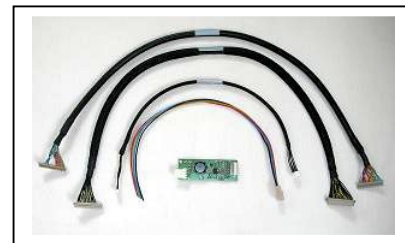
SKIT-LQ150X1LG82-DV



Electronic Design and Manufacture

Contents:

LVDS display cable: DCCBL7
 Backlight cable: DCCBL63
 LED driver: LEDV3-300mA-35V
 LED driver cable: DCCBL68
 DigitalView cable: 426492100-3



DCCBL7			
LQ150X1LG82		PCM-9361	
LVDS CONNECTION		CN10	
DF14G-20S-1C		DF13-40DS-1.25C	
Pin	Symbol	Pin	Symbol
1	VCC	1	Vdd (5v or 3.3v)
2	VCC	2	Vdd (5v or 3.3v)
3	GND	3	GND
4	GND	4	GND
5	D0-	7	TX0- (Channel 1)
6	D0+	9	TX0+ (Channel 1)
7	GND	11	GND
8	D1-	13	TX1- (Channel 1)
9	D1+	15	TX1+ (Channel 1)
10	GND	12	GND
11	D2-	19	Tx2- (Channel 1)
12	D2+	21	TX2+ (Channel 1)
13	GND	17	GND
15	CLK-	25	CLK- (Channel 1)
15	CLK+	27	CLK+ (Channel 1)
16	GND	23	GND
17	D3-	35	TX3- (Channel 1)
18	D3+	37	TX3+ (Channel 1)
19	GND	30	GND
20	MSL	29	GND

DCCBL63			
LEDV3 J2		LQ150X1LG82 MOLEX	
51021-0800 Molex		5013300600	
Pin	Symbol	Pin	Symbol
5	OP1+	1	+ch3
6	OP2+	2	+ch2
7	OP3+	3	+ch1
1	OP1-	4	-ch1
2	OP2-	5	-ch2
3	OP3-	6	-ch3

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