

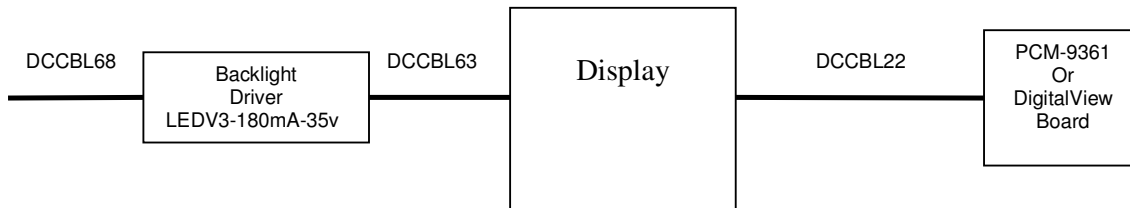
SKIT-LQ121S1LG62



Electronic Design and Manufacture

Contents:

LVDS display cable: DCCBL22
Backlight cable: DCCBL63
LED driver: LEDV3-180mA-35V
LED driver cable: DCCBL68



DCCBL22			
LQ121S1LG62		PCM-9361	
LVDS CONNECTION		CN10	
JAE FI-SE20S		DF13-40DS-1.25C	
Pin	Symbol	Pin	Symbol
1	VCC	1	Vdd (5v or 3.3v)
2	VCC	1	Vdd (5v or 3.3v)
3	GND	4	GND
4	GND	4	GND
5	RxIN0-	7	TX0- (Channel 1)
6	RxIN0+	9	TX0+ (Channel 1)
7	GND	11	GND
8	RxIN1-	13	TX1- (Channel 1)
9	RxIN1+	15	TX1+ (Channel 1)
10	GND	12	GND
11	RxIN2-	19	Tx2- (Channel 1)
12	RxIN2+	21	TX2+ (Channel 1)
13	GND	17	GND
15	RxCLK-	25	CLK- (Channel 1)
15	RxCLK+	27	CLK+ (Channel 1)
16	GND	3	GND
17	RL	2	Vdd = High
18	UD	3	GND
19	GND	3	GND
20	GND	3	GND

DCCBL63			
LEDV3 J2		LQ121S1LG62 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