

Display type: SHARP LQ049B5DH01
 Cable no.: not available
 System: 686LCD/GXm with PLR V.4
 Display driver: Sharp, 640X480, TFTColor, LQ049B5DH01,5 Volt
 Status: Verified

Display connector: Nihon FCI Co., Ltd SFR30R-1STE1

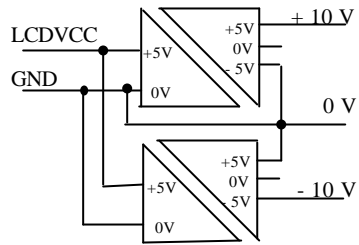
Display connector		JPLCD Connector		Remarks
Pin #	Function	Pin #	Function	
1	VGH	-		+ 10V power supply
2	ENAB	7	M	Enable
3	HVR	1	LCDVCC	H=Normal Video L=Inv. Video
4	B5	25	P7	
5	B4	24	P6	
6	B3	22	P5	
7	B2	21	P4	
8	B1	19	P3	
9	B0	18	P2	
10	VSH	2	LCDVCC	+ 5V power supply
11	VSH	1	LCDVCC	+ 5V power supply
12	G5	37	P15	
13	G4	36	P14	
14	G3	34	P13	
15	G2	33	P12	
16	G1	31	P11	
17	G0	30	P10	
18	GND	29	GND	
19	R5	49	P23	
20	R4	48	P22	
21	R3	47	P21	
22	R2	46	P20	
23	R1	44	P19	
24	R0	43	P18	
25	VGL	-	-	- 10V power supply
26	Vsync	11	FLM	Vertical sync
27	Hsync	10	LP	Horizontal sync
28	Gnd	12	GND	
29	CK	13	SHFCLK	Dot Clock
30	Gnd	14	GND	

Gnd = Pin 6, 9, 12, 14, 17, 20, 23, 26, 29, 32, 35, 38, 45 and 50

Note: Power supply sequence:

Power On : VGL-VSH-VGH (Or at the same time)
 Power Off : VGH-VSH-VGL (Or at the same time)

Example of how to make a +/- 10 Volt power supply.



2 x Newport
NMA0505S
DC-DC Converters