

Display type: PLANAR EL640.480 AD4, DCON Open  
Cable no.: Not available  
System: 686LCD with FPUM-1 and AC-1  
Display driver: PLA 640.480 AD4  
Status: Verified

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<http://www.lcdfriends.com>

Display Pin no.	J1 34-pole conn. Function	Cable Wire no.	JPLCD Pin	connector Function	Remarks
1	GND	1	6	GND	
2	D0	2	33	P12	(LSB)
3	GND	3	9	GND	
4	D1	4	34	P13	
5	GND	5	12	GND	
6	D2	6	36	P14	
7	Not used	7	-	-	
8	D3	8	37	P15	
9	Not used	9	-	-	
10	D4	10	27	P8	
11	Not used	11	-	-	
12	D5	12	28	P9	
13	Not used	13	-	-	
14	D6	14	30	P10	
15	GND	15	14	GND	
16	D7	16	31	P11	(MSB)
17	GND	17	17	GND	
18	VCLK	18	13	SHFCLK	
19	GND	19	20	GND	
20	Blanking	20	-	-	Normal mode
21	GND	21	23	GND	
22	HS	22	7	M	
23	Not used	23	-	-	
24	VS	24	11	FLM	
25	Not used	25	-	-	
26	SELFTST	26	26	GND	
27	COLMAP	27	-	-	Use the DEFMAP jumpers
28	ENABLE	28	4	ENVCC	
29	Reserved	29	-	-	
30	LOWPOW	30	4	ENVCC	Maximum brightness and contrast
31	Not used	31	-	-	
32	Not used	32	-	-	
33	Reserved	33	-	-	No connection
34	Reserved	34	-	-	No connection

Display Pin no.	J2 4-pole conn. Function	Cable Wire no.	Connector pin	connector Function	Remarks
1	Vcc2	-	FPUM-1,CON1 1	VCC	+12V
2	GND	-	FPUM-1,CON1 2	GND	
3	GND	-	JPLCD 29	GND	
4	Reserved	-	-	-	