

Display type: Sharp LQ12S31  
 Cable no.: 72510100  
 System: 686LCD/S (with FPUM-1 if Back Light control is required)  
 Display driver: 800x600, TFT Color, Sharp, LQ12S31, 3.3 V  
 Status: Verified

Display (41-pole conn.)		Cable	JPLCD connector		Remarks
Pin no.	Function	Wire no.	Pin	Function	
1	GND	1	*	GND	
2	DCLK	2	13	SHFCLK	Dot clock
3	GND	3	*	GND	
4	Hsync	4	10	LP	
5	Vsync	5	11	FLM	
6	GND	6	*	GND	
7	GND	7	*	GND	
8	GND	8	*	GND	
9	R0	9	43	P18	
10	R1	10	44	P19	
11	R2	11	46	P20	
12	GND	12	*	GND	
13	R3	13	47	P21	
14	R4	14	48	P22	
15	R5	15	49	P23	
16	GND	16	*	GND	
17	GND	17	*	GND	
18	GND	18	*	GND	
19	G0	19	30	P10	
20	G1	20	31	P11	
21	G2	21	33	P12	
22	GND	22	*	GND	
23	G3	23	34	P13	
24	G4	24	36	P14	
25	G5	25	37	P15	
26	GND	26	*	GND	
27	GND	27	*	GND	
28	GND	28	*	GND	
29	B0	29	18	P2	
30	B1	30	19	P3	
31	B2	31	21	P4	
32	GND	32	*	GND	
33	B3	33	22	P5	
34	B4	34	24	P6	
35	B5	35	25	P7	
36	GND	36	*	GND	
37	DTMG	37	7	M	
38	NC	38	-	-	No connection
39	VCC	39	1	VCC	3.3 Volt
40	VCC	40	2	VCC	3.3 Volt
41	NC	41	-	-	No connection

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