

Display type: NEC NL6448AC33-10
 Cable no.: Not available
 System: 686LCD and FPUM-1
 (Without FPUM-1: short circuit LCDADP pin 1 and 11 and also pin 10 and 12)
 Display driver: 640x480, TFT Color, NEC, NL6448AC33-10, 5V
 Status: Verified

Display	CN1+CN2+CN3	Cable	JPLCD	connector	Remarks
Pin no.	Function	Wire no.	Pin	Function	
1	CLK	1	13	SHFCLK	Dot clock
2	GND	2	12	GND	
3	GND	3	14	GND	
4	Hsync	4	10	LP	
5	Vsync	5	11	FLM	
6	GND	6	45	GND	
7	R0	7	46	P20	
8	R1	8	47	P21	
9	R2	9	48	P22	
10	R3	10	49	P23	
11	GND	11	32	GND	
12	G0	12	33	P12	
13	G1	13	34	P13	
14	G2	14	36	P14	
15	G3	15	37	P15	
16	GND	16	20	GND	
17	B0	17	21	P4	
18	B1	18	22	P5	
19	B2	19	24	P6	
20	B3	20	25	P7	
21	GND	21	26	GND	
22	ACA	22	23	GND	GND => High Luminance
23	BLOFFO	23	8	GP01	+5V => Backlight On
24	GND	24	9	GND	
25	VCC	25	1	VCC	
26	VDD	26	40	VEE	
27	VDD	27	40	VEE	
28	N.C.	28	-	-	No connection
29	GNDB	29	38	GND	Backlight Ground
30	GNDB	30	35	GND	Backlight Ground
31	DE	31	7	M	
32	Mode	32	2	VCC	
33	VCCOFFO	33	4	ENVCC	Power On for Logic
34	GND	34	6	GND	

Display	(2-pole conn.)	Cable	Remarks
Pin no.	Function	Wire no.	
1	BRTH	35	Luminance control, connect to 10 K Ω pot

2	BRTL	36	Luminance control, connect to 10 K Ω pot
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