Display type: Sharp LM32C04P
Inverter no.: Not available
Cable no.: Not available
System: 686LCD with FPUM-1, AC-1 and external power supply
Display driver: SHA 640x480STN, 5V
Status: Not verified

Display Connector		JPLCD connector		Remarks
Term. #	Function	Pin	Connector	
1	YD	11	FLM	Scan start-up signal
2	LP	10	LP	Input data latch signal
3	VSS	12	GND	Ground potential
4	XCK	13	SHFCLK	Data input clock signal
5	VSS	14	GND	
6	DISP	3	ENVEE	Contrast voltage ON (Back Light ON)
7	VDD	1	VCC	Power supply for logic and LCD (+5V)
8	VEE	-	-	connect to external 20 to 29 V DC, see below.
9	VSS	26	GND	
10	D0	25	P7	
11	D1	24	P6	
12	D2	22	P5	
13	D3	21	P4	
14	VSS	20	GND	
15	D4	19	P3	
16	D5	18	P2	
17	D6	16	P1	
18	D7	15	P0	
19	VSS	17	GND	
20	NC	-	-	No connection

When VEE from JPLCD turns on (+12V) then the contrast voltage to the display shall also turn on. The VEE from JPLCD can be used either to power source an external DC/DC converter for generating the contrast voltage or it can operate a relay for connecting the contrast voltage, generated by an external power supply, to the display.