

Display type: OPTREX DMF50081  
 Inverter no.: Not available  
 Cable no.: Not available  
 System: 686LCD with FPUM-2 and AC-2  
 Display driver: SHA LM64K836, 5V  
 Status: Verified

Display	Connector	JPLCD connector		Remarks
Term. #	Function	Pin	Function	
1	FLM	11	FLM	Frame Signal
2	LP	10	LP	Data Latch Signal
3	CP	13	SHFCLK	Clock Signal for Shifting Serial Device
4	M	7	M	Alternate Signal for LCD Drive
5	V <sub>adj</sub>	40	VEE	Power Supply for LCD Control
6	V <sub>cc</sub>	1	VCC	Power Supply for Logic (+5V)
7	V <sub>ss</sub>	6	VSS	Power Supply for (0V, GND)
8	V <sub>ee</sub>	40	VEE	Power Supply for LCD Driving
9	D0	19	P3	Display Data 0
10	D1	18	P2	Display Data 1
11	D2	16	P1	Display Data 2
12	D3	15	P0	Display Data 3
13	Disp off	3	ENVEE	H : Display On L : Display Off (22Ω Pull up)
14	NC	-	NC	No Connection

Inverter 12V DC input shall be connected to FPUM-2 CON1 pin1 (+12V) and pin2 (GND).