

Product Specification

3-2. Interface Connections

This LCD module employs two kinds of interface connection, 30-pin connector is used for the module electronics and 14-pin connector is used for the integral backlight system.

3-2-1. LCD Module

- LCD Connector : FI-X30SSL-HF(manufactured by JAE) or IS100-L30B-C23(manufactured by UJU)
(CN1) Refer to below table
- Mating Connector : FI-X30C2L(manufactured by JAE) or compatible

Table 4. MODULE CONNECTOR(CN1) PIN CONFIGURATION

Pin No.	Symbol	Description	Note
1	V _{LCD}	Power Supply +12.0V	
2	V _{LCD}	Power Supply +12.0V	
3	V _{LCD}	Power Supply +12.0V	
4	V _{LCD}	Power Supply +12.0V	
5	GND	Ground	
6	GND	Ground	
7	GND	Ground	
8	GND	Ground	
9	LVDS Select	'H' = JEIDA , 'L' or NC = VESA	Appendix III-1,-2
10	OPC_Enable	'H' = Enable , 'L' = Disable	
11	GND	Ground	
12	RA-	LVDS Receiver Signal(-)	
13	RA+	LVDS Receiver Signal(+)	
14	GND	Ground	
15	RB-	LVDS Receiver Signal(-)	
16	RB+	LVDS Receiver Signal(+)	
17	GND	Ground	
18	RC-	LVDS Receiver Signal(-)	
19	RC+	LVDS Receiver Signal(+)	
20	GND	Ground	
21	RCLK-	LVDS Receiver Clock Signal(-)	
22	RCLK+	LVDS Receiver Clock Signal(+)	
23	GND	Ground	
24	RD-	LVDS Receiver Signal(-)	
25	RD+	LVDS Receiver Signal(+)	
26	GND	Ground	
27	OPC OUT	OPC output (From LCM)	
28	Ext V _{BR-B}	External VBR (From System)	
29	GND	Ground	
30	GND	Ground	

- Note
1. All GND(ground) pins should be connected together to the LCD module's metal frame.
 2. All V_{LCD} (power input) pins should be connected together.
 3. All Input levels of LVDS signals are based on the **EIA 644** Standard.
 4. Specific pins(pin No. **# 10 & #27~#28**) are used for OPC function of the LCD module.
If not used, these pins are no connection. (Please see the **Appendix III-4** for more information.)