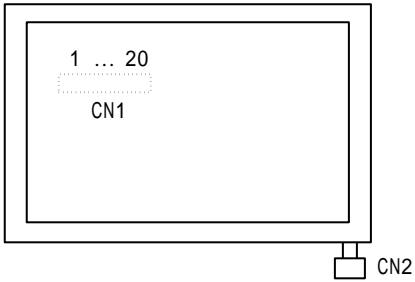


Interface Connections

This LCD employs two interface connections, a 20 pin connector is used for the module electronics and the other connector is used for the integral backlight system.

The electronics interface connector is a model GT122-20P-H13R manufactured by LG Cable. The pin configuration for the connector is shown in the table below.

Table 2 MODULE CONNECTOR PIN CONFIGURATION (LVDS) [CN1]

Pin	Symbol	Description	Notes
1	Vcc	Power (3.3V)	1. Interface chips 1.1 LCD : SN75LVDS88B (TI) (SN75LVDS86 core + Timing Controller) 1.2 System : SN75LVDS86(TI) * Pin to Pin compatible with TI LVDS 2. Connector 2.1 LCD : GT122-20P-H13 R (LG Cable) 2.2 Mating : FI-WEB21P-HF(JAE) or compatible 2.3 Connector pin arrangement 
2	Vcc	Power (3.3V)	
3	GND	Ground	
4	GND	Ground	
5	A0M	Differential Signal	
6	A0P	Differential Signal	
7	GND	Ground	
8	A1M	Differential Signal	
9	A1P	Differential Signal	
10	GND	Ground	
11	A2M	Differential Signal	
12	A2P	Differential Signal	
13	GND	Ground	
14	CLKM	Differential Signal	
15	CLKP	Differential Signal	
16	GND	Ground	
17	NC	No Connection	
18	NC	No Connection	
19	GND	Ground	
20	GND	Ground	

Viewing on Display side

The backlight interface connector is a model BHSR-02VS-1, manufactured by JST. The mating connector part number is SM02B-BHSS-1 or equivalent. The pin configuration for the connector is shown in the table below.

Table 3 BACKLIGHT CONNECTOR PIN CONFIGURATION

Pin	Symbol	Description	Notes
1	HV	Power supply for lamp (High voltage side)	1
2	LV	Power supply for lamp (Low voltage side)	1

Notes: 1. The high voltage side terminal is colored pink. The low voltage side terminal is white.