



SDVO ADD2 Controller Card

DDL-7306 / DDL-7307



Overview:

DDL-7306 / 7307 are SDVO ADD2 cards which plug in PCI Express socket and receive SDVO signals from mainboards integrated in Intel SDVO chipsets like 945G / 965G and also transfer SDVO signals to digital signals for LCD panels. DDL-7307/7306 provide excellent display quality from VGA up to UXGA (1600 x 1200) resolution through LVDS or TTL interface. The DDL-7307/7306 adhere to VESA DVI 1.3 (Digital Visual Interface) specifications and support a wide range of LCD panels including AUO, Chi-Mei, IDTech, Sharp, Fujitsu, Hannstar, CPT, NEC, Toshiba, Samsung, LG, Optrex, and Mitsubishi.

Specifications:

Thine THC63DV161 or Its Compatible Receiver Chip

- Supports from VGA up to UXGA resolutions of TFT panels
- Supports dot clock rate up to 160 MHz
- Supports up to 24-bit true color panels at 1 or 2 pixels/clk mode
- Only 3 data channels and one clock channel
- Backwards compatible interface with the Si101/100 and 141/140

Chrontel SDVO Controller

- SDVO transceiver chip
- Follow Intel SDVO specifications

One 30-Pin LVDS Connector (DDL-7307 only)

- Hirose DF13-30P compatible

One 40-Pin TTL Connector (DDL-7306 only)

- Hirose DF13-40P compatible

Supports +3.3V, +5V, +12V LCD Panel Module

Supports +12V, +5V, and +3.3V Backlight Inverter

LCD Backlight On/Off and Brightness Control

Onboard EDID ROM

- VESA DDC 2B 1.X compatible

Panel Supporting List:

6.5" LCD Panel

- Optrex_T-51750GD065J-FW
- NEC_NL6448BC20-08
- Toshiba_LTA065B0D0F

10.4" LCD Panel

- CMO_G104V1-T01
- NEC_NL6448BC33-59
- Optrex_T51513D104
- Toshiba_LTD104C11S

12.1" LCD Panel

- LG_LB121S1
- NEC_NL8060BC31-17
- Optrex_T51512D12
- Sharp_LQ121S1DG41

15" LCD Panel

- AU_G150XG02
- CMO_G150X1-L01
- NEC_NL10276BC30-15
- Sharp_LQ150X1LW71

17" / 18" / 19" LCD Panel

- AU_M170EG01
- AU_M190EG01
- CMO_M170E5
- Samsung_LTM190E4

Ordering Information:

- DDL-7306-VGA / SVGA / XGA (SDVO ADD2 Input, one TTL connector)
- DDL-7307-VGA / SVGA / XGA / SXGA (SDVO ADD2 Input, one LVDS connector)

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