PCM-3542
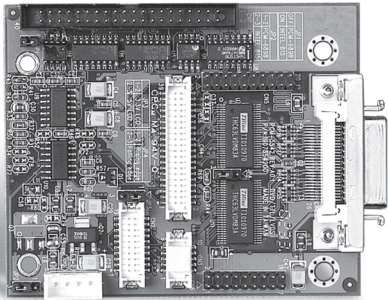
DVO/TTL to LVDS Transmitter Module

Features

- **Direct interface with major chipset, Intel® 815E, VIA 8604, etc., via 12-bit DVO port**
- **Onboard scaling function**
- **Panel type defined by onboard EDID data. Attach utility file provides the flexibility of user programming**
- **LCD power sequence is included. Backlight control signal interface is also provided**
- **Dual channel LVDS connector (D-sub) onboard**
- **Pre-programmed EDID as default data for unique LCD panel and one additional utility to provide different LCD panel type with on-Board programmed flexibility**
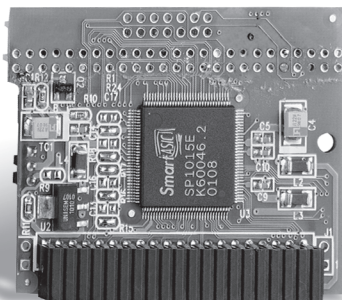
Specifications

TTL panel controller	SP1015E
Resolution	18/24/36/48-bit, up to XGA (1024x768)
LVDS Transmitter	THC63LVDM83A (Optional)
Resolution	18/24/36/48-bit, up to SXGA (1280x1024)
Connector Interface	
Input	40-pin fool-proof header, same DVO port with PCM-6896/ 6898, SBC-659/P
Output	standard dual channel LVDS connector (D-sub) Support 18/24/36/48-bit TTL panel (DF-13 connector) (For DVO in TTL out, or TTL in LVDS out)
Board size	90mm x 96mm (3.55" X 3.775") PC/104 size
Operation Temperature	32˚F ~ 140˚F (0˚C ~ 60˚C)

Ordering Information

- **PCM-3724-A20**
  PC/104 48-channel DIO Module

PCM-3536

DVO TTL Module

Features

- **Direct interface with major chipset, Intel® 815E (PCM-6896, SBC-659/P), VIA 8604 (PCM-6898), etc., via 12-bit DVO port.**
- **Unique scaling capability to support wide range resolution from VGA to XGA including non-standard mode**
  For TTL signal outputs, support 18/24/36/48-bit TFT LCD panel
- **Panel type defined by onboard EDID data. Included utility file provides the flexibility of user programmability**
- **LCD power sequence is included. Backlight control signal interface is also provided**
- **Support 3.3V or 5V LCD panel**

Specifications

	Two DF-13 connectors for 18/24/36/48-bit TFT LCD Panel
	3.3V/5V LCD power is provided
	Pre-programmed EDID as default data for unique LCD panel and one additional utility to provide different LCD panel type with on-board programmed flexibility
	LCD panel can support from VGA to XGA resolution including non-standard mode

Ordering Information

- **PCM-3718H**
  PC/104 12-bit DAS Module with Programmable Gain

1 Compact Board
2 Sub Compact Board
3 Full-Size CPU Card
4 Half-Size CPU Card
5 Media PC
6 Embedded ATX Board
7 PC/104 Module
8 Mini PCI Module
9 Accessory