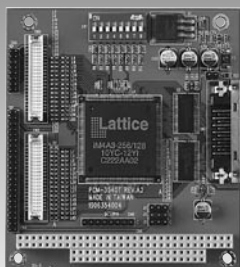


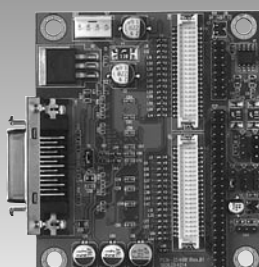
PCM-3540T/R PCM-3521

LVDS Receiver & Transmitter Modules

Flat Panel/CRT Display Module



PCM-3540T LVDS Transmitter Module



PCM-3540R LVDS Receiver Module

PCM-3540T/R



Features

PCM-3540T

- Standard PC/104 form factor
- Supports 18, 24, 36 or 48-bit resolution up to 1024 x 768 TFT LCD
- Transmission distance 2 m, 3 m, 5 m, 10 m, 12 m

PCM-3540R

- LVDS Receiver Module
- Supports 24, 36 or 48-bit resolution up to 1024 x 768 TFT LCD
- Onboard power supply connector
- Supports 3.3 V/5 V LCD

Specifications

PCM-3540T

- Chipset** NS DS POCF363A, DS90C387 or equivalent
- Input LCD Signal** 5 V, 44-pin + 16-pin @ 36 bit;
5 V/3.3 V 40-pin + 40-pin @ 48-bit
- Size/Weight** 96 x 90 mm, 0.056 kg (0.123 lb)
- Temperature** 0 ~ 60° C (32 ~ 140° F), operation

PCM-3540R

- Chipset** NS DS POCF364, DS90C388 or equivalent
- Input LCD Signal** 3.3 V or 5 V, 44-pin + 16-pin @ 36 bit; 5 V/3.3 V,
40-pin + 40-pin @ 48-bit
- Power Supply** +5 V & 12 V (for back light)
- Temperature** 0 ~ 60° C (32 ~ 140° F), operation
- Size/Weight** 72 x 62 mm, 0.029 kg (0.064 lb)

Packing List

- Startup Manual
- CD-ROM (Manual, Driver, Utility)

Ordering Information

PCM-3540T

- PCM-3540T-00B1E** 36/48-bit LVDS Transmitter Module

PCM-3540R

- PCM-3540R-00B1E** 36/48-bit LVDS Receiver Module

Optional Accessories

- PCM-10354-1200** 12 m LVDS cable
- PCM-10354-0203** 2 m LVDS cable (48T to 48R)
- 1700262002** LVDS Cable 26P-48bits/ 26P-36bits 200cm PCM3540
- 1700262003** LVDS Cable 26P-36bits/ 26P-48bits 200cm PCM3540
- 1700001035** LVDS Cable 26P-48bits/ 26P-48bits 200cm PCM3540



PCM-3521



Features

- Supports a wide range of popular flat panel displays and traditional CRT monitors in high resolutions
- A flat panel display and a CRT VGA display can be displayed at the same time
- Onboard variable resistor for panel contrast adjustment

Specifications

General

- Chipset** Asilant® (C&T) 65545
- Video Memory** 1 MB
- Frame Buffer** 512 KB
- LCD Bias Volt. (VEE)** -35 ~ +35 V
(by onboard DC-DC converter)
- Supports LCD Power** 3.3 V/5 V @ 300 mA
- Resolution** Standard Resolution
- B/W panel: 640 x 480 @ 64 gray scales
- Color panel: 640 x 480 @ 24 bpp
- CRT: 640 x 480 @ 24 bpp
Optional Resolution
- B/W panel: 800 x 600 @ 61 gray scales
- Color panel: 800 x 600 @ 8 bpp
- CRT: 800 x 600 @ 8 bpp

Mechanical and Environmental

- Dimension (L x W)** 96 x 90 mm (3.8" x 3.5")
- Weight** 0.08 kg (0.176 lb)
- Temperature** Operating: 0 ~ 60° C (32 ~ 140° F)
Storage: -40 ~ 85° C (-40 ~ 185° F)
- Operating Humidity** 0% ~ 90% relative humidity, non-condensing

Power

- Power Supply Voltage** +5 V, ±5 % tolerance on power supply

Packing List

- 1 x PCM-3521
- 1 x Startup Manual
- 1 x CD-ROM (Manual, Driver, Utility)

Ordering Information

Standard

- PCM-3521-00A1E** Flat panel signal converter module