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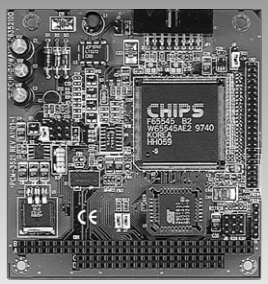
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PCM-3521
PCM-3524

Flat Panel/CRT Display Module

VGA to TV Signal Converter Module



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** Asiliant (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 mm x 90 mm (3.8" x 3.5")
- **Weight** 0.08 kg (0.176 lb)
- **Operating 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

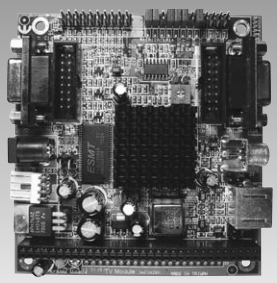
Packing List

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

Ordering Information

Standard

- **PCM-3521-00A1** Flat panel signal converter module



PCM-3524

Features

- Converts RGB and sync from a standard VGA source into broadcast quality NTSC and PAL video
- SMAPTE-170M/CCIR-656 composite and S-video output
- Configuration set by switch

Specifications

General

- **Flicker Filter** 3 line Flicker Buffer
- **MAX Resolution** 640 x 480 60 Hz (NITST, PAL-M)
  800 x 600 50 Hz (PAL-B/G/H/I)
- **Output Connector** Composite and S-video output format
- **Positioning Control** Horizontal and vertical

Mechanical and Environmental

- **Dimension (L x W)** 96 mm x 90 mm (3.8" x 3.5")
- **Weight** 0.09 kg (0.198 lb)
- **Operating 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-3524**
- **1 x Startup manual**
- **1 x CD-ROM (Manual, Driver, Utility)**

Ordering Information

Standard

- **PCM-3524-0000** VGA to TV signal converter module

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