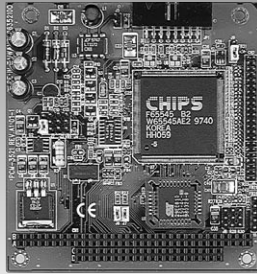


# PCM-3521

# 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** 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 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

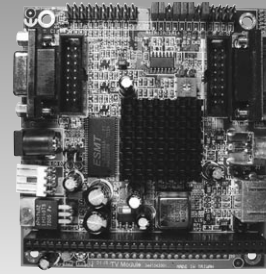
### Packing List

- 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