

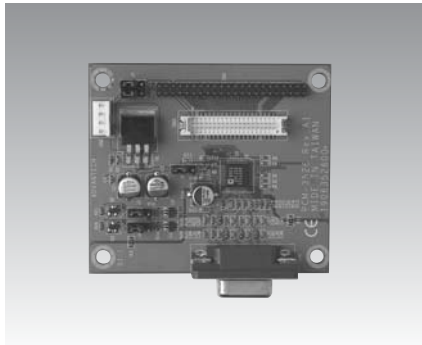
# PCM-3526 PCM-3530 PCM-3292

## 24bit TFT to VGA Module

## Flat Panel Signal Converter Module

## 12-Channel Global Positioning System Receiver Module

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PCM-3526-00A1



### Features

- 24-bit TFT to VGA transfer module
- Suitable for board to Monitor Adapter

### Specifications

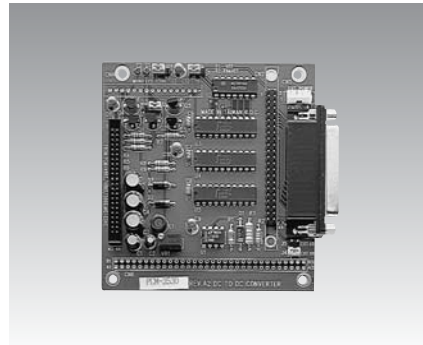
- Chipset** ADV7123KST140
- TFT Input** 24, 18bit TFT
- VGA output** 15-pin D-SUB VGA output
- Resolution** 1024 x 768, 800x600, 640 x 480
- TFT Connector** Hirose or Pin Header
- External Power** +5 V, +12 V
- Temperature** 0 ~ 60° C (32 ~ 140° F), operation, -20 ~ 80° C, operation (optional)
- Operating Humidity** 0% ~ 90% relative humidity, non-condensing
- Size/Weight** 72 x 62 mm/ 0.081 kg (0.018 lb)

### Packing List

- Startup manual
- PCM-3526 board

### Ordering Information

- PCM-3526-00A1** 24-bit TFT to VGA Module



PCM-3530



### 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
- On board variable resistor for panel contrast adjustment

### Specifications

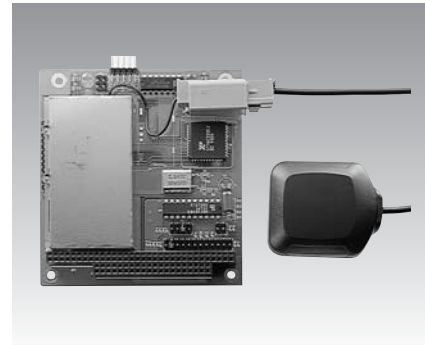
- Input** Enavee, +5 V
- Input Connector** 44-pin, 2.0 mm pitch pin assignment. Can be used with MIC-2340, PCM-4862 and more
- Output** ±40 V
- Output Connector** 40-pin, 2.54 mm pitch
- Maximum** 2 meters (max.) between the flat panel and Distance
- Power Consumption** Transmission converter +5 V @ 1.2 W (typical)
- Power Requirements** +5 V, ±5 % tolerance on power supply
- Size/Weight** 96 mm x 90 mm (3.8" x 3.5"), 0.072 kg (0.159 lb)
- Temperature** Operating: 0 ~ 60° C (32 ~ 140° F)  
Storage: -40 ~ 85° C (-40 ~ 185° F)
- Operating Humidity** 0% ~ 90% relative humidity, non-condensing

### Packing List

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

### Ordering Information

- PCM-3530-0000** Flat panel signal converter module



PCM-3292

### Features

- Extended operating temperatures: -30° C ~ 75° C
- Industrial grade construction: Designed to reliably operate in the harshest environments
- Cost-effective GPS solution: Product improvements made without significant price increase from previous product
- Solid, proven Rockwell 12-channel GPS engine
- Compact and rugged
- Low voltage/low noise operation
- Accurate performance

The PCM-3291/3292 GPS module is designed with sophisticated satellite technology to locate and track any location in the world, in real-time. Using a Rockwell® 12-channel GPS engine that provides differential input for use of DGPS to assure pinpoint accuracy, the PCM-3291/3292 offers a wide range of GPS functions such as position, navigation, satellite and timing information for use in embedded-PC navigation systems. The most notable difference between the PCM-3291 and its competitors is that the operating temperature range has now been extended to cover from -30° C ~ 75° C. Combine this new temperature capability with the rugged industrial grade construction and the new application possibilities become apparent.

### Specifications

- Control Chipset** Rockwell Jupiter
- Receiving Channel** 12-channel parallel
- Receiving Frequency** 1575.42 MHz ± 10 MHz (C/A code)
- Receiving Sensitivity** Under -145 dBm
- Accuracy (position)** 10m CEP (50%)
- Accuracy (velocity)** 0.2m/s (50%)
- Navigation Update Rate** Optional (default 1 second)
- Tracking Performance** Acceleration- up to 4 G
- Time to First Fix** Cold start- 50 seconds, warm start 35 seconds, Quick Start 3 second
- Positioning System** Default, WGS-84
- Power Consumption** + 3 V @ 35 mA
- Power Requirements** 3.3 V ± 5 %, ripples within 50 mVp-p
- Size/Weight** 96 x 90 mm (2.8" x 3.5"), 0.102 kg (.224 lb)
- Temperature** Operating -30° ~ 85° C (-22 ~ 185° F)
- Operating Humidity** 0% to 95% relative humidity, non-condensing

### Packing List

- GPS antenna cable
- Start up manual
- CD-ROM (Manual, Driver, Utility)

### Ordering Information

- PCM-3292-00A1** 12-channel GPS receiver module