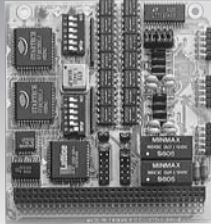


# PCM-3610 PCM-3614/PCM-3618 PCM-3643

Isolated RS-232/422/485 Module

4/8 Port RS-422/485 High-Speed Module

4/8 RS-232 COM Port Module



PCM-3610

CE FCC

## Features

- High speed transmission rate
- Automatic RS-485 data flow control
- Jumper selectable interrupt level
- Supports Windows® 95/98/ME/NT/2000/XP, Linux, Windows® CE driver

## Specifications

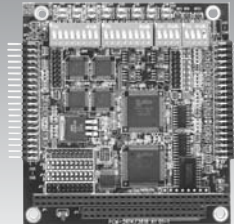
- Channel 1** RS-232,422,or 485
- Channel 2** RS-422, or RS-485
- Baud Rate** 50 ~ 115,200 bps
- Character Length** 5, 6, 7, or 8 bits
- Parity** Even, odd, or none
- Stop Bit** 1, 1.5, or 2
- Interrupt Level** IRQ 3, 4, 5, 6, 7, 9
- I/O Connectors** Dual male DB-9
- Power Consumption** +5 V @ 400 mA (typical)
- Power Requirements** +5 V, ± 5 % tolerance on power supply
- Size/Weight** 96 mm x 90 mm (3.8" x 3.5"), 0.11 kg (0.242 lb)
- Temperature** Operating: 0 ~ 65° C (32 ~ 140° F)  
Storage: -40 ~ 85° C (-40 ~ 185° F)
- Operating Humidity** 0% ~ 90% relative humidity, non-condensing
- Isolation** 1000 V<sub>DC</sub>

## Packing List

- Flat cable 30 cm (9P-10P) (p/n:1701100300)
- CD-ROM (Manual, Driver, Utility)

## Ordering Information

- PCM-3610-B** Isolated RS-232/422/485 Module



PCM-3614/PCM-3618

CE FCC

## Features

- 4/8 independent RS-422/485 serial ports
- Automatic RS-485 data flow control
- Transmission speeds up to 921.6 Kbps
- Shared IRQ settings for each port
- Supports Windows® configuration utility for Windows® 95/98/NT/ME/2000/XP, Windows® CE driver
- Built-in termination resistors
- LED indicators: TX, RX
- Standard PC ports: COM1, COM2, COM3, COM4 compatible

## Specifications

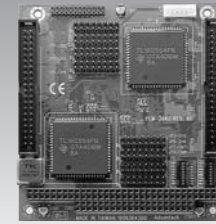
- Bus Interface** PC/104 (ISA)
- Number of Ports** 4 (PCM-3614) /8 (PCM-3618)
- I/O Address** 0 x 000 ~ 0 x 3F8
- UART** 4 x 16C550 (PCM-3614)  
8 x 16C550 (PCM-3618)
- IRQ** 3, 4, 5, 6, 7, 9, 10, 11, 12, 15
- Data Bits** 5, 6, 7, 8
- Stop Bits** 1, 1.5, 2
- Parity** none, even, odd
- Speed (bps)** 50 ~ 921.6 K
- Connectors** 4/8 DB-9 male
- Signal Support** TxD+, TxD-, RxD-, CTS+, CTS-, RTS+ and RTS- 1000 V<sub>DC</sub>
- Surge Protection** Operating: 0 ~ 6° C (refer to IEC-68-1-1, 2)
- Temperature** Storage: -25 ~ 80° C
- Operation Humidity** 0% ~ 90% relative humidity, non-condensing
- Power Consumption** +5 @ 450 mA (PCM-3614)  
+5 @ 650 mA (PCM-3618)

## Packing List

- COM port cable
- CD-ROM (Manual, Driver, Utility)

## Ordering Information

- PCM-3614** 4-port RS-422/485 high-speed module
- PCM-3618** 8-port RS-422/485 high-speed module



PCM-3643

CE FCC

## Features

- 8 port RS-232 support
- RS-232: TX, RX, RTS, CTS, DSR, DCD, DTR, RI
- IRQ selected for each serial port in software
- Share IRQ (4/8 ports share same IRQ)
- Full duplex serial communication
- Jumper selectable interrupt level
- Ribbon cabling from 40-pin headers to standard DB9 connectors provided
- Supports Windows® NT 4.0, Windows® 95/98/2000

## Specifications

- Chipset** Standard 16550, 16650, or 16750 compatible chipsets for serial ports
- Channel** 4/8 port RS-232 support
- Baud Rate** 50 ~ 115, 200 bps
- Character Length** 5, 6, 7 or 8 bits
- Parity** Even, odd, or none
- Stop Bit** 1, 1.5, or 2
- Interrupt Level** IRQ 3, 4, 5, 6, 7, 9, 10, 11, 12 or 15
- I/O Connector** 40 pin header
- Power Consumption** +5 V @ 400 mA (typical)
- Power Requirements** +5 V, ± 5 % tolerance on power supply
- Size/Weight** 96 mm x 90 mm (3.8" x 3.5"), 0.084 kg (0.185 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

- COM port cable
- Start up manual
- CD-ROM (Manual, Driver, Utility)

## Ordering Information

- PCM-3643-08A1** 8 COM RS-232 Port Module
- PCM-3643-04A1** 4 COM RS-232 Port Module

1 System on Module Solutions

2 Single Board Computers and Accessories

3 PC/104 Modules

4 Slot CPU Cards and Accessories

5 AIMB/POS Control Boards

6 Internet Security Platforms

7 Embedded Software

8 Appt