PCM-3614/PCM-3618 PCM-3643

4/8 Port RS-422/485 High-Speed Module
4/8 RS-232 COM Port 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® Compliant 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

General

- **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-
- **Surge Protection**   1000 V_{DC}

Mechanical and Environmental

- **Dimension (L x W)**
- **Weight**
- **Operating Temperature** Operating: 0 ~ 60° C (refer to IEC-68-1-1, 2)
                             Storage: -25 ~ 80° C
- **Operating Humidity**   0% ~ 90% relative humidity, non-condensing

Power

- **Power Consumption**   +5 @ 450 mA (PCM-3614)
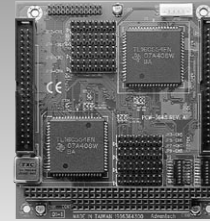   +5 @ 650 mA (PCM-3618)

Packing List

- **1 x COM port cable**
- **1 x CD-ROM (Manual, Driver, Utility)**
- **1 x PCM-3614/3618**

Ordering Information

Standard

- **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
- 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

General

- **Chipset**   Standard 16550, 16650, or 16750 compatible chipsets for serial ports
- **Channel**   4/8 port RS-232 support
- **Baud Rate**   50 ~ 115, 200 bps
- **Charter 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

Mechanical and Environmental

- **Dimension (L x W)**   96 mm x 90 mm (3.8" x 3.5")
- **Weight**   0.084 kg (0.185 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
- **Power Consumption**   +5 V @ 400 mA (typical)

Packing List

- **1 x COM port cable**
- **1 x Start up manual**
- **1 x CD-ROM (Manual, Driver, Utility)**
- **1 x PCM-3643**

Ordering Information

Standard

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