

# PCM-3643

## 4/8 RS-232 COM Port Module



PCM-3643



### Features

- Eight port RS-232 support
- RS-232: TX, RX, RTS, CTS, DSR, DCD, DTR, RI
- IRQ selected for each serial port
- Shared 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                      |                                                                           |
|------------------------------|---------------------------------------------------------------------------|
| Bus Interface                | PC/104 (ISA)                                                              |
| Chipset                      | Standard 16550, 16650, or 16750 compatible chipsets for serial ports      |
| Channel                      | 4/8 port RS-232 support                                                   |
| Baud Rate                    | 50 ~ 115,200 bps                                                          |
| Data Bits                    | 5, 6, 7 or 8-bits                                                         |
| Stop Bit                     | 1, 1.5, or 2                                                              |
| Parity                       | Even, odd, or none                                                        |
| 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 x 90 mm (3.8" x 3.5")                                                  |
| Weight                       | 0.084 kg (0.185 lb)                                                       |
| Temperature                  | Operating: 0 ~ 60° C (32 ~ 140° F)<br>Storage: -40 ~ 85° C (-10 ~ 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

| P/N      | Description                      | Quantity |
|----------|----------------------------------|----------|
| -        | COM port cable                   | x 1      |
| -        | Startup0 manual                  | x 1      |
| -        | CD-ROM (manual, driver, utility) | x 1      |
| PCM-3643 | 4/8 Port RS-232 COM Port Module  | x 1      |

### Ordering Information

| P/N            | Description                |
|----------------|----------------------------|
| PCM-3643-08A1E | 8 x COM RS-232 Port Module |
| PCM-3643-04A1E | 4 x COM RS-232 Port Module |

# PCM-3644

## RS-232/422/485 COM Port Module



PCM-3644



### Features

- Four RS-232/422/485 and 4x RS-485 peripheral expansion application
- 32-bit PCI bus 2.2 Target Signaling Compliance with Plug and Play (PnP) features
- 3.3 V & 5 V Universal PCI
- Shared IRQ settings for each port
- Compliant with Windows® 2000/XP, Linux
- Sleep Mode with Automatic Wake-up
- Standard PC ports: COM1, COM2, COM3, COM4 compatible

### Specifications

| General                      |                                                                           |
|------------------------------|---------------------------------------------------------------------------|
| Bus Interface                | PC/104-Plus (ISA/PCI)                                                     |
| I/O Address                  | 0 x 000 ~ 0 x 3F8                                                         |
| UART                         | 4 x 16C550 (PCM-3614)<br>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 <sub>DC</sub>                                                      |
| Mechanical and Environmental |                                                                           |
| Dimension (L x W)            | 96 x 90 mm (3.8" x 3.5")                                                  |
| Weight                       | 0.084 kg (0.185 lb)                                                       |
| Temperature                  | Operating: 0 ~ 60° C (32 ~ 140° F)<br>Storage: -40 ~ 85° C (-10 ~ 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

| P/N      | Description                    | Quantity |
|----------|--------------------------------|----------|
| -        | COM port cable                 | x 1      |
| PCM-3644 | RS-232/422/485 COM Port Module | x 1      |

### Ordering Information

| P/N             | Description                |
|-----------------|----------------------------|
| PCM-3644-08A1E  | 8 x COM RS-232 Port Module |
| PCM-3644-04A1E  | 4 x COM RS-232 Port Module |
| PCM-3644H-00A1E | 4 x COM RS-422 Port Module |
| PCM-3644I-00A1E | 4 x COM RS-485 Port Module |