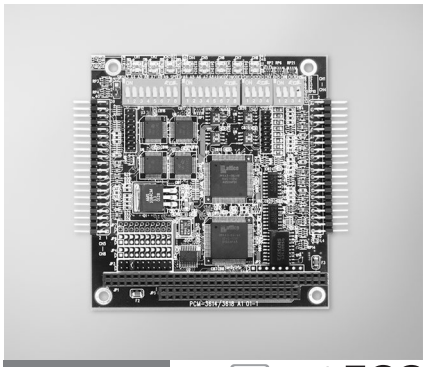
PCM-3618
PCM-3640/3641
PCM-3660

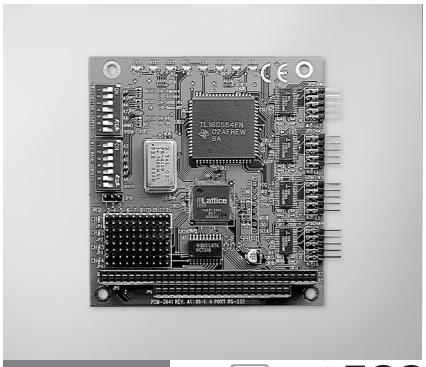
8-port RS-422/485 High-speed PC/104 Module

4-port RS-232 High-speed PC/104 Module

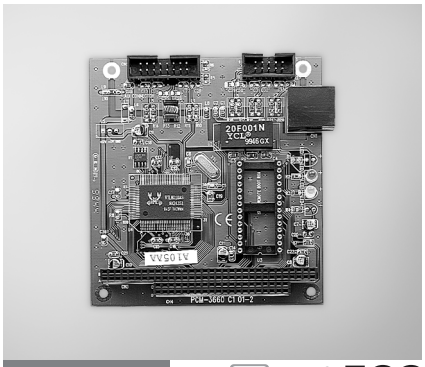
Jumperless Ethernet PC/104 Module



PCM-3618



PCM-3641



PCM-3660

Features

- Automatic RS-485 data flow control
- Shared IRQ settings for each ports
- LED indicators: TX, RX
- Supports Windows 2000/XP/Vista/7
- Supports WinCE 5.0/6.0
- Powerful and easy-to-use utility (ICOM Tools)

Specifications

General

- **Card Interface** PC/104
- **Certification** CE, FCC
- **Connectors** 8 x DB9-M
- **Ports** 8
- **Power Consumption** +5V @ 650 mA

Communications

- **Data Bits** 5, 6, 7, 8
- **I/O Address Range** 0 x 000 ~ 0 x 3F8
- **IRQ** 3, 4, 5, 6, 7, 9, 10, 11, 12, 15
- **Parity** None, Even, or Odd
- **Data Signals** RS-422: TxD+, TxD-, RxD+, RxD-, CTS+, CTS-, RTS+, and RTS-
  RS-485: DATA+, DATA-
- **Speed** 50 bps ~ 921.6 kbps
- **Stop Bits** 1, 1.5, 2
- **Termination Resistor** 120 Ω

Environment

- **Operating Humidity** 0 ~ 90 % RH
- **Operating Temperature** 0 ~ 65°C (32 ~ 149°F)
- **Storage Temperature** -25 ~ 80°C (-13 ~ 176°F)

Ordering Information

- **PCM-3618** 8-port RS-422/485 High-Speed Module

Features

- Transmission speeds up to 460 kbps (PCM-3641)
- Shared IRQ settings for each of 4 RS-232 ports (PCM-3641)
- Standard PC ports: COM1, COM2, COM3, COM4 compatible
- Supports Windows 2000/XP/Vista/7
- Supports WinCE 5.0/6.0
- Powerful and easy-to-use utility (ICOM Tools)

Specifications

General

- **Card Interface** PC/104
- **Certification** CE, FCC
- **Connectors** 4 x DB9-M
- **Ports** 4
- **Power Consumption** +5V @ 200 mA (Typical)
  +5V @ 250 mA (Max)

Communications

- **Data Bits** 5, 6, 7, 8
- **Data Signals** RS-232: TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI
- **I/O Address Range** 0 x 0200 ~ 0 x 03F8
- **IRQ** 3, 4, 5, 6, 7, 9, 10, 11, 12, 15
- **Parity** None, Even, or Odd
- **Speed** 50 bps ~ 460.3 kbps (PCM-3641)
  50 bps ~ 115.2 kbps (PCM-3640)
- **Stop Bits** 1, 1.5, 2

Environment

- **Operating Humidity** 0 ~ 90 % RH
- **Operating Temperature** 0 ~ 65°C (32 ~ 149°F)
- **Storage Temperature** -25 ~ 80°C (-13 ~ 176°F)

Ordering Information

- **PCM-3640** 4-port RS-232 Module
- **PCM-3641** 4-port RS-232 High-speed Module

Features

- Automatically detects 8-bit or 16-bit
- AUI connector supports external MAUs
- Onboard 32 KB buffer for multi-packages

Specifications

General

- **Boot ROM Address** C0000, C8000, D0000, or D8000H
- **Card Interface** PC/104
- **Certification** CE, FCC
- **Connectors** 1 x PC/104 stackthrough
  1 x 10Base-T (RJ-45)
  1 x 16-pin insulation displacement connector for AU1
- **Power Consumption** +5V @ 400 mA max

Communications

- **Data Bus** 8-bit, 16-bit, or auto-sending
- **I/O Address** 200, 220, 240, 260, 280, 2A0, 2C0, 300, 320, 340, 380, 3A0
- **IRQ** 3,4,5,9, 10, 11, 12 or 15
- **Standard** IEEE 802.3 10 Mbps CSMA/CD 10Base-T Transceiver

Environment

- **Operating Humidity** 10 ~ 90% RH
- **Operating Temperature** 0 ~ 70°C (32 ~ 158°F)
- **Storage Temperature** -15 ~ 80°C (5 ~ 176°F)

Ordering Information

- **PCM-3660** Jumperless Ethernet Module

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