MIC-3620
8-port RS-232 Communication CPCI Card

MIC-3680/3680R
2-port Isolated CAN Communication CPCI Cards

MIC-3620/3

CE

MIC-3680R/3   MIC-3680/3

CE
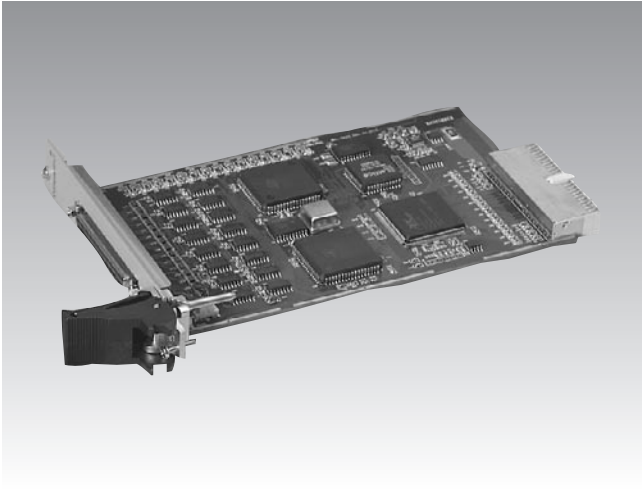
Features

- PCI Specification 2.1 compliant
- Speeds up to 921.6 kbps
- 16C954 UARTs with 128-byte standard
- 8-port RS-232
- Standard Industrial CompactPCI 3U Board size
- I/O address automatically assigned by PCI Plug & Play
- OS support: Windows 98/2000/XP, Linux 2.4
- Interrupt status register for increased performance

Specifications

Communications

- **Communication**   PCI9030 + 16C954 Controller
- **Data Bits**   5, 6, 7, 8
- **Data Signals**   TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND
- **IRQ**   All ports use the same IRQ assigned by PCI Plug & Play
- **Parity**   None, even, odd
- **Speed (bps)**   50 ~ 921.6 k
- **Stop Bits**   1, 1.5, 2

General

- **PICMG Compliance**   CompactPCI V2.0, R 3.0
  Hot swap V2.1, R 2.0
- **Bus Type**   CompactPCI bus specification 2.1 compliant
- **I/O Connectors**   SCSI 68-pin female
- **Dimensions (L x H)**   160 x 100 mm (6.3" x 3.9"), 3U Bracket
- **Power Consumption**   +5 V, +3.3 V, +12 V
- **Operating Temperature**   0 ~ 70° C (refer to IEC68-2-1, 2)
- **Storing Temperature**   -20 ~ 80° C
- **Storing Humidity**   5 ~ 95% Relative Humidity, non-condensing (IEC 68-2-1, 2)

Ordering Information

- **MIC-3620/3**   3U CompactPCI 8-port RS-232 Card
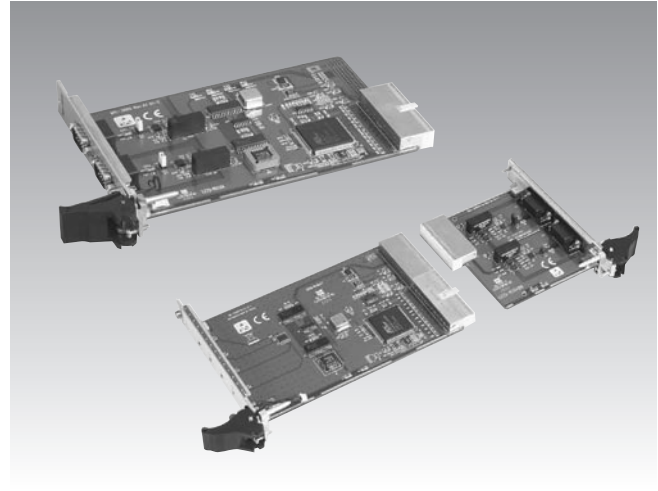
Features

- CompactPCI specification PICMG 2.0 R3.0 compatible
- Hot swap support
- Two individual CAN ports
- Supports CAN2.0 A/B
- High speed transmission up to 1 Mbps
- 16 MHz CAN controller frequency
- Optical isolation up to 2,500 V_{DC}
- Microsoft Windows DLL library and examples included
- Supports Windows 98/ME/2000/XP drivers and utility
- Support Rear IO

Specifications

Communications

- **CAN Controller Frequency**   16 MHz
- **CAN Transceiver**   82C250
- **Communication Controller**   SJA-1000
- **Ports**   2
- **Protocol**   CAN 2.0 A/B
- **Signal Support**   CAN_H, CAN_L, GND
- **Speed (bps)**   Up to 1 Mbps programmable transfer rate

Protection

- **Isolation Protection**   2,500 V_{DC}

General

- **PICMG Compliance**   CompactPCI V2.0, R 3.0
  Hot swap V2.1, R 2.0
- **Bus Type**   CompactPCI
- **I/O Connectors**   2 x DB9-M
- **Dimensions**   160 x 100 mm (6.3" x 3.9")
- **Power Consumption**   5 V @ 400 mA (Typical)
- **Operating Temperature**   0 ~ 65° C
- **Storing Temperature**   -25 ~ 85° C
- **Storing Humidity**   5 ~ 95% RH, non-condensing

Ordering Information

- **MIC-3680/3**   3U CompactPCI 2-port Isolated CAN Communication Card
- **MIC-3680R/3**   3U CompactPCI 2-port Isolated CAN Communication Card with Rear I/O Support