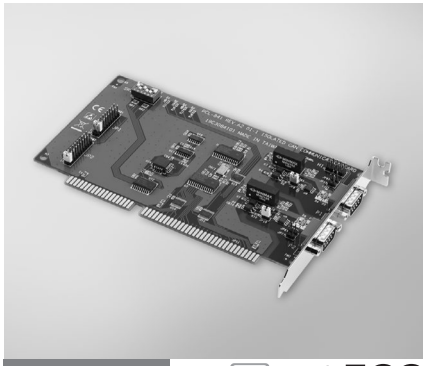
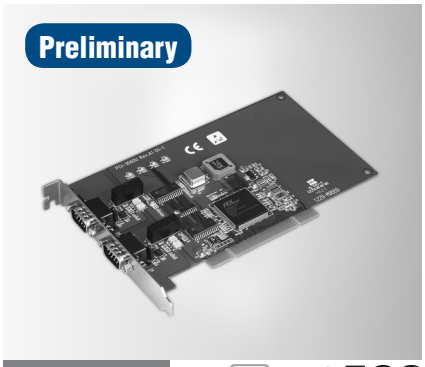
PCL-841
PCI-1680U
PCM-3680/I

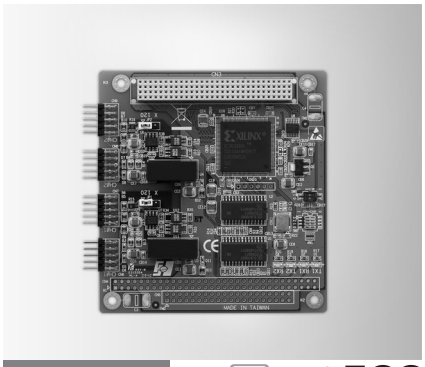
2-port CAN-bus ISA Card with Isolation Protection
2-port CAN-bus Universal PCI Card with Isolation Protection
2-port CAN-bus PC/104 / PCI-104 Module with Isolation Protection



PCL-841



PCI-1680U



PCM-3680I

Features

- Operates two separate CAN networks simultaneously
- High speed transmission up to 500 kbps
- Optical isolation protection of 1000 V_{DC}
- Windows DLL library and examples included
- Wide IRQ selection for each port: IRQ 3, 4, 5, 6, 7, 9, 10, 11, 12, 15
- Supports 32-bit/64-bit Windows 2000/XP/Vista/7 and Linux

Specifications

General

- **Card Interface** ISA
- **Certification** CE, FCC
- **Connectors** 2 x DB9-M
- **Dimensions** 185 x 100 mm (7.3" x 3.9")
- **Ports** 2
- **Power Consumption** 5 V @ 400 mA typical

Communications

- **CAN Controller** SJA-1000
- **CAN Transceiver** 82C250
- **Protocol** CAN2.0 A/B
- **Speed** 500 kbps
- **IRQ** 3, 4, 5, 6, 7, 9, 10, 11, 12, or 15
- **Memory Segment Base Address** **From C800H to EF00H**
- **Signal Support** CAN_H, CAN_L

Protection

- **Isolation Protection** 1,000 V_{DC}

Environment

- **Operating Temp.** 0 ~ 50°C (32 ~ 122°F)

Ordering Information

- **PCL-841** 2-port CAN-bus ISA Comm. Card w/ Iso

Features

- Operates two separate CAN networks simultaneously
- High speed transmission up to 1 Mbps
- Optical isolation protection of 2500 V_{DC}
- Windows DLL library and examples included
- I/O address automatically assigned by PCI PnP
- Supports 32-bit/64-bit Windows 2000/XP/Vista/7 and Linux

Specifications

General

- **Card Interface** Universal PCI
- **Certification** CE, FCC
- **Connectors** 2 x DB9-M
- **Dimensions** 175 x 107 mm (6.9" x 4.2")
- **Ports** 2
- **Power Consumption** 5 V @ 400 mA typical

Communications

- **CAN Controller** SJA-1000
- **CAN Transceiver** TJA1051T
- **Protocol** CAN2.0 A/B
- **Speed** 1 Mbps
- **CAN Frequency** 16 MHz
- **Signal Support** CAN_H, CAN_L

Protection

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

Environment

- **Operating Temp.** 0 ~ 70°C (32 ~ 158°F)

Ordering Information

- **PCI-1680U** 2-port CAN Uni-PCI COMM Card w/Iso

Features

- Operates two separate CAN networks simultaneously
- High speed transmission up to 1 Mbps
- 16 MHz CAN controller frequency
- Optical isolation protection
- Transmit/receive status LED indicators on each port
- Supports wide operating temperature
- Supports 32/64-bit WinXP/Vista/7 and Linux
- Supports WinCE 5.0/6.0

Specifications

General

- **Card Interface** PCM-3680: PC/104
PCM-3680I: PCI-104
- **Certification** CE, FCC
- **Connectors** 2 x DB9-M with cable
- **Dimensions** 90 x 96 mm (3.6" x 3.8")
- **Ports** 2
- **Power Consumption** 5 V @ 400 mA

Communications

- **CAN Controller** SJA-1000
- **CAN Transceiver** 82C250
- **Protocol** CAN2.0 A/B
- **Speed** Up to 1 Mbps programmable transfer rate
- **CAN Frequency** 16 MHz
- **Signal Support** CAN_H, CAN_L

Protection

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

Environment

- **Operating Temp.** -40 ~ 85°C (-40 ~ 185°F)

Ordering Information

- **PCM-3680** Dual-port Iso CAN-bus PC/104 Module
- **PCM-3680I** Dual-port Iso CAN-bus PCI-104 Module