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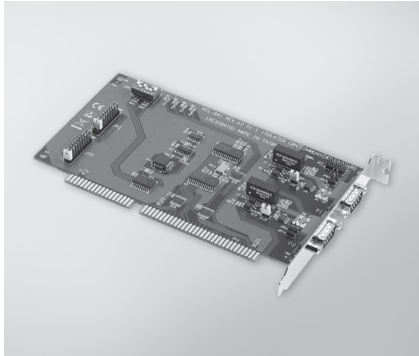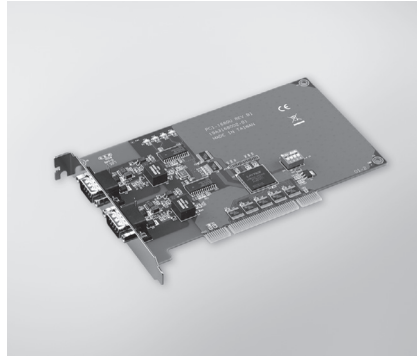# PCI-1680U
PCM-3680/I

2-port CAN-bus ISA Card with Isolation Protection

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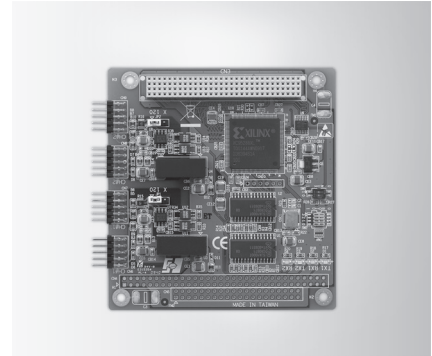
2-port CAN-bus PC/104 / PCI-104 Module with Isolation Protection

PCL-841 — RoHS COMPLIANT 2002/95/EC — CE FCC

PCI-1680U — RoHS COMPLIANT 2002/95/EC — CE FCC

PCM-3680I — RoHS COMPLIANT 2002/95/EC — CE FCC

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

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

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	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)

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)

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 Temperature	-25 ~ 85 °C
Storage Temperature	-40 ~ 85 °C

Ordering Information

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

Ordering Information

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

Accessories

- **OPT1-DB9E-AE** — DB9 to 10-pin wiring board

Ordering Information

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

All product specifications are subject to change without notice

Last updated: 2-Sep-2019