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

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

ISA

CE, FCC

2 x DB9-M

Specifications

General

 Card Interface 	
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- Certification
- Connectors
- Dimensions 185 x 100 mm (7.3" x 3.9")
- Ports
- Power Consumption 5 V @ 400 mA typical

2

or 15

Communications

- CAN Controller SJA-1000
- CAN Transceiver 82C250
- Protocol CAN2.0 A/B
- Speed 500 kbps 3, 4, 5, 6, 7, 9, 10, 11, 12,
- IR0
- Memory Segment Base Address

Signal Support

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

From C800H to EF00H

CAN H. CAN L

Prelimina	ry
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Features

Operates two separate CAN networks simultaneously

ROHS CEFCC

- · 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") 2
- . Ports
- Power Consumption 5 V @ 400 mA typical

Communications

- **CAN Controller** SJA-1000 **CAN Transceiver** TJA1051T CAN2.0 A/B
- Speed .
- **CAN Frequency** .

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/lso



ROHS CEFCC

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

- CAN Controller
- CAN Transceiver
- Protocol Speed

CAN2.0 A/B Up to 1 Mbps programmable transfer rate

CAN_H, CAN_L

SJA-1000

82C250

16 MHz

2,500 V_{DC}

- CAN Frequency Signal Support
- Protection
- Isolation Protection

Environment

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

Ordering Information

- PCM-3680
- PCM-36801

Dual-port Iso CAN-bus PC/104 Module Dual-port Iso CAN-bus PCI-104 Module

Protocol

- - 1 Mbps 16 MHz
- Signal Support CAN_H, CAN_L