

**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**



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| --- | --- | --- | --- | --- |
| **PCL-841** | **RoHS** | **PCI-1680U** | **RoHS** |  |
| **COMPLIANT** | **COMPLIANT** |  |
| 2002/95/EC | 2002/95/EC |  |
|  |  |  |



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| --- | --- | --- |
| **Features** | **Features** |  |
| **** | Operates two separate CAN networks simultaneously | **** | Operates two separate CAN networks simultaneously |  |
| **** | High speed transmission up to 500 kbps | **** | High speed transmission up to 1 Mbps |  |
| **** | Optical isolation protection of 1000 VDC | **** | Optical isolation protection of 2500 VDC |  |
| **** | Windows DLL library and examples included | **** | Windows DLL library and examples included |  |
| **** | Wide IRQ selection for each port: IRQ 3, 4, 5, 6, 7, 9, | **** | I/O address automatically assigned by PCI PnP |  |
|  | 10, 11, 12, 15 | **** | Supports 32-bit/64-bit Windows 2000/XP/Vista/7 |  |
|  |  |  |
| **** | Supports 32-bit/64-bit Windows 2000/XP/Vista/7 |  | and Linux |  |
|  | and Linux |  |  |  |

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| **PCM-3680I** |  |  |  |
|  | **RoHS** |  |
|  |  | **COMPLIANT** |  |
|  |  | 2002/95/EC |  |
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**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 VDC

**Environment**

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

**Ordering Information**

** PCL-841** 2-port CAN-bus ISA

Comm. Card w/ Iso



**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 VDC

**Environment**

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

**Ordering Information**

** PCI-1680U** 2-port CAN Uni-PCI

COMM Card w/Iso

**Accessories**

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

**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 VDC |

**Environment**

**** **Operating Temperature** -25 ~ 85 °C

**** **Storage Temperature** -40 ~ 85 °C

**Ordering Information**

** PCM-3680** Dual-port Iso CAN-bus

PC/104 Module

** PCM-3680I** Dual-port Iso CAN-bus

PCI-104 Module

**Serial Communication Cards**

All product specifications are subject to change without notice Last updated: 2-Sep-2019