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Find the *Molex / Woodhead / SST 5136-DNP-PCI* at our website: *Click HERE*

DEVICENET PCI INTERFACE CARD

Overview

The SST DeviceNet PCI interface card connects your PCI bus computer to DeviceNet.



Applications

Many third party software programs support the SST DeviceNet interface card for various applications including:

- Operator Interface and HMI
- PC Control
- Network Configuration, Troubleshooting and Diagnostics
- I/O Emulation
- Device Development

Features

- Entire DeviceNet Protocol is executed in hardware
- UCMM capable, Group 1, 2, and 3 dynamic explicit connections supported
- Simultaneous execution of Group 2 Client (master) and Server (slave) operation
- All DeviceNet standard baud rates supported: 125, 250, and 500 Kbaud
- Full DeviceNet implementation including Change of State (COS) and explicit messaging
- DeviceNet compliance is ensured at the card level for I/O scanner and device applications

Custom Driver Development

SST provides an open documented memory map interface with example C source code and Windows 32-Bit DLLs and drivers.

Included with SST DeviceNet PCI Interface Card

- DeviceNet Network Analyzer and Monitor Diagnostic Software Tools
- DeviceNet Node Commissioning Tool
- OPC Server
- Custom driver development software
- Microsoft Windows 2000/NT/XP drivers/DLLs
- 24/7 global technical support

DeviceNet™ CONFORMANCE TESTED

ODVA

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Hardware Specifications

- 32 bit, short card (see PCI specification), surface-mount technology PCI interface card
- PCI Specification 2.1 Compliant
- 256 Kbytes shared RAM (16 Kbytes host interface window)
- High performance 40 MHz processor with 512 Kbytes RAM, 512 Kbytes Flash
- Standard PCI interrupts supported
- DeviceNet compatible 5-pin DeviceNet connector
- DeviceNet compatible network status bicolor indicator
- Plug and play drivers included
- Supports connection to non-powered (3 wire) CAN networks with external 12-24 VDC supply
- Compatible with CAN specification 2.0 part A
- Supports CAN data rates up to 1 Mbaud
- Supports all standard DeviceNet data rates: 125, 250, and 500 Kbaud
- Multiple cards can be configured in the same computer
- 500 V optically isolated CAN interface
- Operational temperature: 0 to 50 C (32 to 122°F)
- Storage temperature: -25 to 70C (-13 to 158°F)
- Power requirements: +5 V +/- 5% 400 mA (typical)

Other Reference Materials

Web Site

- Www.mysst.com/sales/cards/devicenet/dn.asp

Related DeviceNet Products

- Network Interface Cards connect various computer bus formats to industrial networks
- Network Diagnostic and Configuration Software
- Network Gateways
- PLC Network Modules connect programmable controllers to industrial networks and I/O devices
- Data Servers include OPC and DDE Servers

Certifications

- DeviceNet Conformance Tested

Affiliations

- Active member of the Open DeviceNet Vendor Association (ODVA)

Ordering Information

- Order part number 5136-DNP-PCI

www.mySST.com

Also available from SST:

Gateways
PLC Modules
Data Servers
Interface Cards
Embedded Solutions
I/O Simulation Software
Diagnostic and Configuration Software

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We buy equipment

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