

SST 5136-DN-104

Devicenet Interface Card



Limited Availability
Used and in Excellent Condition

Open Web Page

<https://www.artisanng.com/65135-2>

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DEVICENET PC/104 INTERFACE CARD

Overview

The SST™ DeviceNet Pro PC/104 interface card connects your PC/104 bus computer to DeviceNet.

Applications

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

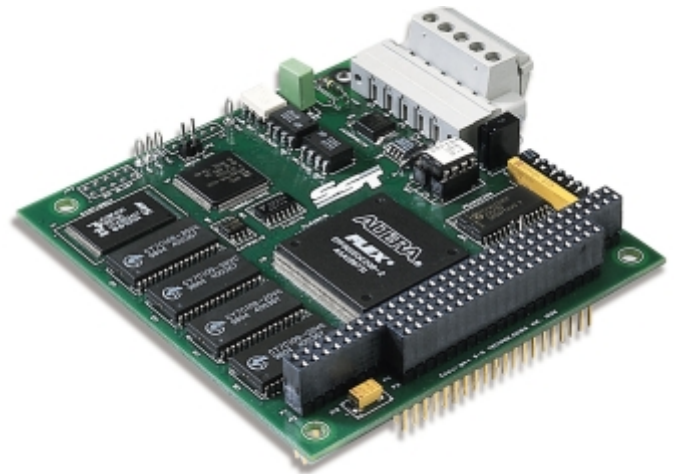
- Operator Interface and HMI
- PC Control
- Network Configuration, Troubleshooting and Diagnostics
- I/O Emulation
- Device Development

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 PC/104 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



Network Interface Cards

www.mySST.com

Hardware Specifications

- Compatible with PC/104 bus
- 256 Kbytes shared host interface memory (16 Kbytes host interface window)
- High performance 40 Mhz processor with 512 Kbytes RAM, 512 Kbytes Flash
- Software configurable interrupts, 2/9, 5, 7, 10, 11, 12 and 15 supported
- DeviceNet compatible 5-pin DeviceNet connector
- DeviceNet compatible network status bicolor indicator
- 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
- DeviceNet Conformance Tested
- Operational temperature: 0 to 60°C (32 to 140°F)
- Storage temperature: -25 to 70°C (-13 to 158°F)
- Power requirements: +5 V +/- 5% 325 mA (typical)

Other Reference Materials

Web Site

- www.mysst.com/cards/devicenet/dn.htm

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-104

Also available from SST:

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

www.mysst.com

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