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TECHNOLOGY GROUP

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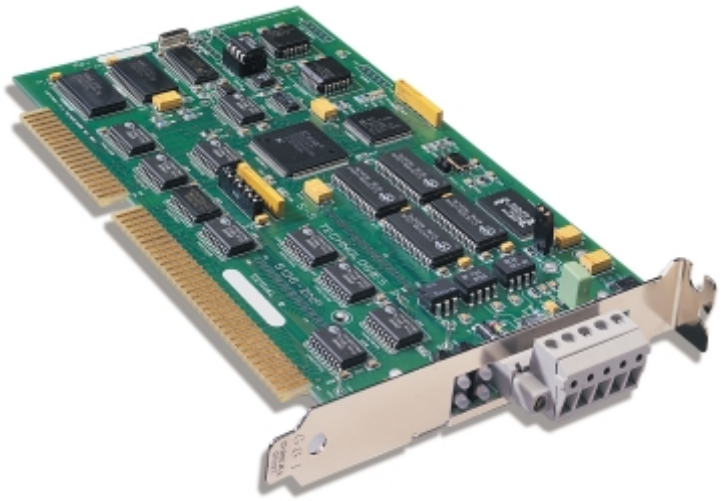
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Find the *Molex / Woodhead / SST 5136-DNP-ISA* at our website: *Click HERE*

DEVICENET ISA INTERFACE CARD

Overview

The SST DeviceNet ISA interface card connects your ISA 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 ISA 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

- 16 bit, half-length interface card, surface-mount technology ISA interface card
- Compatible with ISA (PC/AT) bus
- 256 Kbytes shared RAM (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 network 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% 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-ISA

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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Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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