DeviceNet DN3 Interface Card

For PC/104 Computers

Features

- **DeviceNet Protocol behaviors are executed on the card**

- **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**

- **Supports Poll, Strobe, Change of State (COS) and Cyclic I/O messaging**

- **Provides Client (Master) explicit messaging to slave devices**

- **Custom Driver Development**
  - **Woodhead provides an open documented memory map interface with example C source code and Windows 32-bit DLLs and drivers**

- **Includes:**
  - **Microsoft Windows 2000/NT/XP drivers/DLLs**
  - **24/7 Global technical support**

The SST DeviceNet Generation III (DN3) PC/104 interface card can connect your PC/104 bus computer to DeviceNet networks▲

SST DeviceNet DN3 PC/104 Interface Card

Applications:

Many third party software programs are compatible with the SST DeviceNet interface card for various applications including:

- Operator Interface and HMI
- PC Control
- Device Development

Affiliations:

Active member of the Open DeviceNet Vendor Association (ODVA)

Hardware Specifications

- 16-bit PC/104 compatible (compliant with PC/104, specification 2.3)
- 256 Kbytes shared host interface memory (16 Kbytes host interface window)
- High performance 66 MHz Coldfire processor
- Software configurable interrupts, 2/9, 5, 7, 10, 11, 12, and 15 supported
- DeviceNet compliant 5-pin open screw terminal connector
- Bi-color health, power and communication LEDs
- Isolated physical layer
- Supports connection to non-powered (3 wire) CAN networks with external 12-24 VDC supply
- Compatible with CAN specification 2.0 part A and B
- Supports CAN data rates up to 1 Mbaud
- Operating temperature: 0 to 55C (32 to 131°F)
- Storage temperature: -40 to +85C (-40 to 185°F)
- Power requirements: 425 mA at 5 V typical

Ordering Information

Part No.	Description
SST-DN3-104	PC/104 DeviceNet DN3 Card

For more information or to order, contact your local Authorized Woodhead Software & Electronics Distributor or Woodhead representative.

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