Anybus SST-DN4-PCIe-H



Item number: 1121130012

The Anybus SST-DN4-PCIe-H is a low profile (half-height) PCIe interface card for connecting embedded systems or PCs to DeviceNet or CAN networks. When used on DeviceNet, it can act as a Client (Master) or Server (Slave) on the network. The PCIe card is robust and provides interoperable and reliable communication in diverse industrial applications.

Connects computers and embedded systems to DeviceNet or CAN networks

Features and benefits

Dynamic Connections

UCMM Capable, Dynamic connections supported in groups 1, 2 and 3.

Server/Slave (Group 2 Server) Capabilities

Supports Strobe, Poll, Change-of-State and/or Cyclic I/O messaging as well explicit messaging.

Predefined Master/Slave Connection Set

Can act as following on DeviceNet - Group 2 Client (Master), Group 2 Only Client (Master), Group 2 Server (Slave).

Use in industrial and standard PCs

PC interface board for fixed installation in desktop or industrial PCs, providing reliable connectivity supporting windows.

Flexible Host Interface

Supports both simple ladder logic and high-level language host applications.

CAN based network

Compatible with CAN specification 2A and 2B.

Client/Master (Group 2 Client) Capabilities

Supports Strobe, Poll, Change-of-State and/or Cyclic I/O messaging, explicit messaging (I/O connection not required) and Group 2 Only Slaves & UCMM-capable devices.

Support of DeviceNet/CAN baud rate

Support the standard DeviceNet baud rates 125K, 250K and 500K. As well data rate up to 1M baud for CAN.

PCIe interface

Single-lane (1x) PCI Express interface supports high-speed data transmission, ideal for demanding industrial applications (complaint with PCI Express v2.0).

DeviceNet-compliant 5-pin CAN connector

Using standard 5.08 DeviceNet connector.

Hardware features

Includes 256 KB shared RAM, an isolated CAN physical layer, and bi-color LEDs for status indication.

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General

Net Weight (g)	0.2
Net Dimensions (mm)	Standard half-length, PCI Express card. Low profile (half-height) bracket size, single slot.
Packed Weight (g)	0.2
Operating Temperature °C Min	0
Operating Temperature °C Max	60
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Current Consumption Type Value at Vcc Nom (mA)	300
Power Connector	Other
Isolation	500 Volt
Mounting	PCI Express
Warranty (years)	1

Identification and Status

Product ID	1121130012
Country of Origin	Italy
HS Code	8517620000
Dual Usage	No

Physical Features

Form Factor	PCIe
Contains Battery	No

CAN Features

CAN Supported Functionality	CAN 2.0A Uses 11-bit identifiers CAN 2.0B Uses 29-bit identifiers

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CAN Features

CAN Mode	Supports CAN 2.0A and 2.0B
CAN Baud Rate	Up to 1M baud

DeviceNet Features

DeviceNet Mode	Client/Master (Group 2 Client) or Server/Slave (Group 2 Server)
DeviceNet Supported Functionality	lient/Master (Group 2 Client) Strobe, Poll, Change-of-State and/or Cyclic I/O messaging, explicit messaging (I/O connection not required) and Group 2 Only Slaves & UCMM-capable devices Server/Slave (Group 2 Server) Strobe, Poll, Change-of-State and/or Cyclic I/O messaging as well explicit messaging
DeviceNet Configuration File	EDS available
DeviceNet Baud Rate	125-500 kbps

Certifications and Standards

cULus	Yes