

CAN-PCI2

Active CAN/ CANopen Interface for PCI Expansion Slots

CAN



PRODUCT DESCRIPTION

PCI based active CAN card with two independent CAN/CANopen interfaces, for a reduced host load and higher performance.

FEATURES

Host Interface

- 32 bit PCI slave only board
- 3.3 V / 5 V PCI interface
- 33 MHz bus clock frequency
- Short form PCI factor, only one slot needed

External Interface

- Up to 2 CAN interfaces with SJA1000 CAN controllers
- MC68332 processing unit with 20 MHz
- 256 kB SRAM, 16 bit wide
- 64 kB DRAM, 16 bit wide
- 128 kB Flash EPROM, 16 wide
- 11 bit ID and 29 bit ID CAN specifications supported
- 9-pin D-SUB connector for each CAN interface at PCI bracket
- On-board line termination 120 Ω; enabled by jumper or software
- 2 x diagnostic LEDs (green/yellow) per interface

Environment

- Power requirements +5 V (±5 %), max. 1050 mA
- Operating temperature range 0...70 °C
- Non-operating temperature range -20 °C... 75 °C
- Humidity 0...80 %, non-condensing
- Dimensions (w x d) 174 x 106 mm
- Weight approx. 150 g

Software

- Supported Operating Systems: Windows, Linux, QNX, VxWorks

Options

- Isolated CAN, 500 V isolation barrier