

CANpro/104-Plus Opto

Controller Area Network

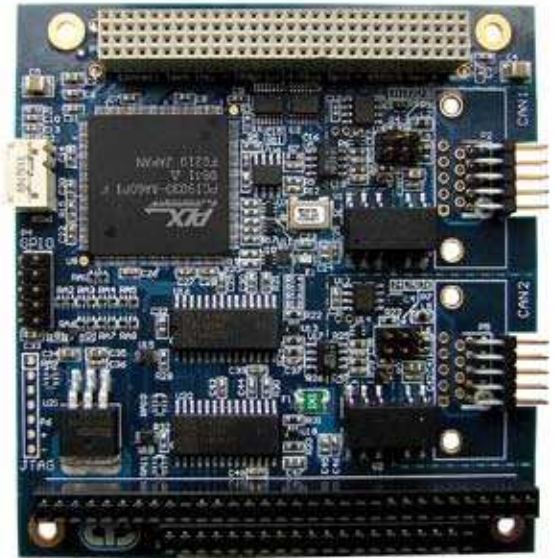
CANpro/104-Plus Opto

Features

- PCI-104 2.2 compliant, two port CAN controller card featuring two independent SJA1000 controllers
- 16MHz CAN clock
- 3kV optical isolation for each CAN port from the host system
- Memory mapped addressing (no jumpers required) to save your system's valuable I/O space
- Output slew rate limiting for lower radiated emissions
- On-board CAN bus termination
- High input impedance transceivers support over 110 nodes on the bus
- Decoded address range is configurable for BasicCAN or PeliCAN modes
- Operating temperature range of -40°C to 85°C
- RoHS compliant

Specifications

Number of Ports	2 ports
CAN Controllers	Two CAN 2.0B compliant SJA1000 controllers
I/O Connectors	standard: 2 x 10 pin headers optional: DB-9
GPIO	8-bit 3.3V I/O header
I/O Power Output	125mA per port
CAN Controller Clock	16MHz
PCI Interface	PLX 9030
Optical/Power Isolation	3kV for each CAN port from the host system
Decoded Address Range	Each SJA1000 will have a register space of: BasicCAN: Full 32 byte PeliCAN: Full 128 byte
Dimensions	Fully PCI-104 compliant
Environmental	Operating Temperature: -40° C to 85° C (-40° F to 185° F) Storage Temperature: -40° C to 125° C (-40° F to 257° F) Humidity: 95% non-condensing
Bus Interface	PC/104-Plus (PCI-104 optional)
Software Compatibility	Contact Connect Tech for the most current list
CAN Transceivers	Support 1.0 Mbps operation and more than 110 nodes on the bus
System Requirements	+5V DC 500mA (max.) Power on CAN connectors may draw up to an additional 1A



CANpro/104-Plus Opto offers two powerful NXP SJA1000 CAN controllers and 3kV optical isolation to provide maximum protection for your industrial control applications.

An extension of Connect Tech's current CAN controller product line, CANpro/104-Plus Opto is based on a PC/104-Plus bus. The design frees up valuable I/O space offering you greater flexibility within your embedded system. For even more I/O, CANpro/104-Plus Opto includes an 8-bit GPIO header.

Dependability, high data rates, network control capabilities and 3kV optical isolation protection make CANpro/104-Plus Opto the ideal choice for industrial control applications that are exposed to harsh conditions or environments. Lifetime warranty and free technical support is included.



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