

InduCAN 104

The InduCAN104 is a peripheral board that accesses CAN field bus applications via the PC104 port.

The single opto-isolated channel and its DC/DC converter allows integration into any kind of industrial environment with specific applications.

The InduCAN 104 presents a cost-effective solution for systems that do not require an onboard microprocessor or memory for buffering.

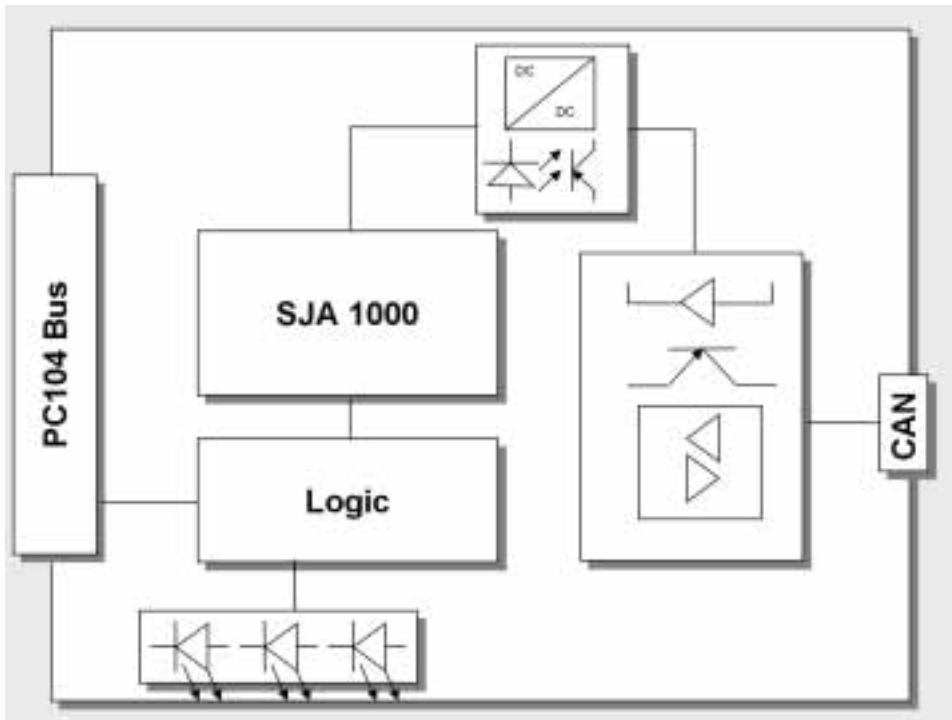


FEATURES

- Easy interfacing among PC104 systems and CANbased networks
- Sustains a CAN-Data rate up to 1 MBit/s
- Mounted SJA 1000 is compatible with 2.0 A and 2.0 B CAN protocol
- Jumper-selectable address range and hardware interrupt
- Supports easy software implementation via direct address mapping

HIGHLIGHTS

- Ideal CAN interface platform for industrial use
- Quick installation and easy to handle operation
- Compact board dimensions
- Designed for rough industrial applications
- 64 Byte CAN-message buffer
- Connector to CAN via HE 10-pin connector
- Onboard DC/DC converter and optocoupler for galvanic decoupling



SPECIFICATIONS

General Characteristics

- Physical dimensions: 96 mm x 92 mm
- Power supply: Via PC104 connector
- Power consumption: +5 V 3% @ 250 mA
- Temperature range: 0 to +70° C

Connectors

- Power supply: PC104 connector
- Network: HE 10 pin connector
- PC: PC104 connector

Network protocol interfaces

- Internal: SJA 1000

Network physical interfaces

- Internal: ISO 11 898 (82C250)
- optional: ISO 11 898 (82C250) incl. galvanic decoupling between PC and BUS Driver

Jumpers

- Addresses: BasicCAN 0x280
PeliCAN 0x280, 0x680
0xA80, 0xE80
- Interrupts IEQ 3-5, 7, 9-12

GENERAL INFORMATION

- Hardware requirements:
 - PC104 system
- Software requirements:
 - MS-DOS 3.0 or higher, Windows 3.x, Windows 9x
- Knowledge requirements for design of own applications :
 - Experience in using PC104 systems and programming Pcs
 - Network protocols (CAN)

PRODUCT INCLUDES

- 1 x InduCAN104 board
- Manual and circuit diagram
- Driver for:
 - DOS
 - Windows 3.x
 - Windows 9x

ORDERNUMBERS

- TAT 1101 201 HW
- TAT 1101 401 Set
- TAT 1101 202 opto isolated HW
- TAT 1101 402 opto isolated Set