

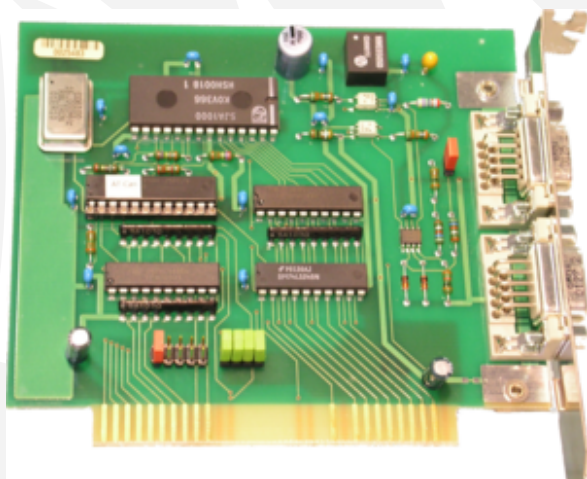
AT-CAN-MINI

Highlights

- plain Basic-CAN/PeliCAN interface
- galvanically isolated from the PC
- connectors compatible with ISO/DIS 11898 and CiA recommendations

Description

The component *AT-CAN-MINI* is a plain Basic-CAN/PeliCAN interface for PC-AT bus compatible systems.

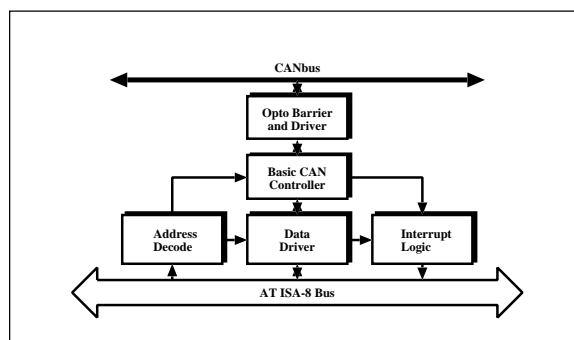


The component is suitable for all kind of applications, where the main processor provides sufficient computation power to serve the Basic-CAN/PeliCAN interface in an application specific manner.

The PC-CAN interface is realised as a short PC card for ISA bus.

The CAN bus interface is galvanically isolated from the PC.

The card with interrupt ability uses 32 I/O addresses of the PC. The starting address and also the interrupt line are configurable by jumpers.



The interface to the CAN bus is provided by connectors compatible with ISO/DIS 11898 and CiA recommendations.

Technical Data

| | |
|-------------------|--------------------------|
| Power supply | 5,0 V, approx. 250 mA |
| Base address | configurable |
| Interrupts | configurable |
| CAN-Controller | SJA1000 |
| Temperature range | 0 - 50 °C |
| Humidity | max. 90%, non-condensing |
| Size | 100 mm x 80 mm |
| Weight | approx. 100 g |
| PC bus interface | ISA-8 |
| CAN connector | D-SUB-9m and D-SUB-9f |
| | CiA-DIS 102 |

Scope of Delivery

- board AT-CAN-MINI
- manual

Ordering Information

0530/01 AT-CAN-MINI
0530/13 can4linux Device Driver

Engineering Services

port is providing engineering services and trainings for our business activities:

- CAN and CAN-based protocols: CANopen, J1939, DeviceNet
- Industrial Ethernet Protocols: POWERLINK, EtherNet/IP, EtherCAT
- Implementation of devices according to CANopen device profiles
- VHDL based solutions for industrial applications
- application specific implementations or enhancements
- embedded LINUX projects

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