

CAN-USB

Passive CAN / CANopen Interface for USB Ports

CAN



PRODUCT DESCRIPTION

USB based CAN adapter with one independent CAN/CANopen interface for flexible and portable usage,

FEATURES

Host Interface

- USB (FTDI FT245B, full speed USB)
- Atmel ATmega 128 RISC microcontroller
- 4 kB SRAM, (MCU internal) + 60 kB (external)
- 128 kB Flash
- 16 MHz clock frequency

External Interfaces

- 1x CAN interfaces with SJA1000 CAN controllers
- 11 bit ID and 29 bit ID CAN specifications supported
- 9-pin D-SUB connector
- On-board line termination 120 Ω ; enabled by software
- 4 x diagnostic LEDs
- Isolated CAN, 500 V isolation barrier
- ISO/DIS 11898-2

Environment

- Power requirements +5 V ($\pm 5\%$), max. 250 mA
- Operating temperature range 0...70 °C
- Non-operating temperature range -20 °C..80 °C
- Humidity 0 ... 80 %, non-condensing
- Dimensions (h x w x d) 20 x 53 x 55 mm
- Weight approx. 50 g (without cabling)

Software

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