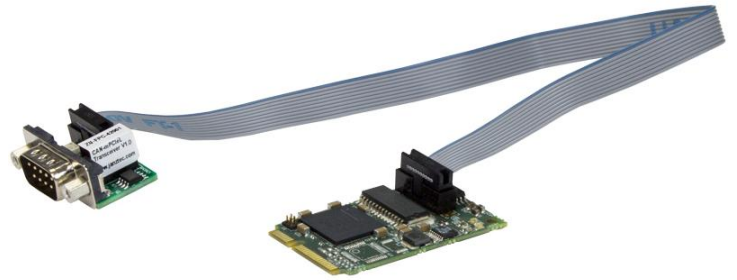


# CAN-mPCIeL

## Passive CAN/CANopen Interface for PCI Express Mini Card Sockets

# CAN



### PRODUCT DESCRIPTION

mPCIe x1 based CAN card with one independent CAN-/CANopen interface without dedicated processing unit.

### FEATURES

#### Host Interface

- PCI Express (x1), Gen. 1; (PCI Express Mini Card 1.2)
- Card type F2
- INT A# legacy and MSI interrupts

#### External Interfaces

- 1 x CAN 2.0 b interface with SJA1000 CAN controller
- 11 bit ID and 29 bit ID CAN specifications supported
- Physical layer ISO/DIS 11898-2
- Up to 1 Mbit/s data transfer rate
- Opto-isolated
- 9-pin D-SUB connector
- On-board line termination 120 Ω; Enabled by software
- 2 x status LEDs (green/yellow)

#### Environment

- Power requirements +5 V (±5 %), max. 500 mA
- Operating temperature range -40 °C...70 °C
- Non-operating temperature range -40 °C...+85 °C
- Humidity 0...80 %, non-condensing
- Dimensions (w x d) 59.8 x 30 mm
- Weight approx. 25g

#### Software

- Supported Operating Systems: Windows, Linux

#### Options

- CANopen protocol stack
- Software development kit