

CAN-PCIe/FD

CAN-FD Interface for PCI Express Expansion Slots

CAN



PRODUCT DESCRIPTION

PCIe x1 based active CAN-FD card with up to 4x independent CAN-FD interfaces with Xilinx FPGA processing unit.

FEATURES

Host Interface

- x1 PCI Express
- PCIe Gen 2.0 compliant with up to 1 GB/s

External Interface

- Xilinx Zynq XC7Z015, 400 MHz
- 512 MB DDR3, 16 bit
- 2 x CAN-FD interfaces (DSUB-9)
- On-board line termination 120 Ohm software controlled
- ISO/DIS 11898-2 CAN-FD (up to 8 Mbit/s by MCP2561FD transceiver)
- 2 x diagnostic LED (green/red)

Environment

- Power requirements 3.3 V
- Operating temperature range 0...70 °C
- Non-operating temperature range -40 °C... 85 °C
- Humidity 0...80 %, non-condensing
- Dimensions (w x d) 99,8 x 88,3 mm
- Weight approx. 80 g

Software

- Supported Operating Systems: Windows, Linux

Options

- 2 additional CAN-FD interfaces with transceiver cable