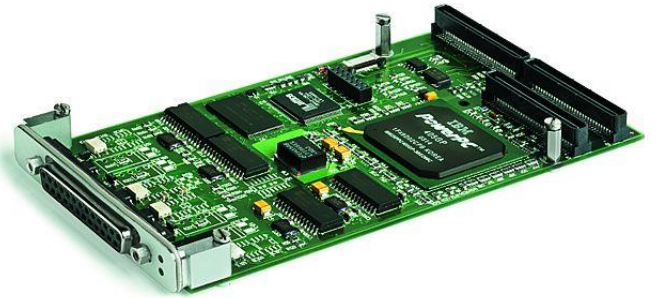


CAN-PMC/ FD

CAN-FD Interface for **CAN** n Sockets



PRODUCT DESCRIPTION

PMC expansion card for VME carrier cards with 32bit interface and 4 independent CAN-FD interfaces with Xilinx FPGA and 512 MByte DDR3

FEATURES

Host Interface

- Single PMC mezzanine slot required
- 32 bit PCI bus (PMC form factor)
- 3.3 V / 5 V 32 bit PCI interface
- 33 MHz bus clock frequency

External Interfaces

- CAN-FD
- Xilinx Zynq XC7Z015, 400 MHz
- 4 x CAN-FD interfaces
- on-board line termination 120 Ohm
- software controlled
- ISO/DIS 11898-2
- CAN-FD up to 8 MBit/s
- (MCP2561FD transceiver)
- 25- pin D-SUB on front panel
- 2 x diagnostic LED (green/yellow)

Memory

- 512 MB DDR3, 16 bit

Environment

- Power requirements: 3.3 V / 5 V
- Operating temperature range 0...70 °C
- Non-operating temperature range -20 °C... 80 °C
- Humidity 0...80 %, non-condensing
- Dimensions (w x d) 149 x 74 mm
- Weight approx. 80 g

Software

- Supported Operating Systems: Windows, Linux