MS-26CAD-T10

Dual Isolated CANbus 2.0B Xpansion Module With 6/8-bit Isolated DIO, G-sensor, mPCIe

Features

- Isolated CANbus 2.0B backward compatible with 2.0A
- Support high speed CAN to 1M bps
- Termination resistor enabled/disabled by dip switch
- Built-in G Sensor & 6/8-bit Isolated DIDO
- Full/Half Size mPCIe slot with Nano SIM slot

Specification

General

- Form Factor: Proprietary
- Input Connector: Xpansion slot (For MX1/MX2/MP1-D Xpansion Socket)
- Output Connector:
  1. 10-pin Terminal Block (DIDO)
  2. 3-pin Terminal Block (CANbus Port#1 and CANbus Port#2)
- Internal IO:
  Full/Half Size mPCIe Slot with Nano SIM slot

Feature

- Support baud rate 10/20/50/100/250/500/800/1000K
- Compliant with 11-bit identifier (CAN 2.0A standard format, SFF) & 29-bit identifier (CAN 2.0B extended format, EFF)
- 120 ohm Termination resistor enabled/disabled by dip switch
- 6-bit (MP1-D) / 8-bit (MX1/MX2) Isolated DIDO (3 or 4 x Digital Input, 3 or 4 x Digital Output)
- Built-in G sensor (Only support MP1 model)

Protection

- Isolation Power Protection: 2.5 KV
- Surge Protection: 2.5 KV
- ESD Protection: 8 KV (Contact), 15 KV (Air)

Environmental

- Operating Temperature: -40 ~ 85°C
- Storage Temperature: -40 ~ 85°C
- Operating Humidity: 10% ~ 90% R/H (Non-condensing)

Software

- OS Support: Microsoft® Windows® 11, Windows® 10; Support Linux Driver (by version and request) and Demo code

Ordering Information

- Module Kit P/N: 5411N8060001, including
  1. MS-26CAD-T10 Xpansion Module
  2. 2 x 5-pin Terminal Block Male Connector
  3. 2 x 3-pin Terminal Block Male Connector
  4. Xpansion I/O door metal plate