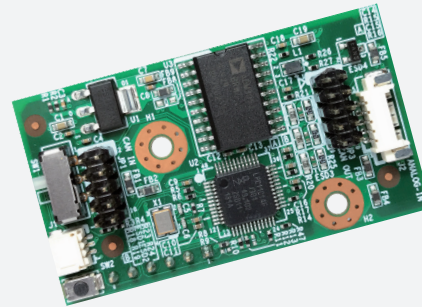


VIOX-CAN01



VTK-CAN-03

Main Features

- 1 x SAE J1708 or J1939/1 x CAN 2.0B or SAE J1939 supported (by module)
- Proprietary form factor to release a mini-PCIe slot for additional application
- Support bit rate up to 100 kbps~1 Mbps
- Wide-range operating temperature
- ESD and electrical protection

Product Overview

VIOX-CAN01/VTK-CAN-03 module is a one-port high-speed CAN interface for UART with proprietary form factor design to release a mini-PCIe slot for additional application. It is easy and quick installation on device to communicate with the vehicle ECU. It complies with standard CAN 2.0B with bit rate up to 1Mbit/s and followed the corresponded protocol. To satisfy server vehicles environments, VIOX-CAN01/VTK-CAN-03 module can be operated on a wide-range operating temperature from -40°C to 85°C. Besides, it is built-in ESD level $\pm 8\text{KV}/15\text{KV}$ (contact/air) according to IEC 61000-4-2 to protect the system.

Specifications

Form Factor

- Proprietary

I/O Connector

- Dual 2 x 5-pin internal header

Function

- VIOX-CAN01
 - 1 x SAE J1708 or SAE J1939 protocol supported
- VTK-CAN-03
 - 1 x CAN 2.0B or SAE J1939 protocol supported (selection by switch)

Dimensions

- 50mm (L) x 28mm (W) (1.96" x 1.1")
- Weight: 8g

Environment

- Operating temperatures: -40°C~85°C
- Storage temperatures: -40°C~90°C
- Related humidity (with system chassis): 5%~90%

Electrical Protection

- IEC 61000-4-2 electrostatic discharge (ESD): $\pm 8\text{KV}/15\text{KV}$ (contact/air)

Software

- Driver and SDK

Ordering Information

♦ VIOX-CAN01 (P/N: 10VKOBD1100X0)

Be used for VTC 1010/VTC 6210/VTC 72XX/VMC series/MVS series (by request). 1 x SAE J1708 or SAE J1939 module, proprietary form factor, UART interface

♦ VTK-CAN-03 (P/N: 10VK00CAN01X0)

Be used for VTC 1010/VTC 6210/VTC 72XX/VMC series/MVS series (by request). 1 x CAN 2.0B or SAE J1939 module, proprietary form factor, UART interface