TouCAN

Non-Serial Port Class Device

Equipped with powerful Cortex M4 100 MHz CPU and CAN interface galvanic 2500-VRMS Isolation, TouCAN incorporates zero frame-loss functionality even when delivering data at 1Mbit/s speed. Device contains a data buffer for 20000 frames, which ensures a back-up if connectivity loss is experienced. The adapter flawlessly works on Windows 32bit and 64bit versions, device supports extended Microsoft descriptors specification. TouCAN also supports Linux SocketCAN.

Main Features

- Unlimited number of TouCAN devices can be connected for simultaneous use on one PC
- Zero Frame Loss
- Timestamp resolution = 1uS
- Data Buffer for 20000 Frames
- Plug & Play

General

CPU	Cortex M4 100 MHz
Firmware upgrade	Via USB DFU Bootloader
LEDs	2 external LEDs, for device status detection
PC Interface	USB 2.0 FS
CAN bus interface connector	DB - 9 male
OS	Windows 7,8,8.1,10. Linux socketCAN
Supported Library	Open source CANAL API DLL for Windows

Can Bus

Standard	Compliant with physical layer standard ISO11898-2
Identifiers	Compliant with CAN specifications 2.0A (11-Bit ID) and 2.0B (29-Bit ID)
CAN Interface	1
CAN Bit Rate	10 kbit/s to 1 Mbit/s or custom
Loopback Mode	Yes
Silent Mode	Yes
Programmable CAN Frame Delay	Yes
CAN Bus Error Detection	Yes
CAN PHY driver type	ISO1050
Protection	Bus-Fault protection of –27 V to 40 V