

TOSU 



PC Interface	USB 2.0
Timestamp Accuracy	1 μ s hardware message timestamp
Driver	Cross-platform driver-free design
Interface PIN	
License	Compatible with all TSMaster paid license modules
Power Supply	USB power supply
Power Consumption	2 W
ESD Protection Level	Contact Discharge: 8 kV, Air Discharge: 15 kV
Case Material	Metal
Dimension	Approx. 113 x 98 x 38 mm
Weight	Approx. 237 g
Operating Temperature	-40°C ~ 80°C
Operating Humidity	10% ~ 90% (non-condensing)

CAN Connection Standard	High-speed CAN connection (ISO 11898-2 compliant)
Protocol Support	Full support for CAN and CAN FD protocols (ISO 11898-1 compliant)
CAN Baud Rate Range	Configurable from 125 kbps to 1 Mbps
CAN Data Length	Supports up to 8-byte CAN frames
CAN FD Baud Rate Range	Configurable from 125 kbps to 8 Mbps
CAN FD Data Length	Supports up to 64-byte CAN FD frames; BRS supported
Max Frame Rate (Tx/Rx)	Max TX rate: 15,000 fps; Max RX rate: 20,000 fps
Terminal Resistance	Built-in 120 Ω termination per CAN channel
Relay Type	Latching relay
Surge Protection	Integrated surge protection

Rate	Supports up to 10 Mbps
Terminal Resistance	10BASE-T1S channel with configurable 100 Ω termination
Relay Type	Latching relay
Collision Control	Collision management via PLCA
Communication Mechanism	Half-duplex multi-drop communication
Ethernet Technology	Single-pair Ethernet (SPE) technology

Product Name	Model Number	Function Description
Network Device	TC1052	CAN FD/10Base-T1S to USB interface

- TC1054Pro device
- USB cable
- DB9 female to 2 male signal cable (CAN)

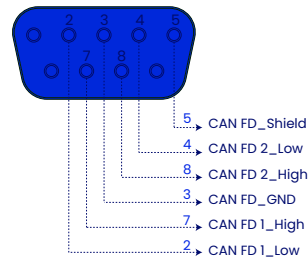


DB9 adapter cable
(CAN)



USB cable

• Left: CAN FD 1/2



• Right: 10 Base_T1S

