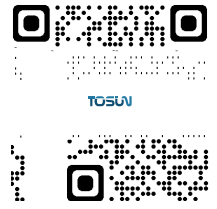


TC1016P

Multi channel CAN FD/LIN bus interface



Classic Application:

- Whole vehicle multi channel CAN FD/CAN/LIN bus data acquisition
- Domain controller testing
- Various automated testing systems
- ECU flashing

TC1016P is a multi channel CAN FD and LIN bus interface device launched by TOSUN Technology. The CAN FD bus rate supports up to 8 Mbps, and the LIN bus rates supports from 0 to 20 Kbps. The product uses a USB 2.0 interface to connect with the PC and features a driverless design for Windows and Linux systems, ensuring excellent system compatibility.

With the powerful TSMaster software, it supports loading DBC and ARXML database files, making it very convenient to monitor, analyze, and simulate CAN FD/LIN bus data, and it also supports functions such as UDS diagnostics, ECU flashing, CCP/XCP calibration, etc.

The secondary development APIs for Windows and Linux can support various development environments such as C++, C#, LabView, Python, etc., making it highly efficient and easy to use, and is convenient to integrate into various testing systems.

- μ s (microsecond) level hardware message timestamps to meet advanced requirements
- CAN channel DC 2500 V isolation
- CAN channel baud rate adjustable from 125 Kbps to 1 Mbps, and CAN FD supports a maximum of 8 Mbps
- The LIN bus primary and secondary nodes can be configured via software
- Supports blf and asc format data recording and offline/online playback
- Supports UDS diagnostics and CCP/XCP calibration
- Supports UDS based Bootloader flashing
- Supports LIN bus based UDS diagnostics
- Supports information security testing
- Supports secondary development interfaces for Windows and Linux systems
- Capable of loading all paid licenses for TSMaster

Product Name	Model Number	Function Description
Network Device	TC1016P	4 channel CAN FD, 2 channel LIN to USB interface

- TC1016P device
- USB Cable
- DB9 female to dual male signal cable (CAN) x 2
- DB9 to 5 banana plugs LIN cable



USB Cable



DB9 adapter cable(CAN)



DB9 to 5 LIN adapter cable

- Left: CAN FD 1/3
- Right: CAN FD 2/4
- Bottom: LIN 1/2

