TOSUN

TC113

2 channel CAN/CAN FD communication tool

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Classic Application:

- Automotive electronics testing
- Industrial automation communication
- Embedded system integration
- Support SocketCAN

Feature Overview

The TC113 is a dual-channel CAN/CAN FD communication tool based on SocketCAN.

It is designed to make CAN communication as simple and efficient as network programming.

The TC113 supports CAN FD bus speeds up to 5Mbps (optionally up to 8Mbps) and connects to the host via USB. It is fully compatible with SocketCAN and comes with a complete Linux driver for excellent system compatibility.

Powered by a China-made main control chip, TC113 supports a fully domestic hardware configuration, making it suitable for a wide range of embedded and industrial communication applications.

CAN/CAN FD Specifications

Supported Protocols	CAN 2.0 A/B (ISO 11898-1), CAN FD (ISO and non-ISO)
CAN Baud Rate	125 Kbps ~ 1 Mbps
CAN Frame Data Length	Up to 8 bytes
CAN FD Baud Rate	125 Kbps ~ 5 Mbps (8 Mbps optional)
CAN FD Frame Data Length	Up to 64 bytes; supports BRS frames
Channel Count	2 x CAN/CAN FD
Buffer	Each channel supports a transmit buffer of up to 1000 CAN frames

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Specification

PC Interface	USB2.0 (HS)
Driver	Linux driver support
Buffer	Each channel supports a transmit buffer of up to 1000 CAN frames
Connector	Standard D-Sub, 9-pin
CAN	Supports CAN 2.0 A/B protocols (ISO 11898-1 compliant); baud rate 125 Kbps ~ 1 Mbps
CAN FD	Supports both ISO and non-ISO CAN FD standards; baud rate 125 Kbps ~ 5 Mbps (8 Mbps optional)
Power Supply	Powered via USB
Power Consumption	1.5 W
ESD Protection	±8 KV contact discharge, ±8 KV air charge
Sample Point Range	Adjustable from 70% ~ 90%
Dimension	Approx. 93.7 x 47.4 mm
Weight	Approx. 106.2 g
Operating Humidity	10% ~ 90% (non-condensing)
Operating Environment	Keep away from corrosive gases

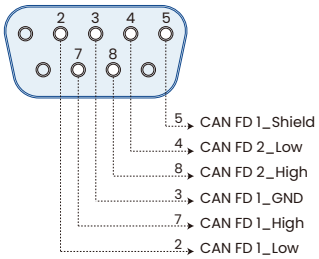
Ordering information

Product Name	Model Number	Function Description
Network Device	TC111	2 channel CAN/CAN FD communication tool

Shipping list

- TC113 device

Pin definition



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