

TF1011

Handheld ECU Flashing Tool



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Classic Application:

- After configuration on the PC side, the device can achieve the following functions in a handheld, offline scenario:
- Diagnostic based on UDS protocol
- Flash Bootloader Program Updates based on UDS protocol

Feature Overview

TF1011 is a single-channel Handheld ECU Flashing Tool. In conjunction with the TSMaster software, users can complete the editing of UDS diagnostic processes (typical applications such as UDS flashing procedures) without the need for coding. It supports configuring three sets of flash processes simultaneously, switching between them via buttons.

It features a single CAN FD interface compatible with both CAN 2.0 and CAN FD. It includes programmable terminal resistors, eliminating the need for users to externally connect terminal resistors.

Characteristics

- CAN channel DC2500V isolation
- Built-in configurable 120 Ω terminal resistor
- Utilizes a DB9 interface, capable of drawing power from the DB9 interface
- Comes with a matching DB9 to OBD-II cable
- UDS flashing process configured through the graphical interface of TSMaster software, no programming required
- Seamless integration between R&D and production configuration processes
- Permission control (optional): Allows authorized users to remotely update configuration processes
- Supports custom seed key algorithm downloads
- Supports a maximum of three concurrent diagnostic (including FBL flashing) processes, switchable via buttons
- Flashing process message logging (optional)
- Supports Infineon Uart on CAN protocol
- Supports controlling power ports of the component being flashed

