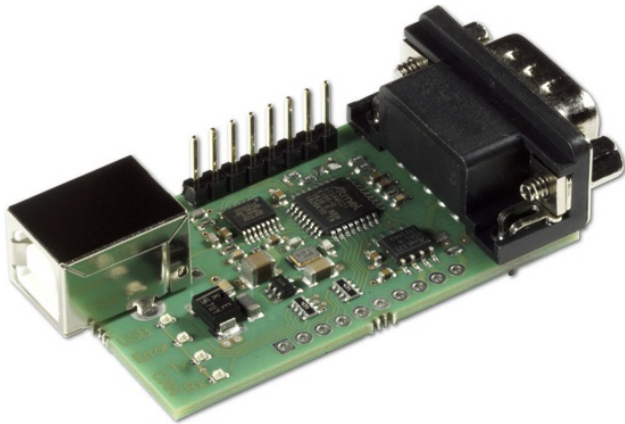


CAN Newsletter Online

USB DONGLE

With CAN FD interface and firmware

MHS Elektronik (Germany) is developing a USB dongle for CAN FD networks. It is based on a Cortex M0+ micro-controller by Microchip.



The USB interface is implemented by means of an FTDI chip (Source: MHS Elektronik)

The Tiny-CAN I-XL USB dongle will be upgraded for CAN FD connectivity supporting bit-rates up to 5 Mbit/s for the specified temperature range. The heart of the dongle is a Cortex M0+ micro-controller. As CAN transceiver, the ATA6561 from Microchip has been selected. Via the USB interface, the MCU software can be updated.

The manufacturer will provide free-of-charge software packages for some programming languages (e.g. C/C++, C#, Delphi, Labview, Python, and Visual VB). As bus analyzing software tool, the company offers its open-source CANcool. For more demanding users the Caneasy tool by Schleissheimer (Germany) is supported. Due to backwards compatibility to Classical CAN, the open-source Busmaster supported by Etas can be used, as well.

[hz](#)