

Bluetooth gateway for CAN FD ready for series production

After the presentation of the CAN FD Bluetooth adapter at the Embedded World 2019 in Nuremberg, ESS Embedded Systems Solutions has produced the first small series of the CAN/CAN FD protocol converter, so that series production can now begin.

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(Source: ESS)

CANgineFD_BT features a 32-bit Cortex-M4 micro-controller that is clocked at 80 MHz and supports CAN FD data rates up to 10 Mbit/s. Together with the built-in Class 1 Bluetooth module (100 m range), CANgineFD_BT is a solution for wirelessly coupling Classical CAN and CAN FD networks with a smartphone or tablet.

Thanks to the Bluetooth serial port profile (SSP) and the ASCII protocol, integration into any Bluetooth enabled platform is user friendly, said the company. CANgineFD_BT uses an extension of the Serial CAN Protocol (SLCAN) to send and receive any Classical CAN and CAN FD telegrams with freely adjustable bit rates. This makes the CANgineFD_BT a device for configuration or maintenance of CAN FD systems.

The company is specialized in the development of micro-controller based applications for industrial communication, industrial automation, for measurement and control technology and automotive applications. Communication adapters for commercial vehicles represent a significant part of the portfolio. Further product areas are CANopen solutions in chip and module form, as well as customer-specific developments and development services.

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