

ADAPTER

## *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.



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.

[CW](#)

*(Source: ESS)*