

CAN Newsletter Online

READY-TO-USE MOTHERBOARDS

I/O devices with CAN FD

Peak-System continues its PCAN-Micromod-FD series. Ready-to-use motherboards in black aluminum profile housings are now available. Data is exchanged via CAN FD.



The ready-to-use motherboards run as independent CAN nodes; The devices are wired via spring terminal connectors (Source: Peak-System)

possible in the extended temperature range from -40 °C to +85 °C.

The I/O module PCAN-Micromod FD from Peak-System is, in addition to its use as plug-in module in in-house developments, now also available with ready-to-use motherboards. The devices offer peripherals in variants for specific requirements. The data exchange is done via CAN FD, which is downward compatible to Classical CAN.

The motherboard PCAN-Micromod FD Analog 1 emphasizes analog inputs and outputs, where eight inputs, among others, have a resolution of 16 bits. On the Digital versions of the motherboards, eight outputs are provided either as Low-side switches (Digital 1) or High-side switches (Digital 2). All motherboards have in common one analog input for voltage monitoring up to 30 V and two additional frequency outputs up to 20 kHz.

The configuration of the motherboards with PCAN-Micromod FD is done with the supplied Windows software and is transmitted via CAN. The motherboards then run as independent CAN nodes. The cabling of the devices is done via spring terminal connectors. Operation is

[CW](#)