

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)

The cabling of the devices is done via spring terminal connectors. Operation is 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.

[CW](#)