

CAN Newsletter Online

ISOLATION TRANSCEIVER

CAN FD-ready

SE Spezial-Electronic (Germany) distributes the TD301MCAN and TD501MCAN series' of CAN transceivers from Mornsun (China). The series can be updated to CAN FD.



(Photo: SE Spezial-Electronic)

The CAN transceiver modules integrate power isolation, signal isolation, CAN transceiver and bus protection in one module. The series convert the TTL/CMOS level to a difference level of CAN to achieve signal isolation. Moreover, TD301MCAN and TD501MCAN feature a 2500-V_{DC} electric isolation and miniature package (DIP8) which enable them to be better embedded in a users' device to achieve connectivity functions of CAN.

The TD3(5)01MCANFD series is an alternative which upgrades the TD-MCAN series with a data transmission rate to 5 Mbit/s. The two series come in the same package and both are pin-compatible. They are suitable for automotive electronics, instrumentation, etc. The series meets the ISO 11898-2 and ISO 11898-5 standards and comes with a bus timeout protection. The transceiver's operating temperature is -40 °C to +105 °C and they are suitable for 12-V as well as 24-V systems.

[CW](#)