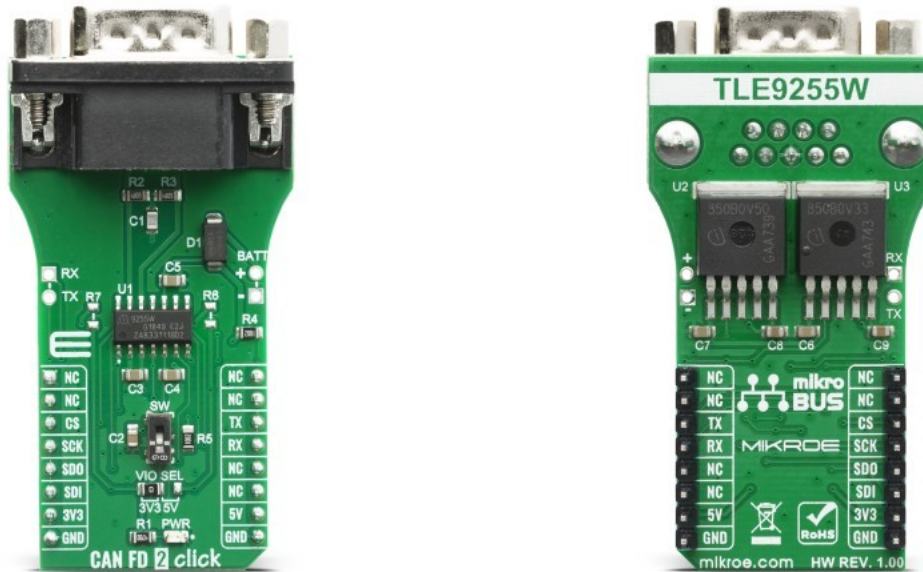


CAN FD 2 Click



PID: MIKROE-4062

CAN FD 2 Click is a HS CAN transceiver add on board, suitable for evaluation of [TLE9255W](#) CAN network transceiver from [Infineon](#). The transceiver itself drives the signals to the CAN bus and protects the microcontroller from interference generated within the CAN network. Based on the high symmetry of the CANH and CANL signals, the TLE9255W provides a very low level of electromagnetic emission within a wide frequency range, allowing the operation of the TLE9255W without a common mode choke in automotive and industrial applications.

CAN FD 2 Click board™ is supported by a mikroSDK compliant library, which includes functions that simplify software development. This Click board™ comes as a fully tested product, ready to be used on a system equipped with the mikroBUS™ socket.

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.
 ISO 14001: 2015 certification of environmental management system.
 OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).

Specifications

Type	CAN,CAN FD
Applications	HS CAN networks in automotive applications and HS CAN networks in industrial applications
On-board modules	TLE9255W the HS CAN Transceiver with Partial Networking
Key Features	HS CAN standard data rates up to 1MBit/s, CAN FD data rates up to 5 Mbit/s, Very low electromagnetic emission, Fail safe features
Interface	SPI,UART
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V,5V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

[CAN FD 2 click example on Libstock](#)

[CAN FD 2 click 2D and 3D files](#)

[TLE9255W datasheet](#)

[CAN FD 2 click schematic](#)

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