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CAN FD 2 Click





PID: MIKROE-4062

CAN FD 2 Click is a HS CAN transceiver add on board, suitable for evaluation of <u>TLE9255W</u> CAN network transceiver from <u>Infineon</u>. 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 $^{\text{\tiny M}}$ is supported by a mikroSDK compliant library, which includes functions that simplify software development. This Click board $^{\text{\tiny M}}$ comes as a fully tested product, ready to be used on a system equipped with the mikroBUS $^{\text{\tiny M}}$ 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.





health and safety management system.



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Specifications

Туре	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
ClickID	No
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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