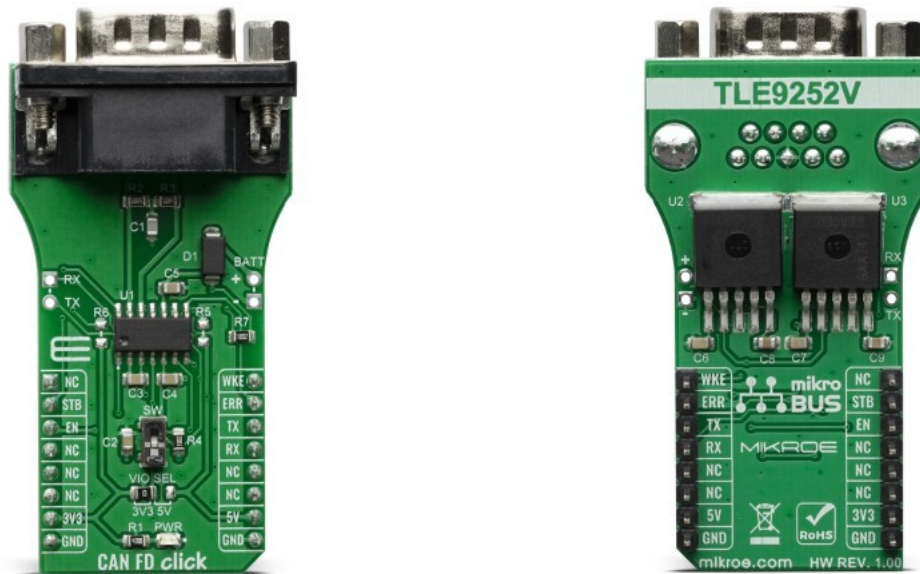


CAN FD Click



PID: MIKROE-3933

CAN FD Click is a add-on board based on TLE9252V CAN network transceiver, designed for HS CAN networks up to 5 Mbit/s in automotive and industrial applications. As an interface between the physical bus layer and the CAN protocol controller, the TLE9252V drives the signals to the bus and protects the microcontroller against interferences generated within the network. Given all the features its components offer, the CAN FD Click is best used for for infotainment applications, cluster modules, radar applications and HVAC.

CAN FD 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	Infotainment applications, cluster modules, radar applications and HVAC
On-board modules	TLE9252V, a transceiver designed for HS CAN networks up to 5 Mbit/s in automotive and industrial applications from Infineon
Key Features	Fail safe features like TxD time-out, RxD Recessive Clamping and Overtemperature shut-down, Very low electromagnetic emission (EME), Dual Power Supply Solution or Undervoltage detection
Interface	GPIO,UART
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[CAN FD click example on Libstock](#)

[TLE9252V datasheet](#)

[CAN FD click schematic](#)

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

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