MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
VAT: SR105917343 Registration No. 20490918
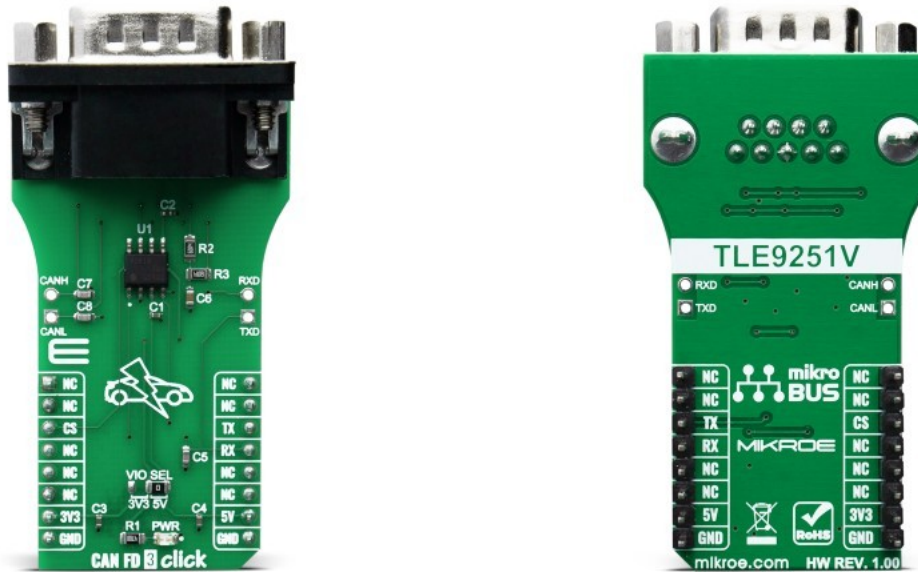Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com
www.mikroe.com

CAN FD 3 Click

PID: MIKROE-3992

CAN FD 3 Click is a add-on board based on TLE9251V 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 TLE9251V 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, gateway modules, body control modules (BCM) or engine control units (ECUs).

CAN FD 3 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.

Specifications

Type	CAN,CAN FD
Applications	CAN FD Click is best used for for infotainment applications, gateway modules, body control modules (BCM) or engine control units (ECUs).
On-board modules	On-board modules TLE9251V, a transceiver designed for HS CAN networks up to 5 Mbit/s in automotive and industrial applications from Infineon
Key Features	Key Features Very low electromagnetic emission (EME) for chokeless usage, Dual Power Supply Solution
Interface	UART
ClickID	No
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 3 click example on Libstock](#)

[CAN FD 3 click schematic](#)

[TLE9251V datasheet](#)

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