

Dual LIN Click



PID: MIKROE-3870

The **Dual LIN click** is a Click board™ based on the TLE7268SKXUMA1, a Dual LIN transceiver from Infineon. Given the features included in this transceiver, the Dual LIN transceiver designed for data transmission rates up to 20 kbps being fully compliant to the ISO17987-4, LIN specification 2.2A and SAE J2602 standards.

The Dual LIN click 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	LIN
Applications	Automotive applications: Body control modules (BCM) and Gateway
On-board modules	TLE7268SKXUMA1, a Dual LIN transceiver from Infineon
Key Features	Two independent single-wire LIN transceivers in one device, transmission rate up to 20 kbps, very low electromagnetic emission, High immunity to interference
Interface	GPIO,UART
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[Dual LIN click example on Libstock](#)

[Dual LIN click 2D and 3D files](#)

[TLE7268 datasheet](#)

[Dual LIN click schematic](#)

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