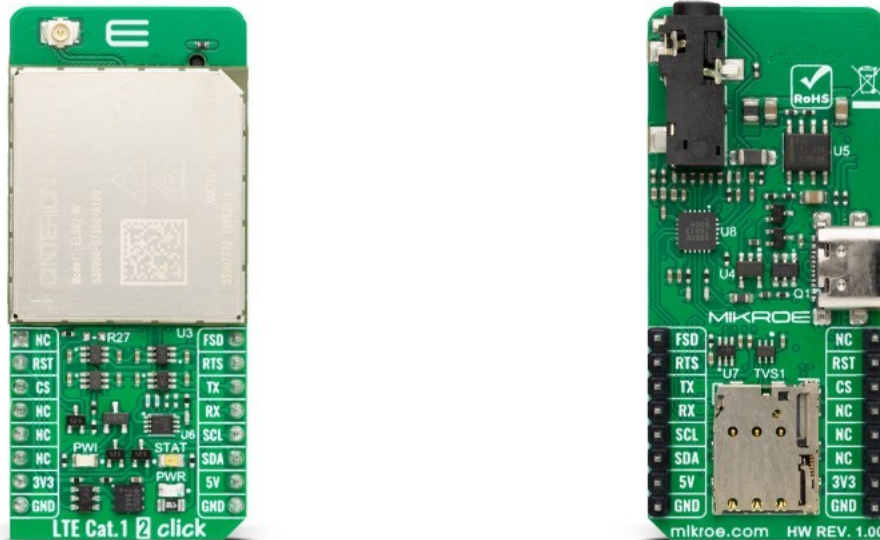


LTE Cat.1 2 Click (for EU)



PID: MIKROE-5906

LTE Cat.1 2 Click (EU) is a compact add-on board that provides your application with complete LTE and VoLTE with CSFB functionalities. This board features the [ELS62-E](#), a single antenna LTE cat.1bis module from [Thales](#). The module offers a 3GPP Rel.13 compliant protocol, digital audio interface, dual UICC/U/SIM card interface, and more. Besides, it also has a u.FI connector to connect an appropriate antenna, which MIKROE offers. This Click board™ makes the perfect solution for the development of communication devices, both for home and industrial applications, remote device actions, and more.

LTE Cat.1 2 Click (EU) is fully compatible with the mikroBUS™ socket and can be used on any host system supporting the [mikroBUS™](#) standard. It comes with the [mikroSDK](#) open-source libraries, offering unparalleled flexibility for evaluation and customization. What sets this [Click board™](#) apart is the groundbreaking [ClickID](#) feature, enabling your host system to seamlessly and automatically detect and identify this add-on board.

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	4G LTE,GSM/LTE
Applications	Can be used for the development of communication devices, both for home and industrial applications, remote device actions, and more
On-board modules	ELS62-E - single antenna LTE Cat. 1bis module from Thales
Key Features	Support GSM, GPRS, EGPRS, LTE frequency bands, point-to-point MT and MO, cell broadcast, text and PDU mode, SIM card plus SMS location storage, AT commands, USB firmware upgrade, audio DAI interface, UICC, SIM, USIM interface, and more
Interface	I2C,UART
ClickID	Yes
Compatibility	mikroBUS™
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V,5V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[ClickID](#)

Downloads

[PCA9306 datasheet](#)

[TPS7A7002 datasheet](#)

[AP2112 datasheet](#)

[MAX9860 datasheet](#)

[LTE Cat.1 2 Click \(for EU\) example on Libstock](#)

[LTE Cat.1 2 Click \(for EU\) click 2D and 3D files](#)

[LTE Cat.1 2 click schematic](#)

[ELS62-E datasheet](#)

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