

LTE IoT 11 Click



PID: MIKROE-5863

LTE IoT 11 Click is a compact add-on board with an optimized global coverage module, as it supports a comprehensive set of bands required for global deployment. This board features the [TX62-W](#), a global MTC module from [Thales](#). It delivers global LTE-M, NB-IoT (NB1 and NB2) connectivity from a single SKU, and it is the first Thales product to adopt a revolutionary "Things" footprint. Besides, it integrates an embedded GNSS multi-constellation, state-of-the-art secure services, and more. This Click board™ makes the perfect solution for the development of mission-critical IoT applications, logistics and asset tracking, predictive maintenance, industrial, smart agriculture, and many more.

LTE IoT 11 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	GPS/GNSS,LTE IoT
Applications	Can be used for the development of mission-critical IoT applications, logistics and asset tracking, predictive maintenance, industrial, smart agriculture, and many more
On-board modules	TX62-W - global MTC module from Thales
Key Features	An ultra-integrated module featuring embedded GNSS multi-constellation (GPS, Galileo, Glonass, BeiDou), state-of-the-art secure services, 3GPP Rel.14 compliant protocol (LTE Cat M1/NB1/NB2, SMA antennas, microSIM card socket, eUICC support, AT commands support, USB C connector for UART serial connection to the PC, SUB 2.0 support, and more
Interface	I2C,SPI,UART,USB
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

[TXB0106 datasheet](#)
[FT230X datasheet](#)
[TPS7A7002 datasheet](#)
[NVT2010 datasheet](#)
[LTE IoT 11 click example on Libstock](#)
[LTE IoT 11 click schematic](#)
[AT commands](#)

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Time-saving embedded tools

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[LTE IoT 11 click 2D and 3D files](#)

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