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LTE IoT 9 Click

PID: MIKROE-4465

LTE IoT 9 Click is a compact add-on board containing a cellular IoT Module that supports 3GPP Release 14 and all LTE bands. This board features the EXS62-W, LTE-IoT Wireless Module from Thales that offers a rich set of Internet protocols and industry-standard interfaces such as UART, USB, etc. Global IoT connectivity, integrated GNSS support, SMS support, extended coverage range, and reduced power consumption make this single IoT module an excellent choice for device makers while ensuring worldwide reliability. This Click board™ is suitable for applications such as logistics and asset tracking, predictive maintenance, industrial, smart agriculture, and many more.

LTE IoT 9 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.

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Specifications

Type	GPS/GNSS,LTE IoT
Applications	Can be used for applications such as logistics and asset tracking, predictive maintenance, industrial, smart agriculture, and many more.
On-board modules	EXS62-W - a cellular IoT Module from Thales that supports 3GPP Release 14 and all LTE bands.
Key Features	Power saving modes, LTE bands that allows multiple regions coverage, dual SMA antenna connectors, USB connectivity, visual network and status indication, 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

LTE IoT 9 click 2D and 3D files

FT230X datasheet

MC34671 datasheet

LTE IoT 9 click schematic

EXS62-W datasheet

LTE IoT 9 click example on Libstock