

LTE Cat.4 3 Click - Data



PID: MIKROE-5991

LTE Cat.4 3 Click is a compact add-on board representing a multi-band and multi-mode solution, offering universal connectivity and reliable performance. This board features the [LARA-L6004D-01B](#), an LTE Cat 4 module in the smallest form factor from [u-blox](#). The module supports an LTE Cat 4 FDD and an LTE Cat 4 TDD radio access technology (RAT), with a 3G UMTS/HSPA and 2G GSM/GPRS/EGPRS fallback. It is an ideal solution for global and multi-regional coverage. This Click board™ makes the perfect solution for the development of asset tracking, telematics, remote monitoring, alarm panels, video surveillance, and more.

LTE Cat.4 3 Click 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	3G UMTS,GSM+GPS,LTE IoT
Applications	Can be used for the development of asset tracking, telematics, remote monitoring, alarm panels, video surveillance, and more
On-board modules	LARA-L6004D-01B - LTE Cat 4 module in the smallest form factor from u-blox
Key Features	Multi-band and multi-mode module, supports LTE Cat 4 FDD, LTE Cat 4 TDD radio access technology (RTA), 3G UMTS/HSPA, 2G GSM/GPRS/EGPRS, data-only communication, wide operating frequency range, long list of security features, FOAT, DNS, PPP, and more
Interface	I2C,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](#)
[PCA9306 datasheet](#)
[TPS7A7002 datasheet](#)
[LTE Cat.4 3 Click - Data example on Libstock](#)
[LARA-L6004D-01B datasheet](#)
[LTE Cat.4 3 Click - Data schematic](#)
[LTE Cat.4 3 Click - Data 2D and 3D files](#)

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