

NB IoT 2 Click



PID: MIKROE-4562

NB IoT 2 Click is a compact add-on board that contains a compact LTE Cat NB2 module with ultra-low power consumption. This board features the BC66-NA, a high-performance, multi-band LTE Cat NB2 module with extremely low power consumption from Quectel Wireless Solutions. It provides a flexible and scalable platform for migrating from GSM/GPRS to NB-IoT network and supports band 71 and band 85 to accommodate more operators. It also offers external interfaces, protocol stacks (providing great convenience for your applications), and a complete range of SMS and data transmission services to meet client-side demands. This Click board™ is suitable for a wide range of IoT applications, such as smart metering, intelligent wearables, security and asset tracking, home appliances, environmental monitoring, and many more.

NB IoT 2 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	LTE IoT
Applications	Can be used for a wide range of IoT applications, such as smart metering, intelligent wearables, security and asset tracking, home appliances, environmental monitoring, and many more.
On-board modules	BC66-NA - high-performance NB-IoT module with extremely low power consumption from Quectel Wireless Solutions
Key Features	Ultra-low power consumption, multi-band NB-IoT module, high performance, built-in eSIM, wake-up interrupt, and more.
Interface	SPI,UART,USB
ClickID	No
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

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

[BC66-NA datasheet](#)

[NB IoT 2 click schematic](#)

[NB IoT 2 click example on Libstock](#)

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