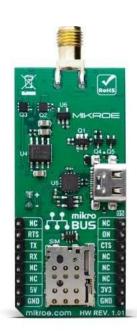


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## **5G NB IoT click**





PID: MIKROE-4034

**5G NB IoT Click** is a Click board<sup>™</sup> based on <u>Thales</u> ENS22 NB-IoT Wireless Module platform that boosts highly efficient future 5G connectivity for the IoT. The 5G NB IoT click combines single mode NB-IoT connectivity with extreme power efficiency, extended coverage range and advanced security features providing steadfast reliability for data only solutions. The module offers built-in internet services, protected by an enhanced security concept.

5G NB IoT Click board<sup>™</sup> is supported by a mikroSDK compliant library, which includes functions that simplify software development. This Click board<sup>™</sup> comes as a fully tested product, ready to be used on a system equipped with the mikroBUS<sup>™</sup> 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.









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## **Specifications**

Туре	LTE IoT
Applications	5G NB IoT click is ideal for stationary IoT applications that send data only at intermittent intervals such as metering and smart city applications
On-board modules	ENS22
Key Features	Optimized specifically for IoT applications, Five Band LTE (3, 5, 8, 20, 28) connectivity with deep indoor coverage and extended range in rural areas, a built-in IP stack which supports a range of internet services protected by an enhanced security concept
Interface	UART,GPIO
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V,5V

## Resources

mikroBUS™

**mikroSDK** 

Click board™ Catalog

Click boards™

## **Downloads**

5G NB IoT click 2D and 3D files

M2M ENS22 datasheet

5G NB IoT click schematic

5G NB IoT click example on Libstock

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health and safety management system.