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5G NB IoT Click





PID: MIKROE-4034

5G NB IoT Click is a Click board[™] 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[™] 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.





health and safety management system.



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Specifications

Type	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	GPIO,UART,USB
ClickID	No
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V,5V

Resources

<u>mikroBUS™</u>

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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