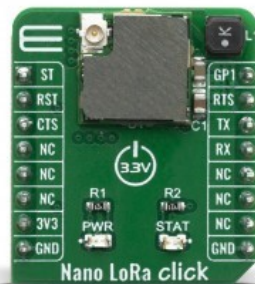


Nano LoRa Click



PID: MIKROE-4091

Nano LoRa Click is a LoRa® technology-based transceiver Click board™, which operates at a sub-gigahertz frequency of 815MHz and 928 MHz Bands, optimized for very long-range, low consumption applications, suitable for LPWA networks. Thanks to the spread spectrum modulation feature, as well as the low power consumption, it is capable of achieving a long-range communication, immune to interferences. Operated over the UART interface, it represents a very simple, yet powerful solution for the LoRa-based IoT communication network solution.

Lora 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	LoRa
Applications	Operated over the UART interface, it represents a very simple, yet powerful solution for the LoRa-based IoT communication network solution.
On-board modules	EMB-LR1276S, a sub-1GHz wireless module that supports the LoRaWANTM® long-range wireless protocol, from Embit
Radio Region	Worldwide
Key Features	868MHz and 915MHz radio bands, 256 KB of Flash, up to 40 KB of SRAM, LoRa® and FSK modulation
Interface	GPIO,UART
Compatibility	mikroBUS
Click board size	S (28.6 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[Nano LoRa click example on Libstock](#)

[EMB-LR1276S datasheet](#)

[Nano LoRa click 2D and 3D files](#)

[Nano LoRa click schematic](#)

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