MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
VAT: SR105917343 Registration No. 20490918
Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com
www.mikroe.com

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.

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™
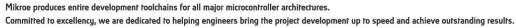
mikroSDK

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