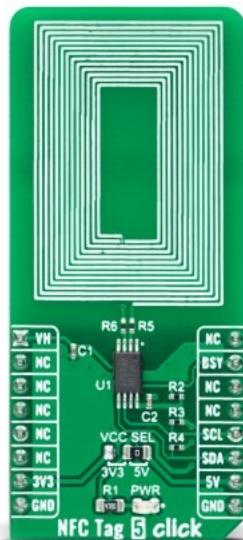


NFC Tag 5 Click



PID: MIKROE-5230

NFC Tag 5 Click is a compact add-on board that contains a compact NFC tag IC. This board features the [M24LR64E-R](#), a dynamic NFC/RFID tag IC with a dual interface 64-Kbit EEPROM from [STMicroelectronics](#). It features an I2C interface alongside an RF contactless interface operating at 13.56MHz, organized as 8192×8 bits in the I2C mode and 2048×32 bits in the ISO 15693 and ISO 18000-3 mode 1 RF mode. The M24LR64E-R also features an energy harvesting analog output and a user-configurable digital output pin, used as an interrupt, toggling during either RF write in progress or RF busy mode. This Click board™ represents an ideal solution for rapidly integrating NFC tag technology in any custom application such as industrial or medical equipment, consumer electronics, and more.

NFC Tag 5 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	RFID/NFC
Applications	Can be used in any custom application such as industrial or medical equipment, consumer electronics, and more
On-board modules	M24LR64E-R - dynamic NFC/RFID tag IC from STMicroelectronics
Key Features	Dual interface (I2C interface and RF contactless) 64-Kbit EEPROM, password protection, energy harvesting, and RF status functions, ISO 15693 and ISO 18000-3 mode 1 compatible, and more
Interface	Analog,I2C
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

[NFC Tag 5 click example on Libstock](#)

[NFC Tag 5 click 2D and 3D files](#)

[M24LR64E-R datasheet](#)

[NFC Tag 5 click schematic](#)

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