

## NFC 5 Click



PID: MIKROE-6029

**NFC 5 Click** is a compact add-on board designed for advanced NFC applications. This board features the [ST25R3918](#), a multipurpose NFC transceiver from [STMicroelectronics](#). This Click board™ is built to cater to the growing needs of the Internet of Things (IoT) ecosystem, providing robust NFC reader functionalities, passive peer-to-peer communication, and card emulation modes with outstanding analog performance. Its notable features include exceptional read range with minimal power output, advanced noise reduction, and compatibility with ISO14443, ISO15693, and NFC Forum Tag types 1, 2, 4, and 5. Additionally, the board supports SPI and I2C interfaces, offering operational flexibility and making it suitable for various applications, from consumer electronics to IoT, brand protection, access control, and customer engagement.

NFC 5 Clickk is fully compatible with the mikroBUS™ socket and can be used on any host system supporting the [mikroBUS™](#) standard. It comes with the [mikroSDK](#) open-source libraries, offering unparalleled flexibility for evaluation and customization. What sets this [Click board™](#) apart is the groundbreaking [ClickID](#) feature, enabling your host system to seamlessly and automatically detect and identify this add-on board.

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	Ideal for various applications, from consumer electronics to IoT, brand protection, access control, and customer engagement
On-board modules	ST25R3918 - multipurpose NFC transceiver from STMicroelectronics
Key Features	High performance, reading, passive peer-to-peer communication, and card emulation modes, outstanding analog performance, exceptional read range with minimal power output, compatibility with ISO14443, ISO15693, and NFC Forum Tag types 1, 2, 4, and 5, selectable communication interface, and more
Interface	I2C,SPI
ClickID	Yes
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 5 click example on Libstock](#)

[NFC 5 click 2D and 3D files v100](#)

[ST25R3918 datasheet](#)

[NFC 5 click schematic v100](#)

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