

## NFC 2 Click



PID: MIKROE-4309

NFC 2 Click is a compact add-on board that contains a highly integrated NFC transceiver for contactless communication. This board features the PN7150, the best plug&play high-performance full NFC solution with integrated firmware and NCI interface designed for contactless communication at 13.56 MHz from NXP USA Inc. This I2C configurable transceiver utilizes an outstanding modulation and demodulation concept completely integrated for different kinds of contactless communication methods and protocols. It can operate both in Reader Mode and in Card Mode. This Click board™ is the ideal solution for rapidly integrating NFC technology in any application.

NFC 2 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 for rapidly integrating NFC technology in any application.
On-board modules	NFC 2 Click is based on the PN7150, high-performance full NFC solution with integrated firmware and I2C interface designed for contactless communication at 13.56 MHz from NXP USA Inc.
Key Features	Ultralow power consumption, automatic wake-up via RF field, integrated non-volatile memory to store data and executable code for customization, various RF protocols supported, includes ARM Cortex-M0 microcontroller core, and more.
Interface	I2C
ClickID	No
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 2 click 2D and 3D files](#)

[PN7150 datasheet](#)

[NFC 2 click example on Libstock](#)

[NFC 2 click schematic](#)

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).