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NTAG 5 Link Click

PID: MIKROE-4635

NTAG 5 Link Click is a compact add-on board that acts as a bridge between an NFC-enabled device and any I2C slave, such as a sensor or external memory. This board features the NTP5332, a highly integrated NFC IC which creates a secure standard-based link from the device to the cloud from NXP Semiconductors. Based on the NTAG 5 switch and operating at 13.56MHz, the NTP5332 represents an NFC Forum-compliant contactless tag that can be read and written by an NFC-enabled device at close range and by an ISO/IEC 15693-enabled industrial reader over a more extended range. It also incorporates an I2C interface with an I2C master features and AES mutual authentication, SRAM memory, and energy harvesting possibility, which means it can supply power to other components in the system. This Click board™ is optimized for sensor-driven applications and represents an ideal solution for rapidly integrating NFC technology in any custom application.

NTAG 5 Link 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.

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Specifications

Type	RFID/NFC
Applications	Can be used for sensor-driven applications and represents an ideal solution for rapidly integrating NFC technology in any custom application
On-board modules	NTP5332 - highly integrated NFC IC which creates a secure standard-based link from the device to the cloud from NXP Semiconductors
Key Features	NFC Forum Type 5 Tag compliant, host interface configurable as an I2C master/slave, 32-byte reprogrammable originality signature, AES mutual authentication, event detection, energy harvest feature, and more
Interface	I2C
ClickID	No
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[NTAG 5 Link click example on Libstock](#)

[NTAG 5 Link click schematic](#)

[NTAG 5 Link click 2D and 3D files](#)

[NTP5332 datasheet](#)