

# M5Stack RFID UNIT

BN 2306339



M5STACK

## Description

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RFID has an RFID MFRC522 chip inside.

The MFRC522 operates in the 13.56MHz frequency band and uses the modulation and demodulation principle to interact with the proximity RF card. This unit can realize the function of the card reading and writing device, to identify and record multiple card information, to encode and authority a RF card.

Connect this Unit to GROVE PORTA on M5Core, I2C address is 0x28.

## Development Resources

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Development resources and additional product information are available from:



<https://www.m5stack.com/>



<https://docs.m5stack.com/#/>

## Specification

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- \* 13.56MHz Operation frequency
- \* I2C data rate: Fast mode: up to 400 Kbit/s;  
High-speed mode: up to 3400 Kbit/s
- \* RC522 Transceiver Buffer: 64 bytes
- \* Supported protocol: ISO14443A, MIFARE and NTAG
- \* Reading and writing distance: < 20 mm

## Disposal

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Electronic devices are recyclable waste and must not be disposed of in the household waste.

At the end of its service life, dispose of the product in accordance with applicable regulatory guidelines.

You thus fulfill your statutory obligations and contribute to the protection of the environment.