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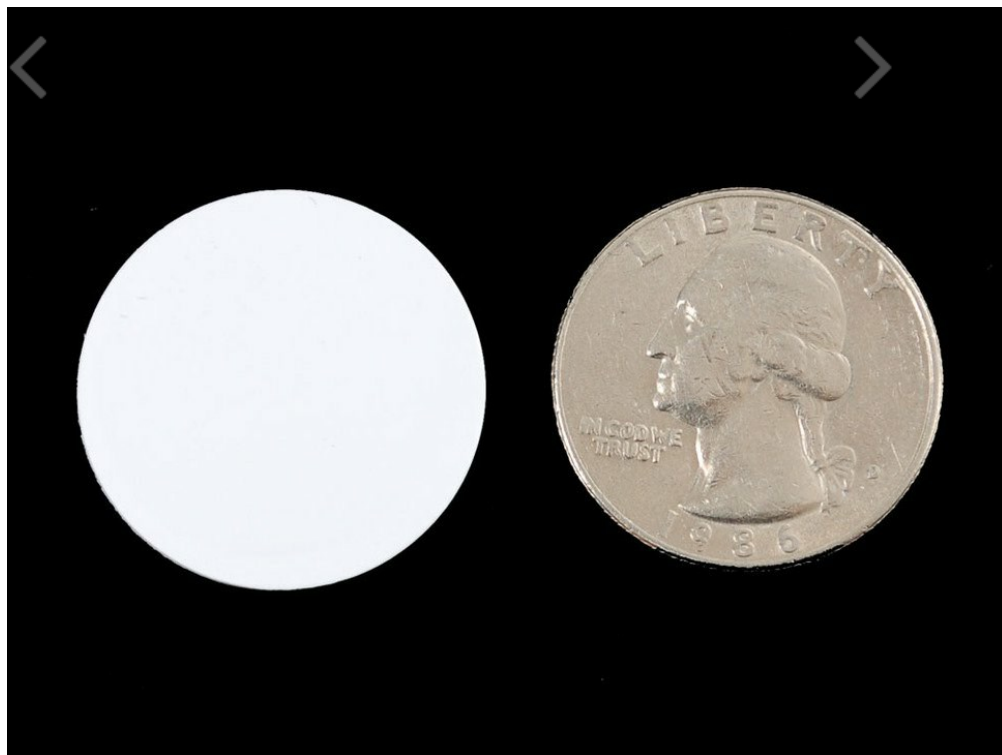
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WIRELESS / [RFID / NFC](#) / 13.56MHZ RFID/NFC WHITE TAG



## 13.56MHz RFID/NFC White Tag - 1KB

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[DESCRIPTION](#)

[TECHNICAL DETAILS](#)



## DESCRIPTION

This is a blank 13.56MHz RFID/NFC laundry tag - often used for laundry but also general tagging. The tag contains a small RFID chip and an antenna, and is passively powered by the reader/writer when placed a couple inches away.

These can be read by almost any 13.56MHz RFID/NFC reader but make sure it can handle ISO/IEC 14443 Type A cards as there are a few other encoding standards (like FeLica) They are tested and work great with both our [PN532 NFC/RFID breakout board](#) and [Adafruit NFC/RFID Shield for Arduino](#)!

These chips can be written to & store up to 1 KB of data in writable EEPROM divided into banks, and can handle over 100,000 re-writes. You can use our [PN532 NFC/RFID breakout board](#) or [Adafruit NFC/RFID Shield for Arduino](#) to read and write data to the EEPROM inside the tag. There is also a permanent 4-byte ID burned into the chip that you can use to identify one tag from another - the ID number cannot be changed.

These use a ISO/IEC 14443 Type A chipset, which used to be the 'classic' NFC chipset. In ~2014, the NFC forum decided not to support this chipset anymore, so newer phones do not support it.

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## TECHNICAL DETAILS

RFID chip specification:

- 1 KiloByte (8 KiloBit) non-volatile EEPROM storage
- Built in encryption engine with 48-bit key
- 4 Byte unique identifier burned into the chip
- 13.56 MHz frequency

Tag specification:

- 25.4mm diameter x 1mm / 1" diameter x 0.03"
- 0.9 grams / 0.03 oz
- Works about 2" away from reader



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## LEARN



[Adafruit NFC/RFID on Raspberry Pi](#)

Add RFID/NFC read and write to your Pi in an hour!



[Adafruit PN532 RFID/NFC Breakout and Shield](#)

Radio Frequency ID and Near Field Communication using the PN532

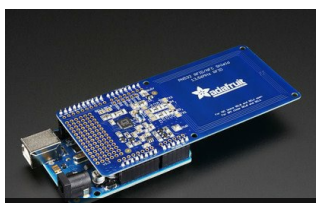


[Collin's Lab: RFID](#)

Identifying object via radio waves

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Adafruit PN532 NFC/RFID



13.56MHz RFID/NFC Charm



13.56MHz RFID/NFC



13.56MHz RFID/NFC Plastic

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sees some creation of the brain unfolding to success" -  
[Nikola Tesla](#)*



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