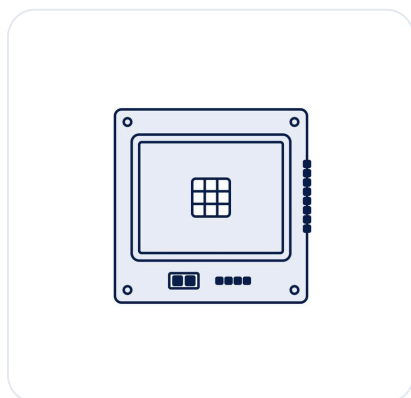




PN532 NFC / RFID Module, 13.56 MHz, I²C / SPI / UART (Development Board)

Model — · Brand: Identium



A development board around the PN532 NFC controller: a 13.56 MHz reader-writer that also does card emulation and peer-to-peer NFC, with I²C, SPI or UART selected by switch. The broader alternative to the RC522 for prototypes that must read ISO 14443B or FeliCa or act as a tag themselves.

KEY FEATURES

- **PN532 NFC controller: ISO/IEC 14443A and B, FeliCa, per the public datasheet**
- **Reader/writer, card emulation and peer-to-peer NFC modes**
- I²C, SPI or UART (HSU) selected by on-board switch, typical for the class
- 3.3–5 V supply on the usual boards, typical for the class
- Reads MIFARE Classic, NTAG-type and other ISO 14443A/B cards at a few centimetres

APPLICATIONS

NFC phone interaction prototypes

Card emulation experiments

Maker and student projects

Prototype payment-style readers

Teaching labs

SPECIFICATIONS

NFC controller	PN532
Frequency	13.56 MHz (HF / NFC)
Protocols	ISO/IEC 14443A, ISO/IEC 14443B, FeliCa; NFC Forum tag types, per the public datasheet
Modes	Reader/writer, card emulation, peer-to-peer
Interface	I ² C, SPI or UART (HSU), selected by DIP switch, typical for the class
Supply	3.3–5 V DC on the usual boards, typical for the class; check the board's regulator
Antenna	PCB loop antenna on the board
Read range	A few centimetres, typical for the class; depends on the tag
Does not read	125 kHz cards, ISO 15693 labels, UHF tags
Supplied	Module only unless stated