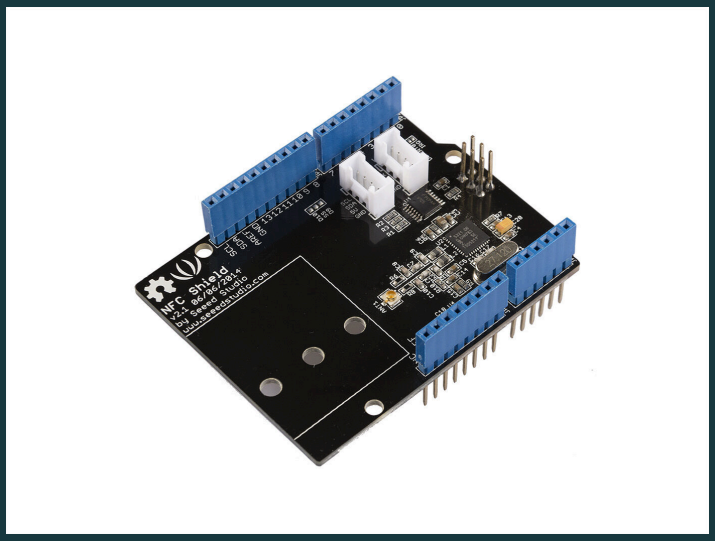
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INDUSTRIAL PRODUCT DATASHEET

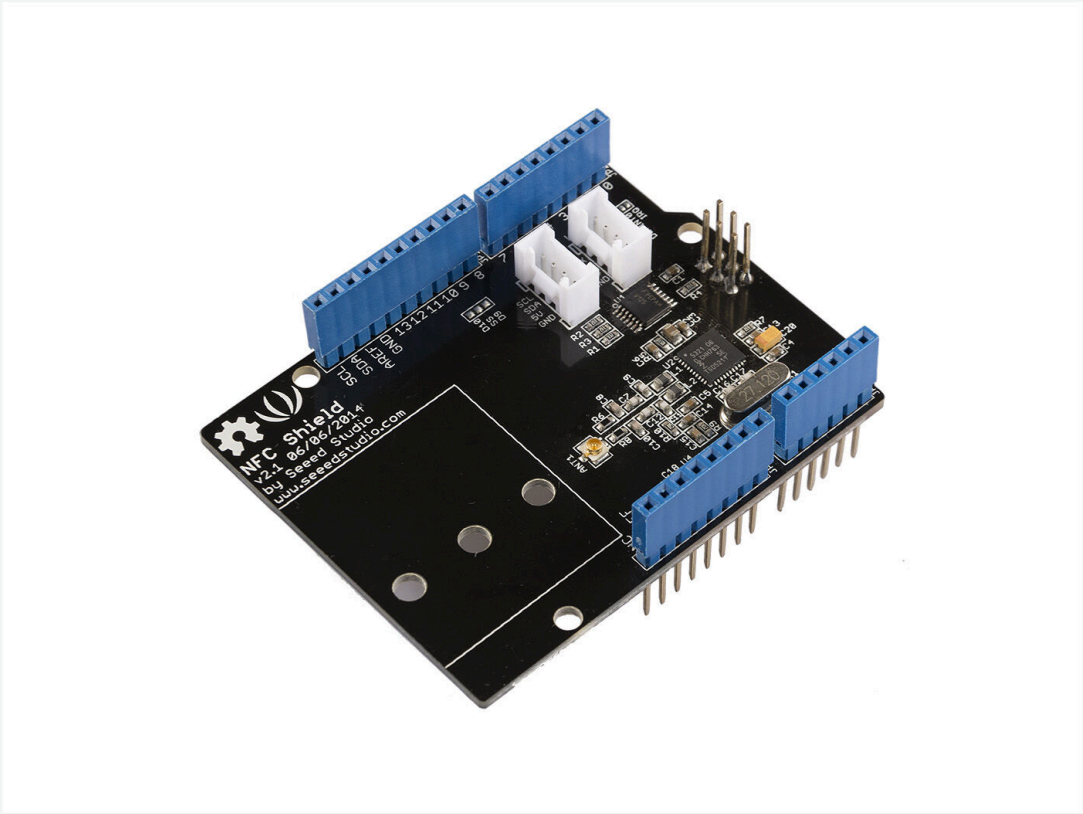
NFC Shield V2.0

NFC Shield V2.0 provides 13.56MHz contactless communication with PN532, tag read/write, P2P, independent PCB antenna, 5cm range, SPI interface, and ISO14443 Type A/B support.

SKU	UPDATED	PRICE
113030001	2026-10-23 03:09:17	$37.90(Excl. VAT)



Overview



The NFC Shield V2.0 is designed around the PN532 transceiver module for contactless communication at 13.56MHz, enabling read/write of 13.56MHz tags and point-to-point data exchange between two NFC Shields. It features an independent PCB antenna that can be peeled off and extended from enclosures, a 5cm maximum effective range, an SPI pin-saving interface, and support for ISO14443 Type A and Type B protocols.

Key Features

Short for Near Field Communication, NFC is a widely used technology around us. It's behind daily applications such as access control system and mobile payment system. NFC Shield features a highly integrated transceiver module PN532 which handles contactless communication at 13.56MHz. You can read and write a 13.56MHz tag with this shield or implement point to point data exchange with two NFC Shields.

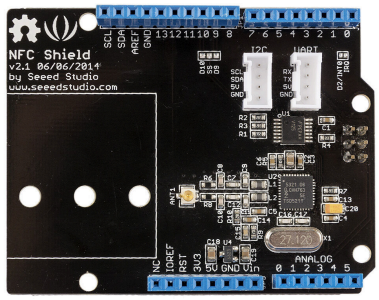
In this new version, we assign an independent PCB antenna which can easily stretch out of any enclosure you use, leaving more room for you to design the exterior of your project.

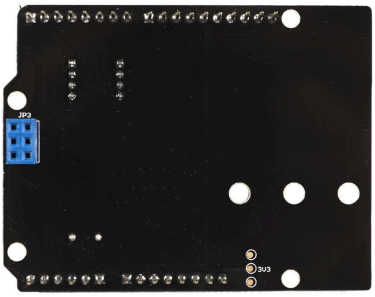
The PCB comes stuck on the shield, but you can easily peel it off.

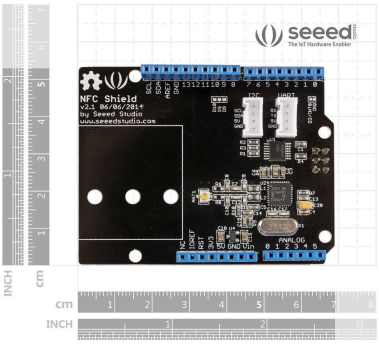
Features

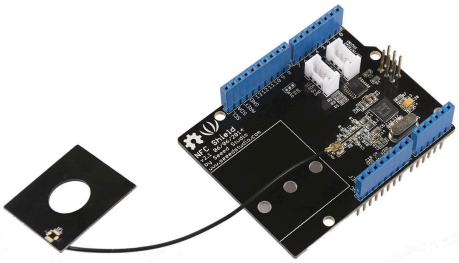
- 5cm max effective range
- SPI pin saving interface
- Serve for contactless communication at 13.56MHz
- Support P2P communication
- Support ISO14443 Type A and Type B protocals

Product Gallery









Part List

NFC Shield V2.0	1

Compliance & Logistics



HSCODE	8517709000
USHSCODE	8517620090
UPC	841454105510
EUHSCODE	8517180000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/NFC-Shield-V2-0.html
- NFC Shield v2.0 Schematic
- NFC Shield v2.0 Eagle File
- NFC Shield v2.1 Schematic
- NFC Shield v2.1 Eagle File
- PN532_SPI Library For NFC Shield v2.0
- PN532 Datasheet
- FAQ of NFC Shield

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