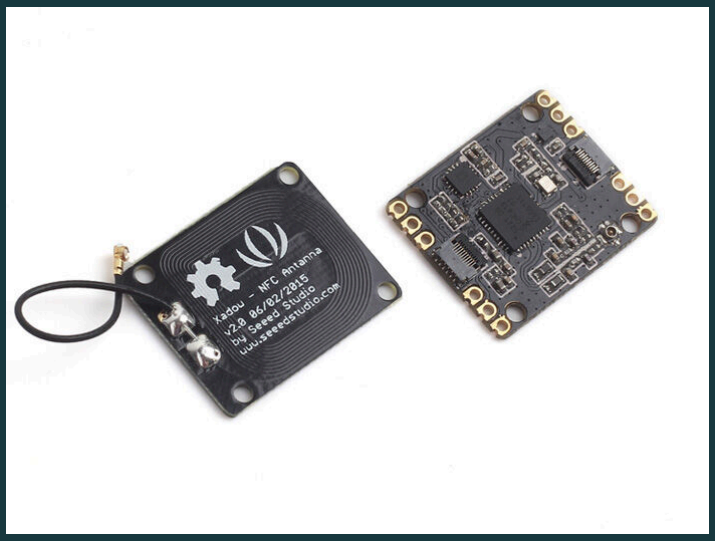
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INDUSTRIAL PRODUCT DATASHEET

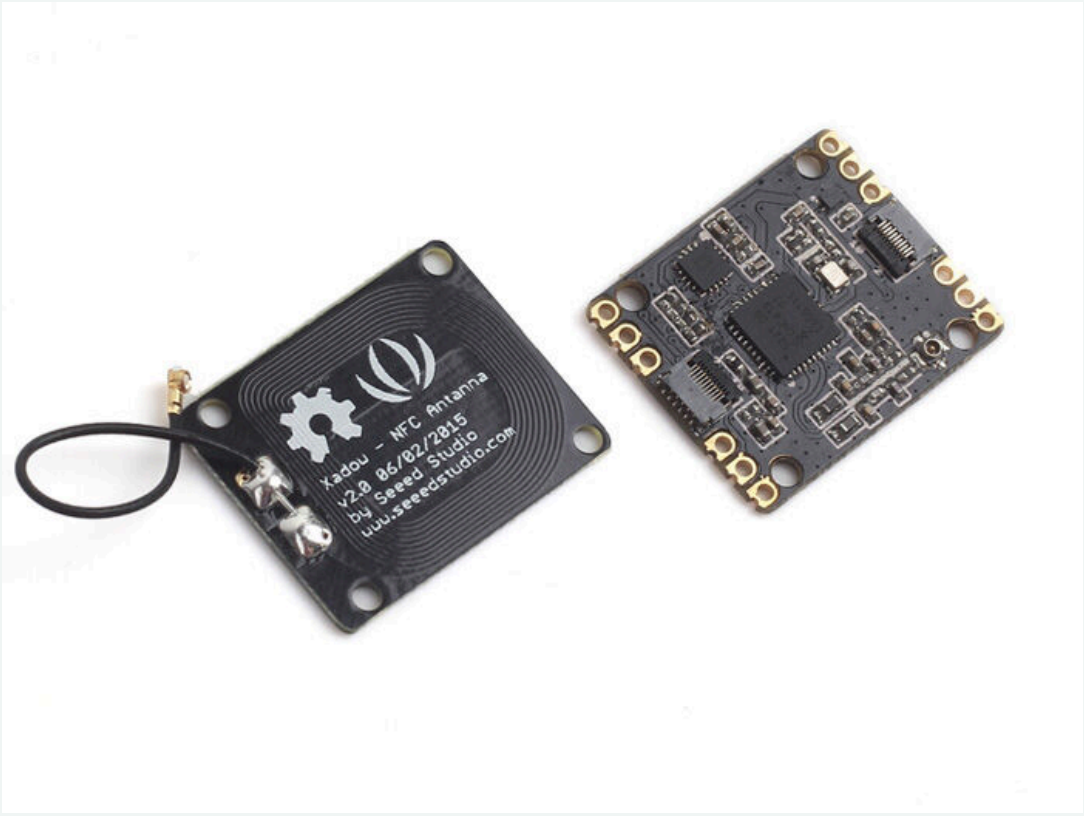
# Xadow NFC v2

The Xadow NFC v2 is a compact, stackable NFC module powered by the PN532 chipset, supporting card reading/writing and flexible Xadow connectivity.

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 113040010 | 2026-10-23 03:13:48 | $15.00(Excl. VAT) |



# Overview




The Xadow NFC v2 is an open-source, slim, and small NFC module featuring the powerful PN532 chipset. It supports reading and writing to MIFARE Classic and MIFARE Ultralight cards, with a built-in 11 PIN Xadow connector for flexible module connections.

# Key Features

The Xadow NFC v2 features the most popular NFC chip-set on the market - a highly integrated transceiver module PN532. This chip set is very powerful and can be seen in most of smartphones and NFC devices. It can be used to read and write to tags and cards, acting like NFC tags. Currently we’ve developed Arduino libraries to support reading and writing to MIFARE Class and MIFARE Ultralight Card.

The board also adopts the new 11 PIN Xadow connector to improve the flexibility of module connections.

**Near Field Communication (NFC)**

Near Field Communication (NFC) is the set of protocols for the communication of electronic devices that are close proximity to each other (typically 10cm or less). Full NFC devices usually have three working mode:

- Card Emulation: typically used in entrance card, or in smartphones to let them acts like smart cards to perform payment process or ticketing
- Reader/Writer Mode: used to read the information stored in the NFC tags
- Peer-to-peer Mode : used for data exchanging between devices

**Features:**

- Open source and modular design
- Slim and small
- Built-in 11 PIN Xadow Connectors for full flexible connection with other Xadow Modules
- Stackable, chainable and sewable with other Xadow Modules

# Product Gallery






## Part List

| | |
|---|---|
| Xadow NFC v2 | 1 |
| FPC Cable 11 PIN | 2 |

## Compliance & Logistics

| | |
|---|---|
| HSCODE | 8517709000 |
| USHSCODE | 8517710000 |
| UPC | 841454117636 |
| COO | CHINA |

# Resource Links

- https://www.seeedstudio.com/Xadow-NFC-v2-p-2562.html
- Source Code for Xadow NFC v2
- Xadow NFC v2 Schematic Files
- Datasheet of PN532
- Datasheet of Kinetis KL02

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