

## **RB-Dfr-416**

### **13.56MHz RFID Card**



As a fan of Near Field Communications(NFC), a set of short-range wireless technologies, typically requiring a distance of 10cm or less, for two devices such as smartphones or the similar things very close to each other to establish communication, I'm sure you can't wait to have an indispensable unpowered NFC chip to make your NFC module really work.

Now Mifare-One RFID card (13.56MHz) is available for you!

This Mifare-One RFID card can be read by almost any 13.56MHz RFID/NFC reader or NFC-enabled mobile devices. These chips can be written to and store up to 1KB of data in writable EEPROM divided into banks, and can handle over 100,000 re-writes. Every sticker has 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.

Compared to the other NFC tags and stickers, this kind of NFC card can reach a distance of approximately 5cm, making your NFC sensor module smarter.

The NXP TagWriter application ([Add link](#)) will be helpful to format(NDEF exchange protocol) and easy to store the contacts, bookmarks, geo location, Bluetooth Handover, SMS, Mail, text messages and many more to NFC tags and stickers.

## Applications

- Contactless payment systems
- Bluetooth and WiFi connections
- NFC modules
- Smartphone with NFC
- Specification
- Operating Frequency:13.56 MHz
- EEPROM storage: 1K Byte
- Default protocol: ISO14443A
- 4 Byte unique identifier
- Variable Identification distance:0~5+cm
- Service life: $\geq 10$  years
- Service time:100,000 re-writes
- Material: ABS/PVC
- Size:85.60 x 53.98 x 0.76mm