

## NFC Print Card with Ntag213 Chip-spec sheet



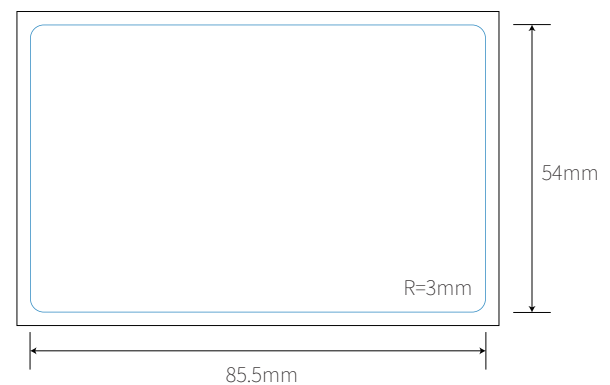
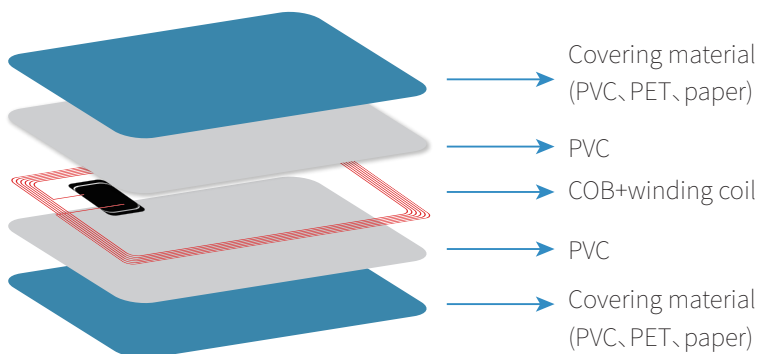
According to the type of chip, the RFID chip card can be divided into low-frequency card (125KHz), high-frequency card (13.56MHz), UHF card (860-960MHz). Ntag213 print card belongs to the high-frequency card, working on 13.56MHz. Ntag213 chip was launched along with Ntag215 and ntag216 by NXP, which is a replacement for the Ntag203 chip. Compared with the Ntag203 chip, the Ntag213 chip has some additional features including a 32-bit password and ASCII UID mirror.

Due to the excellent safety performance and better RF performance of Ntag213-chip, Ntag213 print card is widely used in financial management, communications telecommunications, social security, transportation tourism, health care, government administration, retail, storage and transportation, member management, access control attendance, identification, highways, hotels, entertainment, school management, etc.

### Parameters

Item	Ntag213 Print Card	Color	Customizable	Working Temperature	-25°C to 65°C
Material	PVC	Size	85.5*54mm	Data Retention Time	10 years
Chip	NTAG213	Memory	144 bytes	Crafts Available	silkscreen logo/Laser serial number/UID print, etc
Frequency	13.56 MHz	Reading Distance	0-10cm	Surface	Glossy/Matt/Frosted
Protocol	ISO14443A	Write Endurance	100000 times		

### Dimensional Diagram



### Feature

- ▶ A variety of printing and craft processes are available
- ▶ Exquisite in craftsmanship, smooth and without burrs, no indentation.
- ▶ Affordable, high quality, and support customization.
- ▶ Operating range up to 100mm (depending on various parameters)
- ▶ 32-bit password authentication, better safety performance
- ▶ Integrated originality signature, providing a simple but powerful product authentication method.
- ▶ Support double-sided printing
- ▶ Operating frequency of 13.56MHz
- ▶ 100% compatible with NFC-enabled devices
- ▶ 144 bytes of user data
- ▶ Operating frequency of 13.56MHz

## Available chips

### HF 13.56 MHz Chips

Chip Name	Protocol	Capacity	Frequency
Ntag213	ISO14443A	180 byte	13.56 MHz
Ntag215	ISO14443A	540 byte	13.56 MHz
Ntag216	ISO14443A	924 byte	13.56 MHz
MIFARE Classic 1K	ISO14443A	1 KB	13.56 MHz
MIFARE Classic 4K	ISO14443A	4 KB	13.56 MHz
MIFARE Ultralight EV1	ISO14443A	80 byte	13.56 MHz
MIFARE Ultralight C	ISO14443A	192 byte	13.56 MHz
ICODE SLIX	ISO15693	1024 bits	13.56 MHz