

NTAG215 NFC Anti-metal Tag- spec sheet



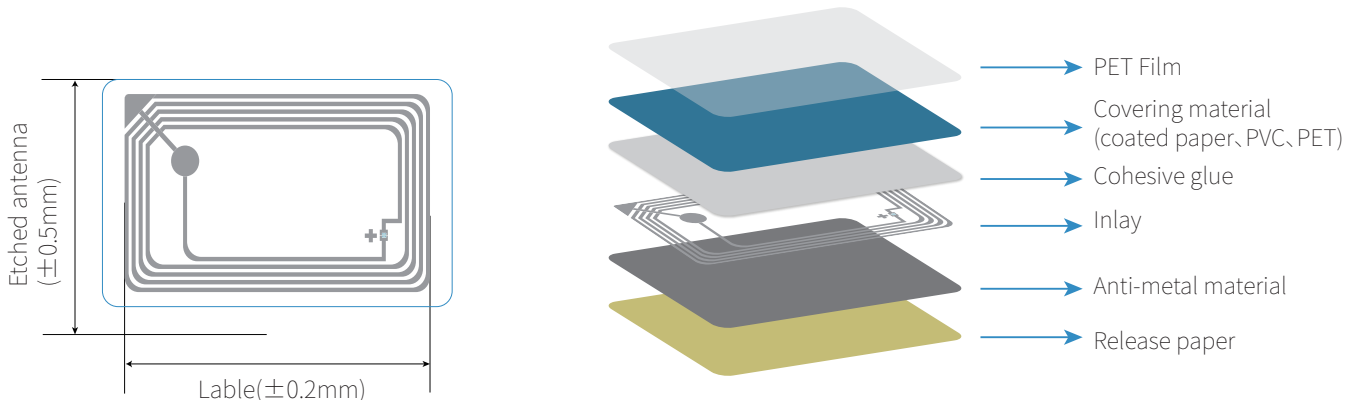
Relying on NFC technology, NFC tags can support a variety of applications, including mobile payments and transactions, peer-to-peer communication, and access to information on the move. The Ntag215 NFC anti-metal tag makes it no longer restricted by the metal surface and is more widely used.

With NFC -enabled mobile phones and Ntag215 NFC anti-metal tags, you can connect with the entertainment services and transactions your want, anywhere, anytime, and on any device, to complete payments, get poster information, and more. In addition to mobile interaction, NFC anti-metal tags are available in warehouse assets management, IT asset management, medical device management, consumer electronics, etc.

Parameters

Item	NTAG215 NFC Anti-metal Tag	Color	Red, Blue, Green, Yellow, White, etc	Working Temperature	-25°C to 65°C
Material	PVC, PET, Coated paper, Microwave absorbing material	Size	custom	Data Retention Time	10 years
Chip	NTAG215	Memory	504 bytes	Printing Options	Silk-screen printing, Laser Engraving, CMYK full color, Pantone, etc.
Frequency	13.56 MHz	Reading Distance	0-10cm	Write Endurance	100000 times
Protocol	ISO14443A				

Dimensional Diagram



Feature

- ▶ Operating frequency of 13.56MHz
- ▶ Can be erased and reprogrammed repeatedly
- ▶ 504 bytes of user memory, 540 bytes of total memory
- ▶ Field programmable read-only locking function
- ▶ Pre-programmed capability container with one time programmable bits
- ▶ Integrated originality signature to make anti-counterfeiting simple and efficient
- ▶ Waterproof, acid-proof, alkali-proof, and collision-resistant
- ▶ 100% compatible with NFC-enabled devices
- ▶ 32-bit password authentication to protect the data stored in the tag
- ▶ Manufacturer programmed 7-byte UID for each device
- ▶ UID ASCII mirror for automatic serialization of NDEF messages

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