

Product number: 17323U

NFC tag ABS - 40 x 32 mm - NTAG215 - 540 Byte - purple - printed | NXP NTAG215 | purple



Product information

We print our plastic tags using modern digital UV direct printing process, which offers high resolution, color accuracy and durability. This custom printable NFC tag features the waterproof material and its distinct temperature resistance. For your desired design, simply download our matching [print template](#) and provide us with your desired print layout conveniently via our configurator.

Short description

- ABS material, plastic, rigid
- Format: 40 x 32 mm, oval
- One-sided printing on the tag
- 4-color printable
- NFC chip: NXP NTAG215 - 540 byte (NDEF: 480 byte)
- **Note:** Key rings are enclosed separately

Product description

NFC product

The NFC tag is made of a robust and waterproof ABS material and has a format of 40 x 32 mm with a material thickness of 4.3 mm. Due to its integrated NTAG215 chipset, it is ideally suited for the industrial sector, e.g. for access control on construction sites or for time recording of employees indoors as well as outdoors.

Print

Our tags are printed using the modern digital UV direct printing process, which offers high resolution, color accuracy and durability. This makes it possible to display images in photo-realistic quality or print tiny font sizes in a legible manner. This environmentally friendly technology allows us to personalize your products on one or both sides, adding logos, images, text or other designs from a wide range of colors. The applied ink layer is abrasion resistant as well as resistant to water, sunlight and chemicals.

For your individual desired design, please download our matching [print template](#) and provide us with your desired print layout conveniently via our configurator.

NFC chip

The ABS tag is equipped with the original NXP NTAG215, which occupies the midfield in the NTAG21x series and represents a good compromise between memory size and cost. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG215 has a total capacity of 540 bytes (free memory 504 bytes), of which usable memory in the NDEF is 480 bytes. Each individual chip has a unique serial number (UID) consisting of 7 bytes (alphanumeric, 14 characters). The NFC chip can be written up to 100,000 times and has a data retention of 10 years. The NTAG215 has the UID ASCII Mirror feature, which allows the tag's UID to be appended to the NDEF message, as well as an integrated NFC counter that automatically increments during readout. Both features are not enabled by default. The NTAG215 is compatible with all NFC-enabled smartphones, the NFC21 tools, and all ISO14443 terminals.

- Total capacity: 540 bytes
- Free memory: 504 bytes
- Usable memory NDEF: 480 byte

Product properties

Product number	17323U
Antenna format	22 mm
Available colours	dark green, green, grey, black, blue, red, orange, white
Functions	Write protection, UID ASCII Mirror, 32-bit Password, 24-bit Counter, ASCII Mirror, 7 Byte UID, ECC-based original signature, true anticollision, rewritable
Dimensions	40 x 32 mm (W x H)
Frequency	13.56 MHz
Material thickness	4,3 mm (T)
Memory	540 Byte (free: 504 Byte, NDEF: 480 Byte)
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
Detail colour	purple
Storage temperature	Min -55°C - Max +125°C
Chip standards / ISO Norm	ISO 14 443-3 A, ISO 14 443-2 A
Colour category	violet
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Weight	4 g
Material	ABS
Compatibility	to NFC-enabled smartphones: 100%

Product form	oval
Antenna	Copper
NFC Forum Type	NFC Forum type 2
Type	Keyfob
Delivery options	single
Water resistance	waterproof (IP67)

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