Product number: 68205U

NFC tag ABS - 40 x 32 mm - NTAG213 - 180 byte - green - printed | green | NXP NTAG213



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 NTAG213 - 180 byte (NDEF: 137 byte)
- **Note**: Key rings are enclosed separately

Product description

NFC product

The NFC tag made of robust ABS is often used in industrial applications due to its waterproof material and its distinct temperature resistance. The integrated NTAG213 chipset guarantees that the tag can be read by all NFC-enabled smartphones and provides enough memory for URLs or other short information.

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 legibly. 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 NTAG213 and offers a cost-effective entry into the NTAG21x series. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG213 has a total capacity of 180 bytes (free memory 144 bytes), of which usable memory in the NDEF is 137 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 NTAG213 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 NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools, and all ISO14443 terminals.

- Total capacity: 180 bytes
- Free memory: 144 bytes
- Usable memory NDEF: 137 byte

Product properties

Product number	68205U
Antenna format	22 mm
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
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)
Detail colour	green
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
Storage temperature	Min -55°C - Max +125°C
Chip standards / ISO Norm	ISO 14 443-3 A , ISO 14 443-2 A
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Colour category	green
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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