

Product number: 68744

NFC Sticker Circus Tamper Loop - NTAG213 - 180 byte - transparent



coe-datasheet-sw6.pdf.productInformation

The Circus Tamper Loop NFC Sticker is explicitly designed for tamper and piracy detection and authentication, making it particularly suitable in supply chain & asset management, healthcare or industrial applications.

Short description

- PET material, flexible, self-adhesive
- not suitable for metallic/conductive surfaces
- Format: 54 x 22 mm
- Application indoor, conditionally also outdoor
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

Product description

NFC product

The surface material of the transparent NFC sticker is made of PET. The sticker has a total length of 54mm. The diameter of the circle is 24mm. The loop has a length of 30mm and a width of 10mm. The height of the NFC sticker is 0.20mm. The antenna is visible from the outside. The chipset of the sticker is compatible with all popular NFC-enabled smartphones.

NFC chip

The PET Sticker 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 byte
- Usable memory NDEF: 137 byte

Product properties

Product number	68744
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Product form	individual
Frequency	13.56 MHz
Chip	NXP NTAG213
Detail colour	transparent
Material thickness	0,2 mm (T)
Colour category	transparent
Data transfer rates	106 kbit/s
Available colours	transparent
Storage temperature	Min -55°C - Max +125°C
Dimensions	54 x 24 mm (W x H)
Type	Sticker
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
Material	PET
Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag
NFC Forum Type	NFC Forum type 2

More images

