

Product number: 68518

## NFC Starter Kit S - 3 pieces



### coe-datasheet-sw6.pdf.productInformation

The NFC Starter Kit S offers a cost-effective introduction to the possibilities of NFC technology. The Starter Kit contains three of our most popular NFC products with different chip sets for you to try out.

### Short description

- PET (sticker, magnet), epoxy (pendant), robust
- partly suitable for metallic/conductive surfaces
- Indoor and outdoor use
- ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213), NXP NTAG215 (NTAG215), NXP NTAG216 (NTAG216)

### Product description

#### NFC product

Each product in the Starter Kit contains a different chipset and therefore has different amounts of memory for different applications. The following products are included in this Starter Kit:

- 1 x NFC sticker PET - 30 mm - NTAG213 - 180 byte - blue - with logo
- 1 x NFC Magnet PET - 30 x 30 mm - NTAG215 - 540 Byte - blue - with logo
- 1 x NFC tag epoxy - NTAG216 - 924 byte - blue

#### NFC chip

The products are equipped with different chipsets from the NXP NTAG21x series.... The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. 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. All chips have 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 chips are compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 terminals.

## Product properties

Product number	68518
Chip	NXP NTAG216, NXP NTAG215, NXP NTAG213
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte), 540 Byte (free: 504 Byte, NDEF: 480 Byte), 924 Byte (free: 888 Byte, NDEF: 868 Byte)
Further links	starterkit
Frequency	13.56 MHz
Available colours	blue
Data transfer rates	106 kbit/s
Dimensions	30 mm Ø, 30 x 30 mm (W x H)
Material	PVC, PET
Storage temperature	Min -55°C - Max +125°C
Type	Sticker, Magnet, Keyfob
Chip standards / ISO Norm	ISO 14 443-3 A, ISO 14 443-2 A
Detail colour	blue
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Compatibility	to NFC-enabled smartphones: 100%
Water resistance	waterproof
NFC Forum Type	NFC Forum type 2

## More images

