

Product number: 68842

NFC Wristband Fabric - 185 x 25 mm - NTAG216 - 924 Byte - light blue - size M - diameter 59 mm | dark green



coe-datasheet-sw6.pdf.productInformation

The stylish NFC wristband made of light blue fabric with orange stripes offers enough memory via the integrated NTAG216 to implement a wide range of application scenarios. Therefore it is especially popular at trade shows or as a give-away.

Short description

- Fabric, flexible
- size S: 170 x 25 mm / diameter 54 mm, also available in size M
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG216 (NTAG216) - 924 Byte (NDEF: 868 Byte)

Product description

NFC product

The light blue wristband is made of flexible fabric. The NFC chip itself is made of PVC and is therefore waterproof. The NXP NTAG216 chipset is sewn into the NFC logo. The NFC wristband in size S has a diameter of 54 mm and a height of 25 mm. It is also available in another size (M) and in 5 different color combinations. From a minimum order quantity of 500 pieces we can also print this wristband individually for you.

NFC chip

The NFC wristband is equipped with the original NXP NTAG216, which offers the largest memory available in the NTAG21x series to date. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG216 has a total capacity of 924 bytes (free memory 888 bytes), of which usable memory in the NDEF is 868 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 NTAG216 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 NTAG216 is compatible with all NFC-enabled smartphones, the NFC21 tools and all

ISO14443 terminals.

Total capacity: 924 bytes

Free memory: 888 bytes

Usable memory NDEF: 868 bytes

Product properties

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|----------------------------|--|
| Product number | 68842 |
| Weight | 0.07kg |
| Chip | NXP NTAG216 |
| Available colours | dark green, green, grey, light blue, dark blue |
| Material | Fabric |
| Frequency | 13.56 MHz |
| Memory | 540 Byte (free: 504 Byte, NDEF: 480 Byte) |
| 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 |
| Dimensions | 185 x 25 mm (Diameter: 59 mm) |
| Colour category | green |
| Detail colour | dark green |
| Compatibility | to NFC-enabled smartphones: 100% |
| Weight | 7 g |
| Further links | ntag |
| Type | Wristband |
| Antenna | Aluminium |
| NFC Forum Type | NFC Forum type 2 |
| Water resistance | waterproof (IP67) |

More images

