Product number: 17104U

# NFC keyfob bamboo - 30 mm - NTAG213 - 180 byte - wood look - printed




## Product information

Our bamboo wood keyfob are printed using modern digital UV direct printing process, which offers high resolution, color accuracy and durability. This custom printable NFC tag features sustainable material and optical high quality wood look. For your desired design, simply download our matching print template and provide us with your desired print layout conveniently via our configurator.

## Short description

- Bamboo material
- Format: 30 mm, round
- Printing on one or both sides of 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 bamboo keyfob is recommended for those who are looking for an eco-friendly and high-quality NFC keychain. The integrated NTAG213 chipset is compatible with all NFC-enabled smartphones and is widely used for storing URLs or other short information.

### Print

Our fobs are printed using the advanced 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.

**Note:** Single-sided printing is included in the product price. A one-time setup fee will be charged additionally for setup of one-sided/two-sided printing.

You can add the printing of the tag via the configurator. You can find the appropriate print template for printing a free motif here. Please note that deviations in printing may occur with full-surface printing.

## NFC chip

The bamboo 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

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|---|---|
| **Product number** | 17104U |
| **Memory** | 180 Byte (free: 144 Byte, NDEF: 137 Byte) |
| **Detail colour** | brown |
| **Functions** | Write protection , UID ASCII Mirror , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable |
| **Frequency** | 13.56 MHz |
| **Material** | Bamboo , Wood |
| **Antenna format** | 25 mm |
| **Chip** | NXP NTAG213 |
| **Data transfer rates** | 106 kbit/s |
| **Dimensions** | 30 mm Ø |
| **Storage temperature** | Min -55°C - Max +125°C |
| **Colour category** | braun |
| **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 |
| **Product form** | round |
| **Compatibility** | to NFC-enabled smartphones: 100% |
| **Antenna** | Aluminium |
| **Weight** | 2 g |

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|---|---|
| **Available colours** | light brown |
| **NFC Forum Type** | NFC Forum type 2 |
| **Type** | Keyfob |
| **Material thickness** | 1,3 mm (T) |
| **Delivery options** | single |

# More images

