Product number: 17164UE1

NFC Card PLA printed on one side - 85,6 x 54 mm - NTAG213 - 180 Byte - white glossy | printed on one side

coe-datasheet-sw6.pdf.productInformation

The NFC card made of PLA in a practical credit card format is an alternative for anyone who values the use of renewable raw materials. The PLA plastic is made from corn starch. The integrated NTAG213 chipset technology makes the NFC card highly versatile. Areas of application range from check-in functions to time recording and access control. In addition, it is compatible with all NFC-enabled smartphones, making it easy to run various apps.

Short description

- Bioplastic (PLA) made from corn starch
- Format 85,6 x 54 mm
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 bytes (NDEF 137 bytes)
- Printed on one side
- 4-colour printable
- Print finish: semi gloss

Product description

NFC product

The white NFC card is made of the bio-plastic PLA and has a format of 85,6 x 54 mm with a material thickness of 0,86 mm. It has a shiny white surface and fits easily into standard wallet compartments for cards thanks to its typical credit card format. The card material is waterproof and is therefore ideal for both indoor and outdoor use.

Print

Our NFC cards made from PLA are printed using a process that offers high resolution, colour accuracy and durability. This makes it possible to display images in photorealistic quality or to print even tiny font

sizes legibly. This environmentally friendly technology enables us to personalise your products on one or both sides and add logos, images, text or other designs from a wide range of colours. The applied colour layer is abrasion-resistant and resistant to water, sunlight and chemicals.

For your desired design, simply download our suitable print template and provide us with your desired print layout conveniently via our configurator.

NFC chip

The NFC Card PLA 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 137 bytes are usable memory in the NDEF. Each individual chip has a unique serial number (UID) consisting of 7 bytes (alphanumeric, 14 characters). The NFC chip can be written to up to 100,000 times and has a data retention period of 10 years. The NTAG213 has the UID ASCII mirror feature, with which the UID of the tag can be appended to the NDEF message, as well as an integrated NFC counter, which increases automatically when reading. Both functions are not activated by default. The NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 end devices.

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

Do you need higher quantities?

Contact us

Product properties

Product number	17164UE1
Material	PLA
Weight	6,1 g
Dimensions	85 x 54 mm (W x H)
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Frequency	13.56 MHz
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	white
Detail colour	white glossy
Product form	rectangular
Material thickness	0,86 mm (T)
Compatibility	to NFC-enabled smartphones: 100%
Available colours	white
Antenna	Aluminium
NFC Forum Type	NFC Forum type 2
Type	Card

Adhesive layer	No
Water resistance	waterproof (IP67)

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