Datasheet for NFC card PVC printed on both sides - 85,6 x 54 mm - ICODE SLIX - 128 Byte - white glossy | printed on both sides (68060UE2)

NFC21

Product number: 68060UE2

NFC card PVC printed on both sides - 85,6 x 54 mm - ICODE SLIX - 128 Byte - white glossy | printed on both sides

coe-datasheet-sw6.pdf.productInformation

The white, waterproof NFC card made of PVC with the ICODE SLIX is ideal for use in all aspects of merchandise security. At the same time, it is particularly suitable for authenticity certification.

Short description

- PVC material, rigid
- Format 85,6 x 54 mm
- Indoor and outdoor use
- Ambient temperature -25 to +70 degrees
- NXP ICODE SLIX (SL2S2002) - 128 bytes (NDEF: 106 bytes)
- Printed on both sides
- 4-color printable
- Print finish: semi gloss

Product description

NFC product

The white NFC card is made of PVC and has a format of 85.6 x 54 mm with a material thickness of 0.86 mm. It has a glossy, smooth surface and fits easily into standard wallet compartments for cards thanks to its typical credit card format. The PVC material of the card is waterproof and is therefore ideal for both indoor and outdoor use.

Print

Our products 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.

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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 white PVC NFC card is equipped with the original ICODE SLIX (SL2S2002). NXP has designed the ICODE SLIX series for use as an intelligent label and optimized it accordingly for small designs and smaller data volumes. Other functions of the ICODE SLIX include the option of write-protecting the content. The chip also supports the function of electronic article surveillance with password protection (EAS). In combination with the increased range, this makes it possible, for example, to monitor items and their authorized removal at a gateway (use for loan books and media). Thanks to the Application Family Identifier (AFI) function, the chip is able to inform the reader of the intended use.

The ICODE SLIX has a total capacity of 128 bytes, of which 106 bytes are usable memory in the NDEF. The ICODE SLIX has a unique 8-byte serial number (UID). The NFC chip can be written to up to 100,000 times. The ICODE SLIX is characterized on the one hand by a long service life of the data of 50 years (data retention) and on the other hand by a higher range compared to the NXP NTAG series. In practical terms, this means that smartphones can read the ICODE SLIX from distances of up to 1-5 cm (compared to the NTAG, which is practically 1-3 cm). With appropriate readers (not smartphones), distances of up to 1.5m are also possible.

- Total capacity: 128 bytes
- Free memory: 112 bytes
- Usable memory NDEF: 106 bytes

Do you need higher quantities?

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Product properties

Product number	68060UE2
Weight	6,1 g
Dimensions	85 x 54 mm (W x H)
Functions	8 Byte UID, 32-bit Password, true anticollision
Chip standards / ISO Norm	ISO/IEC 15693, ISO/IEC 18000-3
Frequency	13.56 MHz
Ambient temperature	-25 to 70 degrees
Material	PVC
Storage temperature	Min -55°C - Max +125°C
Operating temperature	Min -25°C - Max +70°C
Number of write operations	100.000 times
Colour category	white
Detail colour	white glossy
Product form	rectangular
NFC Forum Type	NFC Forum type 5
Material thickness	0,86 mm (T)
Compatibility	to NFC-enabled smartphones: 100%
Chip	I-CODE SLIX
Memory	128 Byte (free: 112 Byte, NDEF: 106 Byte)
Antenna	Aluminium
Data transfer rates	53 kbit/s
Data retention	50 years

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Type	Card
Adhesive layer	No
Water resistance	waterproof (IP67)

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More images

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