

MIDAS NFC

Ideal performance for small products.



Midas NFC tag is designed for products with space restrictions. Due to its small footprint, Midas NFC tags are well suited for applications where inlays are embedded with limited space available for housing such as electronics pairing, NFC-Bluetooth pairing, brand authentication, toy figures, and key fobs. The tag is ideally suited for linking a broad range of services and options residing in the cloud.

Midas NFC with NTAG213 IC comes with the unique ID (UID) mirror functionality which enables the IC's serial number to be mirrored as part of its encoded URL address. This feature enables every tag to be seen and read as unique from the application perspective, without requiring users to encode tags with variable numbers.

Midas NFC products are based on the ISO14443A standard and are compatible with NFC Forum standards.

Benefits:

- ▶ Very good performance for linking small objects with cloud services.
- ▶ Highly reliable NFC tag with small form factor.
- ▶ Ideal for NFC tagging of products with space restrictions, such as electronics, cosmetics and toys.
- ▶ UID mirror functionality.
- ▶ Originality signature feature.
- ▶ ISO 14443A and NFC Forum Type 2 Tag applications compliance.

Overview

Operating Frequency

13.56 MHz

Integrated Circuit (IC)

NXP NTAG213

Antenna Size

10 x 17 mm (0.39 x 0.67 in)

Die-cut Size

12 x 19 mm (0.47 x 0.75 in)

International Standards

ISO 14443 A

NFC Forum

Quality Assurance

100% performance tested

Application Areas

Various NFC applications in:

- ▶ Games & Toys
- ▶ Media & Ads
- ▶ Loyalty Apps
- ▶ Electronics Pairing
- ▶ Product Authentication

More information:

www.NFCtags.com

MIDAS NFC

Technical Features	
IC	NXP NTAG213
Memory	1152 bit / 144 byte
Frequency	13.56 MHz
Antenna Size	10 x 17 mm / 0.39 x 0.67"
Die-cut Size	12 x 19 mm / 0.47 x 0.75"
Web Width	24 mm / 0.95"
Operating Temperature	-25°C to 70°C / -13°F to 158°F
Bending Diameter (D)	> 50 mm, tension max. 10 N
Delivery Formats	Wet inlay
Adhesive	Acrylic, water borne adhesive
Adhesive Usage Temperature	min. -20°C to 80°C / min. -4°F to 176°F
Qty/Reel	5,000 per reel
Core Size	76 mm / 3"
Shelf Life: minimum of 2 years from the date of manufacture in	20°C / 68°F, 50% RH

SMARTRAC TECHNOLOGY GROUP uses three different qualification methods to evaluate the quality and reliability of RFID inlay and tag products. Products are tested according to IEC 60068-2-67 (temperature and humidity), JEDEC22-A104-B (temperature cycling) and an in-house developed bending test.



RoHS CE

For further information, please contact our sales representatives:

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