SMARTRAC ((•))

BULLSEYE NFC

All-around and highly reliable NFC tag with market leading performance.

Operating Frequency
13.56 MHz

Integrated Circuit (IC)
NXP NTAG213

Antenna Size
Ø 35 mm (1.38 in)

Die-cut Size
Ø 38 mm (1.50 in)

International Standards
ISO 14443 A
NFC Forum

Quality Assurance
100% performance tested

Application Areas

Various NFC applications in:
- Retail Environment
- Social Media
- Games & Toys
- Location
- Media & Ads
- Business Cards
- Postcards & Calendars
- Loyalty Apps
- Electronics Pairing
- Product Authentication

More information:
www.NFCtags.com

BullsEye NFC tags with the NXP NTAG213 chip offer high reliability and market-leading performance. Unique ID (UID) mirror functionality suits high-volume product authentication and marketing applications.

The UID mirror functionality 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.

BullsEye NTAG213 NFC tags provide a high-performance, cost-effective solution for product authentication, magazine ads, smart posters, postcards and other high-volume applications.

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

Benefits:

- BullsEye NFC is a top-performing product offering an ideal balance between size and performance for NFC mobile devices.

- UID mirror functionality.

- Originality signature feature.

- Etched NFC Forum N-Mark provides easy visual recognition.

- ISO 14443A and NFC Forum Type 2 Tag applications compliance.

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Technical Features	
IC	NXP NTAG213
Memory	1152 bit / 144 byte
Frequency	13.56 MHz
Antenna Size	Ø 35 mm / 1.38"
Die-cut Size	Ø 38 mm / 1.50"
Web Width	41 mm / 1.61"
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	4,000 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), JESD22-A104-B (temperature cycling) and an in-house developed bending test.

RoHS CE

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