

# NXP NTAG® 213

## RFID Silicone Wristband

AZ-NTAG213-SW



### Key Features

Operating Frequency	HF 13.56MHz
Chip Type	NXP® NTAG® 213
International Standard	ISO/IEC 14443-A, NFC Forum Type 2
User Memory	144 bytes
Compliance	WEEE directive
Operating Environment	-30°C to +220°C

## 1. Product Overview

The NTAG®213 RFID silicone wristbands come with built-in NFC functionality, enabling fast communication with NFC devices, and are ideal for a range of scenarios including events, consumer electronics, cashless payment, and social engagement. These wristbands boast robust security features, such as unique UID and password protection, ensuring data security. Moreover, their soft and comfortable material, combined with durability, makes them perfect for extended wear.

## 2. Product Parameters

### 2.1 Physical Characteristics

SKU	AZ-NTAG213-SW
Material	Silicone
Characteristics	Waterproof, high temperature resistant
Specification	Adjustable: SW05, SW06, SW07, SW09, SW10-1C, SW10-2C, SW11-1C, SW11-2C Non-adjustable: SW01/SW02, SW03, SW04, SW08

\* Detailed specification of each model will be specified in the attached leaflet



2.2 Technical Parameters

Operating Frequency	13.56MHz
Communication Protocol	ISO/IEC 14443-A, NFC Forum Type 2
Communication Rate	106 kbit/s
Operating Distance	Up to 10 cm
ECC	Support originality signature
Input Capacitance	50 pF

2.3 Chip Characteristics

Chip Manufacturer	NXP®
Chip Type	NTAG® 213
Data Retention Time	10 years
Write Endurance	100,000 times
User Memory	144 bytes
Anti-collision	Support
ECC	Support originality check
Special Functionality	Fast read command

2.4 Additional Information

Operating Environment	-30°C to 220°C
Application	Access Control   Event Management   Cashless Payments   Consumer Electronics



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