MIFARE Ultralight® C RFID Silicone Wristband

HF **ISO/IEC 14443-A**

Key Features

Operating Frequency
HF 13.56MHz

Chip Type
NXP® MIFARE Ultralight® C

International Standard
ISO/IEC 14443-A 1-3

User Memory
144 bytes

Compliance
WEEE directive

Operating Environment
-30°C to +220°C

1.   Product Overview

This MIFARE Ultralight® C RFID silicone wristband offers outstanding performance and security features. It is designed for contactless smart ticket applications. With advanced 3DES authentication and unique serial number technology, it effectively prevents data cloning or tampering, ensuring strong security for user information. Tailored for use in public transport, event tickets, hospitality and loyalty programs, it's the perfect choice for those seeking both convenience and security.

2.   Product Parameters

2.1 Physical Characteristics

SKU	AZ-ULT C-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

RFID Tag

2.2 Technical Parameters

Operating Frequency	13.56MHz
Communication Protocol	ISO/IEC 14443-A 1-3
Communication Rate	106 kbit/s
Operating Distance	Up to 10cm
Input Capacity	50 pF

2.3 Chip Characteristics

Chip Manufacturer	NXP ®
Chip Type	MIFARE Ultralight® C
Single Write Endurance	100,000 times
User Memory	144 bytes
Access Protection	3DES authentication
OTP Area	32 bit
Counter	1 x 16 bit
Cloning Protection	Support

2.4 Additional Information

Operating Environment	-30°C to 220°C
Application	Event Management	Loyalty Programs	Hospitality	Public Transport