



NXP® MIFARE Ultralight® EV1 RFID Silicone Wristband



SKU:	RS-ULT EV1-SW
Chip Type:	NXP® MIFARE Ultralight® EV1
Frequency:	HF 13.56 MHz
Read Range:	Up to 10 cm
User Memory:	48 byte
R/W Availability:	Read/Write
Protocol:	ISO/IEC 14443-A
Industry:	Retail, Events, Healthcare
Applications:	Access Control, Event Management, Attendance Management

The MIFARE Ultralight® EV1 HF RFID Silicone Wristband masterfully blends flexibility and robust durability with cutting-edge security features. Engineered for seamless contactless data transmission and fortified with anti-collision technology, this wristband is the quintessential solution for secure access control, efficient event ticketing, comprehensive membership programs, and convenient cashless payments. Its inherent intelligence, security, and reliability make it an indispensable tool for modern, high-traffic applications.

Powered by the NXP® MIFARE Ultralight® EV1 chip, this wristband operates flawlessly within an ISO/IEC 14443-A compliant environment, offering a superior replacement for traditional ticketing methods like paper or magnetic stripe tickets. Its enhanced feature set and command capabilities provide greater efficiency and design flexibility, making it perfectly suited for public transportation, loyalty programs, and day passes for events. This ensures a secure, convenient, and reliable experience for users across diverse applications.

Physical Information	Material	Silicone
	Characteristics	Waterproof, high temperature resistant
	Compliance	WEEE directive
	Specification	Adjustable: SW05, SW06, SW07, SW09, SW10-1C, SW10-2C, SW11-1C, SW11-2C Non-adjustable: SW01/02, SW03, SW04, SW08
	Operating Environment	-30°C~+220°C
	Storage Environment	+18°C~+28°C, 40%~60% RH

Technical Information	Operating Frequency	13.56 MHz
	Communication Protocol	ISO/IEC 14443-A
	Operating Distance	Up to 10 cm
	R/W Availability	Read/Write
	Chip Type	NXP® MIFARE Ultralight® EV1
	User Memory	48 bits
	EEPROM	80 bytes/164 bytes
	Access Protection	32-bit password + password acknowledge

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

● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
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