



NXP® MIFARE® Ultralight® C Round NFC Label



SKU:	RS-ULC-CP-D30
Chip Type:	NXP® MIFARE® Ultralight® C
Frequency Band:	HF 13.56 MHz
Protocol:	ISO/IEC 14443-A, NFC Forum Type 2
User Memory:	144 bytes
UID Memory:	7 bytes
Read Range:	Up to 10 cm
Industry:	Retail, Events, Catering, Jewelry, Apparel and Fashion
Applications:	Inventory, Jewelries & Sunglasses, Warehouse, NFC, Product Authentication, Brand Protection

Unlock secure connectivity with the Round NFC Label Ø30 mm powered by NXP® MIFARE® Ultralight® C. Featuring advanced 3DES authentication and full compliance with ISO/IEC 14443-A standards, this smart label combines powerful data protection with seamless NFC interaction. Its compact 30 mm round design ensures strong reading performance while maintaining a discreet and elegant appearance, making it ideal for modern branding needs.

Perfect for ticketing, access control, event management, and brand authentication, this NFC label not only safeguards against counterfeiting but also creates engaging digital experiences for customers. By enabling instant access to product information, promotions, or interactive content with a simple tap, it helps businesses strengthen customer trust and boost engagement while ensuring secure, scalable, and cost-effective deployment.

Physical Information	Material	Coated Paper
	Label Size	Ø30 mm
	Antenna Size	Ø27 mm
	Operating Environment	-20°C~+50°C, 20%~80% RH
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Mounting Method	Stick
	Surface	Paper Carton, Plastic, Wood
	Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Labels with black-dot marks are bad ones, do not use.

Technical Information	Operating Frequency	13.56 MHz
	Protocol	ISO/IEC 14443-A, NFC Forum Type 2
	Chip Type	NXP® MIFARE® Ultralight® C
	Read Range	Up to 10 cm(depending on antenna geometry)
	Operating Mode	Passive
	Data Transfer	106 kbit/s
	User Memory	144 bytes
	UID Memory	7 bytes
	OTP Area	32-bit
	High Data Integrity	16-bit CRC
	Fast Counter Transaction	<10 ms
	Typical Ticketing Transaction	<35 ms
	Anti-Collision Function	Yes
	Security Features	3DES Authentication

Packaging Information	Packing Format	Packed in roll, vacuumed packing in ESD bag
	Roll OD	Max. 203.2 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	1000 pcs/roll, weight per roll 1.4 kg

● **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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