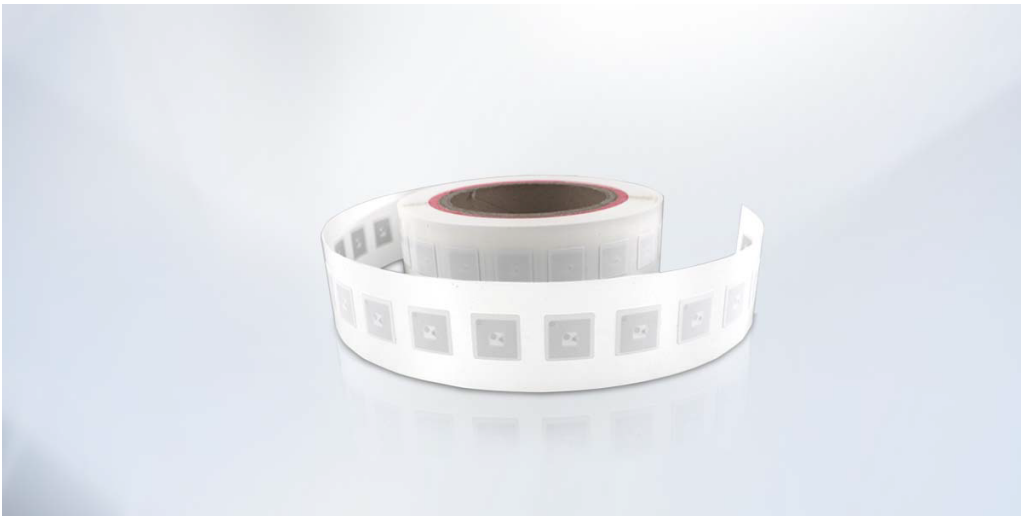


15×15mm NXP ICODE® 3

NFC Label

AZL-ICD3-CP-1515



Key Features

Operating Frequency
HF 13.56 MHz

Chip Type
NXP ICODE® 3

International Standard
ISO/IEC 15693, NFC Forum Type 5

User Memory
2400 bits

Read Range
Up to 1.5 m

1. Product Overview

The 15×15 mm NXP ICODE® 3 NFC label offers reliable and efficient RFID capabilities for a wide range of applications. With its compact size and high memory capacity, it is ideal for asset tracking, inventory management, and access control. Featuring NXP's advanced ICODE® 3 chip, this label ensures fast and secure communication, making it a perfect choice for industries requiring quick, reliable, and contactless data transfer.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZL-ICD3-CP-1515
Material	Coated Paper
Label Size	15×15 mm
Antenna Size	12×12 mm

2.2 Technical Parameters

Operating Frequency	13.56 MHz
Communication Protocol	ISO/IEC 15693, NFC Forum Type 5
Read Range	Up to 1.5m
Operating Mode	Passive



2.3 Chip Characteristics

Chip Manufacturer	NXP®
Chip Type	ICODE® 3
User Memory	2400 bits
Write Endurance	100,000 times
Data Retention	50 years
Data Transmission	212 kbit/s
Capacitance	97 pF
ECC Originality Signature	32/48 bytes
Unique Identifier	8-byte
User Memory Protection	32-bit password
Configuration Memory Protection	32-bit password
EAS and AFI Protection	32-bit password
Auto-Mirrored NFC Feature Extension	Serialized Dynamic NFC Messages (Supported on Android and iOS)

2.4 Additional Information

Operating Environment	-20°C to +50°C, 20% to 80% RH
Storage Environment	+18°C to +28°C, 40% to 60% RH
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.

2.5 Packaging

Packing Format	In roll, vacuumed packing in ESD bag
Roll OD	Max. 156 mm
Core ID	3 inch(76.20±0.50 mm)
Packing Quantity	2500 Pcs/roll, per roll 0.46 kg

3. Label Dimensions

