

NXP ICODE® SLIX

NFC FPCB Tag

AZT-SLIX-FPCB-D20



Key Features

Operating Frequency
HF 13.56MHz

Chip Type
NXP ICODE® SLIX

International Standard
ISO/IEC 15693, ISO/IEC 18000-3,
NFC Forum Tag Type 5

User Memory
112 bytes

Operating Environment
-20~+50°C, 95% humidity

1. Product Overview

The NXP ICODE® SLIX NFC FPCB tag is a cutting-edge innovation that combines high-performance NFC technology with a flexible printed circuit board (FPCB) design. Built to withstand heat and pressure, it's perfect for re-encapsulation. Equipped with the ICODE® SLIX chip, this tag features anti-collision technology to avoid signal interference from nearby tags, 32-bit password-protected EAS security, and an EAS AFI DSFID locking mechanism for enhanced data protection. With its compact design, advanced security features, and reliable performance, this tag is an ideal solution for a variety of applications, including item-level tagging in pharmaceutical supply chains, counterfeit protection for consumer goods, asset tracking, and more.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZT-SLIX-FPCB-D20
Material	FPCB
Diameter	20mm ± 0.3mm
Thickness	FPCB: 0.15mm, Chip: 0.7mm
Weight	0.137g

2.2 Technical Parameters

Operating Frequency	13.56MHz
Communication Protocol	ISO/IEC 15693, ISO/IEC 18000-3, NFC Forum Tag Type 5
Reading Distance	2-4cm
Response Time	<80ms



2.3 Chip Characteristics

Chip Manufacturer	NXP®
Chip Type	NXP ICODE® SLIX
User Memory	112 bytes
UID Memory	8 byte
Communication Rate	53 kbit/s
Security	32-bit password EAS protection, EAS AFI DSFID lock mechanism
Anti-collision	Anti-collision algorithm, without interference from other tags in the vicinity, Anti-collision Speed up to 60 units/s
Write Endurance	100k cycles
Data Retention Time	50 years

2.4 Additional Information

Operating Environment	-20~+50°C, 95% humidity
Application	Item-level tagging in pharmaceutical supply chains, counterfeit protection for consumer goods, asset tracking

2.5 Packaging

Packing Format	Packed in box (210×100×70mm)
Packing Quantity	2000 pcs/box, G.W.:0.4kg



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