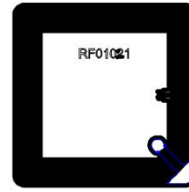# Overview

Frequency Band
NFC 13.56MHz

Chip
NXP NTAG213

Antenna Dimensions
40X40 mm/1.57X1.57inch

International Standard
ISO/IEC 14443A

Applications
NFC
Gaming and Toys
Product Authentication

This square antenna represents an excellent option which is suitable for anti-counterfeiting, gaming and toys, any other NFC applications, etc.

Each NFC Label has a unique serial number, and the chip itself has an encryption algorithm, which encrypts the written data to prevent the data from being copied into counterfeit products

OSRFID has an in-house R&D team well equipped with state of art Lab equipment which can customize a suitable label for your real-world applications.

Technical Features

Model	OS21086	OS22093	OS231275
Delivery Format	Dry Inlay	Wet Inlay	Label
Memory	180 Bytes	180 Bytes	180 Bytes
User Memory	144 Bytes	144 Bytes	144 Bytes
Die-cut Dimension	-	43*43mm	50*50mm
Inlay Substrate	50um PET	50um PET	50um PET
Standard Pitch	57mm	57mm	61mm
Web Width	55mm	55mm	55mm
Core Size	76.2mm/3inch	76.2mm/3inch	76.2mm/3inch
Quantity / Reel	10000±300Pcs/Reel	5000±2Pcs/Reel	2500±2Pcs/Reel
Operating Temperature	-20℃ to +50℃ （20% to 80%RH）		
Remarks	Other size can be customized.		