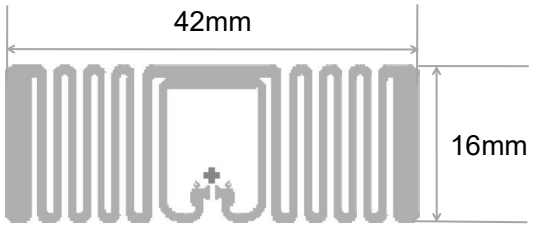
Datasheet

IDU4216

1.Dry Inlay



2.Technical Parameters

Item Name		Descriptions		Remark
Manufacturer/Chip		NXP UCODE 9	NXP UCODE 9xe	
Memory	EPC	96 bits	128 bits	Read&Write
	TID	96 bits		Read
	User	0 bit		
	Password	32-bit kill password		
Antenna Programming		Aluminum etching Al(9μm)+PET(50μm)		
Antenna Size		42*16mm		dry inlay
Label Size		44*18mm or customized		wet inlay/white label
Surface Material	wet inlay	PET		
	white label	coated paper, PET, synthetic paper, etc.		coated paper＞80%
Compliant Standard		ISO/IEC 18000-6C, EPC Class1 Gen2		
Frequency		865-868MHz(ETSI)		
Read Range		Up to 11m tested by Euro integrated reader		
Work Mode		passive		
Chip Life		write 100,000 times, save data for 10 years		
Chip ESD Protection		2000V		human body model (HBM)

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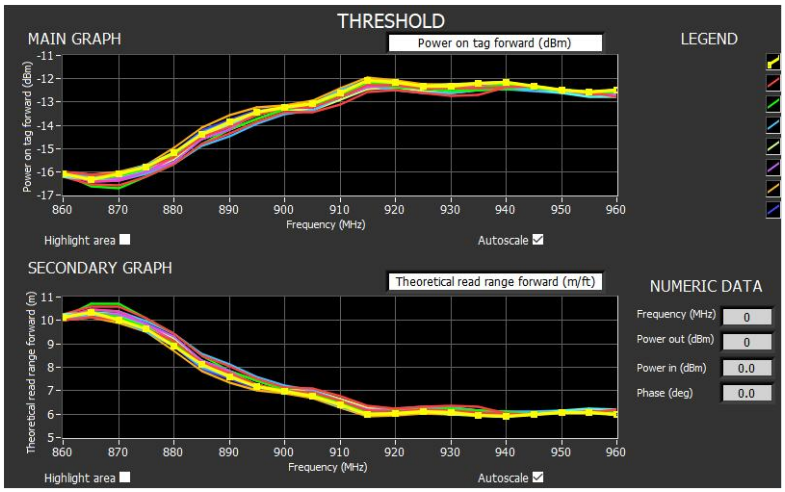
3.Tagformance Graph



4.Warnings

4.1.When transporting and using, avoid contacting with water;no violent impact, no squeezing and no bending on the chip area.

4.2.Temperature and Humidity

Operating temperature/humidity: -40℃～+70℃/20%～90% RH.

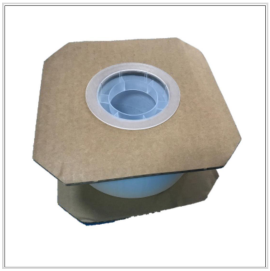
Storage temperature/humidity: -20℃～+50℃/20%～90% RH(non-condensing).

Suggested storage temperature/humidity: 20℃～30℃/50%.

5.Packing

5.1.Shipment method: in roll, electrostatic bag+carton

5.2.Shipment quantity: 3000pcs/roll, 8 rolls per carton



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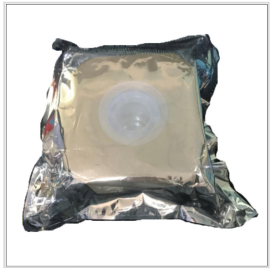

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