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Craftsman's Spirit

Discover, Connect

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Discover, Connect



About us

OPPIOT is one of the major manufacturers and suppliers of RFID industrial tags in China. Possessing a full set of RFID manufacturing equipment and a high professional and creative RFID R&D team, OPPIOT has strong independent development ability in UHF field. We stick to the principle of "Independent research and development, Independent innovation, Independent production", provide customers all over the world with high-performance, high-reliable customized and practical RFID Tag solutions. Our company has passed the ISO9001 quality management system certification and ISO14001 environmental management system certification, all products have also passed RoHS, REACH, CE certifications etc.

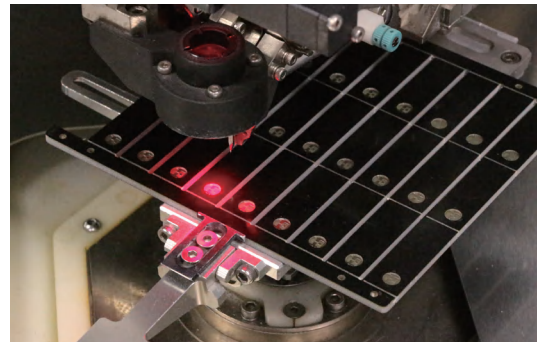
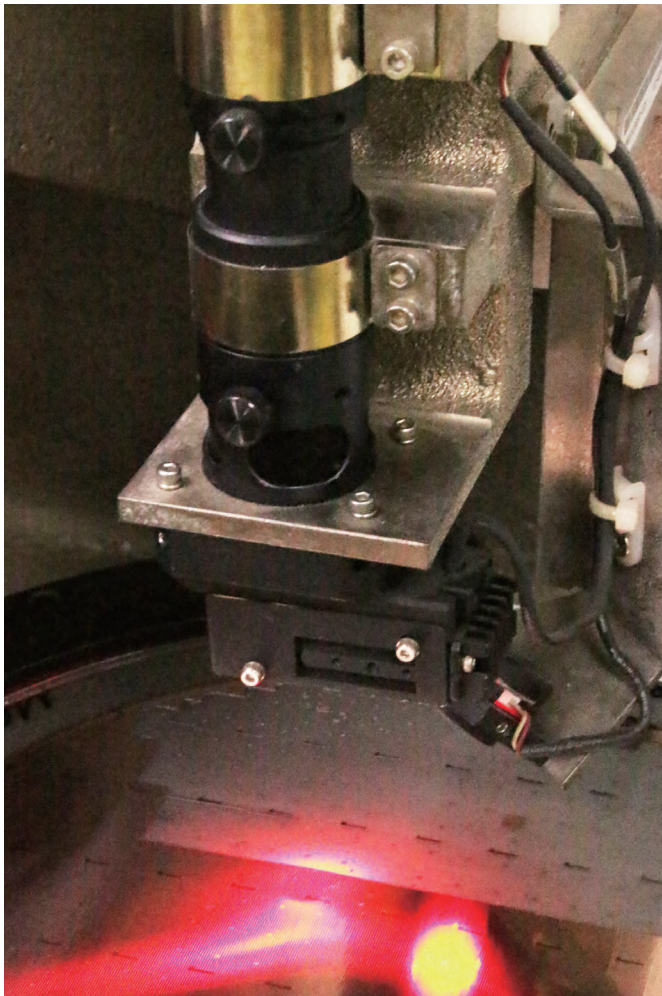
OPPIOT focuses on RFID customized tags solutions, service covering power equipment management, railway management, automobile manufacturing management, oil & gas management, semiconductor management, retail management etc.

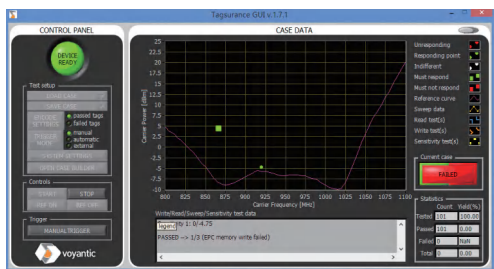
Since establishment in 2013, OPPIOT always puts customers' demands first and strives to realize the corporate vision of creating value for customers, keeps developing and innovating in RFID field. So far we have obtained several related patents because of our outstanding achievements in R&D and customization service.



Our Equipment

We have production line for RFID tags with bringing in advanced full set of equipment of bonding, sealing and testing. We offer customization service for customers in different industries both from domestic and abroad. We're committed to reinforcing our core competency in research and development, striving for excellence and mutual development.





Quality is the foundation of a company's development. All of our products have been strictly tested by Voyantic's equipment to make sure the consistency of each batch of products until delivery.



CE



RoHS



REACH



ISO14001: 2015



ISO9001: 2015

- 1.OPPIOT has been certified to ISO9001 Quality Management System and ISO14001 Environmental Management standards.
- 2.Our products have passed RoHS, REACH, CE Certifications.

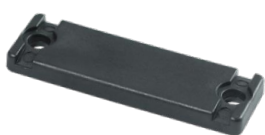


Customization Service

OEM/ODM customization workflow:

- 1.Customer requirement
- 2.Feasibility evaluation
- 3.Cost estimation
- 4.Antenna design (customer confirmation required)
- 5.Mould design (customer confirmation required)
- 6.Mould production according to the drawing
- 7.Sample trial production
- 8.Testing
- 9.Mass production
- 10.Delivery

OPPIOT has been engaged in RFID field for more than 10 years. We have extensive experience and professional knowledge on RFID tags designing and can provide fast customization service. We've been working with a number of major companies worldwide and have offered numerous solutions to customers from different industries. We offer better service with more professional attitude to meet your greater demands.



OPP6019S
Anti Acid Alkali On-Metal RFID Tag



OPP2626
Anti Acid Alkali On-Metal RFID Tag



OPPD30
RFID Industrial Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Storage Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
OPP6019S	60x19x4.8	PPS	Screw, Binding	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE 9	EPC 96bits, USER 0bit, TID 96bits	Metal Surface	6m	5.4m	2.5m	2.3m	-30°C~90°C	13
OPP2626	26x26x5.5	PPS	Screw, Binding	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	2.6m	2.5m	1.9m	1.5m	-40°C~100°C	6.6
OPPD30	D30x3.15	PPS	Screw	840-960MHz	NXP UCODE 9	EPC 96bits, USER 0bit, TID 96bits	Non-Metal Surface	3m	2.3m	1.5m	1.1m	-30°C~90°C	3.5

*Other sizes are customizable.



Devil3002
250°C High Temperature and Acid Alkali Resistant Tag



Devil3002S
180°C High Temperature and Acid Alkali Resistant Tag



Devil4015
260°C High Temperature Resistant RFID Tag



Devil6000
260°C High Temperature Resistant RFID Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Storage Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
Devil3002	41x29x11.8	PEEK	Screw	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Metal Surface	6.5m	6m	3.5m	3m	-60°C~250°C	19
Devil3002S	41x29x11.8	PPS	Screw	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Metal Surface	6.6m	6.8m	3.5m	3.6m	-60°C~180°C	21
Devil4015	40x15x10	PEEK	Screw	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Metal Surface	6m	6m	3m	3m	-40°C~260°C	6
Devil6000	62x29x12	PEEK	Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	13m	12m	7.5m	7m	-60°C~260°C	20

*Other sizes are customizable.

Devil Series - High Temperature Resistant On-metal Tags

Industrial RFID Tags

UHF On-metal Tags



DevilM18
260°C High Temperature Screw RFID Tag



Devil5600
260°C High Temperature RFID Tag



DevilD30-1
260°C High Temperature Embedded RFID Tag



DevilD30-2
260°C High Temperature RFID Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Storage Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
DevilM18	D18x11	304 Stainless Steel	Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	0.9m	0.8m	0.35m	0.35m	-50°C~260°C	13.5
Devil5600	56x25x9.5	304 Stainless Steel	Screw, Weld	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	9.0m	8.8m	5.5m	5.3m	-50°C~260°C	41
DevilD30-1	D30x11	304 Stainless Steel	Embedded	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	3.5m	3.5m	2.6m	2.6m	-50°C~260°C	34
DevilD30-2	45x34x11	304 Stainless Steel	Screw, Weld	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	3.5m	3.5m	2.6m	2.6m	-50°C~260°C	37.5

*Other sizes are customizable.



RFID tags solution
Professional in supplying various highly reliable and High performance
RFID tags for customers.

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Storage Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
OPP069	69x23x7	ABS+PC	Adhesive, Screw, Binding	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Metal Surface	11m	10m	5.5m	5m	-40°C~85°C	10.8
OPP7030	70x30x5	PC	Adhesive, Screw	(US) 902-928MHz	Impinj M781	EPC 128bits, USER 512bits, TID 96bits	Metal Surface	9.0m		4.5m		-50°C~85°C	11
OPP087	87x24x11	PC	Adhesive, Screw	840-940MHz	Impinj Monza R6-P	EPC 128bits, USER 32bits, TID 96bits	Metal Surface	9.8m	9.8m	6m	6m	-30°C~70°C	19
OPP089	89x25x10.5	PC	Adhesive, Screw	840-940MHz	Impinj Monza R6-P	EPC 128bits, USER 32bits, TID 96bits	Metal Surface	12m	10m	6m	5m	-30°C~70°C	22
OPP105	105x30x7.5	ABS+PC	Adhesive, Screw, Binding	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Metal Surface	19m	20m	7m	7.5m	-40°C~85°C	26
OPP130	130x42x10.5	PC	Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 Alien Higgs-9	EPC 96bits (up to 480 bits), USER 512 bits, TID 64bits	Metal Surface	30m	28m	22m	22m	-40°C~100°C	45
OPP8160 Dual	81x60x10.5	PC	Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz, 13.56MHz	EM4425	EPC and User Memory 96bit / up-to 480bit / 2048bit UM, TID 96bit (UHF) / 64bit (HF) overlapping	Metal Surface	5.4m	6.3m	2.7m	3.1m	-30°C~70°C	44
OPP105M	105x30x7.5	ABS+PC	Magnet	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Metal Surface	11m	10m	5.5m	5m	-40°C~70°C	30
OPP8530	85x30x6.5	PC	Adhesive, Screw	(US) 902-928MHz	Impinj M781	EPC 128bits, USER 512bits, TID 96bits	Metal Surface	7.0m		3.5m		-50°C~85°C	21
OPP8022	80x22x7	PC	Adhesive, Screw	(US) 902-928MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Metal Surface	6.5m		3.5m		-40°C~150°C	11

*Other sizes are customizable.



OPPD80
Durable RFID Tag



OPP510
Durable RFID Tag



Heavy120
10 Years On-metal RFID Tag



OPP4601
Concrete Embedded RFID Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Storage Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
OPPD80	D80x6	304 Stainless Steel	Screw	(US) 902-928MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Non-Metal Surface	1.8m		1.1m		-40°C~100°C	153
OPP510	51x47x10	Engineering Plastics	Adhesive, Screw	840 -940MHz	Impinj Monza R6-P	EPC 128bits, USER 32bits, TID 96bits	Metal Surface	10m	7.5m	5m	4.5m	-40°C~85°C	23.5
Heavy120	120x30x10	PC	Adhesive, Screw, Binding	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Metal Surface	9.5m	9.3m	6m	5.8m	-40°C~105°C	46
OPP4601	46.5x31.5x7.5	PPS	Embedded in Concrete	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	6.5m	6.6m	4.4m	4.6m	-40°C~150°C	22

*Other sizes are customizable.

OPP4601

Reading range when embedded 5cm depth in concrete:Read Range 2.1m (US ,EU)

Reading range when embedded 10cm depth in concrete:Read Range 1.9m (US ,EU)



OPPD36
UHF Ring On-metal Tag



OPPD47
UHF Ring On-metal Tag



OPPD48
UHF Ring On-metal Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)	Read Range (Handheld)	Storage Temperature	Weight (g)
								US (902-928MHz)	US (902-928MHz)		
OPPD36	OD36 ID26.7 T7.2	PC	Topping-on	(US) 902-928MHz	NXP UCODE 8	EPC 128bits, USER 0bits, TID 96bits	Metal Surface	2.5m	1.8m	-40°C~85°C	3.3
OPPD47	OD46.8 ID35.3 T5.5	PC	Topping-on	(US) 902-928MHz	NXP UCODE 8	EPC 128bits, USER 0bits, TID 96bits	Metal Surface	3.2m	2.1m	-40°C~85°C	4
OPPD48	OD48.1 ID38 T7	PC	Topping-on	(US) 902-928MHz	NXP UCODE 8	EPC 128bits, USER 0bits, TID 96bits	Metal Surface	3.8m	2.3m	-40°C~85°C	4.5

*Other sizes are customizable.



OPP4215
High Temperature On-Metal RFID Tag



OPP2019
High Temperature On-Metal RFID Tag



PCB13060
Nameplate RFID Tag



PCB7035
Nameplate RFID Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Storage Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
OPP4215	42x15x2.8	Industrial High Temperature Material	Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-4	EPC 128bits, USER 128bits, TID 64bits	Metal Surface	4.8m	5m	2.7m	2.8m	-55°C~200°C	3.5
OPP2019	D20x2.8	Industrial High Temperature Material	Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-4	EPC 128bits, USER 128bits, TID 64bits	Metal Surface	2.5m	2.7m	1.2m	1.4m	-55°C~200°C	1.75
PCB13060	130x60x3.9	PCB	Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Metal Surface	21m	15m	9m	7m	-40°C~100°C	61
PCB7035	70x35x3.7	PCB	Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Metal Surface	11.3m	10.8m	5.5m	5.1m	-40°C~100°C	19

*Other sizes are customizable.



OPP6020L
LED RFID Tag



OPP6020LM
LED On-Metal Tag



PCB4529
RFID Keyfob Tag



PCB7525
UHF On-metal Tag with Metal Holes

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Storage Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
OPP6020L	60x20x1	PCB	Adhesive	US (902-928MHz), EU (865-868MHz)	KX2005X-BL	EPC 96-240bits, USER 1312bits, TID 96bits	Non-Metal Surface	11m	11m	5m	5m	-20°C~80°C	2.5
OPP6020LM	60x20x3	PCB	Adhesive	(US) 902-928MHz, (EU) 865-868MHz	KX2005X-BL	EPC 96-240bits, USER 1312bits, TID 96bits	Metal Surface	7m	5.6m	4m	3m	-20°C~80°C	7.5
PCB4529	45x29x1.5	PCB (FR4)	Adhesive, Metal ring	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Non-Metal Surface	3m	2.2m	2m	1.3m	-40°C~150°C	3
PCB7525	75x25x3	PCB	Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Metal Surface	10m	10.3m	6.3m	6.6m	-40°C~150°C	12

*Other sizes are customizable.



OPP7111
High Temperature UHF FPC Inlay



OPP9018
UHF Flexible RFID Tag



OPP9018M
UHF Flexible On-metal RFID Tag



OPPD721
UHF Nail Tag



OPPM16
RFID Screw Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Storage Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
OPP7111	71x11x0.13	FPC	Adhesive	840-960MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Non-Metal Surface	9m	9m	5m	5m	-40°C~200°C	0.3
OPP9018	90x18x4	TPU	Binding, Cable tie	840-960MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Non-Metal Surface	9m	9m	5m	5m	-40°C~100°C	8
OPP9018M	90x18x4	TPU	Binding Cable tie	840-960MHz	Impinj Monza R6	EPC 96bits, USER 0bit, TID 96bits	Metal Surface	1.5m	1.5m	1m	1m	-40°C~100°C	8
OPPD721	D7x21	PC	Insert	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Non-Metal Surface	30cm	30cm	15cm	15cm	-30°C~80°C	1
OPPM16	M16 Screw	304 Steel	Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	1.5m	1.6m	1m	1.1m	-40°C~100°C	50

*Other sizes are customizable.



PCB4921
HF RFID Tag

RFID Protocol:ISO18000-3M1, ISO15693

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Metal Surface	Non-Metal Surface	Storage Temperature	Weight (g)
PCB4921	49x21x3	PCB	Adhesive, Screw	13.56MHz	NXP ICODE SLIX, ISO 15693	Total 1024Bits, 32Blocks, 32 bits per Block, UID 64bits	Metal Surface, Non-Metal Surface	8cm	5cm	-40°C~150°C	6.5

*Other sizes are customizable.

Ceramic RFID Tag

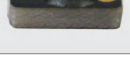
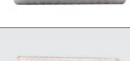
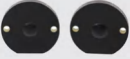
RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (FixedReader)		Read Range (Handheld)		Storage Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
CER0404	4x4x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	0.8m	0.8m	0.4m	0.4m	-40°C~150°C	0.3
CER0505	5x5x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	1m	1m	0.6m	0.6m	-40°C~150°C	0.8
CER525	5x2.5x2		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	0.3m	0.25m	0.2m	0.13m	-30°C~150°C	0.3
CER0602	6x2x2		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	0.3m	0.3m	0.2m	0.2m	-40°C~150°C	0.3
CER1001	10x1.8x1.8		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	0.7m	0.7m	0.4m	0.4m	-40°C~150°C	0.5
CER1002	10x2.5x2.5		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	1m	1m	0.65m	0.65m	-40°C~150°C	0.8
CER1005	10x5x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	2m	2m	1m	1m	-40°C~150°C	1.4
CER1207	12x7x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	2.3m	2.3m	1.3m	1.3m	-40°C~150°C	1.6
CER1309	13x9x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	2.3m	2.3m	1.3m	1.3m	-40°C~150°C	1.8
CER1909	19x9x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	3m	3m	1.5m	1.5m	-40°C~150°C	3.2
CER2117	21x17x2.25		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	4m	4m	2.8m	2.8m	-40°C~150°C	4.2
CER2509	25x9x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	4.2m	4.2m	2.9m	2.9m	-40°C~150°C	3.8
CER2525	25x25x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	6.5m	5.5m	4.6m	3.8m	-40°C~150°C	9.6
CER3030	30x30x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	8m	8m	5m	5m	-40°C~150°C	13.8
CERD10	D10x9.35x1.5		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3, NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	1.3m	1m	0.8m	0.6m	-40°C~150°C	1.0
CERD16	D16.0x2.0		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	2.5m	2.5m	1.8m	1.8m	-40°C~150°C	2.2

*Other sizes are customizable.

PCB UHF On-Metal Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (FixedReader)		Read Range (Handheld)		Storage Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
PCBD5	D5xT4.0		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	1m	0.9m	0.6m	0.55m	-40°C~ 150°C	0.5
PCB060302	6x3xT3.0		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	0.85m	0.8m	0.5m	0.45m	-40°C~ 150°C	0.5
PCB0603	6x3xT4.0		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	0.9m	0.8m	0.5m	0.45m	-40°C~ 150°C	0.5
PCBD6	D6xT4.0		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	0.85m	0.75m	0.45m	0.45m	-40°C~ 150°C	0.5
PCB0606	6x6xT4.0		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	1.1m	1.1m	0.8m	0.8m	-40°C~ 150°C	0.5
PCB0803	8x3xT3.0		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	1.1m	1.2m	0.7m	0.85m	-40°C~ 150°C	0.5
PCB1004	10x4xT3.0		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	1.35m	1.35m	0.9m	0.75m	-40°C~ 150°C	0.5
PCBD10	D10xT3.7		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	1.5m	1.3m	1m	0.95m	-40°C~ 150°C	0.6
PCB120401	12x4xT2.5		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE 8	EPC 128bits, USER 0bit, TID 96bits	Metal Surface	1.5m	1.5m	0.6m	0.6m	-40°C~ 150°C	0.2
PCB120403	12x4xT4		Adhesive	(US) 902-928MHz	NXP UCODE 8	EPC 128 bits, USER 0bit, TID 96 bits	Metal Surface	2.4m		0.9m		-40°C~ 150°C	0.3
PCB1307	13x7xT3.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	2.5m	2.4m	1.5m	1.4m	-40°C~ 150°C	0.7
PCBD13	D13xT2.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	1.5m	1.3m	1.1m	0.9m	-40°C~ 150°C	0.7
PCBD16	D16xT3.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	2.6m	2.4m	1.6m	1.5m	-40°C~ 150°C	1.5
PCB1504	15x4xT2.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	2.1m	2.2m	1.3m	1.5m	-40°C~ 150°C	0.7
PCB1806	18x6xT4.0		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	2.6m	2.5m	2m	1.8m	-40°C~ 150°C	1.2
PCB2208	22x8xT3.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	4.5m	4.7m	2.6m	3m	-40°C~ 150°C	1.5
PCBD20	D20xT2.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	3.2m	2.8m	2.4m	2.3m	-40°C~ 150°C	1.9

PCB UHF On-Metal Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (FixedReader)		Read Range (Handheld)		Storage Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
PCBD25	D25xT3.0		Adhesive, Screw	(US) 902-928MHz	Alien Higgs-9	EPC 96bits, (Up to 496 bits), USER 688bits, TID 64bits	Metal Surface	2.3m		1.1m		-40°C~ 150°C	3.4
PCB2510	25x10xT2.6		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	3.25m	3m	2.5m	2.4m	-40°C~ 150°C	1.5
PCB3005	30x5xT2.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	3.1m	2.8m	2.1m	2m	-40°C~ 150°C	0.8
PCB3310	33x10xT3.5		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	4.2m	3.5m	2.8m	2.5m	-40°C~ 150°C	3
PCB3613	36x13xT3.5		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	4.7m	4.5m	2.7m	2.5m	-40°C~ 150°C	4.2
PCB4010	40x10xT2.7		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	4.5m	4.2m	3m	2.8m	-40°C~ 150°C	2.2
PCBD40	D40xT3.0		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	Impinj MONZA R6-P	EPC 128bits, USER 32bits, TID 96bits	Metal Surface	6.8m	6.5m	3.5m	3.5m	-40°C~ 150°C	8.2
PCB5010	50x10xT1.6		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	2.8m	2.5m	1.9m	1.7m	-40°C~ 150°C	1.5
PCB5213	52x13xT3.5		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Impinj M4QT, NXP UCODE 8	EPC 128bits, USER 512bits, TID 96bits	Metal Surface	5.3m	5.2m	2.8m	2.7m	-40°C~ 150°C	5.5
PCB6020	60x20xT3.5		Adhesive, Screw	(US) 902-928MHz	NXP UCODE 8	EPC 128bits, USER Obits, TID 96bits	Metal Surface	8.1m		4m		-40°C~ 150°C	8.5
PCB6604	66x4xT3		Adhesive, Screw	(US) 902-928MHz	Impinj M4QT	EPC 128bits, USER 512bits, TID 96bits	Metal Surface	2.8m		0.9m		-40°C~ 150°C	1.6
PCB7020	70x20xT3.6		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	10m	10.3m	6.3m	6.6m	-40°C~ 150°C	11
PCB8008	80x8xT3.5		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	6.5m	5.9m	3.4m	3.1m	-40°C~ 150°C	5
PCB8020	80x20xT3.6		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	9m	9m	5m	5m	-40°C~ 150°C	12
PCB8520	85x20x1.6		Adhesive, Screw	840-960MHz	NXP UCODE 8	EPC 128bits, USER Obits, TID 96bits	Non-Metal Surface	21m	25m	10m	12m	-40°C~ 100°C	3.0
PCB9020	90x20xT3.7		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	10.8m	10.5m	6.5m	6.3m	-40°C~ 150°C	12
PCB9525	95x25xT3.6		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, Impinj M4QT, NXP UCODE 8	EPC 96bits, (up to 480bits), USER 512bits, TID 64bits	Metal Surface	9.5m	9.6m	5.8m	4.3m	-40°C~ 150°C	18
PCB9626	96x26xT1		Adhesive	(US) 902-928MHz	NXP UCODE 8	EPC 128bits, USER Obits, TID 96bits	Non-Metal Surface	13m		6m		-40°C~ 150°C	5.2

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