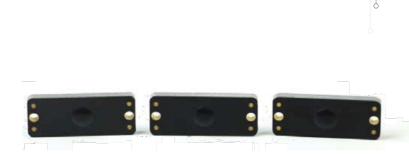# PCB -2510

PCB-2510 is Passive UHF tags designed for IOT tool tracking. its Size 25 x 10mm, thickness 2.5mm with IC bump, weight 1.5g, Passive UHF tag PCB2510 is ideal for applications that require exterior-mounted, low-cost, easily installed. PCB2510 for IoT asset tracking has enormous potential.

Whether you use trackers for agriculture, supply chain, construction, or mining; an asset tracking IoT solution can improve the overall efficiency.

Ordering Information

Part No.	IC Type	Memory
RFPT-450715-ETSI/FCC	U CODE 8	EPC 96bits (Up to 480bits) , USER 512bits, TID64bit
RFPT-451015-ETSI/FCC	Higgs 3	EPC 96bits (Up to 480bits) , USER 512bits, TID64bit

Applications

Asset Tracking   Asset Application   Asset Management

Electrical Specifications

Operational Frequency	FCC: 902-928MHz ETSI: 865- 868 MHz
Interface Protocol	ISO/IEC/18000-6C
Chip Type*	Alien Higgs – 3/ U code 8
Memory Configuration	EPC 96bits (Up to 480bits) , USER 512bits, TID64bit
Data Retention	50 Years
Write Cycle Endurance	100,000 cycles
Applicable Surface:	Metallic/Non-Metallic surface

Products Characteristics

Die Cut Size	25x10mm, (Hole: D2mmx2)
Final Inspection	100 % Tested
Material	FR4 (PCB)
Mounting Methods	Adhesive, Screw
Weight	1.5g

Environmental Specifications

Operating Temperature	-40°C to +100°C
Storage Temperature	-40°C to +150°C
IP Rating	IP68
Certifications:	Reach Approved, RoHS Approved, CE Approved

Personalization

- Customer specific encoding of EPC
- Customised printing of logo, text, barcode etc

READ RANGE GRAPH

PCB - 2510- RF performance(U code 8)

** The indicated read range values are measured in our laboratory testing environment, where antennas with optimum directivity are used with maximum allowed operating power. Different surface materials and environments may exhibit different results.