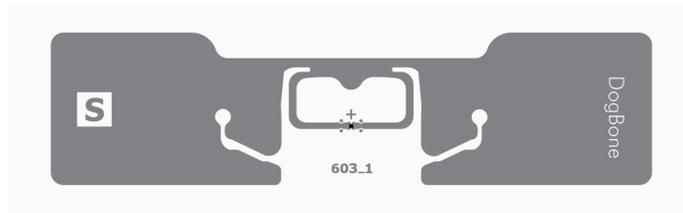


UHF DOGBONE INLAY/LABEL

IDT 9727



The IDT UHF RFID Dogbone Inlay/Label is engineered for excellent global performance, even on difficult-to-tag materials with high dielectric properties. Designed for supply chain, industrial, RTI, sports timing, automotive, logistics, and event management applications, the Dogbone antenna delivers consistent read performance across worldwide UHF bands.

PHYSICAL PARAMETERS

Label / Die-cut Dimension	97 × 27 mm
Antenna Dimension	94 × 24 mm
Adhesive	General purpose permanent (wet/label)
Face Material	Paper / printable label stock
Availability	Dry inlay / Wet inlay / Label

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Chemical Resistance	Resistant to moisture & common solvents
Shelf Life	Up to 2 years

RF PERFORMANCE

Working Frequency	860-960 MHz (ETSI), 902-928 MHz (FCC)
Standard Protocol	ISO/IEC 18000-6C, EPCglobal Class 1 Gen 2
Chip Type	NXP UCODE 9 / NXP UCODE 7XM / Impinj M730 / M750 / M830
EPC Memory	Depending on selected chip
TID Memory	Depending on selected chip

Read Range Long-range (reader & chip dependent)

Write Cycles ≥100,000

PERSONALIZATION

Pre-Encoding Customer Specific Encoding of EPC

Customized Printed Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

ORDER INFORMATION

Part No. IDT.RF.T.IDT9727(Blank)

APPLICATION AREA



Retail



Healthcare



Beauty and
Personal Care



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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