



ID-TOM® Pro-A831-U9 UHF Label

IC Speciality

Identiv's ID-TOM® (Tag On Metal) Pro-A831-U9 provides a solution for every on-metal application. The solution is perfect for all industrial applications on metal surfaces. Use the tags for any metallic item, regardless if the surface is flat or bent. ID-TOM® Pro-A831-U9 is extremely thin. The total thickness is only ~1 mm with an antenna thickness of 120µm, which makes the product a flexible and bendable solution for various use cases.

ID-TOM® Pro-A831-U9 comes with 96 bits of EPC memory and 96-bit Tag Identifier (TID).

Key Features

- More resistant against surrounding interfering materials
- **Excellent** read range
- 96 bit EPC memory
- Can be applied on **convex, concave arched metal surfaces**
- Foam based and **thin** (~1 mm)

Frequency

- UHF ETSI 865-868 MHz

Tag Dimensions

- 113 x 34 mm

Chip

- NXP UCODE 9

International Standards

- EPC global V.2.0.1
- ISO 18000-6C

Industries

- Automotive
- Industrial
- Logistics

Applications

- Authentication
- Inventory management
- RTLS
- Supply chain management
- Track and trace

Specifications

Format	Label
Product Part Number	4001018
Manufacturing Part Number	L15PADUK0300
IC	UCODE 9
EPC & User Memory	96 bit & n/a
Antenna Dimension	107.5 x 30 mm
Tag Dimensions	113 x 34 mm
Standards	EPC global V.2.0.1 ISO 18000-6C
Frequency	ETSI 865-868 MHz
Face Material	White PET
Thickness	~ 1320 µm
Pitch	44.4 mm
Web Width	117 mm
Operating Temperature	-20°C ~ 70°C (-4°F ~ 158°F), at <60%RH
Storage Information	1 year under desiccated condition; 10°C ~ 25°C (50°F ~ 77°F), ≤ 60% RH

Contact Information: sales@identiv.com

Care and handling: To minimize static charge and environmental impact, it's crucial to adhere to standard industry practices related to electronics and RFID when handling RFID inlays, as they are sensitive to ESD.

Application: To ensure that this product meets specific requirements, customers/users must thoroughly test it under end-use conditions. Identiv does not claim that the product is suitable for any particular purpose or use. Additionally, Identiv retains the right to modify, supplement, change, or discontinue product offerings at any time without prior notice. While the information presented here is believed to be reliable, Identiv does not guarantee the accuracy or correctness of the data.

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