



## ID-TOM® Pro-A832-U9 UHF Label

### IC Speciality

Identiv's ID-TOM® (Tag On Metal) Pro-A832-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-A832-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-A832-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 FCC 902-928 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 & Trace

# Specifications

| Format                    | Label   |
|---------------------------|---|
| Product Part Number       | 4001019   |
| Manufacturing Part Number | L15PADUK0301  |
| 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<br>ISO 18000-6C  |
| Frequency                 | FCC 902-928 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;<br>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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