IDENTIV

ID-A422-ICODE SLIX2
HF/NFC Inlay and Label

IC Speciality

The cutting-edge technology of Identiv's ID-A422-ICODE SLIX2 design, equipped with NXP ICODE SLIX2 IC, offers an array of features and benefits. Its user memory, measuring 2.5 kbit, is noteworthy as it provides ample storage for essential data. Additionally, the IC showcases the NXP originality signature and an intelligent anti-collision function that permits multiple tags to operate simultaneously. It enhances the speed of inventory management with a speed of up to 53 kbit/s and can read up to 1.5 m. Moreover, it ensures better performance in a variety of conditions with increased robustness against detuning effects. The IC ensures security and privacy with a unique UID identifier, password-protected memory management system, and a privacy mode to safeguard customers' personal information. Overall, the ICODE SLIX2 IC is an innovative technology that enhances performance, security, and privacy across various applications.

Key Features

- Several tags can operate simultaneously without corruption due to **anti-collision function**

- Tags can be irreversibly destroyed with **32-bit password** (i.e., DESTROY SLIX2 command)

- Last block of user memory provides special **16-bit counter feature** (i.e., counter increases by one with WRITE command, is protected by READ, and resets to initial value with WRITE)

- Available as **dry inlay, wet inlay**, and **label**

Frequency
· HF 13.56 MHz

Antenna Dimensions
· Ø 34 mm

Chip
· NXP ICODE SLIX2

International Standards
· NFC Forum Type 5 Tag
· ISO/IEC 15693

Industries
· Library
· Pharma and healthcare
· Retail

Applications
· Authentication
· General purpose NFC applications
· Secure authentication
· Smart posters

See all of Identiv's RFID tags, inlays, and labels at **identiv.com/products/rfid-tags-inlays-labels**

Specifications

Format	Dry Inlay	Wet Inlay	Label
Product Part Number	9001035	9001036	9001037
Manufacturing Part Number	I00XXXID9L34I	IZ2PADID9L34	L29XADID9L34
Chip	NXP ICODE SLIX2	NXP ICODE SLIX2	NXP ICODE SLIX2
User Memory	2528 bit	2528 bit	2528 bit
Antenna Dimension	Ø 34 mm	Ø 34 mm	Ø 34 mm
Tag Dimensions	Ø 34 mm	OD 42 mm; ID 16 mm	OD 42 mm; ID 16 mm
ISO/IEC Norm	ISO/IEC 15693	ISO/IEC 15693	ISO/IEC 15693
Frequency	13.56 MHz	13.56 MHz	13.56 MHz
Face Material	-	Clear PET	White PET
Thickness	~ 190 µm	~ 285 µm	~ 290 µm
Pitch	48 mm	48 mm	48 mm
Web Width	48 mm	48 mm	48 mm
Operating Temperature	-20°C ~ 70°C (-4°F ~ 158°F), at <60%RH	-20°C ~ 70°C (-4°F ~ 158°F), at <60%RH	-20°C ~ 70°C (-4°F~ 158°F), at <60%RH
Storage Information	2 years under desiccated condition; 10°C ~ 25°C (50°F ~ 77°F), ≤ 60% RH	1 year under desiccated condition; 10°C ~ 25°C (50°F ~ 77°F), ≤ 60% RH	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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Warranty: Please refer to Identiv standard terms and conditions: https://www.identiv.com/terms-and-conditions

REACH COMPLIANCE

RoHS