

AD Minitrack NFC ST25TN

Overview

Frequency Band

NFC 13.56 MHz

Chip

ST25TN512
ST25TN01K

Antenna Dimensions

31x14 mm / 1.22x0.55 in

International Standard

ISO 14443A

Industry Segments

Electronics
Beauty
Apparel
Healthcare

Applications

NFC
Customer Experience
Packaging

RoHS

EU Directive 2011/65/EC and
Directive (EU) 2015/863

REACH

Regulation (EC) No. 1907/2006



Small-sized, high-end product for demanding NFC applications

Our AD Minitrack NFC ST25TN inlays and tags are designed for various applications, such as smart poster and sticker, connection handover, Bluetooth pairing, Wifi protected set-up, device authentication, wristbands and many other demanding applications. AD Minitrack NFC ST25TN is an ideal match for electronics pairing applications where an embedding the inlay is a must.

Our AD Minitrack NFCST25TN equipped with ST Microelectronics ST25TN512 and ST25TN01K chips is based on an aluminum antenna and offers high reliability and a great performance.

AD Minitrack NFC ST25TN with the ST25TN512 chip is a cost-efficient solution for applications where 64 bytes of user memory is required. If large user memory is needed, then AD Minitrack NFC ST25TN with ST25TN01K chip is the product of choice. It offers up to 208 bytes of user memory.

Both chip options support augmented NDEF to answer dynamic NDEF message without modifying the user memory. The IC also features TruST25™ Digital Signature feature to fight against counterfeiting.

The product is ISO 14 443A and NFC Forum Type 2 compliant. Our inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management. This ensures a reliable and state-of-the-art product that meets a variety of application needs.

Technical features

Chip	ST25TN512	ST25TN01K
Chip Attachment Technology	Direct Chip Attach	Direct Chip Attach
User Memory	64 bytes	160 bytes
Product Code	3008848 / IL-604636	3008835 / IL-604627
Delivery Format	Wet+ inlay	Wet+ inlay
Die-Cut Dimension	36 x 18 mm / 1.42 x 0.71 in	36 x 18 mm / 1.42 x 0.71 in
Inlay Substrate	PET	PET
Face Sheet	Clear PET	Clear PET
Standard Pitch	24 mm / 0.95 in	24 mm / 0.95 in
Total Thickness	136µm	136µm
Web Width	40 mm / 1.5 in	40 mm / 1.5 in
Core Size	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	10,000 pcs/reel 20,000 pcs/box	10,000 pcs/reel 20,000 pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F	-40 °C to 85 °C / -40 °F to 185 °F

Contact information

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Connect with us on:



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Warranty: Please refer to Avery Dennison standard terms and conditions: rfid.averydennison.com/termsandconditions

Care and handling: RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics / RFID to keep environmental impact and static charge to a minimum.

Applications: This product should be tested by the customer / user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use. Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

