

# AD Miniblock ST25TV

## Overview

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**Frequency Band**

HF 13.56 MHz

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**Chip**

STM ST25TV02K

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**Antenna Dimensions**

14.5 x 14.5 mm / 0.57 x 0.57 in

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**International Standard**

ISO 15693

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**Industry Segments**

Industrial Applications

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**Applications**

Product Authentication  
Pharmaceutical and Healthcare  
NFC

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**RoHS**

EU Directive 2011/65/EU and  
2015/863 Compliant

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**REACH**

Regulation (EC) No. 1907/2006



## Smallest tag with great performance

Our AD Miniblock ST25TV inlays and tags featuring STMicroelectronics ST25TV ICs are the smallest square shaped top performers designed for package and item level applications.

AD Miniblock ST25TV equipped with ST25TV02K provides 2048 bits of user memory. With its tiny size it provides excellent performance for small item level tagging and less material detuning.

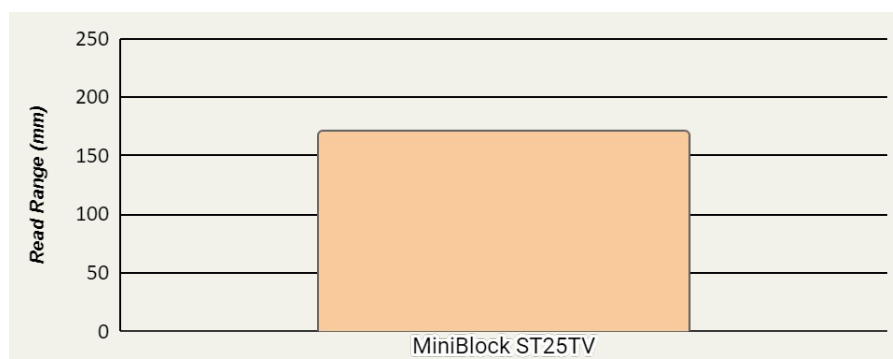
ST25TV ICs feature TruST25™ Digital Signature to enhance the security level. The digital signatures makes it possible to reliably catch counterfeit tags or clones, increasing trust all along the supply chain.

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, where high performance is a critical parameter.

## Technical features

Chip	STM ST25TV02K
Chip Attachment Technology	Direct Chip Attach
EPC and User Memory	2048-bit
Product Code	3008726 / IL-604548
Delivery Format	Wet inlay +
Die-Cut Dimension	18 x 18 mm / 0.71 x 0.71 in
Inlay Substrate	PET
Face Sheet	Clear PET
Total Thickness	134 µm
Standard Pitch	22 mm / 0.866 in
Web Width	24.0 mm / 1 in
Core Size	76 mm / 3 in
Quantity / Reel	2000 pcs/reel 4000 pcs/box
Operating Temperature	-40 °C to 85 °C/ -40 °F to 185 °F

## Read range



All graphs are indicative: performance in real life applications may vary.

### 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](https://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.