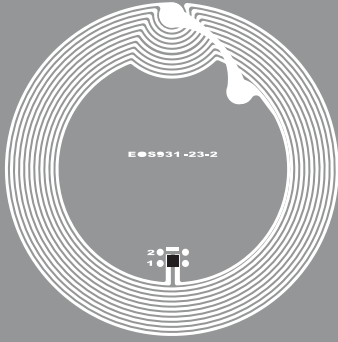




EOS-931 ST25TV

T A G E O S

Datasheet



T A G E O S

Compact HF/NFC Inlay for Item Tagging and Authentication

The EOS-931 ST25TV HF/NFC inlay delivers outstanding performance for item tagging and authentication applications in industries such as non-food retail, healthcare and pharmaceuticals, beauty and cosmetics, consumer electronics, entertainment and gaming, library and media management, and logistics.

The inlay's compact footprint makes it particularly well suited for a broad variety of items and packaging. Once converted, it is also ideal for use as a label or sticker on products or packaging.

The EOS-931 ST25TV is available in dry format.

The EOS-931 ST25TV incorporates STMicroelectronics' ST25TV512C NFC Forum Type 5 tag IC. It features a TruST25 digital signature, enabling advanced product authentication and anti-counterfeiting applications. The chip also includes a 512-bit configurable EEPROM

memory with 60-year data retention and can be operated using either a 13.56 MHz long-range RFID reader or an NFC-enabled smartphone. The contactless interface is compliant with the ISO/IEC 15693 standard and NFC Forum Type 5 Tag specifications.

Tageos maintains ARC Quality Certification across all its manufacturing sites worldwide and has been certified by Auburn University's RFID Lab since 2020, making it one of the first companies in the industry to achieve this certification.

Tageos complies with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management standards and utilizes sustainable manufacturing processes and materials, including FSC®-certified paper whenever possible. In addition, all Tageos products comply with RoHS and REACH environmental directives.

Overview

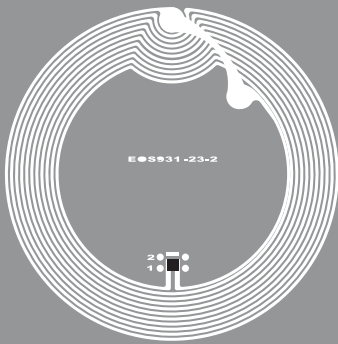
IC:	STM ST25TV512C
User Memory:	512 bit
UID:	64 bit
Frequency Band:	13.56 MHz
Protocol:	ISO/IEC 15693 (Vicinity) / Type 5 Tag

Application Areas

- Anti-Counterfeiting
- Beauty & Cosmetics
- Consumer Electronics
- Customer Experience
- Entertainment & Gaming
- Item-Level Tagging



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FSC® C166692



EOS-931 ST25TV

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Technical Overview

	Dry
Product Code	9300000074
Antenna Size	ø 33 mm ø 1.30 in
Finish Size	- -
Web Width	48.00 ± 1 mm 1.890 ± 0.04 in
Pitch	46.57 ± 0.2 mm 1.833 ± 0.01 in
FSC® Certification	-
Antenna Material	Aluminium
Front Face	-
Inlay Substrate	PET Clear 50um
Inlay Adhesive	-
Liner	-
Operating Temperature	-40°C / +85°C -40°F / +185°F @20% to 90% RH
Shelf Life	2 years @ +25°C/40%RH
Final Inspection	100% tested

Contact:

Tageos SAS (HQ) . 1340 rue de Pinville . 34000 Montpellier . France . sales@tageos.com



Graphs: All the graphs are indicative: performance in real life applications may vary. The data has been determined based on calculations for transmitters with a normal output power level and respective IC silicon. **Storage & handling precautions:** Observe standard storage and handling practices to minimize Electro Static Discharge. Tageos reserves the right to change its products and services at any time without notice. As our products are used in circumstances beyond our control, we cannot be held liable for any damages caused through their use. This is a general purpose product not designed or intended for any specific application.

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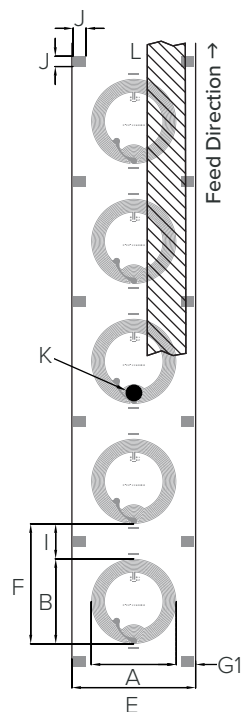


EOS-931 ST25TV

TAGEOS

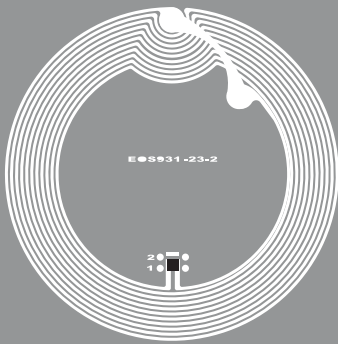
Product Specifications

Mechanical Dimensions



Dry

Product Code	9300000074	
Antenna Size	A x B	ø 33 mm / ø 1.30 in
Finish Size	C x D	- / -
Web Width	E	48.00 ± 1 mm / 1.890 ± 0.04 in
Pitch	F	46.57 ± 0.2 mm / 1.833 ± 0.01 in
Antenna to Web Edge	G1	7.5 ± 1 mm / 0.295 ± 0.04 in
Antenna to Die-cut	G2	-
Die-Cut to Web Edge	H	-
Antenna Gap	I	13.57 mm / 0.534 in
Converting Spot	J	5.00 x 4.00 mm / 0.197 x 0.157 in
Bad Mark	K	Ø 6.0 mm / 0.236 in
Interleave	L	Yes
Registration Mark (RM)	M	- / -
RM Postion	N	- / -



EOS-931 ST25TV

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Packing Details

	Dry
Product Code	9300000074
Delivery Format	Roll (single row)
Core Inner Diameter	76 mm / 2.99 in
Roll Outer Diameter	340 mm / 13.39 in
Unwinding Direction	Inlay on outside of roll
Leading Tape	- / -
Trailing Tape	- / -
Standard Roll Size	16 000 (-0% +1.5%)
Min. Guar. Yield/Roll	99%
Box Dimensions	39.5 x 39 x 17 cm / 15.55 x 15.35 x 6.69 in
Roll/Box	3
Inlay/Box	48 000
Box Gross Weight	13.39 kg / 29.52 lbs
Pallet Dimensions	120 x 80 x 151 cm / 47.2 x 31.5 x 59.4 in
Boxes/Pallet	48
Inlay/Pallet	2 304 000
Pallet Gross Weight	668 kg / 1 473 lbs

Contact:

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24/Jul/2026

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