

## EOS-932 SLIX2

# T A G E O S

## Datasheet



## T A G E O S

### Maximum Performance for Healthcare and Pharma

The EOS-932 SLIX2 HF inlay offers outstanding performance in healthcare applications, making it the solution of choice for pharmaceutical product authentication.

The inlay's compact footprint adds to its suitability for small item level packaging, wristbands and other pharmaceutical applications. It is also suitable for use as a label or sticker on small goods.

The EOS-932 SLIX2 uses the latest member of NXP's SLIX product family, the ICODE SLIX2 IC. The chip offers full backward compatibility to SLIX, increased user memory size (2.5 kbit) and outstanding features such as NXP's originality signature, overall increased performance and flexible user memory segmentation with separate access.

The EOS-932 SLIX2 inlay is available in dry, wet, paper-face formats.

Tageos was one of the first companies to qualify for ARC Quality Certification for its manufacturing operations from Auburn University RFID Lab.

Like all Tageos' RFID products, EOS-932 SLIX2 complies with ISO 9001:2015 Quality Management System and ISO 14001:2015 Environmental Management System as well as Environmental Directives RoHS and REACH, utilizing sustainable materials such as FSC® certified paper whenever possible.

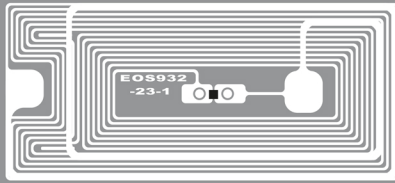
### Overview

IC:	NXP ICODE SLIX2
User Memory:	2560 bit
UID:	64 bit
Frequency Band:	13.56 MHz
Protocol:	ISO/IEC 15693 (Vicinity) / Type 5 Tag

### Application Areas

- Healthcare & Pharma
- Item Level Tagging
- Inventory Visibility
- Product Authentication





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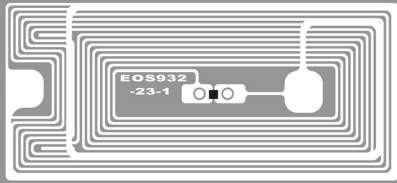
### Technical Overview

	Dry	Wet	Paper-face
Product Code	9300000017	9300000018	9300000019
Antenna Size	14 x 31 mm 0.55 x 1.22 in	14 x 31 mm 0.55 x 1.22 in	14 x 31 mm 0.55 x 1.22 in
Finish Size	-	18 x 36 mm 0.71 x 1.42 in	18 x 36 mm 0.71 x 1.42 in
Web Width	32.00 ± 1 mm 1.260 ± 0.04 in	32.00 ± 1 mm 1.260 ± 0.04 in	32.00 ± 1 mm 1.260 ± 0.04 in
Pitch	39.05 ± 0.2 mm 1.538 ± 0.01 in	39.05 ± 1 mm 1.538 ± 0.04 in	39.05 ± 1 mm 1.538 ± 0.04 in
Antenna Material	Aluminium	Aluminium	Aluminium
Front Face	-	PET clear	Paper TT
Inlay Substrate	PET Clear 50µm	PET Clear 50µm	PET Clear 50µm
Inlay Adhesive	-	permanent	permanent
Liner	-	Paper	Paper
Operating Temperature	-40°C / +85°C   -40°F / +185°F @20% to 90% RH	-40°C / +85°C   -40°F / +185°F @20% to 90% RH	-40°C / +85°C   -40°F / +185°F @20% to 90% RH
Shelf Life Time	2 years @ +25°C/40%RH	2 years @ +25°C/40%RH	2 years @ +25°C/40%RH
Final Inspection	100% tested	100% tested	100% tested



**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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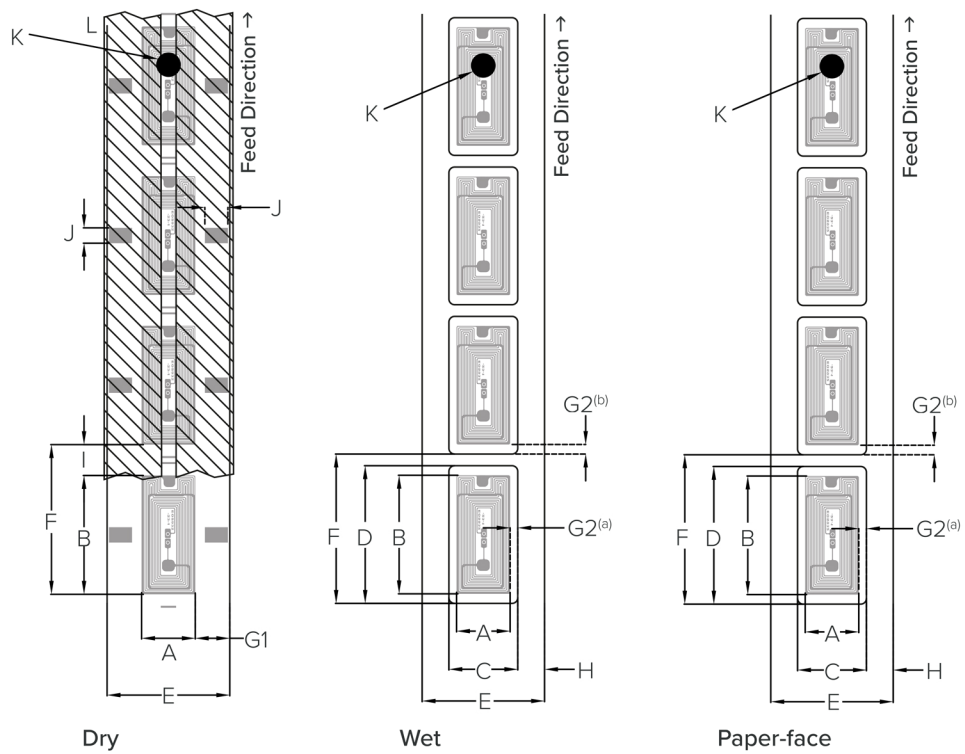


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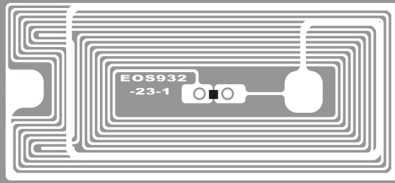
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## Product Specifications

### Mechanical Dimensions



	Dry	Wet	Paper-face
Product Code	9300000017	9300000018	9300000019
Antenna Size	A x B 14 x 31 mm / 0.55 x 1.22 in	14 x 31 mm / 0.55 x 1.22 in	14 x 31 mm / 0.55 x 1.22 in
Finish Size	C x D - / -	18 x 36 mm / 0.71 x 1.42 in	18 x 36 mm / 0.71 x 1.42 in
Web Width	E 32.00 ± 1 mm / 1.260 ± 0.04 in	32.00 ± 1 mm / 1.260 ± 0.04 in	32.00 ± 1 mm / 1.260 ± 0.04 in
Pitch	F 39.05 ± 0.2 mm / 1.538 ± 0.01 in	39.05 ± 1 mm / 1.538 ± 0.04 in	39.05 ± 1 mm / 1.538 ± 0.04 in
Antenna to Web Edge	G1 9.0 ± 1 mm / 0.354 ± 0.04 in	-	-
Antenna to Die-cut	G2 -	2.0 ± 1 mm / 0.079 ± 0.04 in <sup>(a)</sup> 2.5 ± 1 mm / 0.098 ± 0.04 in <sup>(b)</sup>	2.0 ± 1 mm / 0.079 ± 0.04 in <sup>(a)</sup> 2.5 ± 1 mm / 0.098 ± 0.04 in <sup>(b)</sup>
Die-Cut to Web Edge	H -	7.0 ± 1 mm / 0.276 ± 0.04 in	7.0 ± 1 mm / 0.276 ± 0.04 in
Antenna Gap	I 8.05 mm / 0.317 in	-	-
Converting Spot	J 6.00 x 4.00 mm / 0.236 x 0.157 in	-	-
Bad Mark	K Ø 6.0 mm / 0.236 in	Ø 6.0 mm / 0.236 in	Ø 6.0 mm / 0.236 in
Interleave	L Yes	No	No



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## Packing Details

	Dry	Wet	Paper-face
Product Code	9300000017	9300000018	9300000019
Delivery Format	Roll (single row)	Roll (single row)	Roll (single row)
Core Inner Diameter	76 mm / 2.99 in	76 mm / 2.99 in	76 mm / 2.99 in
Roll Outer Diameter	331 mm / 13.03 in	330 mm / 12.99 in	199 mm / 7.83 in
Unwinding Direction	Inlay on outside of roll	Inlay on outside of roll	Inlay on outside of roll
Standard Roll Size	18 000	11 000	2 500
Min. Guar. Yield/Roll	98.5%	98.5%	98.5%
Box Dimensions	39.5 x 39.0 x 17.0 cm / 15.56 x 15.35 x 6.69 in	39.5 x 39.0 x 17.0 cm / 15.56 x 15.35 x 6.69 in	26.0 x 26.0 x 37.0 cm / 10.24 x 10.24 x 14.57 in
Roll/Box	3	3	9
Inlay/Box	54 000	33 000	22 500
Box Gross Weight	8.68 kg / 19.14 lbs	5.96 kg / 13.15 lbs	5.26 kg / 11.6 lbs
Pallet Dimensions	120 x 80 x 151 cm / 47.2 x 31.5 x 59.4 in	120 x 80 x 151 cm / 47.2 x 31.5 x 59.4 in	120 x 80 x 126 cm / 47.2 x 31.5 x 49.6 in
Boxes/Pallet	48	48	36
Inlay/Pallet	2 592 000	1 584 000	810 000
Pallet Gross Weight	442 kg / 975 lbs	311 kg / 686 lbs	214 kg / 472 lbs



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