

EOS-915 SLIX2

T A G E O S

Datasheet

Small and High-Performing in Item Level and Packaging Applications

The EOS-915 SLIX2 inlay combines a convenient and small form factor with reliable, high read performance for a broad range of packaging, item level and product authentication applications in manufacturing, logistics, healthcare and retail environments.

EOS-915 SLIX2 uses the newest member of NXP's SLIX product family, the ICODE SLIX2 IC. The chip offers full backward compatibility to SLIX, extended user memory size (2.5 kbit), and outstanding characteristics such as NXP originality signature, overall increased performance, and flexible user memory segmentation with separate access.



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EOS-915 SLIX2 is available in dry, wet, and paper-face delivery 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-915 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 manufacturing processes and materials, such as FSC®-certified paper whenever possible.

Overview

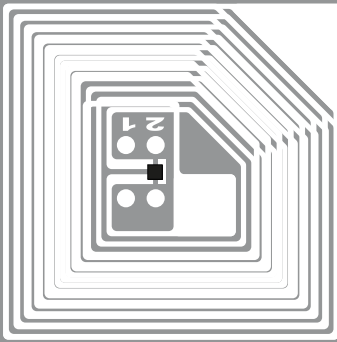
IC:	EOS-915 SLIX2
User Memory:	2560 bit
UID:	64 bit
Frequency Band:	13.56 MHz
Protocol:	ISO/IEC 15693 (Vicinity) / Type 5 Tag

Application Areas

- Item Level Tagging
- Product Authentication
- Smart Packaging



The mark of responsible forestry
FSC® C166692



EOS-915 SLIX2

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Technical Overview

	Dry	Wet	Paper-face
Product Code	9100000014	9100000015	9100000016
Antenna Size	13 x 13 mm 0.51 x 0.51 in	13 x 13 mm 0.51 x 0.51 in	13 x 13 mm 0.51 x 0.51 in
Finish Size	-	16 x 16 mm 0.63 x 0.63 in	16 x 16 mm 0.63 x 0.63 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	19.05 ± 0.2 mm 0.750 ± 0.01 in	19.05 ± 1 mm 0.750 ± 0.04 in	19.05 ± 1 mm 0.750 ± 0.04 in
FSC® Certification	-	-	-
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	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



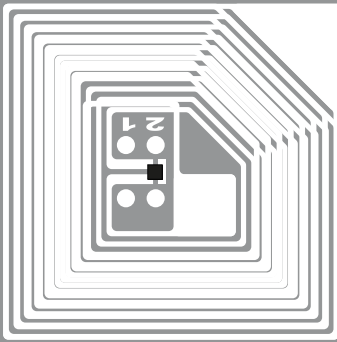
Contact:

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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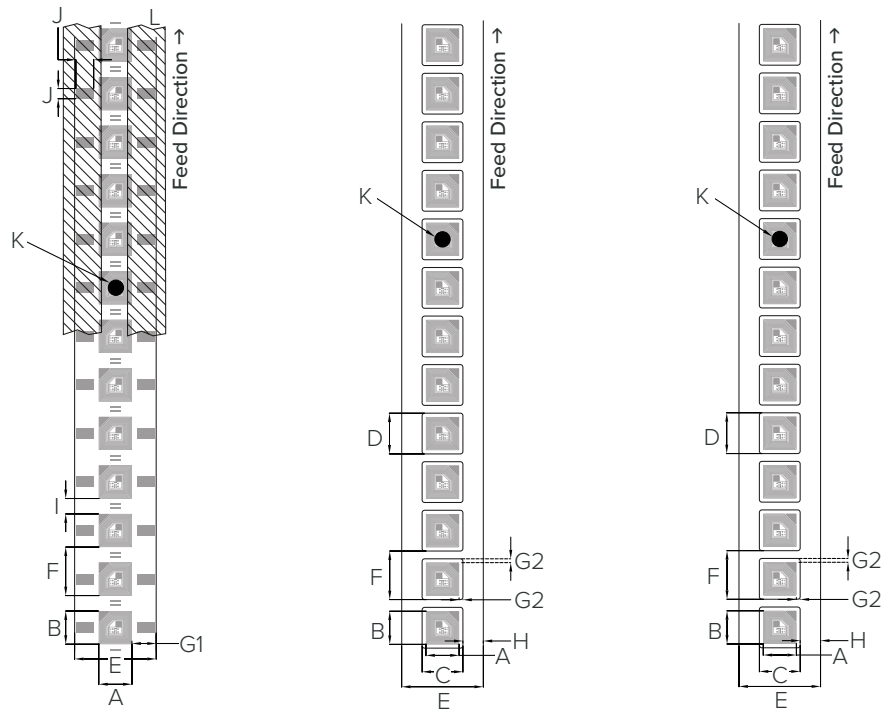


EOS-915 SLIX2

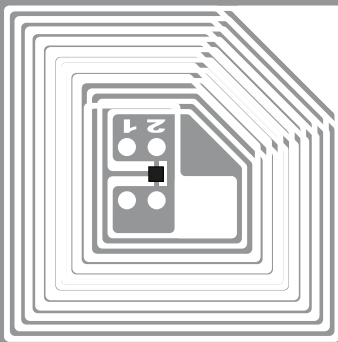
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Product Specifications

Mechanical Dimensions



		Dry	Wet	Paper-face
Product Code		9100000014	9100000015	9100000016
Antenna Size	A x B	13 x 13 mm / 0.51 x 0.51 in	13 x 13 mm / 0.51 x 0.51 in	13 x 13 mm / 0.51 x 0.51 in
Finish Size	C x D	- / -	16 x 16 mm / 0.63 x 0.63 in	16 x 16 mm / 0.63 x 0.63 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	19.05 ± 0.2 mm / 0.750 ± 0.01 in	19.05 ± 1 mm / 0.750 ± 0.04 in	19.05 ± 1 mm / 0.750 ± 0.04 in
Antenna to Web Edge	G1	9.50 ± 1 mm / 0.374 ± 0.04 in	-	-
Antenna to Die-cut	G2	-	1.5 ± 1 mm / 0.059 ± 0.04 in	1.5 ± 1 mm / 0.059 ± 0.04 in
Die-Cut to Web Edge	H	-	8.0 ± 1 mm / 0.315 ± 0.04 in	8.0 ± 1 mm / 0.315 ± 0.04 in
Antenna Gap	I	6.05 mm / 0.238 in	-	-
Converting Spot	J	7.00 x 4.00 mm / 0.276 x 0.157 in	-	-
Bad Mark	K	Ø 6.0 mm / 0.236 in bad inlays deactivated	Ø 6.0 mm / 0.236 in bad inlays deactivated	Ø 6.0 mm / 0.236 in bad inlays deactivated
Interleave	L	Yes	No	No
Registration Mark (RM) M		-	-	-
RM Postion	N	-	-	-



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Packing Details

	Dry	Wet	Paper-face
Product Code	9100000014	9100000015	9100000016
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	301 mm / 11.85 in	340 mm / 13.39 in	197 mm / 7.76 in
Unwinding Direction	Inlay on outside of roll	Inlay on outside of roll	Inlay on outside of roll
Standard Roll Size	30 000 (-0% +1.5%)	24 000 (-0% +1.5%)	5 000 (-0% +1.5%)
Min. Guar. Yield/Roll	99%	99%	99%
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	90 000	72 000	45 000
Box Gross Weight	7.8 kg / 17.19 lbs	6.45 kg / 14.21 lbs	5.54 kg / 12.21 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	4 320 000	3 456 000	1 620 000
Pallet Gross Weight	399 kg / 880 lbs	334 kg / 736 lbs	224 kg / 494 lbs

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