

EOS-262 U9

T A G E O S

Datasheet



T A G E O S

Truly Global High-Performing Solution for Retail and Logistics

The EOS-262 U9 inlay combines outstanding performance on various materials with a compact footprint. It comes with a comprehensive set of retail-relevant ARC certifications including I and K for ETSI and F and G for FCC regions.

Hence, EOS-262 U9 is the inlay of choice for multiple item-level applications in retail (particularly apparel, accessories, consumer electronics, home goods, and toys), logistics, automotive and industrial manufacturing.

It is available in dry, wet, and paper-face delivery formats.

EOS-262 U9 uses NXP's UCODE 9 IC which is well suited for inventory management applications and enables long read distance and fast inventory of dense RFID tag populations. The chip also features

96-bit EPC; kill password; EPC and kill password permalock; self-adjusting impedance; and memory integrity safeguards.

Tageos maintains annual ARC Quality Certification for all its manufacturing sites worldwide and was among the first companies to receive certification from the Auburn University RFID Lab in 2020. EOS-262 U9 complies with ARC specifications F, I, L, Q, R, Y2, W5, and W6.

Tageos complies with ISO 9001:2025 Quality Management and ISO 14001:2015 Environmental Management as well as utilizing sustainable manufacturing processes and materials, such as FSC®-certified paper, whenever possible. In addition, all Tageos products meet the RoHS and REACH environmental directives.

Overview

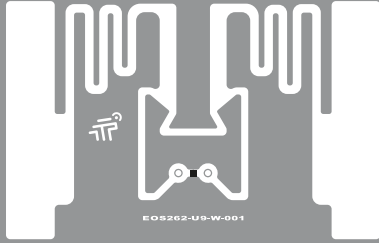
IC:	NXP UCODE 9
EPC/User Memory:	96 bit / - bit
TID Memory:	96 bit incl. 48 bit unique S/N
Frequency Band:	860 - 960 MHz (ETSI)
Protocol:	EPC Class 1 Gen 2 - ISO 18000-63

Application Areas

- Apparel
- Consumer Electronics
- Inventory Visibility
- Item Level Tagging
- Supply Chain Management



The mark of responsible forestry
FSC® C166692

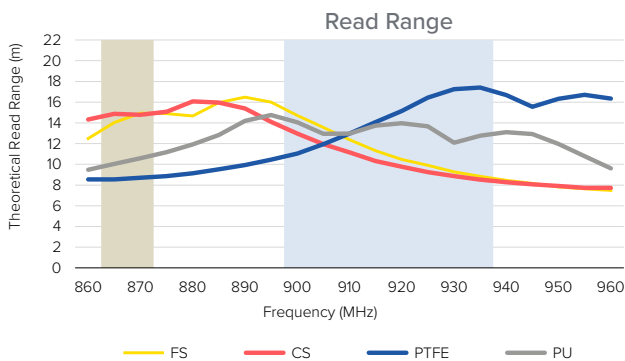


EOS-262 U9

T A G E O S

Technical Overview

	Dry	Wet	Paper-face
Product Code	2600000072	2600000073	2600000074
Antenna Size	44 x 28 mm 1.73 x 1.10 in	44 x 28 mm 1.73 x 1.10 in	44 x 28 mm 1.73 x 1.10 in
Finish Size	-	47 x 31 mm 1.85 x 1.22 in	47 x 31 mm 1.85 x 1.22 in
Web Width	50.00 ± 1 mm 1.969 ± 0.04 in	50.00 ± 1 mm 1.969 ± 0.04 in	50.00 ± 1 mm 1.969 ± 0.04 in
Pitch	34.93 ± 0.2 mm 1.375 ± 0.01 in	34.93 ± 1 mm 1.375 ± 0.04 in	34.93 ± 1 mm 1.375 ± 0.04 in
ARC Approvals	F, I, L, Q, R, Y2, W5, W6	F, I, L, Q, R, Y2, W5, W6	F, I, L, Q, R, Y2, W5, W6
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

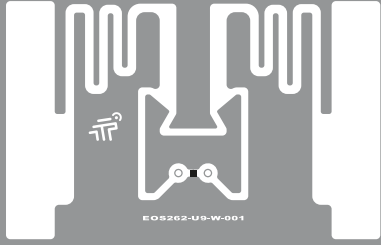


Contact:
Tageos SAS (HQ) . 1340 rue de Pinville . 34000 Montpellier . France . sales@tageos.com



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.

© 2025 Tageos. All rights reserved. The pictures and illustrations found on this document are for illustration purposes only, and do not necessarily represent the exact products. Tageos is a registered trademark. All other trademarks are the property of their respective owners. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use.

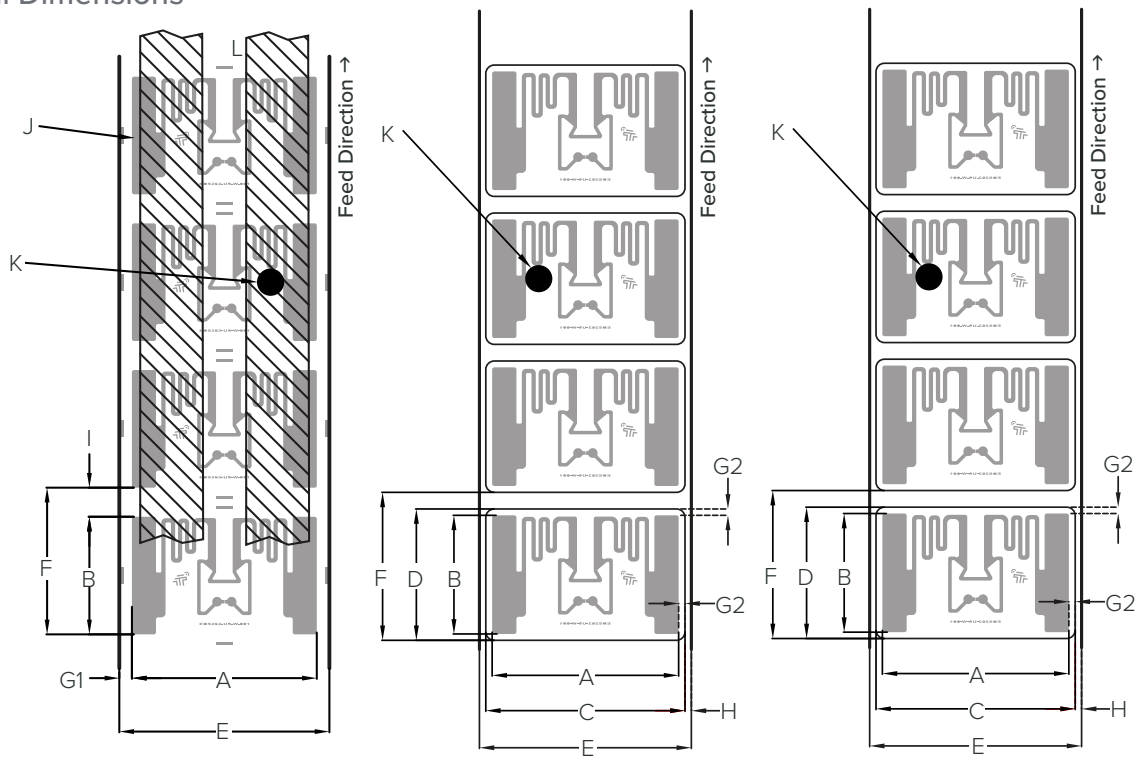


EOS-262 U9

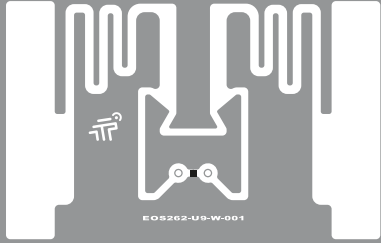
TAGEOS

Product Specifications

Mechanical Dimensions



	Dry	Wet	Paper-face
Product Code	2600000072	2600000073	2600000074
Antenna Size	A x B 44 x 28 mm / 1.73 x 1.10 in	44 x 28 mm / 1.73 x 1.10 in	44 x 28 mm / 1.73 x 1.10 in
Finish Size	C x D - / -	47 x 31 mm / 1.85 x 1.22 in	47 x 31 mm / 1.85 x 1.22 in
Web Width	E 50.00 ± 1 mm / 1.969 ± 0.04 in	50.00 ± 1 mm / 1.969 ± 0.04 in	50.00 ± 1 mm / 1.969 ± 0.04 in
Pitch	F 34.93 ± 0.2 mm / 1.375 ± 0.01 in	34.93 ± 1 mm / 1.375 ± 0.04 in	34.93 ± 1 mm / 1.375 ± 0.04 in
Antenna to Web Edge	G1 3.0 ± 1 mm / 0.118 ± 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 -	1.5 ± 1 mm / 0.059 ± 0.04 in	1.5 ± 1 mm / 0.059 ± 0.04 in
Antenna Gap	I 6.93 ± 1 mm / 0.273 in	-	-
Converting Spot	J 3.30 x 20.00 mm / 0.130 x 0.787 in, antenna section can be used	-	-
Bad Mark	K Ø 6.0 mm / 0.236 in	Ø 6.0 mm / 0.236 in	Ø 6.0 mm / 0.236 in
Interleaves	L Yes	No	No



EOS-262 U9

TAGEOS

Packing Details

	Dry	Wet	Paper-face
Product Code	2600000072	2600000073	2600000074
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	296 mm / 11.65 in	338 mm / 13.31 in	200 mm / 7.87 in
Unwinding Direction	Inlay on outside of roll	Inlay on outside of roll	Inlay on outside of roll
Standard Roll Size	18 000 (-0% +1.5%)	14 000 (-0% +1.5%)	3 000 (-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	2	2	6
Inlays/Box	36 000	28 000	18 000
Box Gross Weight	7.91 kg / 17.44 lbs	10.45 kg / 23.04 lbs	9.62 kg / 21.21 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
Inlays/Pallet	1 728 000	1 344 000	648 000
Pallet Gross Weight	404 kg / 891 lbs	526 kg / 1 160 lbs	371 kg / 818 lbs

Contact:

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



© 2025 Tageos All rights reserved. The pictures and illustrations found on this document are for illustration purposes only, and do not necessarily represent the exact products. Tageos is a registered trademark. All other trademarks are the property of their respective owners. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use.