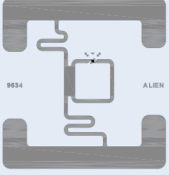







Alien Family of EPC Gen 2 RFID Inlays

Inlays: Form-factor/Orientation Family

	Higgs-3	Higgs-4	Antenna Size ¹	Application	Features	Benefits
2x2 	ALN-9634	N/A	1.73" x 1.81" 44mm x 46mm	Large items, baggage tagging, apparel and pharmaceutical bottles.	Highest performance in a 2" form factor.	A square form-factor for tracking of larger items. Multiple-frequency sensitivity optimized for high performance in all world regions.
Square (1x1) 	ALN-9629	N/A	0.89" x 0.89" 22.5mm x 22.5mm	Item level tagging, apparel, pharmaceutical bottles and other high value consumables.	High performance when a longer tag form-factor is inappropriate.	The Square provides performance close to the 2x2 in a smaller form-factor.
SIT (SIT) 	ALN-9613	ALN-9713	0.472" x 0.354" 12mm x 9mm	Jewelry, pharma, bottles, liquids, foods, DVD's, access control, loyalty cards, and other anti-counterfeiting applications.	Ultra Compact.	Fits very small objects normally challenging for RFID.
					Near field access only.	Close proximity read zone for added security.
					Can be used adjacent to metallic objects.	Extended read range enabled through appropriate placement to conductive surfaces.
Slimline™ (SL) 	N/A	ALN-9745	3.701" x 0.228"*** 94mm x 5.8mm** <small>***3.701" x 0.12" / 94mm x 3.05mm without inlay chip targets (not electrically significant - used for chip mounting only).</small>	Book spines, door edges, cigarette boxes, small package labels, narrow form factor assets.	Ultra slim form-factor at 5.8mm or 3.05mm thin (3.05mm without inlay targets).	Extremely narrow form-factor enabling use where RFID is normally not possible. Approaches the well regarded Squiggle/ Squigglette performance in an ultra narrow form-factor.



Alien Family of EPC Gen 2 RFID Inlays

Inlay Application Guide:

This table is a guide to assist narrowing the inlay types that may be relevant in your application. Tags should always be tested in their application but this table should help narrow that initial selection.

	Squiggle Family				Specialized Retail				High-Dielectric / Automotive			Form-factor			
	Squiggle® (SQ)	Short (SH)	Squiglette (ST)	Squig (SG)	Glint (GL)	HiScan (HS)	GT-Tag (GT)	Spider-360 (SP)	BAT-Tag (BAT)	Wonder-Dog (WD)	G-Tag (G)	SlimLine (SL)	2x2	Square (1x1)	SIT (SIT)
Higgs™4 Model #	ALN-9740	ALN-9762	ALN-9730 ALN-9730-E	ALN-9710	ALN-9715	ALN-9720	ALN-9728	ALN-9726	ALN-9770	ALN-9768	N/A	ALN-9745	N/A	N/A	ALN-9713
Higgs™3 Model #	ALN-9640	ALN-9662	ALN-9630	ALN-9610	N/A	N/A	N/A	N/A	N/A	N/A	ALN-9654	N/A	ALN-9634	ALN-9629	ALN-9613
Retail															
Mobile Asset Tracking*															
Automotive															
Pharma															
Ultra compact															
Wood/ Plastic/ Glass															
General Purpose															
Ref Design Available?	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes

	Best
	Better
	Good
	N/A

* Includes Consumer Electronic Devices (TV's, STB's etc)

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HANDLING PRECAUTIONS Observe standard handling practices to minimize ESD.

DISCLAIMER Application recommendations are guidelines only - actual results may vary and should be confirmed. This is a general purpose product not designed or intended for any specific application.

This product is covered by one or more of the following U.S. patents: 7967204, 7931063, 7868766, 7737825, 7716208, 7716160, 7688206, 7659822, 7619531, 7615479, 7598867, 7580378, 7576656, 7562083, 7561221, 7559486, 7559131, 7554451, 7551141, 7542301, 7542008, 7531218, 7522055, 7500610, 7489248, 7453705, 7425467, 7417306, 7382824, 7377445, 7364084, 7353598, 7342490, 7324061, 7321159, 7301438, 7295114, 7288432, 7265675, 7262686, 7260882, 7253735, 7244326, 7218527, 7214569, 7199527, 7193504, 7173526, 7172910, 7172789, 7141176, 7112250, 7101502, 7080444, 7070651, 7068224, 7046538, 6998644, 6988667, 6983361, 6980184, 6970219, 6952157, 6942155, 6933848, 6927085, 6916380, 6780896, 6731353, 6693384, 6683663, 6665044, 6657289, 6623579, 6606079, 6590346, 6586338, 6566744, 6555408, 6527964, 6479395, 6468638, 6420266, 6316278, 6291896, 6281038. Other patents pending.

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