

# Digital Labeling Technologies that Optimize Retail Performance



# Why choose Avery Dennison?

As the world's largest UHF RFID partner, we provide solutions for multiple industries, from retail and food, to healthcare and aviation.

Our integrated global RFID approach is proven to increase inventory accuracy, improve supply chain agility and enhance visibility across all channels.

When you choose Avery Dennison RFID, you get field-proven inlay products, advanced research and testing capabilities, experienced engineering and technical resources, and, most importantly, a partner with a deep understanding of what it takes to make your application successful.

Sustainability is at the core of everything we do, from innovation and product design to development and production. The majority of our inlays now feature our patented SmartFace™ Technology, which is one of the most sustainable solutions on the market, reducing your brand's environmental impact.

## Applications



Item-level retail: Apparel, accessories, cosmetics, jewelry, food and general retail



Healthcare: Medical and pharmaceutical



Transportation: Automotive and aviation



Industrial logistics and manufacturing



Brand protection and product authentication



Supply chain, inventory and logistics



Contactless cards and tickets



Library, media, documents and files

With Avery Dennison, you get the benefit of our relationships with best-in-class chip and reader manufacturers, label and tag converters and systems integrators across the globe. We can support you with the most challenging RFID projects across all channels, offering the total solution to meet your business needs.














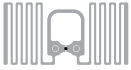









### Contact information

[rfid.averydennison.com/contact](https://rfid.averydennison.com/contact)




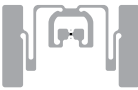
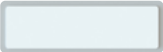










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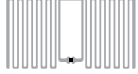





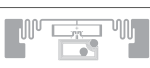











## UHF RFID Inlays

Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
AD-160		60 x 4 mm 2.36 x 0.16 in	NXP UCODE 7	Beauty and Personal Care Healthcare
AD-163			NXP UCODE 8	
AD-172		22 x 12.5 mm 0.9 x 0.5 in	NXP UCODE 7	Apparel Healthcare Beauty and Personal Care
AD-173		27 x 14 mm 1.06 x 0.55 in	NXP UCODE 8	Apparel Healthcare
AD-180		Ø 26 mm 1.02 in	NXP UCODE 7	Apparel Beauty and Personal Care
AD-190		22 x 12.5 mm 0.86 x 0.49 in	NXP UCODE 8	Apparel Healthcare Beauty and Personal Care
AD-226		95 x 8.15 mm 3.74 x 0.32 in	NXP G2iM	Apparel Logistics
AD-229			Impinj Monza R6 / R6-P	Industrial Applications Automotive
AD-236		70 x 14.5 mm 2.76 x 0.57 in	NXP UCODE 7	Apparel Industrial Applications
AD-237			Impinj Monza R6 / R6-P	
AD-238			NXP UCODE 8	
AD-251 ETSI		95 x 14.5 mm 3.74 x 0.57 in	Impinj Monza R6-P	Food
AD-251 FCC		95 x 13 mm 3.74 x 0.52 in	Impinj Monza R6-P	
AD-301		30 x 15 mm 1.20 x 0.60 in	Impinj Monza R6-P	Apparel Healthcare
AD-310		41.4 x 29 mm 1.60 x 1.10 in	NXP UCODE 8	Apparel Logistics
AD-320 ETSI		41 x 16 mm 1.63 x 0.63 in	NXP UCODE 7	Apparel Logistics Healthcare
AD-320 FCC			NXP UCODE 7	
AD-321 ETSI			Impinj Monza R6	
AD-321 FCC			Impinj Monza R6-P	
AD-324 ETSI			NXP UCODE 8	
AD-324 FCC			NXP UCODE 8	
AD-332		70 x 14.5 mm 2.76 x 0.57 in	NXP UCODE 8	Logistics Apparel
AD-350		76 x 6 mm 2.99 x 0.24 in	NXP UCODE 8	Apparel Logistics







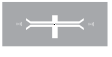
















## UHF RFID Inlays

Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
AD-370 NEL		19 x 53 mm 0.75 x 2.09 in	NXP UCODE 7	Apparel Logistics
AD-370		53 x 19 mm 2.09 x 0.75 in	NXP UCODE 7	
AD-372			NXP UCODE 8	
AD-373			NXP UCODE 7XM	Aviation Automotive Asset Tracking
AD-380		50 x 30 mm 1.97 x 1.18 in	NXP G2iM	Apparel Logistics
AD-383			NXP UCODE 7	Automotive
AD-384			Impinj Monza R6 / R6-P	
AD-385			NXP UCODE 8	
AD-454		69.85 x 19.05 mm 2.75 x 0.75 in	Impinj Monza R6-P	Industrial Applications
AD-456		64 x 6 mm 2.52 x 0.24 in	NXP UCODE 8	Beauty and Personal Care Food
AD-553		38 x 76 mm 1.50 x 2.99 in	NXP UCODE 8	Aviation
AD-554			Impinj Monza R6-B	
AD-560		38 x 70 mm 1.50 x 2.76 in	Impinj Monza 4QT	
AD-661		90 x 19 mm 3.54 x 0.75 in	Impinj Monza R6 / R6-P	Automotive Industrial Applications
AD-662			NXP UCODE DNA	Sports and Events
AD-663			NXP UCODE 7XM	
AD-665		90 x 19 mm 3.54 x 0.75 in	NXP UCODE 8	
AD-680		50 x 50 mm 1.97 x 1.97 in	Impinj Monza R6 / R6-P	Logistics
AD-681			Impinj Monza 4D / 4QT / 4i	
AD-806		16 x 16 mm 0.63 x 0.63 in	NXP UCODE 7	Apparel Healthcare
AD-810		Ø 16 mm 0.63 in	Impinj Monza R6	Healthcare
AD-850		Ø 10 mm 0.4 in	Impinj Monza 4QT	Healthcare Automotive




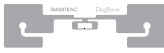
## UHF RFID Inlays

Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
<b>Accessory</b>		30 x 15 mm 1.20 x 0.60 in	Impinj Monza R6 / R6-P	Apparel Healthcare
<b>Bling</b>		22 x 12 mm 0.9 x 0.5 in	Impinj Monza R6 / R6-P	Apparel Healthcare Beauty and Personal Care
<b>Belt</b>		70 x 14 mm 2.756 x 0.551 in	NXP UCODE G2iL	Apparel Industrial Applications
		70 x 10 mm 2.76 x 0.39 in	NXP UCODE 7 NXP UCODE 7XM	
		70 x 14 mm 2.75 x 0.55 in	NXP UCODE 8	
		70 x 14 mm 2.75 x 0.55 in	Impinj Monza 5	
		70 x 10 mm 2.76 x 0.39 in	Impinj Monza R6 / R6-P	
<b>Belt DF</b>		70 x 20 mm 2.76 x 0.79 in	EM4425	
<b>Dogbone®</b>		88 x 24 mm 3.47 x 0.94 in	NXP UCODE G2iL	Automotive Industrial Applications Sports and Events
		94 x 24 mm 3.70 x 0.90 in	NXP UCODE 7 NXP UCODE 7XM	
		94 x 24 mm 3.70 x 0.90 in	NXP UCODE 8	
		85.9 x 24 mm 3.382 x 0.94 in	Impinj Monza 4D	
		94 x 24 mm 3.70 x 0.94 in	Impinj Monza R6 / R6-P	
<b>Eagle®</b>		44 x 28 mm 1.70 x 1.10 in	NXP UCODE 8	Apparel Logistics
<b>Fly</b>		12 x 12 mm 0.5 x 0.5 in	NXP UCODE 7XM	Automotive
<b>Frog 3D®</b>		40 x 40 mm 1.58 x 1.58 in	Impinj Monza 4i	Logistics
		50 x 50 mm 1.97 x 1.97 in	Impinj Monza 4D	
		68 x 68 mm 2.68 x 2.68 in		
<b>Grille</b>		22 x 22 mm 0.90 x 0.90 in	NXP UCODE 7XM	Automotive Healthcare












## UHF RFID Inlays

Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
<b>Miniweb</b>		40 x 18 mm 1.575 x 0.709 in	NXP UCODE G2iL	Apparel Logistics Healthcare
		46 x 16 mm 1.80 x 0.60 in	NXP UCODE 7	
		42 x 16 mm 1.70 x 0.60 in	NXP UCODE 8 ETSI	
			NXP UCODE 8 FCC	
			Impinj Monza R6 / R6-P	
<b>Midas Flagtag®</b>		31.41 x 18 mm 1.24 x 0.71 in	Impinj Monza R6 / R6-P	Automotive Logistics Industrial Applications Aviation Beauty and Personal Care
		47 x 18 mm 1.85 x 0.71 in	NXP UCODE 7XM	
<b>On-Metal</b>		95 x 40 mm 3.74 x 1.6 in	Impinj Monza 4QT	Industrial Applications
<b>Shortdipole</b>		93 x 11 mm 3.66 x 0.43 in	NXP UCODE 7	Apparel Logistics Industrial Applications
		93 x 11.05 mm 3.661 x 0.435 in	NXP UCODE G2iL	
		93 x 11 mm 3.661 x 0.433 in	Impinj Monza 4D	
		92.8 x 11 mm 3.654 x 0.433 in	Impinj Monza 5	
		92.75 x 11 mm 3.65 x 0.43 in	Impinj Monza R6 / R6-P	
<b>Skyline</b>		112 mm x 23 mm 4.41 x 0.91 in	NXP UCODE 7XM	Automotive Industrial Applications
<b>Trap</b>		8 x 22 mm 0.32 x 0.87 in	Impinj Monza 4E / 4D / 4QT	Healthcare Apparel
<b>Trap NF</b>		8 x 22 mm 0.32 x 0.87 in	Impinj Monza 5	
<b>Viper</b>		110 x 6 mm 4.331 x 0.236 in	Impinj Monza 4D	Industrial Applications Sports and Events
<b>Web</b>		30 x 49.4 mm 1.181 x 1.945 in	NXP UCODE G2iL	Apparel Logistics
		50 x 30 mm 1.97 x 1.18 in	NXP UCODE 7	
			NXP UCODE 8	
		49.4 x 30 mm 1.93 x 1.18 in	EM 4423	
		50 x 30 mm 1.97 x 1.18 in	Impinj Monza R6 / R6-P	
<b>Web Green</b>		50 x 30 mm 1.97 x 1.18 in	Impinj Monza R6 / R6-P	Apparel Logistics
<b>Wings™</b>		30 x 72 mm 1.18 x 2.84 in	NXP UCODE 8	Aviation

## UHF RFID Sensor Inlays




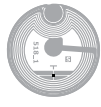
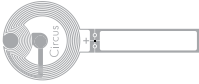
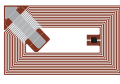
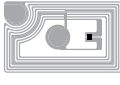

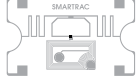
Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
<b>Sensor Dogbone®</b>		89 x 24 mm 3.50 x 0.90 in	Axzon Magnus S2	Industrial Applications
<b>Sensor Patch</b>		102 x 8.62 mm 4.02 x 0.34 in 97 x 8.62 mm 3.82 x 0.34 in		Healthcare Industrial Applications
<b>Sensor Tadpole</b>		18 x 81.15 mm 0.71 x 3.19 in 18 x 80.87 mm 0.71 x 3.18 in		Automotive Industrial Applications
<b>Temperature Sensor Dogbone®</b>		89 x 24 mm 3.50 x 0.90 in	Axzon Magnus S3	Industrial Applications Healthcare Food

## HF Inlays


Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
<b>Band</b>		23 x 70 mm 0.91 x 2.76 in	NXP ICODE ILT-M	Media and Document Management
<b>Block</b>		45 x 45 mm 1.77 x 1.77 in 47 x 47 mm 1.85 x 1.85 in		Media and Document Management Industrial Applications
<b>Block Lite</b>		47 x 47 mm 1.85 x 1.85 in 50 x 50 mm 1.97 x 1.97 in	NXP ICODE SLIX NXP ICODE SLIX2	Media and Document Management Industrial Applications
<b>Bullseye™</b>		Ø 33 mm 1.30 in	NXP ICODE SLIX NXP ICODE SLIX2	Media and Document Management Industrial Applications
<b>Circus™</b>		Ø 18 mm 0.71 in	NXP ICODE SLIX NXP ICODE SLIX 2	Industrial Applications
<b>Microtrack</b>		20 x 10 mm 0.79 x 0.39 in	NXP ICODE SLIX HC Infineon my-d vicinity 2k	Industrial Applications
<b>Miniblock</b>		14.5 x 14.5 mm 0.57 x 0.57 in	NXP ICODE SLIX NXP ICODE SLIX 2	
<b>Minitrack</b>		14 x 31 mm 0.55 x 1.22 in		
<b>Racetrack</b>		45 x 76 mm 1.772 x 2.992 in		Media and Document Management Industrial Applications
<b>Stingray</b>		105 mm 4.134 in		Media and Document Management Industrial Applications
<b>Web DF</b>		49.4 x 30 mm 1.93 x 1.18 in	EM 4423	Apparel Logistics



## NFC Inlays

Product Name	Design (not to scale)	Antenna Dimensions	Chip	Industry Segments
<b>Bullseye™ NFC</b>		35 mm 1.378 in	NXP NTAG216 NXP NTAG213	Electronics and Gaming Apparel Beauty and Personal Care
			Sony FeliCa Lite-S	
<b>Circus™ NFC</b>		Ø 20 mm 0.79 in	NXP NTAG210 Micro NXP NTAG213 NXP NTAG216	Electronics and Gaming Apparel
<b>Circus™ Dura</b>			NXP NTAG213	Apparel
<b>Circus™ Flex</b>				Electronics and Gaming Apparel
<b>Circus™ Pro</b>			Smartrac OTP	Electronics and Gaming NFC
<b>Circus™ Tamper Loop Pro</b>		20 x 50 mm 0.79 x 2.0 in	Silicon Craft SIC43NT	Beauty and Personal Care Food Healthcare
<b>Circus™ Tamper Loop</b>			NXP NTAG213 TT	
<b>Midas NFC</b>		10 x 17 mm 0.39 x 0.67 in	NXP NTAG213	Electronics and Gaming Apparel
<b>Midas+ NFC</b>		11.5 x 19 mm 0.45 x 0.75 in	NXP NTAG213 NXP NTAG210 Micro	
<b>Minitrack NFC</b>		14 x 31 mm 0.55 x 1.22 in	NXP NTAG213	
<b>Web DF</b>		49.4 x 30 mm 1.93 x 1.18 in	EM 4423	Apparel Logistics

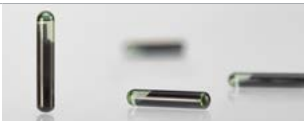

## UHF RFID Hard Tags

Product Name	Design (not to scale)	Hard Tag Dimensions	Chip	Industry Segments
<b>Eartrace® Male Flag</b>		60 x 76 mm 2.36 x 2.99 in	Impinj Monza R6-P	Animal Identification
<b>Maxdura® Bond</b>		29 x 58 mm 1.14 x 2.28 in	Impinj Monza 4QT	Industrial Applications Logistics Automotive
<b>Maxdura® Brick</b>		39 x 13 mm 1.54 x 0.51 in	Alien Higgs 3	Industrial Applications Logistics Automotive
<b>Maxdura® Case</b>		51 x 51 mm 2.01 x 2.01 in	Alien Higgs 3 NXP ICODE SLIX	
<b>Maxdura® Ceramic</b>		5 x 5 mm 0.20 x 0.20 in (±0.5 mm) many sizes available	Alien Higgs 3	Industrial Applications Logistics Automotive
<b>Maxdura® Doughnut</b>		Ø 34 mm 1.34 in		Industrial Applications Logistics Automotive
<b>Maxdura® Flex</b>		124 x 30 mm 4.88 x 1.18 in		Industrial Applications Logistics Automotive
<b>Maxdura® Keg</b>		53 x 26 mm 2.09 x 1.02 in	Impinj Monza R6-P	Food Logistics Industrial Applications
<b>Maxdura® Keg Dual</b>		53 x 43 mm 2.09 x 1.69 in	Impinj Monza R6-P NXP ICODE SLIX2	
<b>Maxdura® Keg Embedded</b>		10 x 60 mm 0.39 x 2.36 in	Impinj Monza R6-P	
<b>Maxdura® Long Range</b>		150 x 25 mm 5.91 x 0.98 in	Alien Higgs 3 Impinj Monza 4E	Industrial Applications Logistics Automotive
<b>Maxdura® Outdoor</b>		90 x 34 mm 3.54 x 1.34 in	Alien Higgs 3	
<b>Maxdura® Stripe</b>		120 x 17 mm 4.72 x 0.67 in		Industrial Applications Logistics Automotive
<b>Maxdura® Turtle</b>		28 x 28 mm 1.10 x 1.10 in	NXP UCODE 7XM	Industrial Applications Logistics Automotive

## HF Hard Tags

Product Name	Design (not to scale)	Hard Tag Dimensions	Chip	Industry Segments
<b>Maxdura® Case</b>		51 x 51 mm 2.01 x 2.01 in	Alien Higgs 3 NXP ICODE SLIX	Industrial Applications Logistics Automotive
<b>Maxdura® Disc</b>		Ø 20 mm 0.78 in Ø 30 mm 1.18 in Ø 50 mm 1.97 in	ATMEL ATA5577 Fujitsu FRAM 2k rev.C NXP ICODE SLIX NXP ICODE SLIX 2	Industrial Applications Healthcare Logistics Automotive
<b>Maxdura® Laundry</b>		Ø 16 mm 0.63 in	EM 4033 DFN	Industrial Applications Logistics, Apparel
<b>Maxdura® Mini</b>		Ø 6 mm 0.24 in	NXP ICODE SLIX	Industrial Applications Logistics Automotive

## NFC Hard Tags

Product Name	Design (not to scale)	Hard Tag Dimensions	Chip	Industry Segments
<b>Glass Tag NFC</b>		Ø 2.12 x 12 mm 0.08 x 0.47 in	NXP ICODE SLIX 2 NXP ICODE SLIX-L NXP NTAG216	Industrial Applications Healthcare Sports and Events
<b>Maxdura® Keg Dual</b>		53 x 43 mm 2.09 x 1.69 in	Impinj Monza R6-P NXP ICODE SLIX2	Food Logistics Industrial Applications

## LF Hard Tags

Product Name	Design (not to scale)	Hard Tag Dimensions	Chip	Industry Segments																		
<b>Glass Tag AES</b>		Ø 3.15 x 13.30 mm / 0.12 x 0.52 in	ASIC	Automotive Industrial Applications Immobilizer Systems																		
<b>Eartrace® Air Coil</b>		<table border="0"> <tr> <td>Max. Inner Diameter</td> <td>Max. Outer Diameter</td> </tr> <tr> <td>Ø 24.1 mm / 0.95 in</td> <td>Ø 20 mm / 0.79 in</td> </tr> <tr> <td>Ø 20 mm / 0.79 in</td> <td>Ø 15 mm / 0.59 in</td> </tr> <tr> <td>Ø 23 mm / 0.91 in</td> <td>Ø 19.5 mm / 0.77 in</td> </tr> <tr> <td>Ø 26 mm / 1.02 in</td> <td>Ø 17.1 mm / 0.67 in</td> </tr> <tr> <td>Ø 27 mm / 1.09 in</td> <td>Ø 23.8 mm 0.94 in</td> </tr> <tr> <td>Ø 20.8 mm / 0.81 in</td> <td>Ø 15 mm / 0.59 in</td> </tr> <tr> <td>Ø 25.4 mm / 1 in</td> <td>Ø 19.9 mm / 0.78 in</td> </tr> <tr> <td>Ø 27.8 mm / 1.09 in</td> <td>Ø 23.8 mm / 0.94 in</td> </tr> </table>	Max. Inner Diameter	Max. Outer Diameter	Ø 24.1 mm / 0.95 in	Ø 20 mm / 0.79 in	Ø 20 mm / 0.79 in	Ø 15 mm / 0.59 in	Ø 23 mm / 0.91 in	Ø 19.5 mm / 0.77 in	Ø 26 mm / 1.02 in	Ø 17.1 mm / 0.67 in	Ø 27 mm / 1.09 in	Ø 23.8 mm 0.94 in	Ø 20.8 mm / 0.81 in	Ø 15 mm / 0.59 in	Ø 25.4 mm / 1 in	Ø 19.9 mm / 0.78 in	Ø 27.8 mm / 1.09 in	Ø 23.8 mm / 0.94 in	EM 4305 SIC279	Animal Identification
Max. Inner Diameter	Max. Outer Diameter																					
Ø 24.1 mm / 0.95 in	Ø 20 mm / 0.79 in																					
Ø 20 mm / 0.79 in	Ø 15 mm / 0.59 in																					
Ø 23 mm / 0.91 in	Ø 19.5 mm / 0.77 in																					
Ø 26 mm / 1.02 in	Ø 17.1 mm / 0.67 in																					
Ø 27 mm / 1.09 in	Ø 23.8 mm 0.94 in																					
Ø 20.8 mm / 0.81 in	Ø 15 mm / 0.59 in																					
Ø 25.4 mm / 1 in	Ø 19.9 mm / 0.78 in																					
Ø 27.8 mm / 1.09 in	Ø 23.8 mm / 0.94 in																					
<b>Glass Tag Animal ID</b>		Ø 1.25 x 8.30 mm / 0.05 x 0.33 in Ø 1.41 x 8.30 mm / 0.06 x 0.33 in Ø 2.12 x 12 mm / 0.08 x 0.47 in Ø 3.85 x 23 mm / 0.15 x 0.91 in Ø 3.85 x 32 mm / 0.15 x 1.26 in	EM 4305 SIC279 Other IC's on request	Animal Identification																		
<b>Glass Tag Industry</b>		Ø 2.12 x 12 mm / 0.08 x 0.47 in Ø 3.15 x 13.30 mm / 0.12 x 0.52 in Ø 3.85 x 32 mm / 0.15 x 1.26 in	NXP HITAGS 256 NXP HITAGS 2048 Unique	Industrial Applications Logistics																		
<b>Intrace® Cannula</b>		Ø 1.41 x 8.30 mm / 0.06 x 0.33 in Ø 1.41 x 10 mm / 0.06 x 0.39 in Ø 2.12 x 12 mm / 0.08 x 0.47 in	EM 4305	Animal Identification																		
<b>Intrace® Syringe</b>		Ø 1.25 x 8.30 mm / 0.05 x 0.33 in Ø 1.41 x 8.30 mm / 0.06 x 0.33 in Ø 1.41 x 10 mm / 0.06 x 0.39 in Ø 2.12 x 12 mm / 0.08 x 0.47 in	EM 4305																			
<b>Glass Tag Tagcoder Lite II</b>		Ø 3.15 x 13.30 mm / 0.12 x 0.52 in	ASIC	Automotive Industrial Applications																		
<b>Tagmicro-Tx3D</b>		5 x 5 mm / 0.20 x 0.20 in	ASIC 16k	Automotive																		
<b>Tagmicro-TxFN</b>			ASIC 4k ASIC 8k	Automotive																		
<b>Tagreader IC</b>		9.93 x 5.99 mm / 0.39 x 0.23 in	ASIC	Automotive																		
<b>Glass Tag Unique Automotive</b>		Ø 3.15 x 13.30 mm / 0.12 x 0.52 in	EM 4102	Automotive Industrial Applications																		

## LF Reader

Product Name	Design (not to scale)	Hard Tag Dimensions	Industry Segments
<b>Intrace® Handheld Reader RH5</b>	 A white, handheld, oval-shaped device with a small screen and a few buttons. The brand name 'Intrace' is visible on the top.	155 x 82 mm / 6.10 x 3.23 in	Animal Identification
<b>Eartrace® Handheld Reader RH7</b>	 A long, thin, black handheld device with a red handle and a small screen. The brand name 'Eartrace' is visible on the handle. A small, gold-colored tag is shown next to it.	660 x 65 mm / 25.98 x 2.56 in	

## UHF IC Memory

	Name	EPC Memory	User Memory	TID Prefix	TID Memory
M4D	Impinj Monza 4D	128-bit	32-bit	E280 1100	96 bits of serialized TID with 48-bit serial number
M4i	Impinj Monza 4i	256-bit	480-bit	E280 1114	96 bits of serialized TID with 48-bit serial number
M4QT	Impinj Monza 4QT	128-bit	512-bit	E280 1105	96 bits of serialized TID with 48-bit serial number
M5	Impinj Monza 5	128-bit	32-bit	E280 1102	96 bits of serialized TID with 48-bit serial number
R6	Impinj Monza R6	96-bit	-	E280 1160	96 bits of serialized TID with 48-bit serial number
R6-B	Impinj Monza R6-B	96-bit	-	E280 1171	96 bits of serialized TID with 48-bit serial number
R6-P	Impinj Monza R6-P	96/128-bit	64/32-bit	E280 1170	96 bits of serialized TID with 48-bit serial number
G2iL	NXP UCODE G2iL	128-bit	-	E200 6806	64 bits of serialized TID with 32-bit serial number
G2iM	NXP G2iM	256-bit	512-bit	E200 680A	96 bits of serialized TID with 48-bit serial number
U7	NXP UCODE 7	128-bit	-	E280 6810	96 bits of serialized TID with 48-bit serial number
U7XM-1k	NXP UCODE 7XM	448-bit	1K-bit	E280 6D12	96 bits of serialized TID with 48-bit serial number
U7XM-2k	NXP UCODE 7XM	448-bit	2K-bit	E280 6F12	96 bits of serialized TID with 48-bit serial number
U7XM+	NXP UCODE 7XM+	448-bit	2K-bit	E280 6D92	96 bits of serialized TID with 48-bit serial number
U8	NXP UCODE 8	128-bit	-	E280 6894	96 bits of serialized TID with 48-bit serial number
UDNA	NXP UCODE DNA	224-bit	3K-bit	E2C0 6892	96 bits of serialized TID with 48-bit serial number

## HF / NFC IC Memory

	NXP ICODE SLIX	NXP ICODE SLIX2	MYD 2K	NXP NTAG210u	NXP NTAG213	NXP NTA216	MIFARE Ultralight EV1	NXP NTAG 213 TT	MIFARE Classic EV1 1K	SONY FeliCa Lite-S	NXP ICODE ILT-M	NXP NTAG424 DNA	SMT OTP	SIC43NT
	ISO 15693	ISO 15693	ISO 15693	ISO 14443A	ISO 14443A	ISO 14443A	ISO 14443A	ISO 14443A	ISO 14443A	ISO 18092	ISO 115693	ISO 14443A	ISO 14443A	ISO 14443A
Racetrack	●	●					●							
Block	●	●									●			
Bullseye™	●	●			●	●	●			●				
Stringray	●	●												
Minitrack	●	●					●				●			
Miniblock	●	●							●					
Microtrack	●		●											
Circus	●	●		●	●	●								
Circus Pro												●	●	●
Midas					●									
Midas+				●	●									
MIDAS SLIM					●									
Circus Tamper Loop								●						●

# Auburn University

## ARC Approved Inlay Designs

Model No	F	G	I	K	L	M	N	Q	U	W1	W2	W3	W4	W5	W6
AD-229 R6 / R6-P	●	●	●	●		●	●	●							
AD-236 U7	●	●	●	●	●	●	●	●		●	●			●	
AD-237 R6 / R6-P	●	●	●	●	●	●	●	●		●	●	●	●	●	●
AD-238 U8	●	●	●	●	●	●	●	●		●	●	●	●	●	●
AD-301 R6 / R6-P								●							
AD-310 U8	●	●	●	●		●		●			●			●	●
AD-320 U7		●				●		●							
AD-321 R6 / R6-P		●				●		●							
AD-324 U8 FCC	●	●		●		●		●			●			●	●
AD-324 U8 ETSI				●											
AD-332 U8	●	●				●	●	●		●	●	●	●	●	●
AD-370 U7								●							
AD-372 U8	●	●		●			●	●						●	
AD-383 U7	●	●		●		●		●			●			●	●
AD-384 R6 / R6-P	●	●		●	●	●	●	●		●	●			●	
AD-385 U8	●	●		●	●	●	●	●		●	●	●	●	●	●
AD-550 M5									●						
AD-553 U8									●						
AD-554 R6-B									●						

Inlay Family	IC	A	B	C	D	F	G	I	K	M	N	Q	U	W1	W2	W3	W4	W5
Accessory	Monza r6, r6-P											●						
Accessory	NXP u8									●		●						
Belt	NXP u8	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●
Belt	NXP u7	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●
Belt	Monza r6, r6-P	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●
Belt MC	Monza r6, r6-P	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●
Miniweb ETSI	Monza r6, r6-P	●	●	●	●		●		●	●		●						
Miniweb FCC	NXP u8	●	●		●		●		●	●	●	●			●			●
Miniweb ETSI	NXP u8	●	●		●			●	●									
Miniweb FCC	Monza r6, r6-P	●	●		●		●			●		●						
Miniweb FCC	NXP u7	●	●		●		●			●		●						
Miniweb FCC	Monza r6, r6-P	●	●				●		●			●						
Eagle®	NXP u8	●	●	●	●	●	●	●	●			●			●			●
Web	NXP u7	●	●		●	●	●	●	●	●		●						
Web	NXP u8	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●
Web	Monza r6, r6-P	●	●	●	●	●	●	●	●	●		●			●			●
Wings™	NXP u8												●					





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