



LAB  ID

relax with HF

HF Inlay line – ISO 15693

Inlay code	IN 600	IN 580	IN 590	IN 400	IN 410	IN 503 / 513	IN 523 / 533 / 543	IN 300	IN 560
Features									
Coil material	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Coil size (mm)	Ø 14	16 x 30	22 x 38	45 x 41.5	50 x 50	45 x 76	45 x 76	45 x 76	45 x 80
Pitch (mm)	24 x 20	24 x 40	48 x 44	48 x 48	60 x 60	48 x 79 (IN503) 48 x 96 (IN513)	48 x 91 (IN523 / IN533) Different chip position (IN533) 53 x 84,7 (IN543)	48 x 91	48 x 96
Min.die-cut size (mm) *	Ø 16	19 x 36	25 x 41	49 x 45	54 x 54	49 x 80	49 x 80	49 x 80	49 x 84
Delivery format									
Dry inlay	X	X	X	X	X	X	X	X	X
Wet inlay	X	X	X	X	X	X	X (IN543)	X	X
Label		X	X	X	X	X	X	X	X
Available ICs									
EM Marin	X	X	X	X	X	X	X		X
Fujitsu (upon request)									
Infineon my-d™		X	X	X	X	X	X		
NXP ICode family	X	X	X	X	X	X	X		X
ST LR family	X	X	X	X	X	X	X		X
TI Tag-It HF-I								X	
Applications	Retail, fobs, logistics with very small form factor constraints	Retail, logistics with small form factor constraints	Retail, logistics with small form factor constraints	Retail, logistics, libraries	Retail, logistics, libraries	Logistics, libraries, access control, ISO cards	Libraries	Logistics, libraries, access control, ISO cards	Logistics, libraries, access control, ISO cards

* contact sales office for other die-cut formats available

Pictures are not scaled



HF Inlay line – ISO 14443

Inlay code	IN 610	IN220	IN540	IN520	IN 500	IN 501	IN 200 / 201
Features							
Coil material	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Coil size (mm)	Ø 18	14 x 14	35 x 30	28 x 75	45 x 76	45 x 76	42 x 65
Pitch (mm)	24 x 24	48 x 48	44 x 38	31,5 x 91	48 x 91	48 x 79	48 x 70
Min.die-cut size (mm) *	Ø 20	19 x 19	39 x 34	32 x 79	49 x 80	49 x 80	45 x 68
Delivery format							
Dry inlay	X	X	X	X	X	X	X
Wet inlay	X	X	X	X	X	X	X
Label			X	X	X	X	X
Available ICs							
NXP Mifare & Desfire	X		X	X	X	X	
ST SR family		X					X
Infineon Mifare	X		X	X	X	X	
Applications	Access control, fobs, ticketing with small form factor constraints	Ticketing, micro-payments	Access control, ticketing	Ticketing	Access control, ticketing, ISO cards	Access control, ticketing, ISO cards	Access control, ticketing, ISO cards

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