



**B**

Fig.	Series	Frequency	Size	Operating Distance (m)	Package	Digi-Key Part No.	Cut Tape Price Each				Digi-Key Part No.	Tape and Reel		NXP Part No.
							1	25	100	250		Qty.	Pricing	
1	HITAG	125kHz	256	up to 2.0	FCP2	568-2212-1-ND	.82	.69	.55	.42	568-2212-2-ND	25,000	335.29/M	HTSFCH5601EV/DH-T
			256	up to 1.5	MOA2	568-2201-1-ND	1.55	1.25	.94	.87	568-2201-2-ND	16,000	760.85/M	HT2M02S2E3M-T
			256	up to 1.5	SOT-385	568-2203-ND§	6.79	1.91	1.77	1.74	—	—	—	HT2DC20S20M
			256	up to 2.0	MOA2	568-2215-1-ND	1.14	.95	.76	.57	568-2215-2-ND	16,000	473.63/M	HTSMOH5601EV-T
2	HITAG	125kHz	2048	up to 1.5	MOA2	568-2202-1-ND	2.37	1.90	1.43	1.33	568-2202-2-ND	16,000	1160.57/M	HT1M02S3E3M-T
			2048	up to 2.0	FCP2	568-2211-1-ND	1.61	1.29	.97	.90	568-2211-2-ND	25,000	770.52/M	HTSFCH4801EV/DH-T
			2048	up to 2.0	MOA2	568-2214-1-ND	1.87	1.50	1.13	1.05	568-2214-2-ND	16,000	915.57/M	HTSMOH4801EV-T
1	I-CODE®	13.56MHz	136	up to 1.5	FCP2	568-2226-1-ND	.53	.43	.32	.23	568-2226-2-ND	25,000	131.63/M	SL2FCS1001DV/DH-T
			192	up to 1.5	FCP2	568-2227-1-ND	.53	.43	.32	.23	568-2227-2-ND	25,000	131.63/M	SL2FCS1101DV/DH-T
			512	up to 1.5	MOA2	568-2225-1-ND	1.00	.75	.57	.42	568-2225-2-ND	16,000	311.88/M	SL1MOA2S30M-T
			1024	up to 1.5	MOA2	568-2228-1-ND	.85	.64	.48	.36	568-2228-2-ND	16,000	264.50/M	SL2MOS2001DVM-T
4	U-CODE	2.45GHz UHF	2048	up to 3.0	8-TSSOP	568-2229-1-ND	.81	.68	.54	.41	568-2229-2-ND	2,500	351.00/M	SL3S3001FTT

§ Bulk

**Smart Card ICs**

Fig.	Series	Frequency	EEPROM Size (byte)	Package	Digi-Key Part No.	Cut Tape Price Each				Digi-Key Part No.	Tape and Reel		NXP Part No.
						1	25	100	250		Qty.	Pricing	
1	MIFARE® Ultralight	13.56MHz	64	FCP2	568-2216-1-ND	.55	.42	.31	.23	568-2216-2-ND	25,000	167.58/M	MF0FCP2U10/DH-T
					568-2217-1-ND	.55	.42	.31	.23	568-2217-2-ND	25,000	167.58/M	MF0FCP2U11/DH-T
5	MIFARE Standard 1K	13.56MHz	1024	MOA4	568-2219-1-ND	1.45	1.22	.97	.73	568-2219-2-ND	16,000	605.25/M	MF1MOA4S50/D-T
					568-2218-1-ND	1.27	1.06	.85	.64	568-2218-2-ND	25,000	517.32/M	MF1FCP2S50/DH-T
5	MIFARE DESFire	13.56MHz	4096	MOA4	568-2220-1-ND	2.47	1.98	1.49	1.39	568-2220-2-ND	16,000	1212.14/M	MF3MOD4001DV/406-T

**Reader ICs**

Series	Frequency	Package	Digi-Key Part No.	Price Each				Digi-Key Part No.	Tape and Reel		NXP Part No.
				1	25	100	250		Qty.	Pricing	
HITAG	125kHz	14-SOIC	568-2206-5-ND§	1.93	1.80	1.67	1.64	—	—	—	HTRC11001AD
			568-2207-1-ND†	2.89	2.32	1.80	1.71	568-2207-2-ND	2,500	1618.10/M	HTRC11001TD-T
MIFARE®	13.56MHz	32-SOIC	568-2222-5-ND§	6.52	6.09	5.65	5.55	—	—	—	MFRC51T0FED
			568-2223-5-ND§	7.67	7.17	6.66	6.53	—	—	—	MFRC53T0FED
			568-2224-5-ND§	8.37	7.82	7.26	7.12	—	—	—	MFRC53101TD
MIFARE and I-CODE®	13.56MHz	32-SOIC	568-2199-5-ND§	9.51	8.88	8.24	8.08	—	—	—	CLRC63201TD

§ Tube † Cut Tape

**I-CODE® Proximity Evaluation Kit**

The I-CODE Pegoda reader is based on the SL RC400 reader IC. The SL RC400 reader IC for contactless communication at 13.56MHz. Up to 75mm read/write distance. USB Interface.

**Kit Includes:** I-CODE Pegoda Reader, USB Cable, SL RC400 Samples, I-CODE sample labels, software, and Users Guide

568-2230-ND (NXP # SLEV400/HAB) ..... \$307.89

**MIFARE® AND I-CODE® Contactless Smart Card Reader**

The Pegoda reader, CL RD701, is a contactless reader based on the CL RC632 reader IC. The CL RC632 is a member of a family of highly integrated reader ICs for contactless communication at 13.56MHz. All layers of ISO14443A+B, ISO 15693 as well as the MIFARE classic crypto are supported. The CL RD701 covers all functionality of the CL RC632 to be able to use this reader as a reference design for a new hardware design. It is designed for easy PC adaptation and application development as well. Typical operating distance 75 - 100mm. CE and FCC compliant.

**Kit Includes:** CL RD701 Pegoda Reader, USB cable, Ferrite

568-2200-ND (NXP # CLRD701)..... \$293.06

**MIFARE® Demo Kit**

The MF EV700/HAB is based on the MF RD700 Pegoda reader which uses the MF RC500 reader IC. The MF RC500 is a member of the MICORE family of highly integrated reader ICs for contactless communication at 13.56MHz. The MF EV700 evaluation kit is designed to fulfill several requirements. The Pegoda reader covers all functionality of the MF RC500 to be able to use this reader for easy PC adaptation and application development.

**Kit Includes:**

• MF RD700 Pegoda reader • Software • 5 MIFARE cards

568-2221-ND (NXP # MFEV700HABM) ..... \$386.91

**MIFARE® EV800 Evaluation Kit**

The MIFARE EV800 Evaluation Kit is based on the MF RD700 Pegoda reader. The Pegoda reader covers all functionality of the core component, MF RC500 reader IC, to be able to use this reader for easy PC adaptation and application development.

**Kit Includes:**

Pegoda reader, MF RD700 • Pegoda CD ROM • 5 MIFARE Cards • Pegoda PCB MF RM700 with USB or RS232 Interface • 5 MF RC 500 sample IC's • Card Size Antenna • 50 Ohm matching circuit

568-3161-ND (NXP # MFEV800HABM) ..... \$1276.14

**Digi-Reel®** Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.