



RCD Technology Antenna Design Library

Product Code	Antenna Size/Description	Chip Protocol	Chip Availability	Typical Application(s)
HF 13.56 MHz ISO 15693				
HF4545FCP_8.0	45mm X 45mm	ISO 15693	NXP I-code SLI	Library Book Labels
HF7545FCP_6.0	75mm X 45 mm	ISO 15693	NXP I-code SLI	Library Book Labels, Access Cards
HF7325FCP_7.2A	73mm X 25mm	ISO 15693	NXP I-code SLI	Tamper Evident RFID Wristband
HF7325FCP_7.1A	73mm X 25mm	ISO 15693	NXP I-code SLI	Standard RFID Wristband
HF7320FCP_7 SWB.6	73mm X 20mm	ISO 15693	NXP I-code SLI	Narrow web Tamper Evident RFID Wristband
HF6806FCP_5.1	68mm X 6mm	ISO 15693	NXP I-code SLI-S	Miniature Labels
HF7509FCP_5.1	75mm X 9mm	ISO 15693, 64 bit, 2Kbyte	NXP I-code SLI-S, ST LRI-2K, LRI-64	Miniature Labels
HF3111FCP_8.1	31mm X 11mm	ISO 15693, 64 bit, 2Kbyte	NXP I-code SLI-S, ST LRI-2K, LRI-64	Miniature Labels, Medical Device Tracking
HF 4429 FCP_4.3	44mm X 29mm	ISO 15693, 64 bit, 2Kbyte	NXP I-code SLI-S, ST LRI-2K, LRI-64	Flexible Labels, Medical Device Tracking, Livestock Tracking
HF 3508FCP_8.4	35mm X 9mm	ISO 15693, 64 bit, 2Kbyte	NXP I-code SLI-S	Medical Device Tracking, Product Authentication, Jewelry
HFR 17FCP_5.2	Round 34mm OD	ISO 15693, 64 bit, 2Kbyte	NXP I-code SLI-S, ST LRI-2K, LRI-64	DVD and CD tracking
HF 13.56 MHz Transit				
HF7545FCP_6.8A	75mm X 45mm	ISO 14443A	NXP MiFare Ultralite, 1K	Paper Transit Tickets, Plastic Cards
HF7545FCP_6.8A	75mm X 45mm, Chip position offset from CL	ISO 14443A	NXP MiFare Ultralite, 1K	Paper Transit Tickets, Plastic Cards
HFR12FCP_10.0	Round 24mm OD	ISO 14443A	NXP MiFare Ultralite, 1K	Authentication
HF 13.56 MHz Payment Cards				
HF8025MOAX_6.X	80mm X 25mm	ISO 14443B	Inside Micropass L4	Crdeit Card Pre-Lams
HF5216MOAX_8.0	52mm X 16mm	ISO 14443B	Inside Micropass L4	Crdeit Card Pre-Lams
UHF (US) 915 MHz				
UHF 3_2.AST1.1	95mm X 8.1mm	EPC Gen 2	Alien Technology	Paper Labels, General Purpose tags
UHF 3_2.AST1.2	70mm X 15mm	EPC Gen 2	Alien Technology	Auto Glass, High dielectric substrates
UHF9440.7530-0-16	72mm X 19 mm	EPC Gen 2	Alien Technology	Plastic Cards
UHF7530-102LS	72mm X 19mm	EPC Gen 2	ST Micro XARG2	Plastic Cards
UHF7530-104-Rev1c	72mm X 19mm	EPC Gen 2	ST Micro XARG2	Plastic Cards
UHF 3_2.AST1.3	50mm X 20 mm	EPC Gen 2	Alien Technology	Water Immersion
UHF2525 rev12g2	25mm X 25mm	EPC Gen 2	Alien Technology	Mini labels, Pharma