

## RFID Chip Technical Parameter

### 125KHz Chips List

Chip	Supplier	Protocol	Memory
EM4200	EM Microelectronic	ISO 7816	--
EM4205	EM Microelectronic	ISO 7816	512 bits
EM4305	EM Microelectronic	ISO 7816	512 bits
EM4450	EM Microelectronic	ISO 7816	1024 bits
TK4100	TK	ISO 7816	--
T5577	ATMEL	ISO 7816	330 bits
Hitag1	NXP	ISO 11784/85	2048 bits
Hitag2	NXP	ISO 11784/85	256 bits
Hitag S	NXP	ISO 11784/85	256/2048 bits

### 13.56Mhz Chips List

Chip	Supplier	Protocol	Memory
Ntag212	NXP	ISO/IEC 14443A	128 bytes
Ntag215	NXP	ISO/IEC 14443A	504 bytes
Ntag216	NXP	ISO/IEC 14443A	888 bytes
MIFARE Ultralight ®	NXP	ISO/IEC 14443A	64 bytes
MIFARE Ultralight ® EV1	NXP	ISO/IEC 14443A	80/164 bytes
MIFARE Ultralight® C	NXP	ISO/IEC 14443A	192bytes
Ntag 203/213	NXP	ISO/IEC 14443A	144 bytes
MIFARE Classic® 1K	NXP	ISO/IEC 14443A	1024 bytes
MIFARE Classic ® 4K	NXP	ISO/IEC 14443A	4096 bytes
MIFARE® DESFire ® EV1 2K	NXP	ISO/IEC 14443A	2048 bytes
MIFARE® DESFire ® EV1 4K	NXP	ISO/IEC 14443A	4096 bytes
MIFARE® DESFire ® EV1 8K	NXP	ISO/IEC 14443A	8192 bytes
Icode SLI	NXP	ISO 15693,ISO18000	1024 bits
Icode SLI-S	NXP	ISO 15693,ISO18000	2048 bits
Icode SLIX	NXP	ISO 15693,ISO18000	1024 bits
Icode SLIX-S	NXP	ISO 15693,ISO18000	2048 bytes
FM11RF08	Fudan	ISO/IEC 14443A	1024 bytes
FM11RF32	Fudan	ISO/IEC 14443A	4096 bytes
FM11RF005U	Fudan	ISO/IEC 14443A	64 bytes
FM1302N	Fudan	ISO 15693,ISO18000	1024 bits
FM1302T	Fudan	ISO 15693,ISO18000	2048 bits
Tag-it HF Ti2048	Texas Instrument	ISO 15693,ISO18000	2048 bits

### 860~960MHz Chips List

Chip	Supplier	Protocol	Memory
Higgs 3	Alien	EPCglobal Gen2 ISO/IEC 18000-6C	512 bits
Higgs 4	Alien	EPCglobal Gen2 ISO/IEC 18000-6C	128 bits
Monza 4QT	Impinj	EPCglobal Gen2 ISO/IEC 18000-6C	512 bits
Monza 4E	Impinj	EPCglobal Gen2 ISO/IEC 18000-6C	128 bits
Monza 4D	Impinj	EPCglobal Gen2 ISO/IEC 18000-6C	32 bits
Monza 5	Impinj	EPCglobal Gen2 ISO/IEC 18000-6C	--
UCODE EPC G2	Philips	EPCglobal Gen2 ISO/IEC 18000-6C	512 bits
UCODE G2XL	Philips	EPCglobal Gen2 ISO/IEC 18000-6C	368 bits
UCODE G2XM	Philips	EPCglobal Gen2 ISO/IEC 18000-6C	880 bits