

SMARTCARD AMERICA

The Secure Solution



Chip Optional for NXP MIFARE Contactless SmartCard

Chip Type	Protocol	Frequency	Memory	Write Endurance (cycles)	Data Retention (years)
MIFARE Ultralight® EV1	ISO 14443 A	13.56Mhz	48/128byte	100 000	10
MIFARE Ultralight® C	ISO 14443 A	13.56Mhz	144byte	100 000	10
MIFARE Classic® EV1 1K	ISO 14443 A	13.56Mhz	1024byte	200 000	10
MIFARE Classic® EV1 4K	ISO 14443 A	13.56Mhz	4096byte	200 000	10
MIFARE Plus® S 2K	ISO 14443 A	13.56Mhz	2048byte	200 000	10
MIFARE Plus® S 4K	ISO 14443 A	13.56Mhz	4096byte	200 000	10
MIFARE Plus® SE 1K	ISO 14443 A	13.56Mhz	1024byte	200 000	10
MIFARE Plus® X 2K	ISO 14443 A	13.56Mhz	2048byte	200 000	10
MIFARE Plus® X 4K	ISO 14443 A	13.56Mhz	4096byte	200 000	10
MIFARE Plus® EV1 2K	ISO 14443 A	13.56Mhz	2048byte	200 000	10
MIFARE Plus® EV1 4K	ISO 14443 A	13.56Mhz	4096byte	200 000	10
MIFARE® DESFire® EV1 2K	ISO 14443 A	13.56Mhz	2048byte	500 000	10
MIFARE® DESFire® EV1 4K	ISO 14443 A	13.56Mhz	4096byte	500 000	10
MIFARE® DESFire® EV1 8K	ISO 14443 A	13.56Mhz	8192byte	500 000	10
MIFARE® DESFire® EV2 2K	ISO 14443 A	13.56Mhz	2048byte	500 000	10
MIFARE® DESFire® EV2 4K	ISO 14443 A	13.56Mhz	4096byte	500 000	10
MIFARE® DESFire® EV2 8K	ISO 14443 A	13.56Mhz	8192byte	500 000	10

Contact Us:

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