

GENERAL DESCRIPTION

Rhombus MF 302M is a high performance mastercard Issuing device which can config Mifare I S50, S70 compatible format marstercard. It can be applied in setting U series * reader. It can set U reader to read data in some a sector of Mifare I card.

* U series can read data in sectors.

FEATURE

- Built-in transceiver antenna;
- Maximum effective distance up to 90mm;
- Support USB1.1 emulational keypad interface without external power supply;
- Support Mifare I S50、S70 and its compatible IC card;
- Provide USB drive procedure under WINDOWS 98,200 and XP environment;
- Provide DLL under WINDOWS environment;
- Provide card assistant device for user reference.

CHARACTERISTICS

- Absolute Maximum Ratings

ITEM	SYMBOL	VALUE	UNIT
Power Supply	VCC	6	V
Operating Temp	T _{OPR}	0~+70	°C
Storage Temp.	T _{STR}	-55~+125	°C

- Electrical and Mechanical Specification

Under T_A=25°C 及 VCC=+5V unless specified

ITEM	SYMBOL	MIN	TYPE	MAX	UNIT
Power Supply	VCC	4.5	5	5.5	V
Current Supply	I _c		70	100	mA
Operation Freq.	F _{REQ}		13.56		MHZ
Effective Distance*	DIS		40	80	mm

- Effective Distance depends on tags and operating environment.

Note: Rhombus' products must work with linear regulated power supply, and other kinds of power supply are prohibited.