

# 434 Mhz AM Low Consumption RX

LOW CONSUMPTION & LOW COST RECEIVER

## RX-4MA2

### Description

Low cost & Low current consumption: < 1 mA.  
Large operating temperature range: -40°C ÷ +80°C.  
High insensitivity to EM fields due to the use of SAW filter. In compliance with European Normative.

### Applications

Car alarm systems  
Battery powered devices  
Gate& door openers  
Security systems

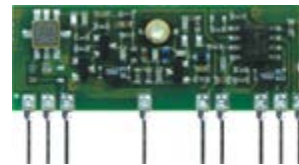
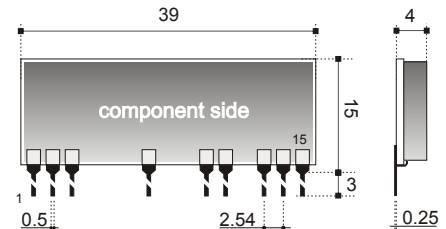
### Descrizione

Basso costo e bassa consumo: < 1 mA.  
Elevato range di temperatura: -40°C ÷ +80°C.  
Alta insensibilità ai campi elettromagnetici grazie al filtro SAW. Conforme alle Normative Europee.

### Applicazioni

Antifurto per auto  
Dispositivi a batteria  
Porte e cancelli  
Sistemi di sicurezza

### Dimensions



### Pin-Out

- 1) NC
- 2) Ground
- 3) Antenna
- 7) Ground
- 10) +V
- 11) Ground
- 13) T.P.
- 14) Data Output
- 15) +V

## TECHNICAL SPECIFICATION

Ta = 25 °C

Characteristics		Min	Typ	Max	Unit
Supply Voltage	Alimentazione	4.75	5	5.25	Vdc
Supply Current	Corrente Assorbita		0.7		mA
Reception frequency	Frequenza di ricezione		433.92		MHz
RF sensitivity <sup>(1)</sup>	Sensibilità RF <sup>(1)</sup>		-100	-105 <sup>1)</sup>	dBm
IF Bandwidth - 3dB	Banda passante IF a - 3dB		600		KHz
Interference rejection at ± 10 Mhz	Reiezione alle Interferenze a ± 10 Mhz		-120		dB
Square wave output	Onda quadra in uscita	0.1	2.5	3	KHz
Output high voltage	Livello alto d'uscita		3.8		V
Output low voltage	Livello basso d'uscita			0.1	V
Antenna RF emission	Emissioni RF spurie in antenna			- 80	dB
Switch-on time	Tempo di accensione			2.5	ms
Operating temperature range	Temperatura di lavoro	-40		+80	°C

<sup>(1)</sup> RF generator with 100% modulation