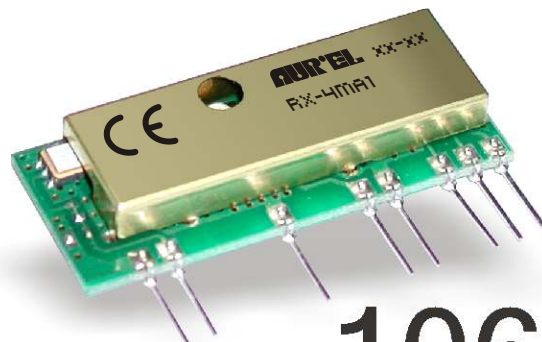


434 Mhz Low Cost Receiver



-106* dBm

Caratteristiche principali

Ricevitore RF ad alte prestazioni e basso costo. Elevata selettività ed alta immunità ai campi elettromagnetici interferenti, ottenuta con l'impiego di filtro SAW in ingresso e schermo metallico.

In accordo con le Normative Europee.

* Generatore RF con 100% di modulazione

Main Features

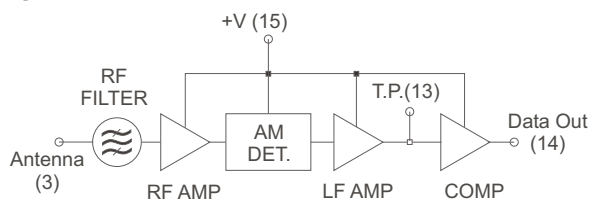
High performance and low cost RF receiver.
High selectivity and high insensitivity to electromagnetic fields from installed input SAW filter and shielded case.
In compliance with European Normative.

* RF generator with 100% modulation

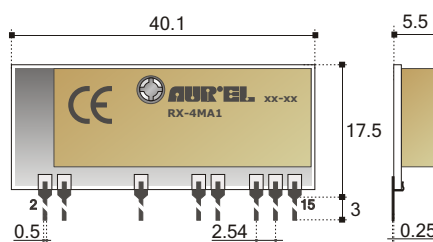
Applications

Gate door openers, Burglar alarms, Car alarms, Personal security, Home security, Remote controls.

Block diagram



Mechanical Dimensions



Pin-out

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

434 MHz Low Cost Receiver

Technical Specification

Ta = 25 °C

Characteristics	Min	Typ	Max	Unit
V _S Supply Voltage	4.75	5	5.25	Vdc
I _S Supply Current	2.6	3	3.3	mA
F _W Reception Frequency		433.92		MHz
S _I RF Sensitivity *	-103	-106	-108	dBm
B _W RF Bandwidth -3dB		600		KHz
I _F Interference rejection Fc ±10 Mhz		-120		dB
S _O Square Wave Output	0.1	2.5	3	KHz
H _O Output High Voltage		3.8		V
L _O Output Low Voltage			0.1	V
E _A Antenna RF Emission			- 80	dBm
T _{ON} Switch-on Time			2.5	s
T _{OP} Operating Temperature Range	-20		+80	°C

* RF generator with 100% modulation

Specifiche Tecniche

Ta = 25 °C

Characteristics	Min	Tip	Max	Unit
V _S Alimentazione	4.75	5	5.25	Vdc
I _S Corrente assorbita	2.6	3	3.3	mA
F _W Frequenza di ricezione		433.92		MHz
S _I Sensibilità RF *	-103	-106	-108	dBm
B _W Banda passante RF a - 3dB		600		KHz
I _F Reiezione alle interferenze Fc ±10 Mhz		-120		dB
S _O Onda quadra in uscita	0.1	2.5	3	KHz
H _O Livello alto d'uscita		3.8		V
L _O Livello basso d'uscita			0.1	V
E _A Emissioni RF spurie in antenna			- 80	dBm
T _{ON} Tempo di accensione			2.5	s
T _{OP} Temperatura di lavoro	-20		+80	°C

* Generatore RF con 100% di modulazione

Part Number / Model

650200823
mod. RX-4MA1