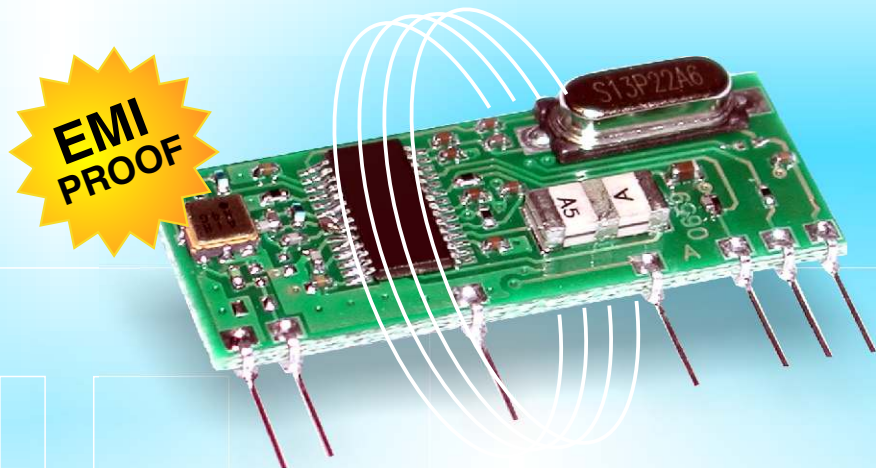


High selectivity Super-het Receiver

RX-4MM5 ++



Information subject to change without notice

Pin-out

- 2) Ground
- 3) Antenna
- 7) Ground
- 11) AGC On-Off
- 13) RSSI Out - Test point
- 14) Data Out
- 15) +V

-114dBm

Description

Super-het receiver of AM modulated digital data, with high selectivity and insensitivity to electromagnetic fields from installed input SAW filter.

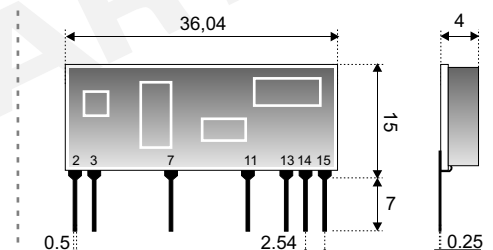
In compliance with European Normative in class 1 for electromagnetic immunity (EN 301 489-1)

Descrizione

Ricevitore supereterodina ad elevata selettività.

Alta immunità ai campi elettromagnetici interferenti, ottenuta con l'impiego di filtro SAW in ingresso. **Conforme alle Normative Europee in classe 1 per l'immunità elettromagnetica (EN 301 489-1)**

Outline



Technical Specification

Ta = 25 °C

Characteristics		Min	Typ	Max	Unit
Supply Voltage	Corrente Assorbita	4.5	5	5.5	Vdc
Supply Current	Alimentazione		5.8	7	mA
Reception frequency	Frequenza di ricezione		433.92		MHz
RF sensitivity*	Sensibilità RF*	-110	-114	-115*	dBm
IF Bandwidth - 3dB	Banda passante IF a - 3dB		300		KHz
Interference rejection at ± 10 Mhz	Reiezione alle Interferenze a ± 10 Mhz	60			dB
Square wave output	Onda quadra in uscita		2	3	KHz
Output high voltage	Livello alto d'uscita	Vs-0.6			V
Output low voltage	Livello basso d'uscita			GND+0.4	V
Antenna RF emission	Emissioni RF spurie in antenna			- 60	dB
Switch-on time	Tempo di accensione			0.3	ms
Operating temperature range	Temperatura di lavoro	-20		+80	°C

* RF generator with 100% modulation

File: RX-4MM4++.pdf
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Rev. A