

Low Voltage-Low Current Receiver

RX-4M30RR04SF

EMI-RFI SHIELDING

0.4 mA MAX
3 Vdc

434 MHz

Pin-out

- 2) Ground
- 3) Antenna
- 7) Ground
- 10) +V
- 11) Ground
- 13) Test Point
- 14) Data Output
- 15) +V

Information subject to change without notice

Description

Low cost, low voltage and low current RF receiver. High selectivity and high insensitivity to electromagnetic fields from installed input filter and shielded case.

The 3V supply makes it an ideal component of portable battery systems.

In compliance with EN 300 220 and ETS 300 683 (class 1).

Technical Specification

CHARACTERISTICS	MIN	TYP	MAX	UNIT
V _s Supply Voltage • Alimentazione	2.9	3	3.1	Vdc
I _s Supply Current • Corrente Assorbita		380	400	μA
F _w Reception frequency • Frequenza di ricezione		433.92		MHz
S _i RF sensitivity • Sensibilità RF	-92	-94	-96	dBm
B _w RF Bandwidth - 3dB • Banda passante RF a - 3dB		600		KHz
S _o Square wave output • Onda quadra in uscita		3		KHz
H _o Output high voltage • Livello alto d'uscita		V _s - 1.2		V
L _o Output low voltage • Livello basso d'uscita			GND + 0.1	V
E _A Antenna RF emission • Emissioni RF spurie in antenna		-80		dBm
T _{ON} Switch-on time • Tempo di accensione			2	s
T _{OP} Operating temperature range • Temperatura di lavoro	-20		+80	°C

Dimensions: 40.13 x 16.51 x 5.5 mm



FUTURA ELETTRONICA

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