

Low Cost Micro Amps Receiver

0.07 mA

Pin-out

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

RX-4M30RR01SF

[650200590]

EMI-RFI SHIELDING

3V

Information subject to change without notice

Description

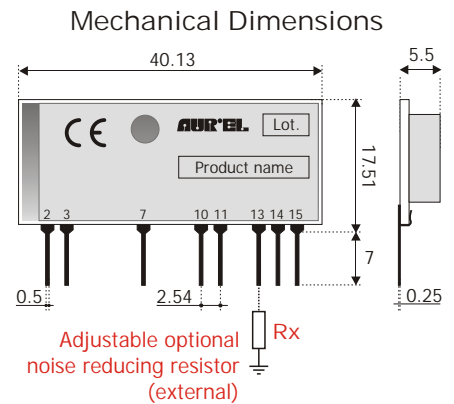
Low cost micro amps RF receiver. High selectivity and high insensitivity to electromagnetic fields from installed input SAW filter and shielded case. 5.6 M resistor suggested for noise reduction suitable for most application [about 3 dB sensitivity loss]. In compliance with EN 300 220 and ETS 300 683.

Descrizione

Ricevitore RF economico a basso assorbimento. Elevata selettività ed alta immunità ai campi elettromagnetici interferenti, ottenuta con l'impiego di filtro SAW in ingresso e schermo metallico. Si suggerisce Rx=5.6 M per una riduzione del rumore accettabile alla maggioranza delle applicazioni [circa 3 dB di perdita in sensibilità]. In accordo con EN 300 220 ed ETS 300 683.

Technical Specification

CHARACTERISTICS		MIN	TYP	MAX	UNIT
V _s	Supply Voltage • Alimentazione	2.75	3	3.25	Vdc
I _s	Supply Current • Corrente Assorbita		0.07		mA
F _w	Reception frequency • Frequenza di ricezione		433.92		MHz
S _i	RF sensitivity • Sensibilità RF			-94	dBm
B _w	RF Bandwidth - 3dB • Banda passante RF a - 3dB		600		KHz
R _i	Interference rejection • Reiezione a interferenze [F _c ±10MHz]		>80		dB
S _o	Square wave output • Onda quadra in uscita		2	3	KHz
H _o	Output high voltage • Livello alto d'uscita	V _s - 0.4			V
L _o	Output low voltage • Livello basso d'uscita			GND + 0.4	V
E _a	Antenna RF emission • Emissioni RF spurie in antenna			- 60	dBm
T _{ON}	Switch-on time • Tempo di accensione			2	s
T _{OP}	Operating temperature range • Temperatura di lavoro	-20		+80	°C



T_a = 25 °C

Certification Tests from PRIMA RICERCA & SVILUPPO - 22020 Gaggino Faloppio (CO) Italy.
I report tecnici sono stati ottenuti dal laboratorio PRIMA RICERCA & SVILUPPO - 22020 Gaggino Faloppio (CO) Italia.

Technical Mail : Lab-el@aurel.it

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [RF Modules](#) category:

Click to view products by [Aurel](#) manufacturer:

Other Similar products are found below :

[HMC-C009](#) [HMC-C011](#) [nRF24L01P-MODULE-PCB](#) [HMC-C021](#) [HMC-C024](#) [XB9XT-DPRS-721](#) [XBP9B-DMUTB022](#) [nRF24L01P-MODULE-SMA](#) [CMD-KEY2-418-CRE](#) [XM-C92-2P-UA](#) [XB9XT-DPUS-721](#) [V640-A90](#) [HMC-C583](#) [MAAM-008818-TR3000](#) [MTSMC-H5-U](#) [SIMSA868-PRO](#) [SIMSA915C-PRO](#) [SIMSA868C-PRO](#) [SIMSA433C-PRO](#) [SIMSA915-PRO](#) [XBP9B-DMUT-042](#) [HMC-C582](#) [HMC-C022](#) [XBP9B-DPST-041](#) [XBP9B-DMWT-042](#) [SM-MN-00-HF-RC](#) [HMC-C031](#) [MT-02](#) [M1002GB](#) [702-W](#) [SIMSA868C-N-PRO](#) [SIMSA433C-N-PRO](#) [SIMSA915C-N-PRO](#) [ADP-R202-00B](#) [PEPPER WIRELESS C1 USB](#) [S2-10732-Z1T61](#) [S2-107XB-Z2356-Z2352](#) [S2-10672-Z1L85](#) [S2-10686-Z1L1D](#) [S2-10688-Z1L1T](#) [S2-106BA-Z1P20](#) [S2-1060C-Z1F0A](#) [S2-106R4-Z1Q6F-Z1Q6Q](#) [S2-106R4-Z1Q6J-Z1Q6Q](#) [S2-106RB-Z1Q6V-Z1Q6Q](#) [S2-107DR-Z1Y5B](#) [SU60-2230C-PU](#) [RC-TFSK3-868](#) [NANO RFID POE](#) [650201424G](#)