433 MHz ASK wide band - FR4 substrate

LOW COST RECEIVER

AC-RX2/CS

P.N. 650201133G

DESCRIZIONE

Versione su circuito stampato (FR4) del più conosciuto ricevitore AC-RX2 su allumina. Pin-out standard AUREL
Ricevitore con condensatore variabile a basso assorbimento, alta immunità ai disturbi di alimentazione e bassa radiazione in antenna.

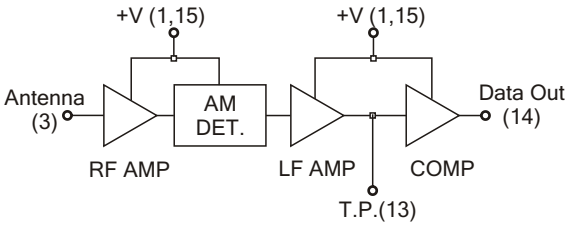
(1) **100% generatore RF**

DESCRIPTION

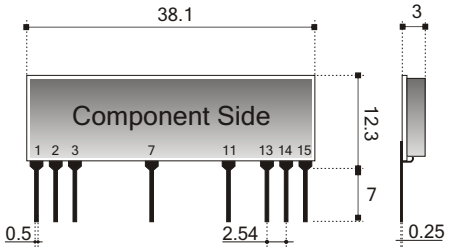
Printed circuit version of the well established long available, AC-RX2 receiver assembled on alumina substrate.
Same AUREL standard pin-out.
Trimmable capacitor, low current, low antenna radiation and high insensitivity to power switching noises.

(1) **RF generator with 100% modulation**

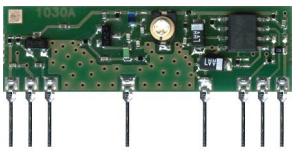
BLOCK DIAGRAM



DIMENSIONS



COMPONENT SIDE



PIN-OUT

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

TECHNICAL SPECIFICATION

Ta = 25 °C

CARATTERISTICHE / CHARACTERISTICS	MIN	TYP	MAX	UNIT
Supply Voltage • Alimentazione	4.5	5	5.5	Vdc
Supply Current • Corrente Assorbita		2.5	3	mA
Reception frequency • Frequenza di ricezione		433.92		MHz
RF sensitivity • Sensibilità RF		-106(1)		dBm
- 3dB RF Bandwidth • Banda passante RF a - 3dB		±2		MHz
Square wave output • Onda quadra in uscita			3	KHz
Spectrum emitted level • Radiazione in antenna		-65	-60	dBm
Output high voltage• Livello alto d'uscita	V_S - 1.2			V
Output low voltage• Livello basso d'uscita			GND + 0.4	V
Switch-on time• Tempo di accensione			2	s
Operating temperature range • Temperatura di lavoro	-20		+80	°C

(1) RF generator with 100% modulation

Information subject to change without notice

AUREL S.p.A. • Via Foro dei Tigli, 4 • I 47015 Modigliana (FC) Italy • Phone : +39-0546.941124 • Fax : +39-0546.941660
http://www.aurelwireless.com • email: rfcomm@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 RFID USB POCKET