

Band pass filtered Super Het OOK Receiver

433.92 Mhz superhet receiver RED compliant
(Radio Equipment Directive 2014/53/EU)



RX-4MR50-SMD

P.N. 650201464G

DESCRIZIONE

Ricevitore economico OOK operante a 433.92 Mhz con filtro passa banda, compatibile con la RED (Radio Equipment Directive 2014/53/EU) e in particolare con le norme armonizzate:

- EN 301 489-3 : V2.1.1 (final draft)
- EN 300 220-2 : V3.1.1

Ingresso antenna protetto da scariche ESD, conforme alla normativa 61000-4-2.

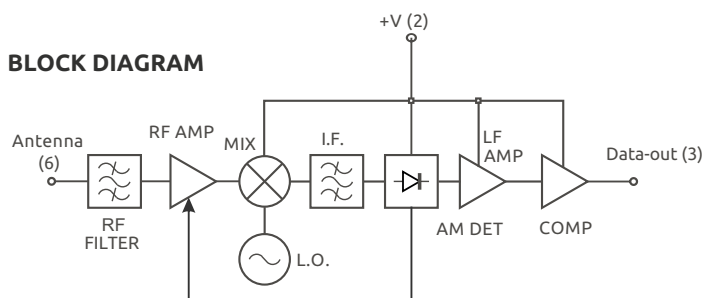
DESCRIPTION

Low cost OOK receiver working at 433.92 Mhz with band pass filter, compliant with RED (Radio Equipment Directive 2014/53/EU):

- EN 301 489-3 : V2.1.1 (final draft)
- EN 300 220-2 : V3.1.1

ESD antenna protection in compliance with EN61000-4-2.

BLOCK DIAGRAM



TECHNICAL SPECIFICATION

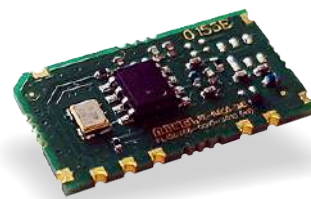
Ta = 25 °C

CHARACTERISTICS		MIN	TYP	MAX	UNIT
Supply Voltage	Alimentazione	3	5	5.5	Vdc
Supply Current	Corrente Assorbita	4.1	4.4	4.6	mA
Reception frequency	Frequenza di ricezione		433.92		MHz
RF sensitivity*	Sensibilità RF*		-112	-114	dBm
IF Bandwidth - 3dB	Banda passante IF a - 3dB		420		KHz
RF power on 50 Ohm pin ant.	Potenza RF su 50 Ohm pin ant.			-60	dBm
Square wave output	Onda quadra in uscita	0.020	1	5	KHz
Output high voltage	Livello alto d'uscita	Vcc-0.6		Vcc-0.1	V
Output low voltage	Livello basso d'uscita	GND		GND+0.4	V
Switch on time	Tempo dio accensione			4	msec
Operating temperature range	Temperatura di lavoro	-20		+85	°C

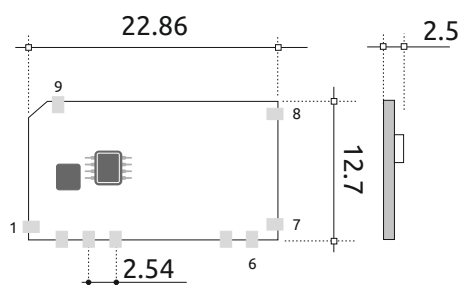
* RF generator with 100% modulation

* Generatore RF con modulazione 100%

COMPONENT SIDE



DIMENSIONS



PIN-OUT

- 1) GND
- 2) +Vcc
- 3) Data Out
- 4) N.C.
- 5) GND
- 6) Antenna
- 7) GND
- 8) GND
- 9) GND

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](#) [nRF24L01P-MODULE-PCB](#) [HMC-C001](#) [HMC-C021](#) [HMC-C024](#) [XB9XT-DPRS-721](#) [XBP24BZ7PIT-004J](#) [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](#) [PEPPER WIRELESS C1 USB](#) [S2-1050J-Z0K4J](#) [S2-10732-Z1T61](#) [S2-10716-Z1W4E](#) [S2-107ET-Z1W6D](#) [S2-10686-Z1L1D](#) [S2-10688-Z1L1T](#) [S2-106BA-Z1P20](#) [UC15EA-MINIPCIE](#) [SU60-2230C-PU](#) [RC-TFSK3-868](#) [NANO RFID POE](#) [650201424G](#) [H330 A30-00](#) [CMD-HHCP-433-MD](#) [RC-CC1101-SPI-868](#)