

OOK 433 MHz SAW filtered Receiver

RED COMPLIANT 2014/53/EU

AC-RX2++

P.N. 650201528G

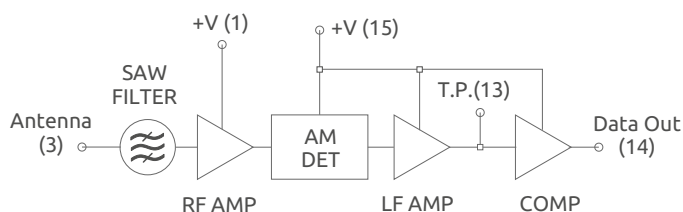
DESCRIZIONE

Ricevitore economico OOK operante a 433,92 MHz con filtro SAW, compatibile con le normative RED 2014/53/EU (Radio Equipment Directive).

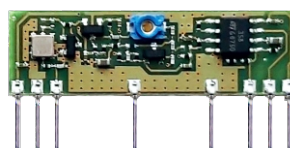
DESCRIPTION

Low cost OOK receiver operating at 433.92 MHz with SAW filter, compatible with RED 2014/53/EU (Radio Equipment Directive).

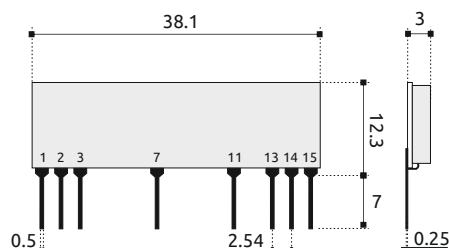
BLOCK DIAGRAM



COMPONENT SIDE



DIMENSIONS



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	4.75	5	5.25	Vdc
Supply Current • Corrente Assorbita		2.75	3	mA
Reception frequency • Frequenza di ricezione		433.92		Mhz
RF sensitivity • Sensibilità RF	-103	-105	-107	dBm
- 3dB RF Bandwidth • Banda RF a - 3dB		600	700	Khz
BF band • Banda BF	0,020		3	Khz
Pin 3 Spurious • Spurie pin 3		-80		dBm
Output high voltage • Livello alto d'uscita	Vcc - 1.4		Vcc - 1.2	V
Output low voltage • Livello basso d'uscita	GND		GND + 0.4	V
Switch-on time • Tempo di accensione			2.5	s
Operating temperature range • Temperatura di lavoro	-20		+85	°C