



EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

Band pass filtered Super Het FSK Receiver

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



RX-4MR50FM++

P.N. 650201552G

DESCRIZIONE

Ricevitore supereterodina FSK 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
- EN 300 220-2 : V3.1.1

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

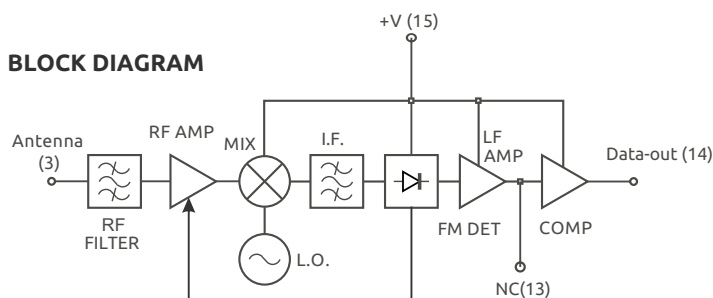
DESCRIPTION

FSK super-heterodyne receiver working at 433.92 Mhz with band pass filter, compliant with RED (Radio Equipment Directive 2014/53/EU) and in particular with harmonics standards:

- EN 301 489-3 : V2.1.1
- EN 300 220-2 : V3.1.1

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

BLOCK DIAGRAM

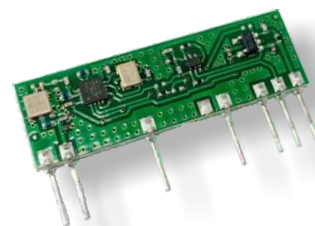


TECHNICAL SPECIFICATION

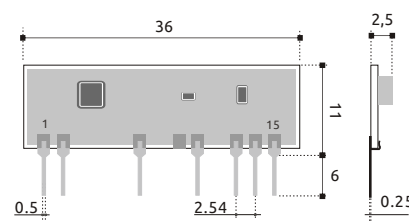
Ta = 25 °C

CHARACTERISTICS		MIN	TYP	MAX	UNIT
Supply Voltage	Alimentazione	3	5	5.4	Vdc
Supply Current	Corrente Assorbita	4.1	4.2	6.5	mA
Reception frequency	Frequenza di ricezione		433.92		MHz
RF sensitivity	Sensibilità RF	-109	-110	-112	dBm
IF Bandwidth - 3dB	Banda passante IF a - 3dB		150		KHz
RF power on 50 Ohm pin ant.	Potenza RF su 50 Ohm pin ant.			-60	dBm
Square wave output	Onda quadra in uscita		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 di accensione			Tbd	msec
Operating temperature range	Temperatura di lavoro	-20		+85	°C

COMPONENT SIDE



DIMENSIONS



PIN-OUT

- 2) Ground
- 3) Antenna
- 7) Ground
- 11) Ground
- 13) NC
- 14) Data-out
- 15) +5V

