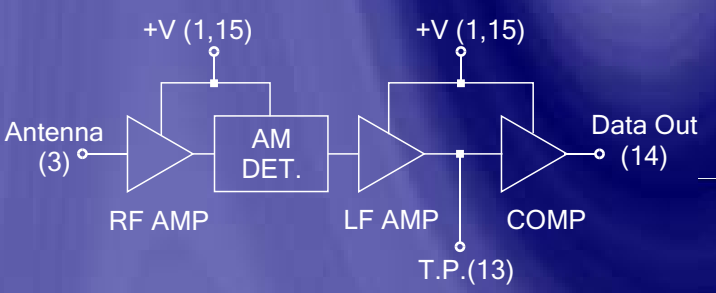
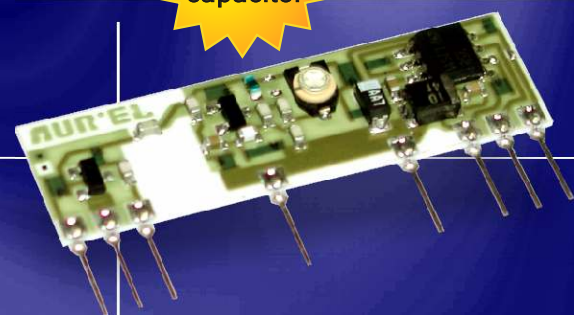


434 Mhz Standard (OOK) Receiver

AC-RX2

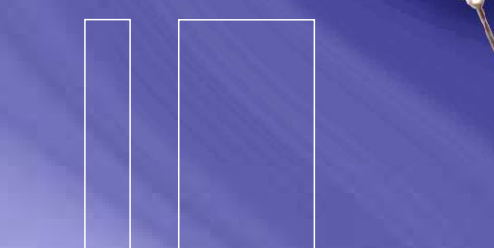




Pin-out

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

-106^{*}dBm



5v

Information subject to change without notice

Description

Trimmable capacitor, low current, low antenna radiation and high insensitivity to power switching noises. Optimized for HCSXXX Microchip family. In compliance with European Normative.

^(*) RF generator with 100% modulation

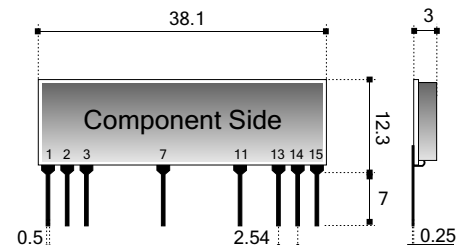
Descrizione

Ricevitore con condensatore variabile a basso assorbimento, alta immunità ai disturbi di alimentazione e bassa radiazione in antenna. Caratteristiche ottimali per la famiglia HCSXXX (Microchip).

In accordo con le Normative Europee.

^(*) Generatore RF con 100% di modulazione

Mechanical Dimensions



Technical Specification

Ta = 25 °C

CHARACTERISTICS		MIN	TYP	MAX	UNIT
V _s	Supply Voltage • Alimentazione	4.5	5	5.5	Vdc
I _s	Supply Current • Corrente Assorbita		2.5	3	mA
F _w	Reception frequency • Frequenza di ricezione		433.92		MHz
S _i	RF sensitivity • Sensibilità RF		-106 ^(*)		dBm
B _w	- 3dB RF Bandwidth • Banda passante RF a - 3dB		±2		MHz
S _o	Square wave output • Onda quadra in uscita			3	KHz
S _L	Spectrum emitted level • Radiazione in antenna		-65	-60	dBm
H _o	Output high voltage • Livello alto d'uscita	V _s - 1.2			V
L _o	Output low voltage • Livello basso d'uscita			GND + 0.4	V
T _{ON}	Switch-on time • Tempo di accensione			2	s
T _{OP}	Operating temperature range • Temperatura di lavoro	-20		+80	°C

Part number: 650200884

Date: 05/07/ 2005