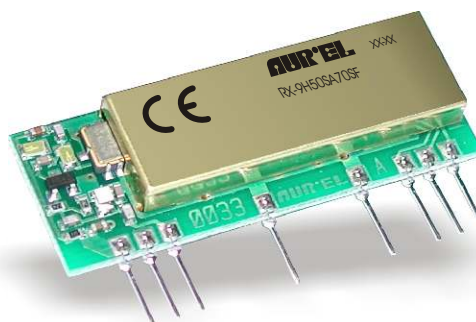


916.5 Mhz Super-Het OOK Receiver



Descrizione

Ricevitore supereterodina di dati digitali modulati in OOK operante alla frequenza di 916,5 MHz. Elevata selettività e sensibilità garantiscono ottime prestazioni di immunità ai disturbi. Da utilizzare in abbinamento al modulo trasmettitore AUREL mod. TX-9H50SA01

Non usabile negli Stati dell'Unione Europea

Description

Super-het RF receiver of OOK modulated digital data, working at 916.5 MHz frequency.

High selectivity and sensibility obtained by SAW filter.

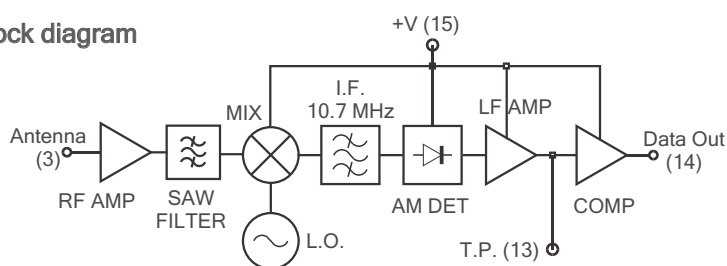
It is usable in conjunction with AUREL transmitter module mod. TX-9H50SA01

Not usable in U.E. Countries

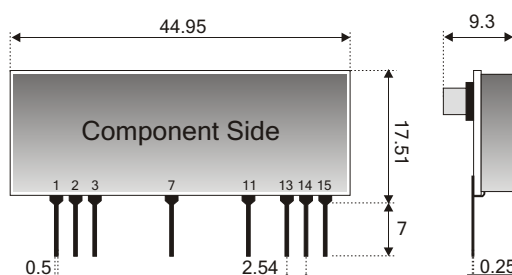
Applications

Gate door openers, Burglar alarms, Car alarms, Personal security, Home security, Remote controls.

Block diagram



Mechanical Dimensions



Pin-out

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

916.5 Mhz Super-Het OOK Receiver

Technical Specification

Ta = 25 °C

Characteristics	Min	Typ	Max	Unit
V _S Supply Voltage	4.75	5	5.25	Vdc
I _S Supply Current		7		mA
F _W Reception Frequency		916.5		MHz
S _I RF Sensitivity	-105	-107	-109	dBm
B _W RF Bandwidth -3dB		600		KHz
I _F IF Bandwidth - 3dB		300		KHz
S _O Square Wave Output			3	KHz
H _O Output High Voltage	V _S - 1			V
L _O Output Low Voltage			GND	V
E _A Antenna RF Emission			- 80	dBm
T _{ON} Switch-on Time			0.2	s
T _{OP} Operating Temperature Range	-20		+80	°C

Specifiche Tecniche

Ta = 25 °C

Characteristics	Min	Tip	Max	Unit
V _S Alimentazione	4.75	5	5.25	Vdc
I _S Corrente assorbita		7		mA
F _W Frequenza di ricezione		916.5		MHz
S _I Sensibilità RF	-105	-107	-109	dBm
B _W Banda passante RF a - 3dB		600		KHz
I _F Banda passante IF a - 3dB		300		KHz
S _O Onda quadra in uscita			3	KHz
H _O Livello alto d'uscita	V _S - 1			V
L _O Livello basso d'uscita			GND	V
E _A Emissioni RF spurie in antenna			- 80	dBm
T _{ON} Tempo di accensione			0.2	s
T _{OP} Temperatura di lavoro	-20		+80	°C

Part Number / Model

650200678
mod. RX-9H50SA70SF

* Not usable in U.E. Countries
* Non usabile negli Stati dell'Unione Europea