

Type: Super Heterodyne Receiver Module

Model: RCT01TRXB08-V2.0

Features:

- Compact hybrid modules
- Single conversion AM superhet
- 10.7 MHz high rejection IF filter
- Receiving rang up to 300 meters.
- CMOS/TTL compatible output.
- Single supply voltage 5V.
- Higher receiver sensitivity down to -114dBm.
- LO is determined by the SAW.
- Excellent ability of noise immunity against interfering source
- A high degree of suppress assemble or scatter radiation
- Can easy pass kinds of certification



Description:

RCT01TRXB08 is a high quality super-heterodyne receiver module with VHF/UHF. The module is based upon markets' feedback and a lot of customers' advice. It has shocked in the electronic products market. The module adopting LSI circuit with high frequency and low noise which is imported from famous company of Europe. It has strong anti- static protection, high reliability and competitive price. Its widely used in remote GDO(garage door opener), auto-gates as retract type, brakes, GSM/GPS system, factory automatic, communication and security system etc.

APPLICATION:

- Garage door and gate openers
- Remote controls
- Remote fan and light control
- Smart home system
- Alarm and security system

Absolute Maximum Rating:

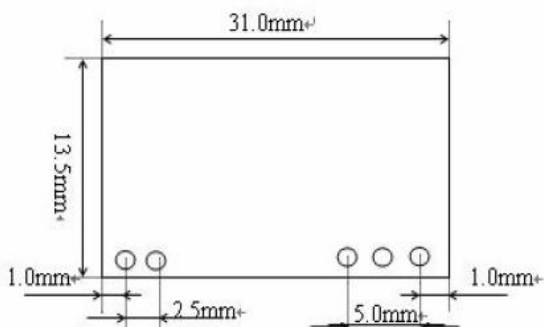
SYMBOL	PARAMETER	CONDITION	UNIT	RATING
vcc	Supply voltage		V	-0.3~6.5
Topr	Operating temperature		°C	-40~+85
Tstg	Storage temperature		°C	-60~+125

Electrical Parameters:

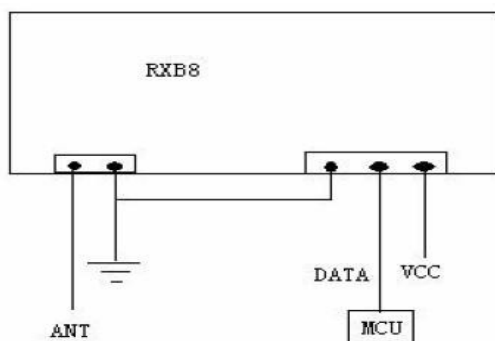
PARAMETERS	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
CARRIER FREQUENCY	Fc		250	315/433.92	450	MHz
MODULATION			ASK/OOK			
SENSITIVITY		50 ohm antenna 10 ⁻³ BER,1kbps		-114		dBm
MAX INPUT POWER		Input to ant. directly		-10	0	dBm
POWER CONSUMPTION		In Working Mode			11	mA
RECEIVE BANDWIDTH			+/-120	+/-180		kHz
START-UP TIME	Ton				10	ms
OUTPUT HIGH LEVEL			4.5			V
OUTPUT LOW LEVEL					0.5	V

Shape size:

Application circuit:



For more information and assistance, contacts us as follow:



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