

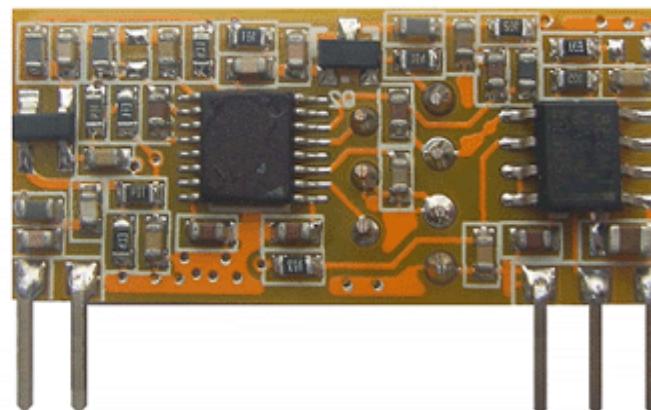
ASK Receiver Modules

RXB-8 is ASK Receiver Modules, the module adopting LSI circuit with high frequency and low noise which import from Europe. It has strong antistatic protection, high reliability and competitive price. Easy pass kinds of FCC or CE certification.

It has ability to restrain the radiation, can worked with several module (one transmitting module and several receiver modules) at the same time, and have no interference to each other, and don't influence the receiving distance.

Key Feature

- ◆ Operating Frequency : 315 / 433.92MHZ
- ◆ Modulation Mode : ASK
- ◆ Operating Voltage : 4.5 ~ 5.5V
- ◆ Operating Current : 9.6mA (5.0V)
- ◆ Data Rate : 2.4Kbps
- ◆ Sensitivity : -114dbm
- ◆ Operating Temperature : -30°C ~ +85°C
- ◆ Dimension : 31.5 * 12 * 5mm



Application

- ◆ Car security system
- ◆ Remote keyless entry
- ◆ Garage door controller
- ◆ Home security
- ◆ Wireless mouse
- ◆ Automation system

Electrical Characteristics

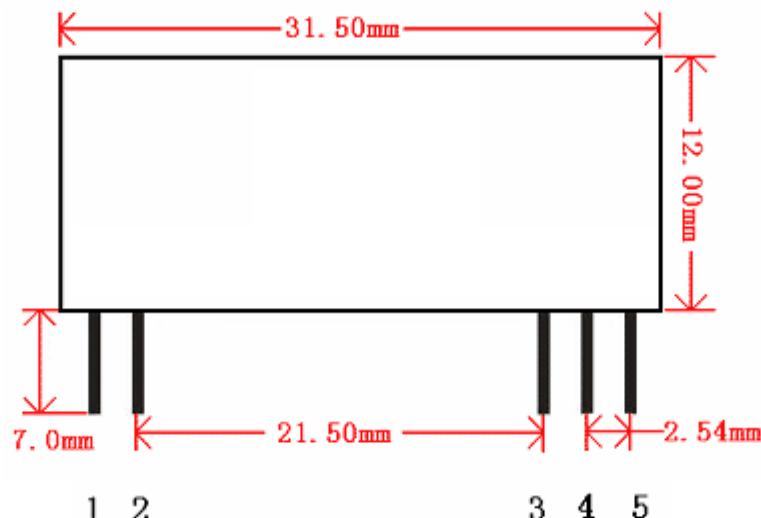
Frequency : 315MHz Test Voltage : 5V Test Temperature : 25°C

Parameter	Symbol	Condition	Specification			Unit
			Min	Typical	Max	
Operating frequency	F _c		314.9	315	315.1	MHz
Modulation mode			ASK			
Sensitivity		1 Kbps / 50Ω		-114		dBm
Bandwidth				200		KHz
Turn on time	T _{on}				9	ms
Operating voltage	V _{CC}		4.5	5	5.75	V
Operating current	I _{RC}				9.6	mA
Operating temperature			-30		85	°C

Frequency : 433.92MHz Test Voltage : 5V Test Temperature : 25°C

Parameter	Symbol	Condition	Specification			Unit
			Min	Typical	Max	
Operating frequency	F _c		433.82	433.92	434.02	MHz
Modulation mode			ASK			
Sensitivity		1 Kbps / 50Ω		-114		dBm
Bandwidth				200		KHz
Turn on time	T _{on}				9	ms
Operating voltage	V _{CC}		4.5	5	5.75	V
Operating current	I _{RC}				9.6	mA
Operating temperature			-30		85	°C

Pin Dimension



1. ANT 2. GND 3. GND 4. DATA 5. VCC