

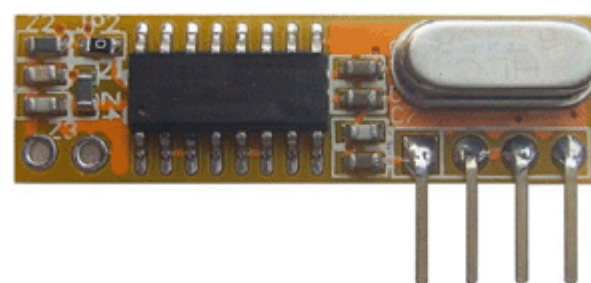
# ASK Receiver Modules

ET-RXB-12 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 : 3.3 ~ 5.5V
- ◆ Operating Current : 2.5 ~ 2.7mA ( 5.0V & 315MHZ );  
3.8 ~ 4.1mA ( 5.0V & 433.92MHZ )
- ◆ Data Rate : 2.4Kbps
- ◆ Sensitivity : -107dbm
- ◆ Operating Temperature : -30℃ ~ +85℃
- ◆ Dimension : 30 \* 8.5 \* 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	Fc		314.9	315	315.1	MHz
Modulation mode			ASK			
Sensitivity		1 Kbps / 50Ω		-107		dBm
Bandwidth				200		KHz
Turn on time	Ton				20	ms
Operating voltage	VCC		3.3	5	5.75	V
Operating current	IRC		2.5	2.5	2.7	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	Fc		433.82	433.92	434.02	MHz
Modulation mode			ASK			
Sensitivity		1 Kbps / 50Ω		-107		dBm
Bandwidth				200		KHz
Turn on time	Ton				9	ms
Operating voltage	VCC		3.3	5	5.75	V
Operating current	IRC		3.8	3.9	4.1	mA
Operating temperature			-30		85	°C

### Pin Dimension

