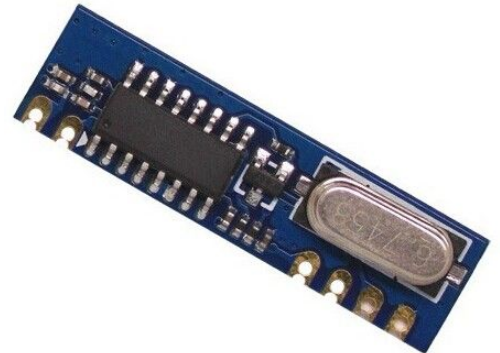


---

## SRX887 Super heterodyne Receiver

### 1. Description

SRX887 is a micro power strong driving force super Heterodyne receiver module. Has high stability, anti-interference and high cost-effective, but also has a powerful driving force, certified by ROHS, FCC, CE, The module can be connected to the microcontroller directly. So it is more convenient for user developing wireless products.



### 2. Features

- Frequency Range:433/315MHz
- ASK/OOK Modulation Mode
- Super anti-power interface
- Low-power sleep less than 1uA
- Low self radiation
- Small size
- Frequency stability and reliability
- Various international testing standards

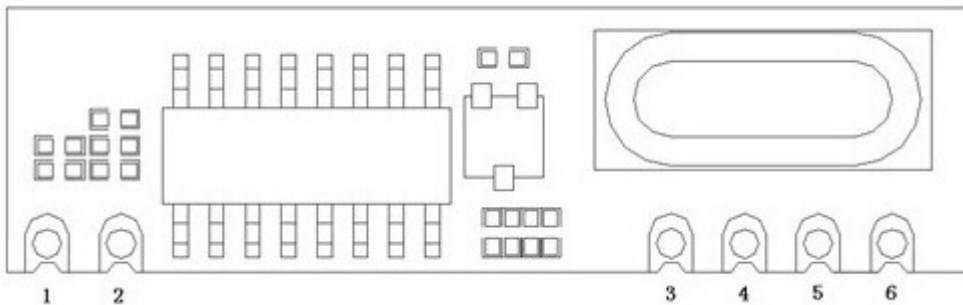
### 3. Application:

- Remote door
- Wireless security alarm
- Wireless industrial control
- Wireless data transmission

#### 4. Electronic Specification

Parameter	Min	TP	Max	Unit	Condition
Operation conditions					
Supply Voltage	3.3	5	5.5	V	
Operating Temperature Range	-30		85	°C	
Latency			20	ms	@315MHZ
			9	ms	@433@HZ
Current consumption					
Consuming current		2.9		mA	@315MHZ
		4.0		mA	@433MHZ
		<1		uA	@CS=1 Or vacant
RF parameters					
Frequency Range	433.82	433.92	434.02	MHZ	@433MHZ
	314.9	315	315.1	MHZ	@315MHZ
Sensitivity		-107		dBm	@1.2Kbps
Air rate	0.1		9.6	kbps	
Receiver bandwidth		200		KHz	

#### 5. Pin definition



Pin Number	Pin Definitions	Description
1	ANT	Connect with 50 ohm coaxial antenna
2	GND	Connected to power ground
3	VCC	Positive power supply
4	CS	Low level to enable the module, high level to enter sleep mode
5	DATA	Data output pin
6	GND	Connected to power ground

6. Mechanism Dimension

