
RFM210LH ASK/OOK Wireless Receiver Module

1. Brief introduction

RFM210LH is a ASK/OOK wireless data Receiver , ultra low power consumption, high sensitivity, long distance communication, cost-effective RF receiver module, suitable for ISM band wireless applications.

It has the characteristics of good anti-interference and high reliability, and it can not affect the working distance even in the situation of complex interference environment.

The Module is provided by frequency 315MHz and 433.92MHz, both support 1~5kbps data rate.



RFM210LH

2. Features

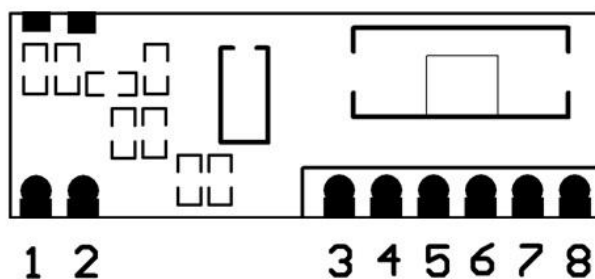
- Comply with FCC and ETSI
- Strong anti-interference ability, suitable for complex interference environment
- Receiving Sensitivity: -109dBm
- Working Frequency: 315MHz, 433.92MHz
- Supply Voltage Range: 3.0V-5.5V
- Working Current: 4.5mA
- Sleeping Current: ≤1uA
- Data Rate: 1-5 kbps
- Receiver bandwidth: 330kHz

3. Application

- Remote Entrance Guard
- Battery Car Security System
- Remote Socket
- Remote Doorbell
- Wireless Data Transmission
- Wireless Lighting Control
- Remote Control Toys
- Remote Control Home Appliances
- Wireless Alarm & Security System

4.Pins out

RFM210LH



Pin	Name	Function
1	ANT	Antenna Input
2	GND	Ground
3	NC	NC
4	NC	NC
5	NC	NC
6	VCC	Positive power
7	DATA	Data Output
8	GND	Ground

Testing Conditions: DC 5V / 25°C

6. Dimensions Diagram

Unit: mm

7. Order infomation

Module	Frequency	Voltage
RFM210LH-315S1	315MHz	3.0-5.5V
RFM210LH-433S1	433.92MHz	3.0-5.5V

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