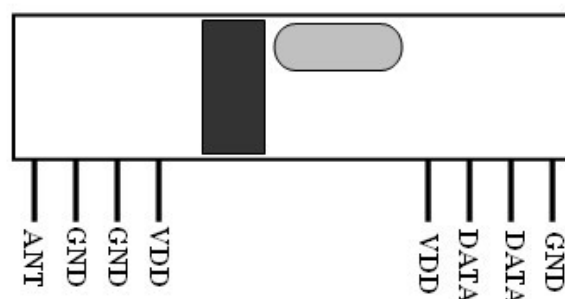
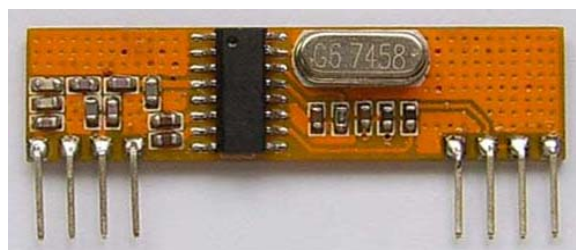


Type: Super-Heterodyne Receiver Module
Model: RXB11

DESCRIPTION:

RXB11 is an ASK/OOK receiver super-heterodyne module adopted SYNOXO RF IC chips, which is designed specifically for unlicensed remote-control and wireless security receiver operating at 315/433.92Mhz in USA under FCC Part 15 regulation. The RXB11 is base on a single-conversion, super-heterodyne receiver architecture and incorporates an entire Phase-Locked Loop (PLL) for precise local oscillator generation. It can be used in OOK/ HCS/ PWM modulation signal and demodulate to digital signal. RXB11 have a high performance at a competitive cost and easily to design your product.



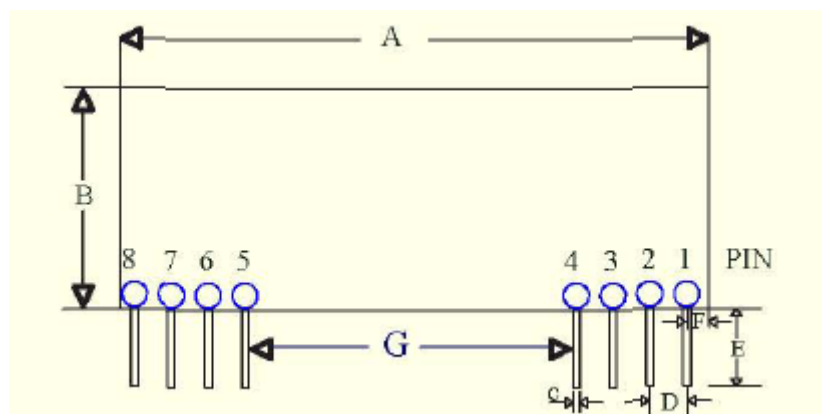
Features:

- Low power consumption and low cost;
- High frequency stability (no adjust components) & coherence;
- Very low RF re-radiation at the antenna;
- Higher sensitivity: -108dBm;
- Operation temperature -30°C ~85°C
- Supply voltage: 3.0 ~ 5.5v
- Low current: 2.8mA(5V);
- Compatble with most AM (ASK/OOK) transmitters;

APPLICATION:

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

RXB11-315M Parameters:



Model	RXB11-315M Hz
Receiver Sensitivity:	$\leq -108\text{dBm}$ (@BER 10^{-2} , 5V 1kbps)
Supply Voltage:	3.0-5.5V
Current: (Max):	2.8mA
Data rate(bps):	$\leq 2.4\text{k}$
RF Frequency(Hz):	315M
Size(mm*mm):	42.85*11.5
Peripheral Components	R: C:Bead Crystal: Total:

SYMBOL	Distance: mm
A	42.85
B	11.50
C	0.65
D	2.54
E	7.96
F	1.45
G	25.40

PIN	NAME
1	GND
2	DATA
3	DATA
4	VDD
5	VDD
6	GND
7	GND
8	ANT

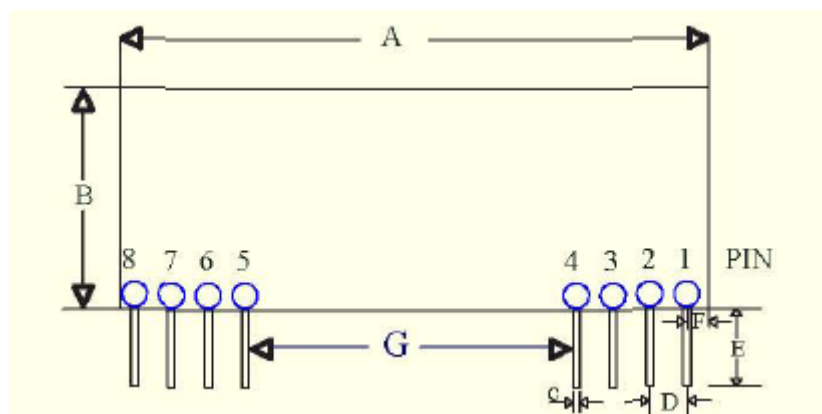
For more information and assistance, contact us as follows:

WEB: <http://www.jmrth.com>

TEL: 86 755-8980 8996

FAX: 86 755-88351759

RXB11-433.92M Parameters:



Model	RXB11-433.92M Hz
Receiver Sensitivity:	≤-108dBm (@BER10 ⁻² , 5V 1kbps)
Supply Voltage:	3.0-5.5V
Current: (Max):	4.0mA
Data rate(bps):	≤2.4k
RF Frequency(Hz):	433.92M
Size(mm*mm):	42.85*11.5
Peripheral Components	R: C:Bead Crystal: Total:

SYMBOL	Distance: mm
A	42.85
B	11.50
C	0.65
D	2.54
E	7.96
F	1.45
G	25.40

PIN	NAME
1	GND
2	DATA
3	DATA
4	VDD
5	VDD
6	GND
7	GND
8	ANT

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