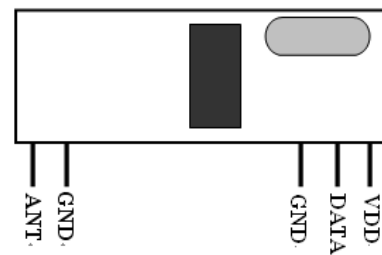


Type: Super-Heterodyne Receiver Module
Model: RXB5

DESCRIPTION:

RXB5 is an ASK/OOK receiver super-heterodyne module adopted SYN400R chips, which is designed specifically for unlicensed remote-control and wireless security receiver operating at 315/433.92Mhz under FCC Part 15 regulation. The RXB5 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 it to digital signal. RXB5 have a high performance at a competitive cost and easily to design your product. RXB5 module has a better distance than RXB3.



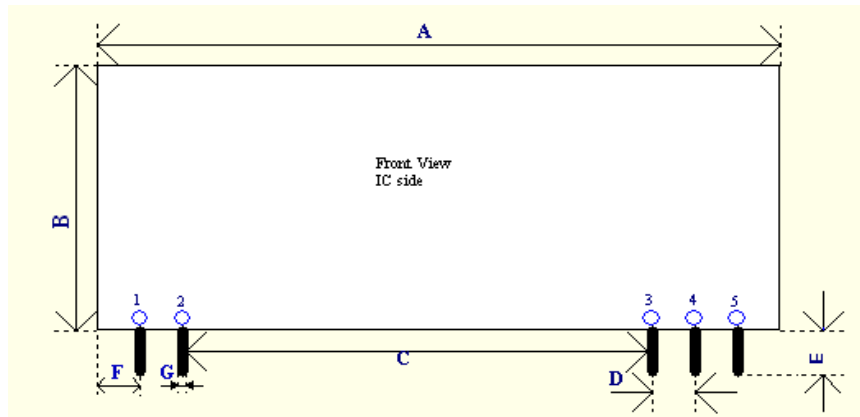
Features:

- Low power consumption and low cost
- High frequency stability (no adjust components) & coherence
- Very low RF re-radiation at the antenna
- Operation temperature; -20°C ~70°C
- Supply voltage: 2.8~5.5v
- Available frequency: 315/433.92MHz (other frequency between 300MHz and 440MHz is selectable)
- 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

RXB5-315M Parameters:



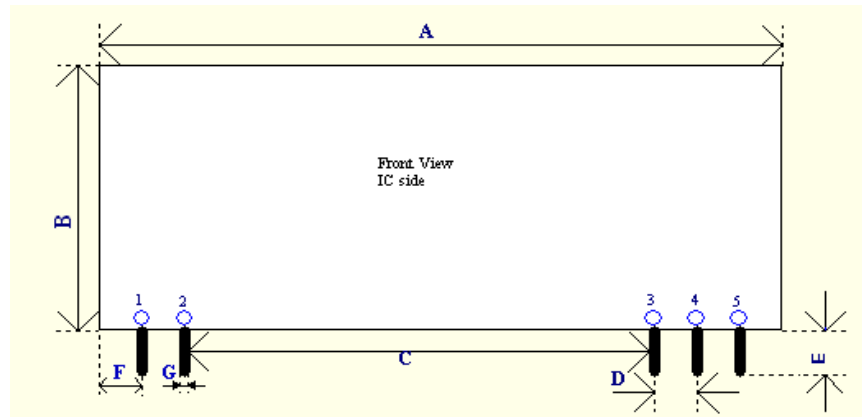
Module No.	RXB5-315M Hz
Receiver Sensitivity	$\leq -105\text{dBm}$ (@BER 10^{-2} 5V 1kbps)
Supply Voltage	2.8-5.5V
Current: Max	4mA
Data rate:	$\leq 2.4\text{kbps}$
RF Frequency	315M Hz
Size(mm)	33.05*11.00
Peripheral Compentents	R: C:Bead Crystal: Total:

SYMBOL	Distance:mm
A	33.05
B	11.00
C	23.07
D	2.54
E	7.96
F	1.29
G	0.65

PIN	NAME
1	ANT
2	GND
3	GND
4	DATA
5	5V

For more information and assistance, contact us as follows:

RXB5-433.92M Parameters:



Module No.	RXB5-433.92M Hz
Receiver Sensitivity	$\leq -105\text{dBm}$ (@BER 10^{-2} 5V 1kbps)
Supply Voltage	2.8-5V
Current: Max	5.3mA
Data rate: Max	2.4kbps
RF Frequency	433.92M Hz
Size	33.05*11.00
Peripheral Components	R: C: Bead Crystal: Total:

SYMBOL	Distance:(mm)
A	33.05
B	11.00
C	23.07
D	2.54
E	7.96
F	1.29
G	0.65

PIN No.	NAME
1	ANT
2	GND
3	GND
4	DATA
5	5V

For more information and assistance, contact with us as follows: