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RX MODULE

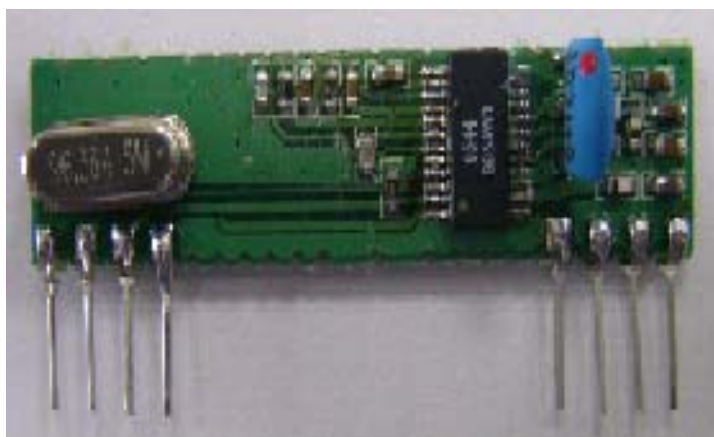
MODELNO:RXA18-XXX MHz

REV.NO.:1

Ideal for 315/434MHz Remote Keyless-Entry Receives.

Phase-Locked loop Feature

Power Down Capability



General description

The RXA18 is a miniature receiver module that receives On-off keyed (OOK) modulation signal and demodulated to digital signal for the next decoder stage. Local Oscillator is made of PLL structure ..The result is excellent performance in a simple-to-use. The RXA18 is designed specifically for unlicensed remote-control and wireless security receiver operating at 315/434MHz in the USA under FCC Part 15 regulation

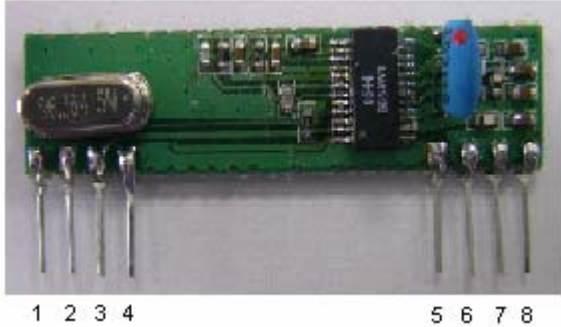
Application

- Home security systems
- Car Alarm systems
- Remote gate controls
- Sensor reporting

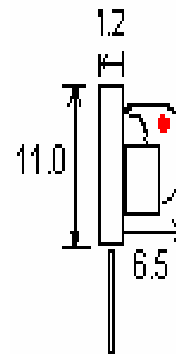
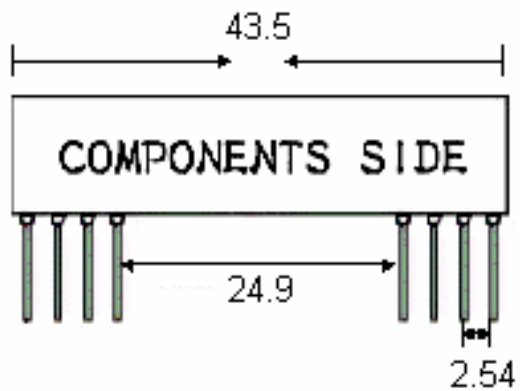
A. SPECIFICATION

ITEM NO	PARAMETER	DESCRIPTION		VALUE		
				MIN	TYP	MAX
1.	SENSITIVITY	Vcc=5.0V,TA-27	315MHz		-105dB	
		BER=3/100,1Kbps	434MHz		-105dB	
2.	MODULATION				ASK	
3.	POWER SUPPLY			3.6V	5V	5.5V
4.	SUPPLY CURRENT				15mA	18mA
5.	IF FREQUENCY				10.7MHz	
6.	DATA RATE				1Kbps	9.6Kbps
7.	OPERATING TEMPERATURE			-20°C		+60°C

B.DIMENSION

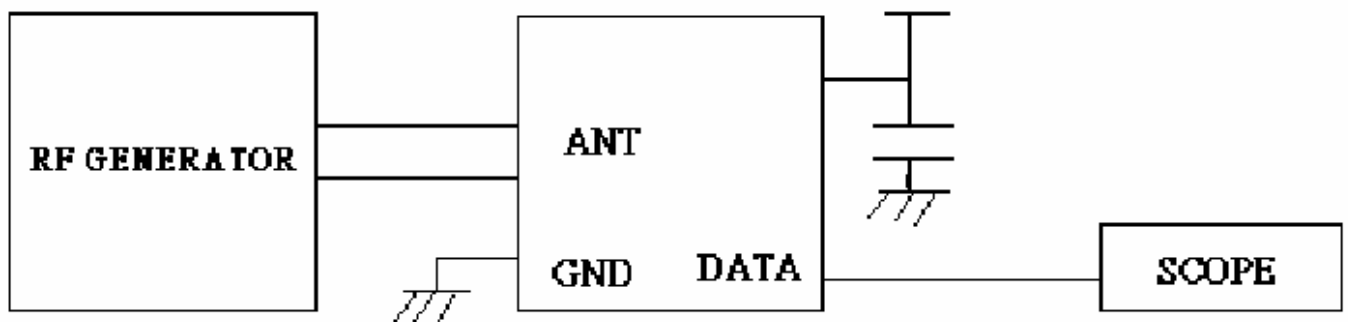
PIN	Connections	TOP VIEW 
1	GND	
2	OUT	
3	PD/EMPTY	
4	VDD	
5	VDD	
6	GND	
7	GND	
8	ANT	

**Notes: Pin 3 power down control pin , Low for nominal operating.
Usually connect to Low**

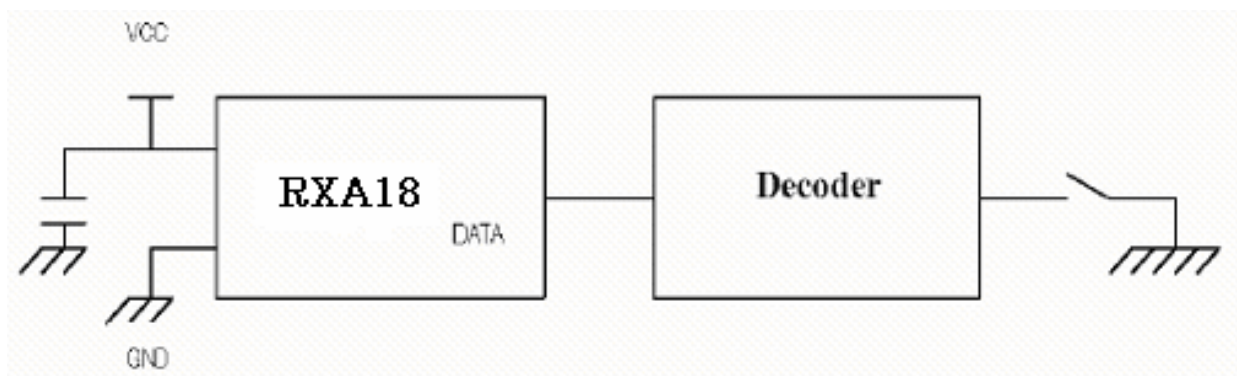


unit:mm

C.TYPING TEST CIRCUIT



D.TYPICAL RECEIVER APPLICATION



Notes:

1. Encoder : HT12D/F , PTC (2262)
2. Antenna : Length = 22.6cm for 315MHz ; Length = 17.2cm for 434MHz