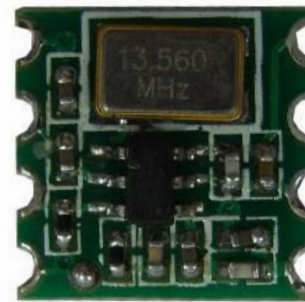


Type: ASK Transmitter Module
Model: CYT60

1. DESCRIPTION:

CYT60 is an ASK ISM frequency bank wireless transmitting module with superior performance. This module adapts European brand industrial-grade RF wireless data transmission receiving chip with strong transmitting power and low voltage power supply. CYT60 has all the characteristics for FCC/CE certification. CYT60 can achieve wireless data signal input to wireless signal output. Users can easily achieve the development of wireless products by adding a simple data decoding circuit



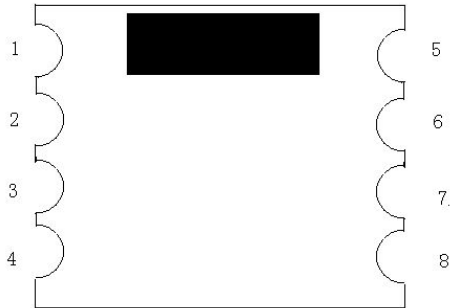
2. FEATURES:

- High transmitting power >10mW
- Wide working voltage: 1.8 V-3.6V
- Working Frequency: 315Mhz/433.92Mhz (custom frequency available)
- Using PLL frequency stabilization (+-50 KHZ), to enhance the stability of the working frequency.
- When work with receiving module CY11, it can reach 300 meters in open space.
- Low power consumption, static emission current consumption: 10mA. Basically, there is no power consumption when there is no data transmission.
- Working Temperature: -20°C ~+70°C
- Dimension: 10x10x2.5MM
- Frequency stability: ± 50 KHZ
- Modulation Rate: 3kb/s
- Input Signal: TTL level

3. APPLICATION:

- Remote Keyless Entry (RKE)
- Gate/Access Control
- Wireless Security Alarm
- Smart home - auto curtain
- Wireless Industrial control
- Wireless Data Transmission

4. PIN DEFINITION:



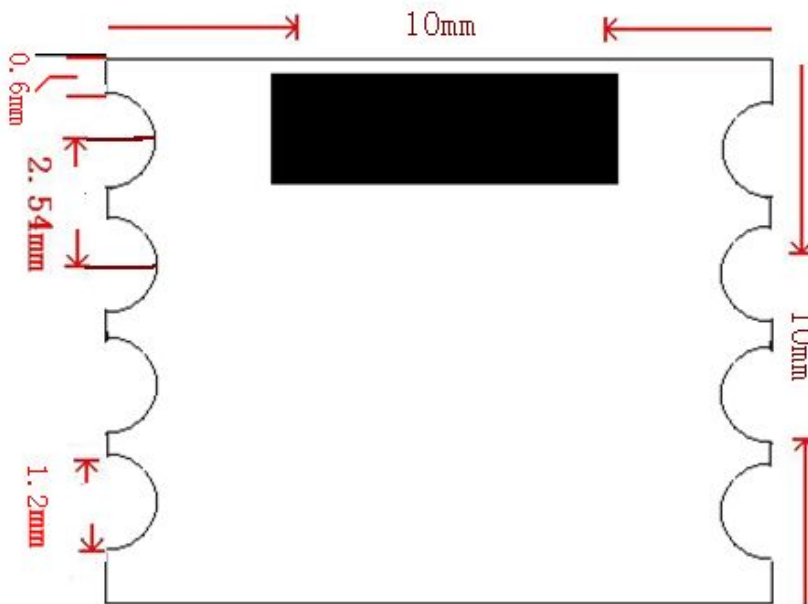
Pin-out as showed in figure1 above.

Pin	Name	Function
1.2.4.6.7	GND	Ground
3	DATA	Data connected to MCU
5	VDD	Positive Supply Power
8	ANT	Antena Out

5. ELECTRICAL CHARACTERISTICS:

Condition: Working Voltage: 3.3 V, temperature at 25°C

Characteristics	Symbol	Condition	Value			Unit
			Min	Typ	Max	
Frequency	Fc		315		433.92	MHz
Modulation Mode			ASK			
Output power		3V/50Ω		10		dBm
Data-rate			0.8K		10K	Hz
Frequency Tolerate	Fc			±50K		Hz
Current	IRC				10	mA
Working Voltage	VCC		1.8		3.6	V
Working Temperature	TC		-20		+70	°C

6. MECHANICAL SIZE: (unit: mm)**Figure1 CYT60 Dimension**

For more information and assistance, please kindly contact us as follows:

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