

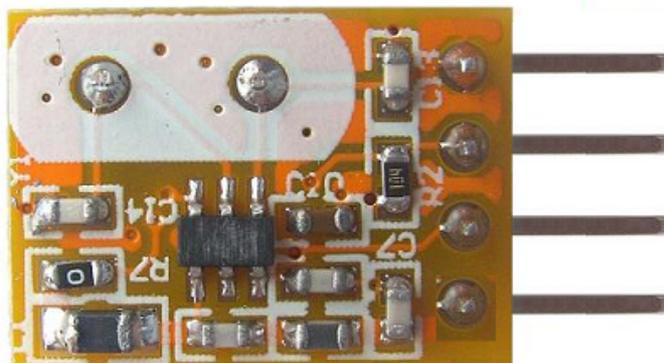


## ASK Transmitter Module

### General Description:

The TX5 is an ASK Hybrid transmitter module.

The TX5 is an ASK transmitter module .The result is excellent performance in a simple-to-use .The TX5 is designed specifically for remote-control , wireless mouse and car alarm system operating at 315MHZ.



### Product Key Features:

- § High output power: +10dBm;
- § Low operation voltage: VCC= 1.8 to 3.6 V;
- § Frequency: 315MHz/433.92MHz(others are available);
- § Frequency tolerance:  $\pm 50$  KHz;
- § the rang can be upto 300–500m matching with RXB8.



§Operating temperature:  $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$

§Small Size with Size of PCB: 11x16x5.5MM;

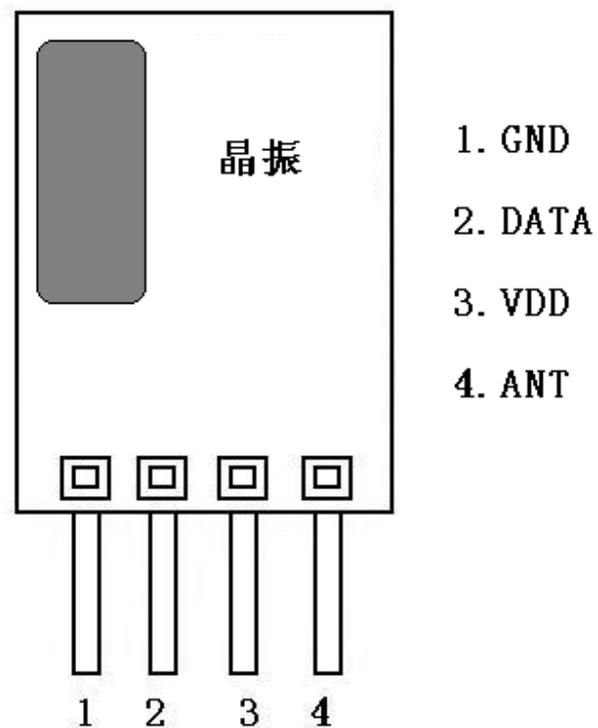
§Frequency tolerance:  $\pm 50$  KHz

§Bit rate: <3kbps;

§Circuit Shape: PLL;

#### Product Application:

- \* Remote gate controls
- \* Remote keyless entry
- \* Car alarm systems
- \* wireless security systems
- \* Automation systems
- \* Remote control systems





Pin Assignment :

Pin	Name	Function
1	GND	Ground
2	DATA	Data connected to MCU
3	VDD	Positive Supply Power
4	ANT	Antena In

Electrical Characteristics :

VDD-GDN 1.8V-3.6V TA-25°C

Characteristics	Symbol	Condition	Value			Unit
			Min	Typ	Max	
Frequency	Fc		315		433.92	MHz
Modulation Mode			ASK			
Output power		3V/50Ω		10dBm		dBm
Data-rate				2.4K		Hz
Frequency Tolerate	Fc			±50K		Hz
Current	IRC				10	mA
Working Voltage	VCC		1.8		3.6	V
Working Temperature	TC		-40		+85	°C



Mechanical Dimension:

