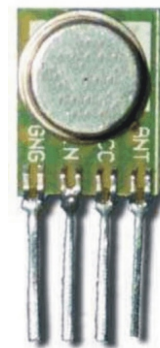


Transmitter Module : TWS-BS3 (433.92 MHz)

- *Frequency Range: 433.92 MHz
- *Modulate Mode: ASK
- *Circuit Shape: SAW
- *Data Rate: 8kbps
- *Supply Voltage: 3~ 12 V
- *Power Supply and All Input / Output Pins: -0.3 to +12.0 V
- *Non-Operating Case Temperature: -20 to +85 ℃
- *Soldering Temperature (10 Seconds) : 230 ℃ (10 Seconds)



Absolute Maximum Ratings

Rating	Value	Unit
Power Supply and All Input/Output Pins	-0.3 to +12.0	V
Non-Operating Case Temperature	-20 to +85	℃
Soldering Temperature(10 seconds)	230	℃

Electrical Characteristics, T=25℃ , Vcc=3.6v, Freq=433.92MHz

Characteristic	Sym	Min.	Typ.	Max.	Unit
Operating Frequency (200KHz)	Vcc		433.92		MHz
Data Rate	ASK			8K	Kbps
Transmitter Performance(OOK@2.4kbps)					
Peak Input Current,12 Vdc Supply	ITP			45	mA
Peak Output Power	PO		10		mW
Tum On/ Tum Off Time	T ON/T OFF			1	US
Power Supply Voltage Range	Vcc	3		12	VDC
Operating Ambient Temperature	TA	-20		+85	℃
Tx Antenna Out (3V) +2.4dB	Vcc				mA

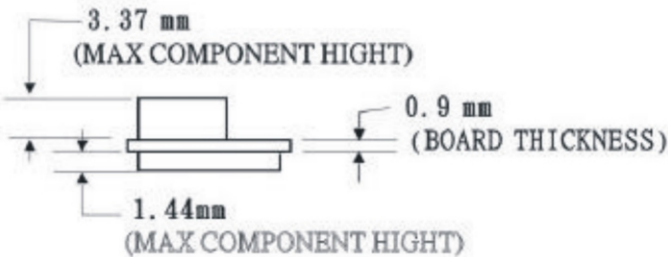
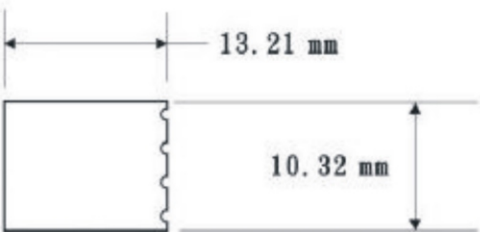
Application Note:

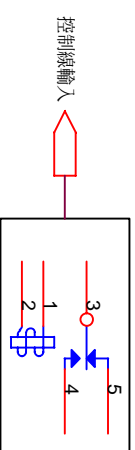
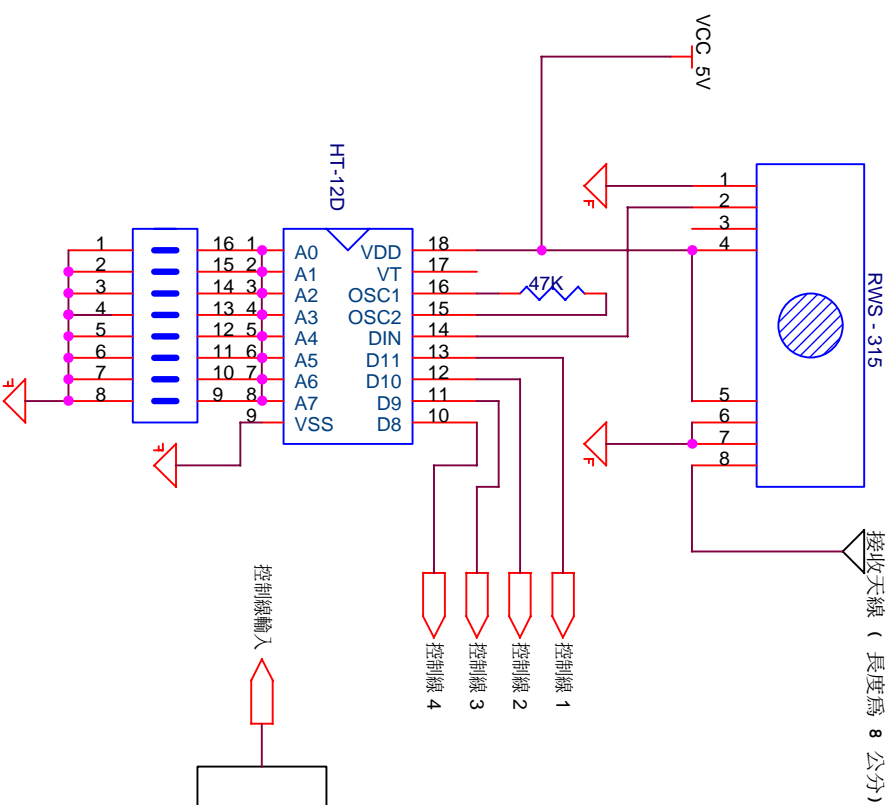
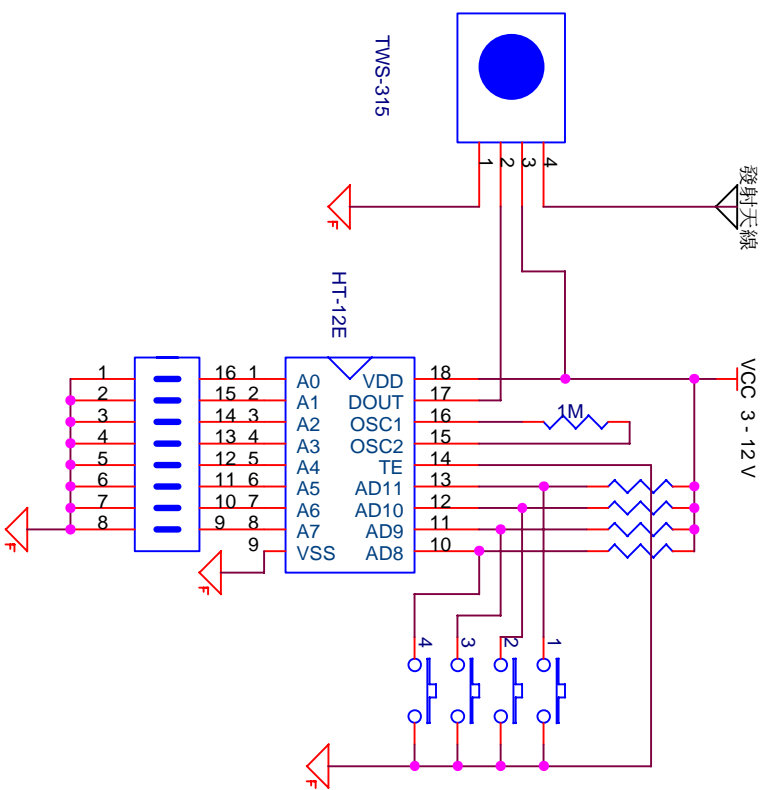


pin 1 : GND
pin 2 : Data in
pin 3 : VCC
pin 4 : ANT

Application Note:

TWS-BS UNIT:mm





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