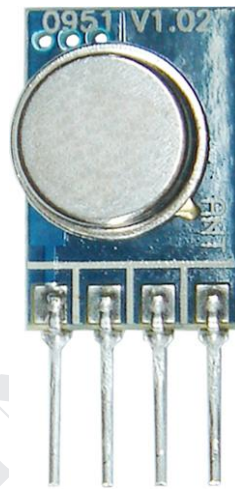

Wireless Hi Power Transmitter Module (RF ASK)

**Version History**

Version	Date	Changes
V1.01	Mar.01, 2002	1 st . Edition
V1.02	Jul.05,2008	2 nd . Edition

Model : TWS-BS-4

- Frequency Range: 418MHz
- Modulate Mode: ASK
- Circuit Shape: SAW
- Data Rate: 8Kbps
- Supply Voltage: 3~12V

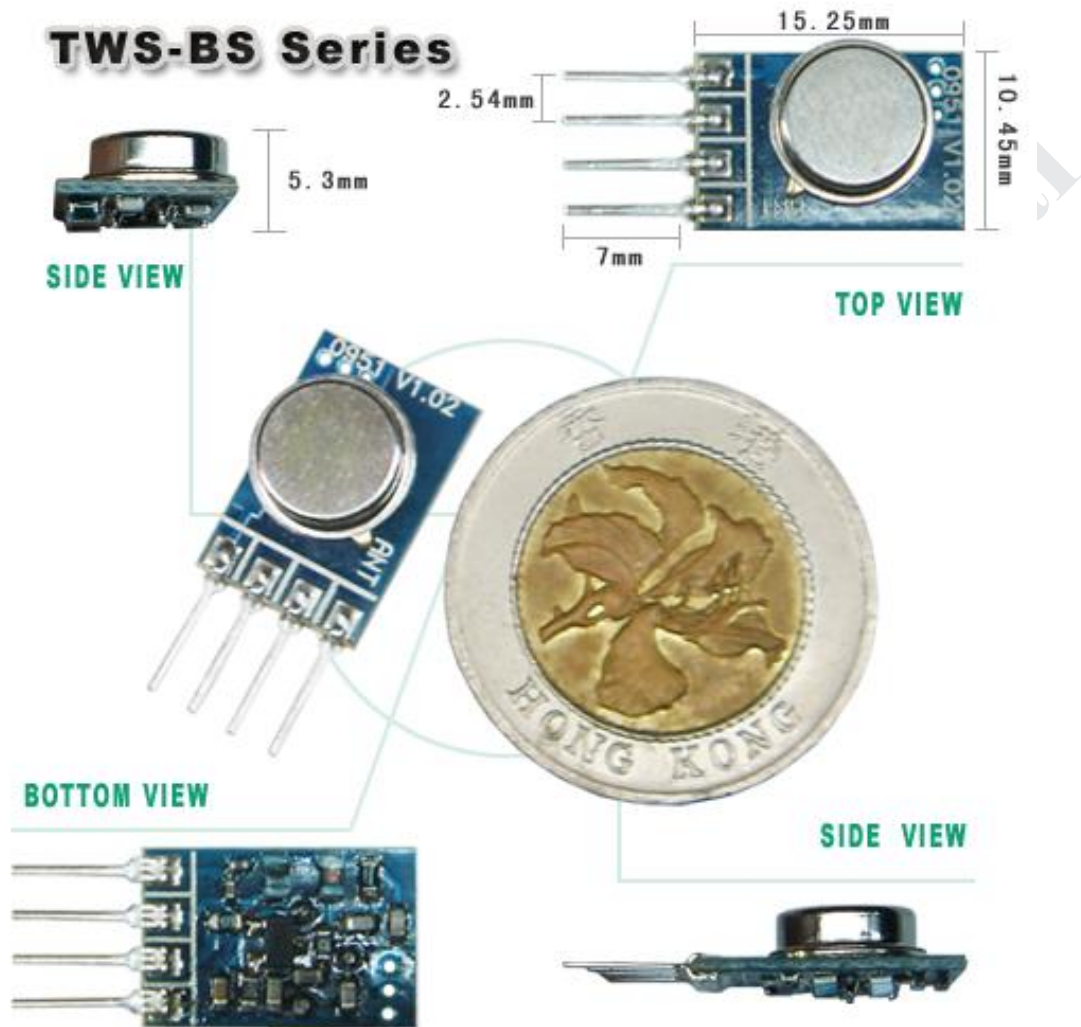
Absolute Maximum Rating

Rating	Value	Unit
Power Supply and All Input/Output Pins	-0.3 to +12.0	V
Non-Operating Case Temperature	-40 to +75	°C
Soldering Temperature(10 seconds)	230	°C

Electrical Characteristic

Characteristic	Sym	Min	Type	Max	Unit
Operating Frequency (±300KHz)	VCC	417.7	418	418.3	MHz
Data Rate	ASK			8	Kbps
Transmitter Performance(OOK@2.4Kbps)					
Peak Input Current,12 Vdc Supply	ITP			45	mA
Peak Output Power	PO		10		mW
Turn On/ Turn Off Time	T ON/ T OFF			1	US
Power Supply Voltage Range	VCC	3		12	VDC
Operating Ambient Temperature	TA	-40		+75	°C
Tx Antenna Out (3V) +2.4dBm	VCC				mA

Size



Pin Assignment

Pin	Function
1	GND
2	Data In
3	VCC
4	ANT



Demo Circuit

