



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

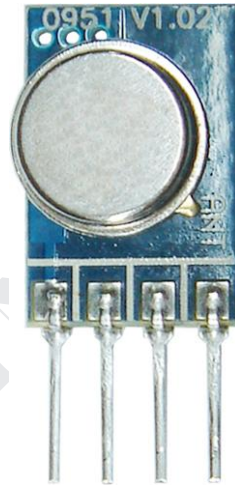
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Wireless Hi Power Transmitter Module (RF ASK)

**Version History**

Version	Date	Changes
V1.01	Mar. 01, 2002	1 st . Edition
V1.02	Jul. 05, 2008	2 nd . Edition
V1.03	Oct. 20, 2010	3 nd . Edition

Model : TWS-BS-3

- Frequency Range: 433.92MHz
- Modulate Mode: ASK
- Circuit Shape: SAW
- Data Rate: 8Kbps
- Supply Voltage: 1.5~12V
- Output Power : 14dBm
- Working temperature: -20~+85°C
- Solder temperature: 230°C(10 seconds).
- High sensitivity is designed.

Application

● Wireless Data Transmission	● Wireless Game Pad
● Remote Control	● Wireless Toys
● Car Key	● Home Automation
● AMR- Automatic Meter Reading	● Remote Keyless Entry

Absolute Maximum Rating

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

Electrical Characteristic

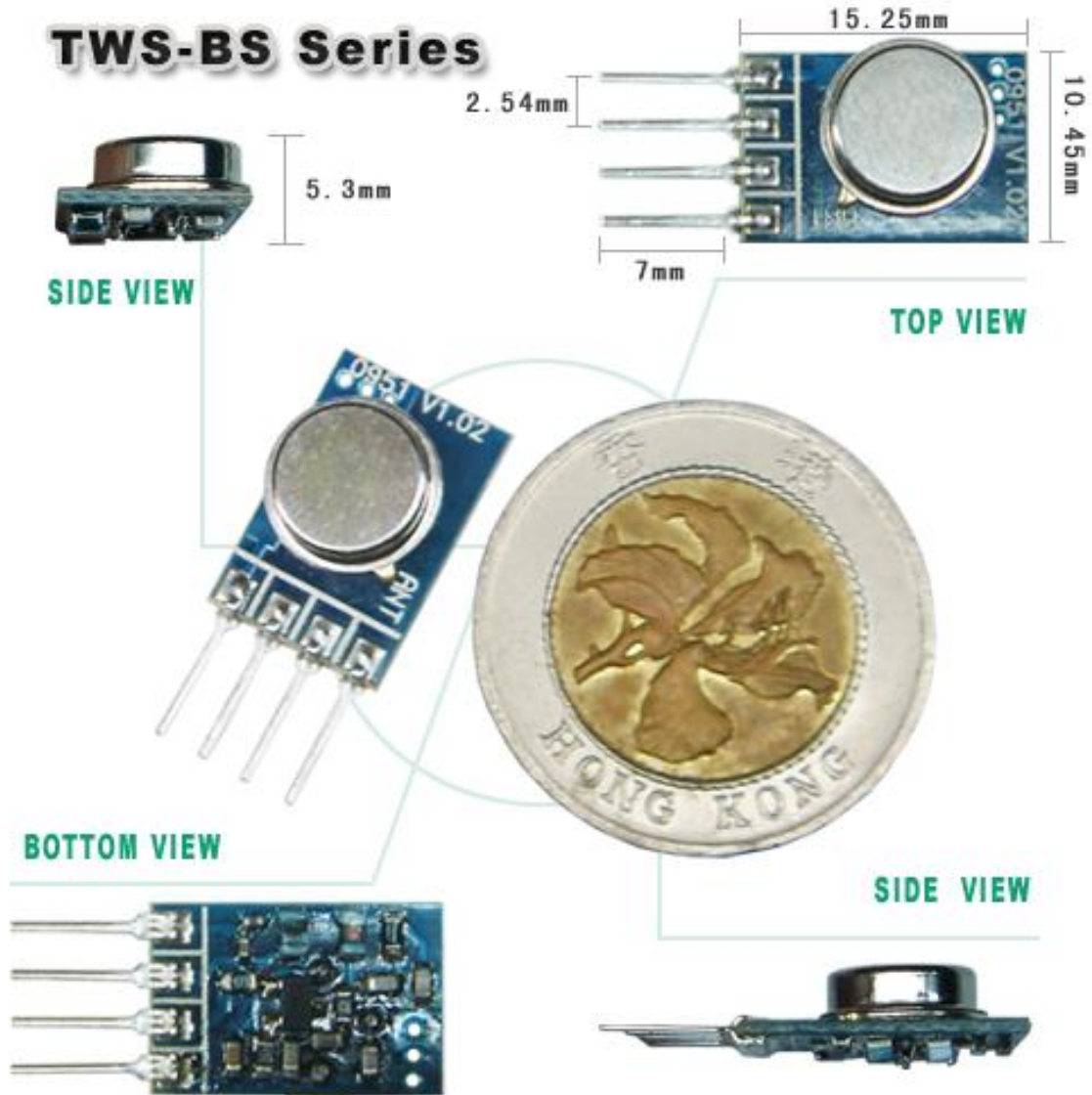
Characteristic	Min	Type	Max	Unit
Operating Frequency ($\pm 250\text{KHz}$)	433.67	433.92	434.17	MHz
Data Rate			8	Kbps
Current Consumption			8	mA
Output Power			32	mW
Operating Voltage	3		12	Vdc
Operating Ambient Temperature	-20		+85	$^{\circ}\text{C}$

Pin Assignment

Pin	Function
1	GND
2	Data in
3	Vcc
4	ANT



Size



Demo Circuit

