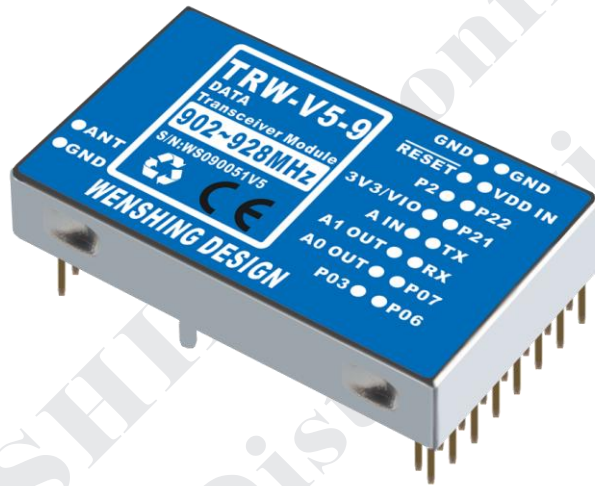

50mW Wireless Two-way Voice/Data Transceiver Module



Version History

Version	Date	Changes
V1.01	Dec 21, 2009	1 st . Edition

TRW-V5-9 Wireless Two-way Voice/Data Transceiver Module includes triaxial, G-sensor, acceleration sensor and pressure sensor and etc. We welcome customized different functions as ODM projects. Frequency: 902~928MHz; Power: 50mW; Wide working voltage: can be used from 2V to 6V. For voice application, it can be as doorbell or wireless phones; for auto-remote controller application, you can decide I/O working voltage from external voltage. Wide applications, it suits for wireless phone, wireless doorbell, wireless microphone, two-way voice transmission device, earthquake sensor, data transmitted and etc.

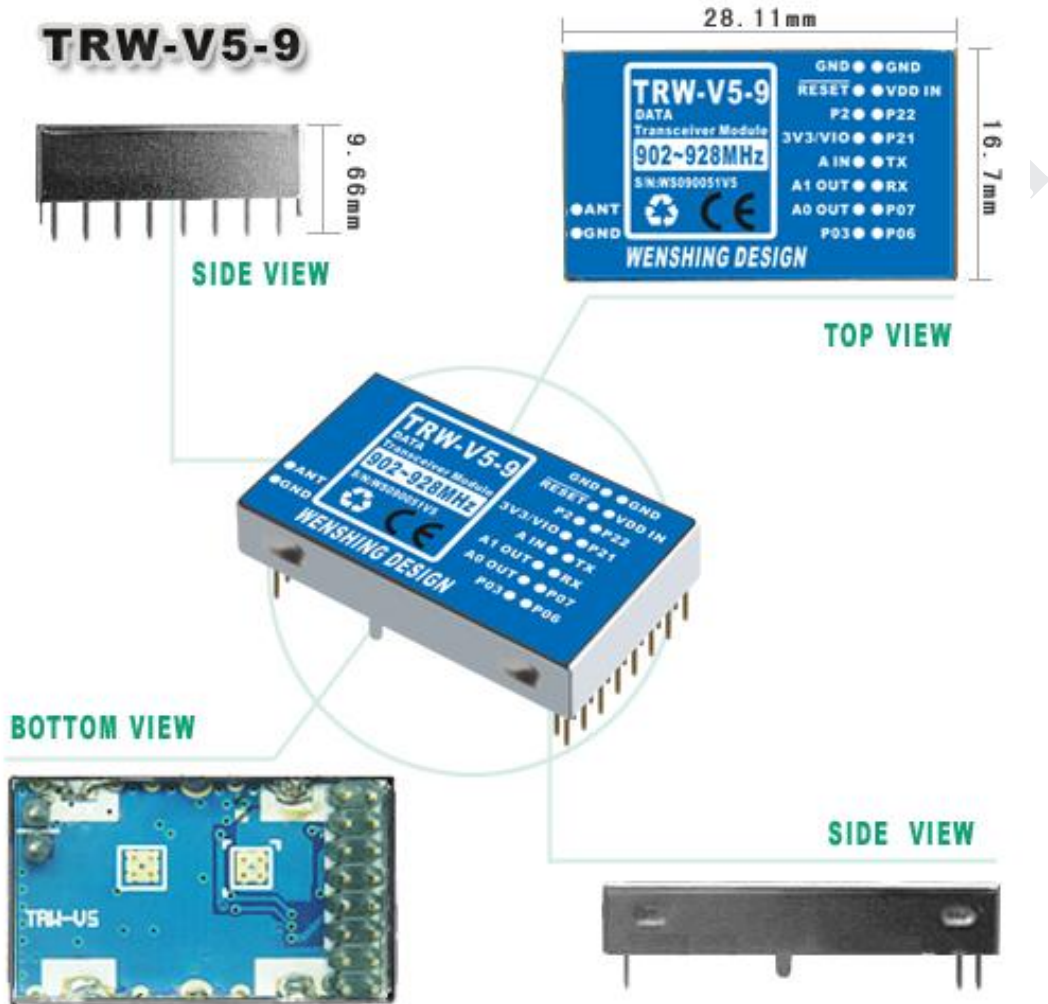
SPEC

- Frequency Range: 902~928MHz
- Working Voltage: 2V~6V
- Power: 50mW
- Modulation: GFSK, MAK
- Sensitivity: -122dBm
- Data Rate: 1.2k~250kbps
- Includes triaxial, G-sensor, acceleration sensor , pressure sensor, A/DC, D/AC, PWM,TEMP Temperature sensor and etc.
- It can suits for wireless phone, wireless doorbell, wireless microphone, two-way voice transmission device, earthquake sensor, data transmitted and etc.

Characteristic

Parameter	Min	Type	Max	Unit	Condition
Operating Condition					
Operating Temperature Range	-10		+70	°C	
Operating Supply Voltage	2		6	V	
Current Consumption					
Rx Mode			21	mA	
Tx Mode			107	mA	(50mW)
Sleep Mode			2		Vcc 5V
RF Characteristic					
Frequency Range	902		928	MHz	
Data Rate	1.2		250	Kbps	FSK
Tx Output Power	0		27	dBm	
Rx Sensitivity			-122	dBm	
Modulation	GFSK		MSK		
Other					
FIFO			64	byte	
ESD			500	V	

View



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