

DESCRIPTION: Ultrasonic Sensor Module
MODEL: JSN-SR04T-3.0

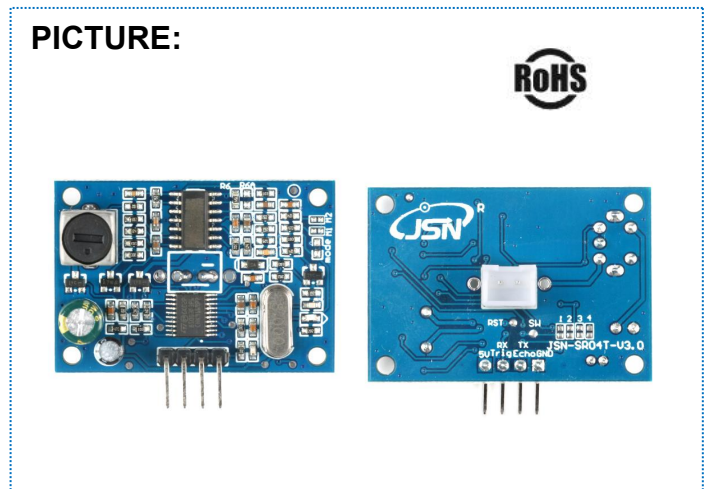
CHARACTERISTIC

The JSN-SR04T-3.0 ultrasonic ranging module could provide a non-contact distance sensing function of 21cm-600cm, and the ranging accuracy can reach as high as 3mm; the module includes an ultrasonic sensor and a control circuit that integrates transceivers. The usage of mode 0 is similar to our HC-SR04 module. This version solves the problem of data jumping in the blind area and improves the stability of the product.

This product adopts industrial-grade integrated ultrasonic probe design, waterproof, stable performance, and could work with all MCUs on the market.

1. Small size, easy to use
2. Wide power supply range, low power consumption
3. High measurement accuracy and high resolution
4. Small detection blind area and longer distance
5. Diversified output methods, pulse width output, serial output, switch output.

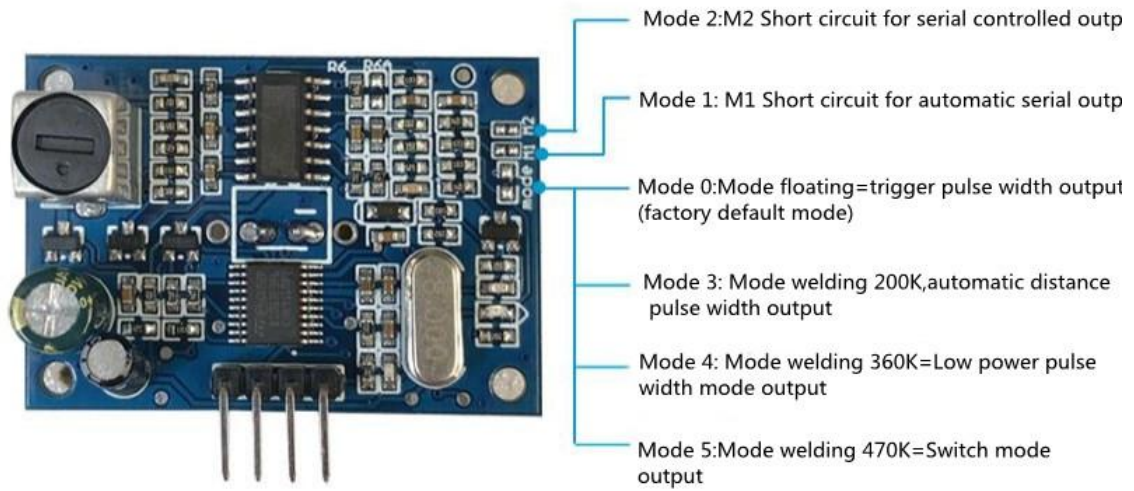
PICTURE:



Item	Value	
	Pulse width output	Serial output
Operating voltage	DC 3.0-5.5V	
Working current	Max 8mA	
Working frequency	40kHz	
The longest range	600cm	
Recent range	21cm	
Long range accuracy	±1cm	
Measuring angle	75 degrees	
Input the trigger signal	1.10uS TTL pulse	
Output reverberation signal	2.Serial port send command 0X55	
	Output pulse width level signal, or TTL	
	3-5.5V (power positive)	
	Wiring mode Trig (control end) RX	
	Echo (output terminal) TX	
Connect	GND (power negative)	
Size	41*29*12mm	
Operating temperature	-20°C—+70°C	
Color	Blue PCB board	

FUNCTION DESCRIPTION

6 Working Modes



MECHANICAL DRAWING

FUNCTION OUTPUT DESCRIPTION