

## Ultrasonic Distance Measurement Control Board HC-SR04 Test Board Rangefinder Digital Display Serial Output



### Features:

- Onboard STM8S103 high-performance microprocessor
- With digital display
- Data can be output through the serial port
- Effective measuring distance: 3cm - 400cm
- Display unit: cm
- The biggest error: about 1%
- Working voltage: 5V
- Test Board size: 24.2x35.1mm

### Interface Description:

- VCC, GND: 5V power interface
- 2.54mm white socket: 5V power supply interface
- TX: module serial port to send foot
- RX: module serial port receive pin
- NRST, SWIN: reserved STM8 program download port

### **Instructions for use:**

Measurement distance can be displayed simultaneously through the digital tube and serial port

Digital display, directly plug in the ultrasonic module, access 5V power supply

Serial port output: plug in the ultrasonic module, the module's VCC, TX, RX, GND are connected to USB to TTL module 5V, RX, TX, GND, serial communication baud rate 9600, the output format: "D: XXX r n ", Where XXX represents the distance, the unit is CM

### **Precautions:**

Ranging, the measured object area of not less than 0.5 square meters and should be as flat as possible and slightly stronger reflective ability, otherwise it will affect the test results.

Effective measuring distance 3cm-400cm, beyond this range may result in data is not allowed or display 000

### **Package included:**

1 x Ultrasonic Distance Measurement Control Board

1 x Ultrasonic Module HC-SR04



