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HC-SR04 P Ultrasonic Module -New Version

\$1.20

HC-SR04 Ultrasonic Sensor is a very affordable proximity/distance sensor that has been used mainly for object avoidance in various robotics projects . It has also been used in turret applications, water level sensing, and even as a parking sensor.

Pack of 1-piece/lot.

Image is for package illustration purpose only. Refer to product specs for detail.

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SKU: MDU-1014

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Description



Additional information

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Description

This module is the second generation of the popular HC-SR04 Low Cost Ultrasonic Sensor. Unlike the first generation HC-SR04 that can only operate between 4.8V~5V DC, this new version has wider input voltage range, allow it to work with controller operates on 3.3V.

HC-SR04 ultrasonic sensor provides a very low-cost and easy method of distance measurement. It measures distance using sonar, an ultrasonic (well above human hearing) pulse (~40KHz) is transmitted from the unit and distance-to-target is determined by measuring the time required for the echo return. This sensor offers excellent range accuracy and stable readings in an easy-to-use package. An on board 2.54mm pitch pin header allows the sensor to be plugged into a solderless breadboard for easy prototyping.

Features:

- **HC-SR04P Upgrade version with build-in crystal, more reliable, lower working current.**
- Power Supply: 3.3~5 VDC
- Quiescent Current : <2mA
- Working Current: 2.8mA @ 5V

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- Effective Angle: <15°
- Ranging Distance : 2cm – 400 cm or 1" – 13ft
- Connector: 4-pins header with 2.54mm pitch.
- Dimension: 45mm x 20mm x 15mm
- Weight 8.5-g.

Related Information:

- [HC-SR04 User Guide](#)
- [Examples Code](#)
- [DIY Ultrasonic Distance Meter](#)

Our Local Outlet:

- [Lelong.com](#)
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