

HC-SR04-Ultrasonic Range Finder

Slug: hc-sr04-ultrasonic-range-finder

(placeholder)

FRONT

(placeholder)

BACK

(placeholder)

DETAIL

(placeholder)

PINOUT

TECHNICAL SPECIFICATIONS & SUMMARY

[Ultrasonic Sensor] This HC-SR04-Ultrasonic Range Finder is a very popular sensor that is found in many applications where it requires measuring distance and detecting objects. The module has two eyes like projects in the front which forms the Ultrasonic transmitter and Receiver. The HC-SR04 ultrasonic sensor uses sonar to determine the distance to an object like bats or dolphins do. This Ultrasonic Sensor module is a transmitter, a receiver, and a control circuit in one single pack!! It has very handy and compact construction. It offers excellent range accuracy and stable readings in an easy-to-use package. Its operation is not affected by sunlight or black material like Sharp rangefinders are (although acoustically soft materials like cloth can be difficult to detect). The Trigger and the Echo pins are the I/O pins of this module and hence they can be connected to the I/O pins of the microcontroller/Arduino. When the receiver detects the return wave the Echo pin goes high for a particular amount of time which will be equal to the time taken for the wave to return back to the sensor. Ultrasonic

UNIT PRICE (EX. GST)

Rs. 79

WITH 18% GST

Rs. 93

In stock: 10 units - HSN: 85423100

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