

Device name: Ultrasonic distance sensor

Model number: HC-SR04

Supply voltage range: [5V]

Input type(s): [digital]
[details: Trigger input signal requires a 10 μ s TTL pulse]

Output type(s): [digital]
[details: Echo output signal is a TTL level signal, proportional to the distance]

Interface: [N/A]
[details: It uses direct GPIO control rather than a standard communication protocol]

Description: Ultrasonic sensor module capable of measuring distances from 2 cm to 400 cm, with a working frequency of 40 Hz and a measuring angle of approximately 15 degrees.

Symbol:

