



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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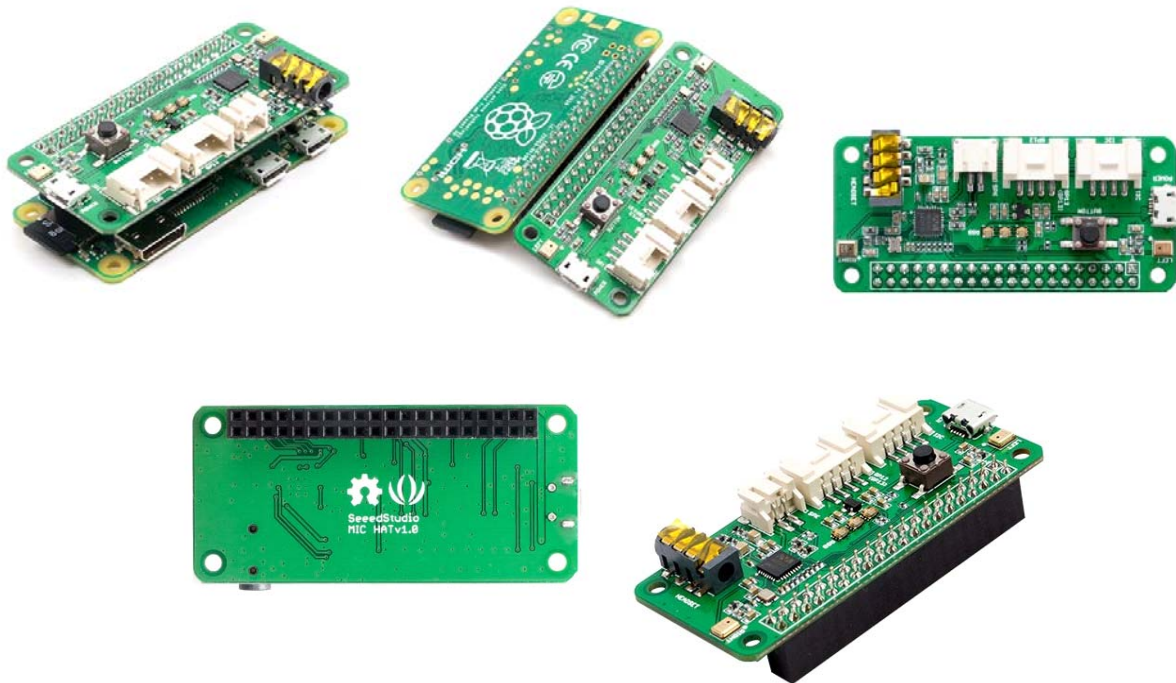
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ReSpeaker 2-Mics Pi HAT

SKU 107100001



Description

ReSpeaker 2-Mics Pi HAT is a dual-microphone expansion board for Raspberry Pi designed for AI and voice applications. This means that you can build a more powerful and flexible voice product that integrates Amazon Alexa Voice Service, Google Assistant, and so on.

The board is developed based on WM8960, a low power stereo codec. There are 2 microphones on both sides of the board for collecting sounds and it also provides 3 APA102 RGB LEDs, 1 User Button and 2 on-board Grove interfaces for expanding your applications. What is more, 3.5mm Audio Jack or JST 2.0 Speaker Out are both available for audio output.

Note: this product not include the Pi Zero board

Features

- Raspberry Pi compatible(Support Raspberry Pi Zero, Raspberry Pi 1 B+, Raspberry Pi 2 B and Raspberry Pi 3 B)
- Dual-Microphones
- 2 Grove Interfaces: support GPIO and I2C
- Programmable Button and LED: one button and three LEDs
- Audio codec onboard
- Two types audio output socket : 3.5mm Audio Jack, JST2.0 Speaker Out
- Far field support (up to 3 meters)

Usage

1. Get started with Google Assistant <https://youtu.be/Z3gIbxnDCtI>