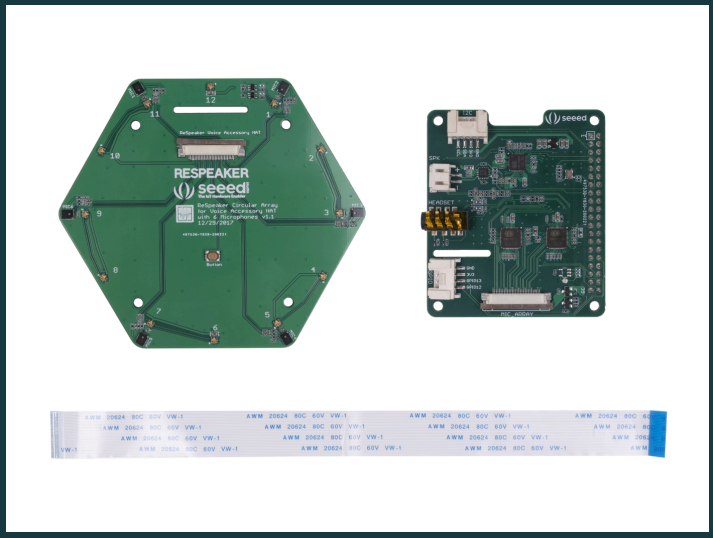
seeed studio

INDUSTRIAL PRODUCT DATASHEET

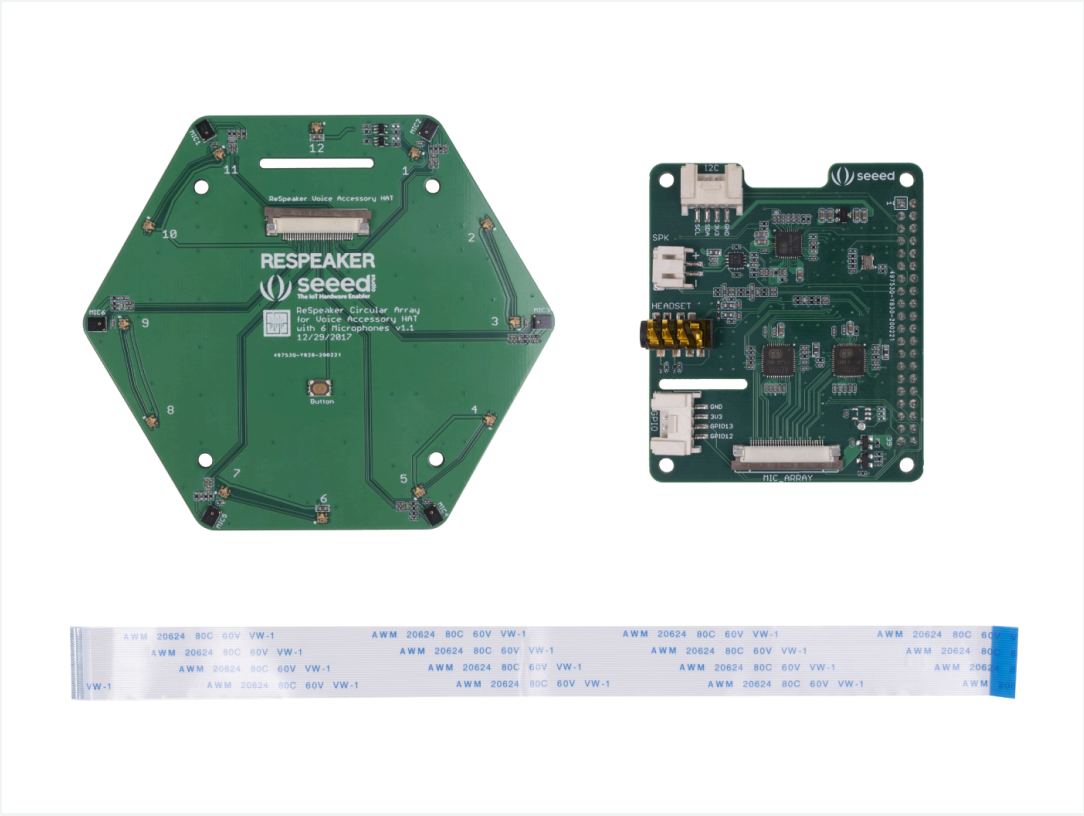
ReSpeaker 6-Mic Circular Array Kit for Raspberry Pi

ReSpeaker 6-Mic Circular Array Kit for Raspberry Pi with 6-microphone array, 8 input/output channels, Grove support, and headset/speaker output for voice-enabled applications.

SKU	UPDATED	PRICE
107990055	2026-08-05 01:40:35	$39.90(Excl. VAT)



Overview

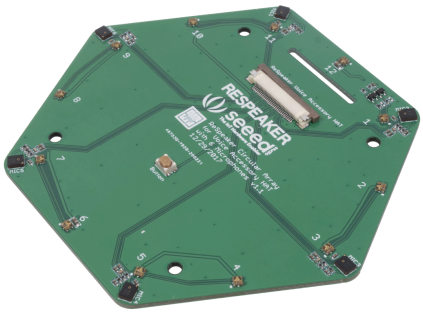


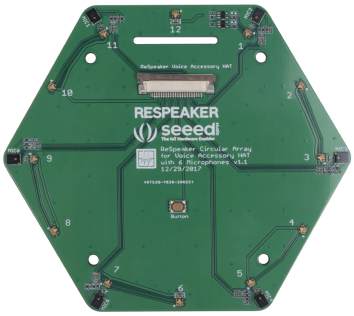
The ReSpeaker 6-Mic Circular Array Kit for Raspberry Pi features 2 ADC chips, 1 DAC chip, 8 input and 8 output channels, a 6-microphone array, Grove support, compatibility with Raspberry Pi 40-pin headers and Raspberry Pi 4, and headset and speaker voice output. It is suitable for smart speaker, intelligent voice assistant systems, voice recorders, voice conferencing systems, meeting communicating equipment, voice interacting robots, car voice assistants, and other scenarios needing voice command.

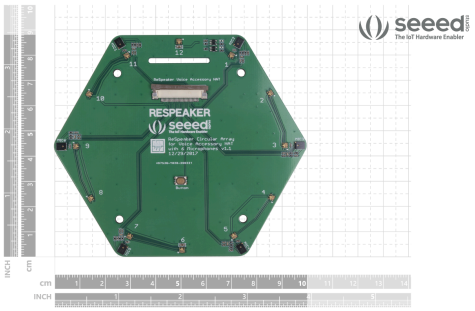
Key Features

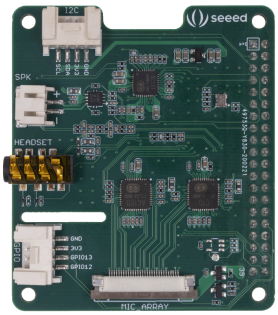
- 2 ADC chips and 1 DAC chip
- 8 input and 8 output channels
- 6 microphones array
- Grove support
- Compatible with Raspberry Pi 40-pin headers and support Raspberry Pi 4
- Headset and speaker voice output

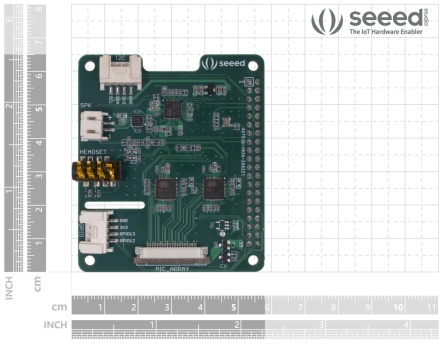
Product Gallery











Applications

- **Smart speaker**
- **Intelligent voice assistant systems**
- **Voice recorders**
- **Voice conferencing system**
- **Meeting communicating equipment**
- **Voice interacting robot**
- **Car voice assistant**
- **Other scenarios need voice command**

Part List

ReSpeaker Voice Accessory HAT	1
ReSpeaker 6-Mic Circular Array for Voice Accessory HAT	1
20cm Ribbon Cable	1

Compliance & Logistics



HSCODE	8473309000
USHSCODE	8473309100
UPC	841454120407
EUHSCODE	8471707000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/ReSpeaker-6-Mic-Circular-Array-Kit-for-Raspberry-Pi.html
- AC101 Datasheet
- AC108 Datesheet
- ReSpeaker Circular Array for Voice Accessory HAT with 6 Microphones case file
- ReSpeaker Circular Array for Voice Accessory HAT with 6 Microphone 2D File
- Seeed-Voice Driver
- Algorithms includes DOA, VAD, NS
- Voice Engine project, provides building blocks to create voice enabled objects
- AEC

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