



M5STACK

M5StickCPLUS Speaker 2 Hat (MAX98357)

SKU: U055-B

x



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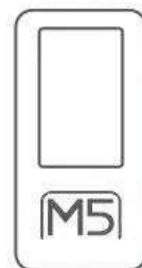


BCLK
G26

LRCLK
G0

SDATA
G36/G25

I2S
16-Bits
MAX98357
PCM Class D Amplifier



For StickC-Plus

Description

The 'HAT-SPK2 is a speaker with M5StickC PLUS, built-in MAX98357 digital audio I2S amplifier IC and 1W speaker, supporting 16-bit, 32kHz to 192kHz sample rate audio input, built-in short circuit protection' and over-temperature protection, suitable for a variety of audio applications.

Features

- HIGH-QUALITY AUDIO OUTPUT: SUPPORTS 16-BIT, 32KHZ TO 192KHZ SAMPLE RATE AUDIO INPUT
- Multiple output modes: including mono and stereo, as well as audio input formats such as I2S, left-justified, and right-justified
- Stability and reliability: Built-in short-circuit protection and over-temperature protection
- Programming platforms: Arduino, uiflow
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Includes

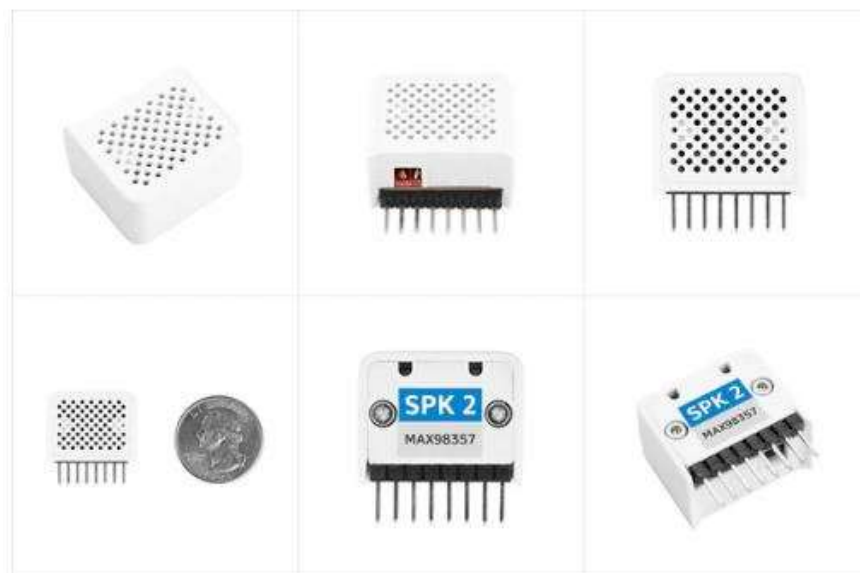
- 1x HAT-SPK2
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Applications

- Audio speakers
- television set
- Car audio
- Smart speakers

Specification

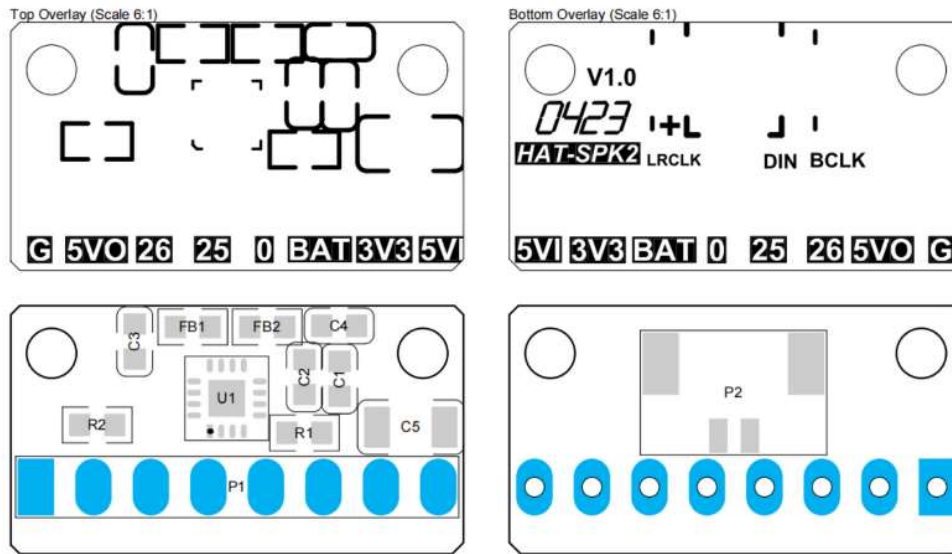
| Resources | Parameters |
|-----------------------------|----------------------------------|
| Power output | Maximum 20W |
| Signal-to-noise ratio | 103dB |
| Distortion rate | 0.1% |
| Supply voltage | 4.5v-5.5v |
| Operating temperature range | 0-40°C |
| Enter the audio format | I2S, left-aligned, right-aligned |
| Sample rate | 32kHz to 192kHz |
| Control interface | I2C 、 SPI 、 GPIO |
| Product Size | 24mm × 18.6mm ×13.7mm |
| Package Size | 136mm × 92mm ×13mm |
| Product Weight | 4.6g |
| Package Weight | 8.1g |



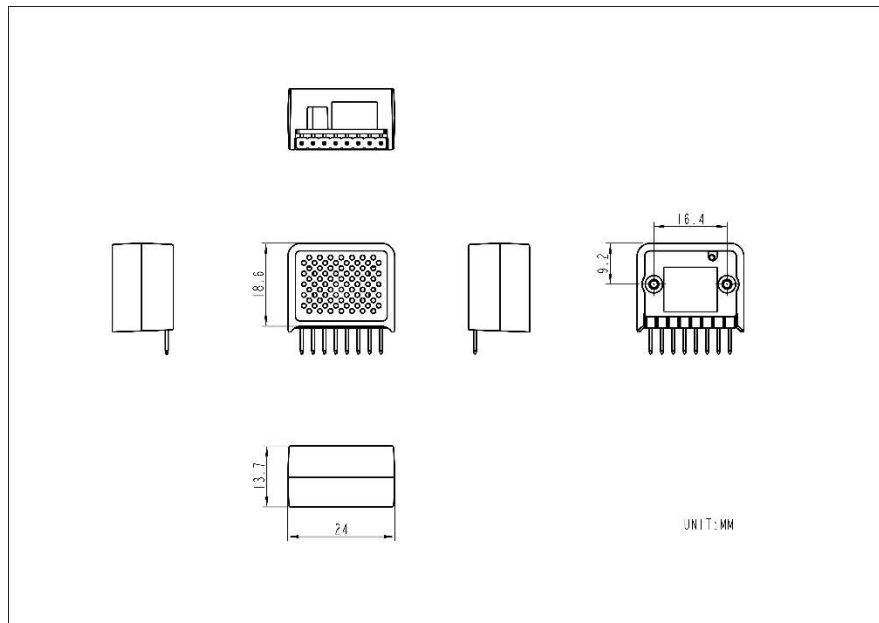
Related Link

- [MAX98357](https://shop.m5stack.com/products/m5stickplus-speaker-2-hat-max98357?variant=43789162905857)

Schematic



Module Size



<https://shop.m5stack.com/products/m5stickplus-speaker-2-hat-max98357?variant=43789162905857>