

Hat SPK

SKU:U055



Description

Hat SPK is a speaker compatible with M5StickC, featuring a built-in PAM8303 amplifier IC (3W single-channel Class-D audio power amplifier). Its high PSRR and differential input eliminate noise and RF interference, enabling high-quality, low-distortion audio reproduction.

Features

- Ultra-low EMI interference, 20dB better than FCC Class B standard at 300MHz
- 3W output power at 5V supply voltage with 4Ω load, total harmonic distortion of 10%
- Ultra-low noise when no input signal
- Operating voltage 2.8V ~ 5.5V
- Short-circuit protection

Includes

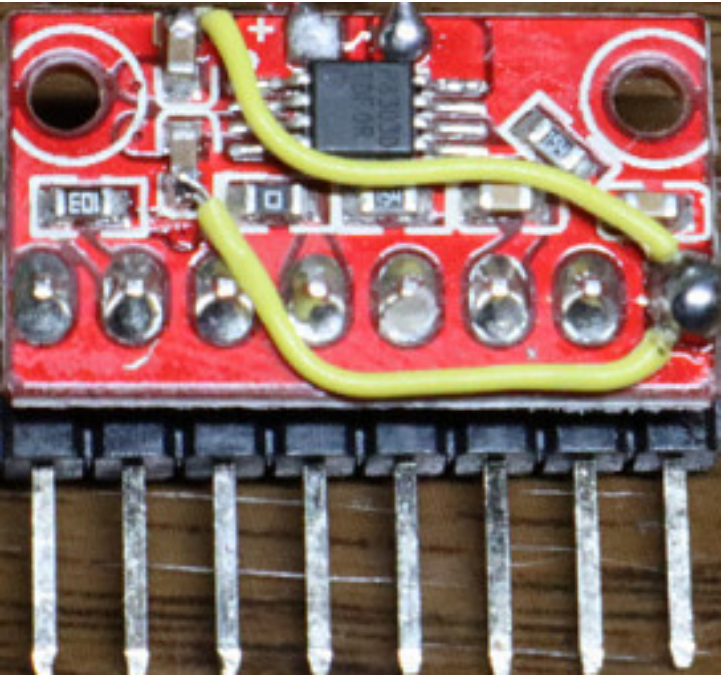
- 1 x Hat SPK
- 1 x Double-Sided Tape

Applications

Specifications

Specification	Parameter
Product Size	25.0 x 24.0 x 14.0mm
Package Size	138.0 x 93.0 x 13.0mm
Product Weight	5.5g
Gross Weight	13.0g

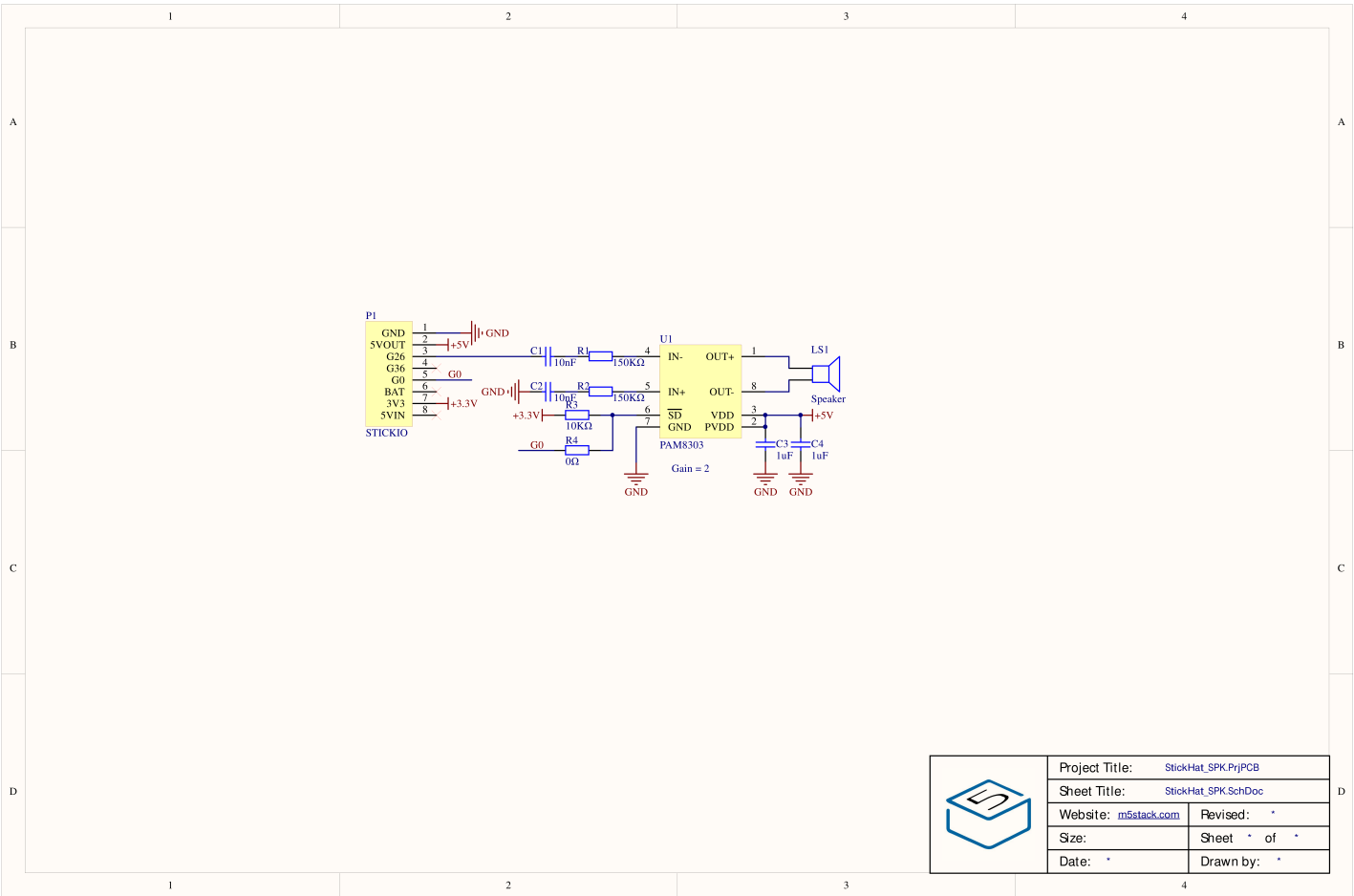
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For older version (v1.2) users, you can improve sound quality by wiring as shown in the above diagram.

Schematics

[Hat SPK Schematics PDF](#)

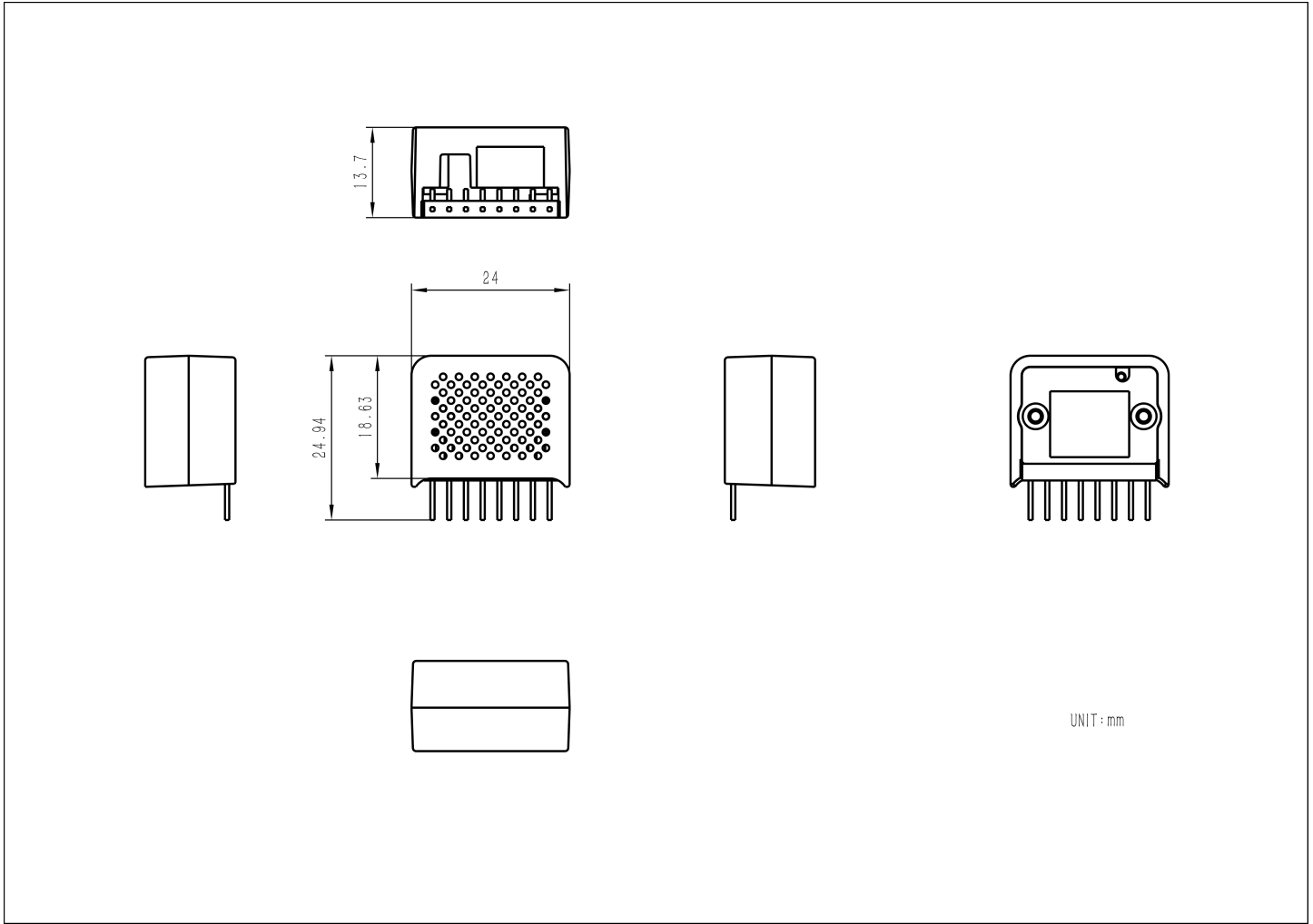


PinMap

M5StickC	G0	G26	3.3V	GND
HAT SPK	SD	IN-	3.3V	GND

Model Size

[Hat SPK Model Size PDF](#)



Datasheets

- [PAM8303 Datasheet](#)

Softwares

Arduino

- [Hat SPK Test Program](#)

UiFlow1

- [Hat SPK UiFlow1 Docs](#)

UiFlow2

- [Hat SPK UiFlow2 Docs](#)

EasyLoader

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Video

