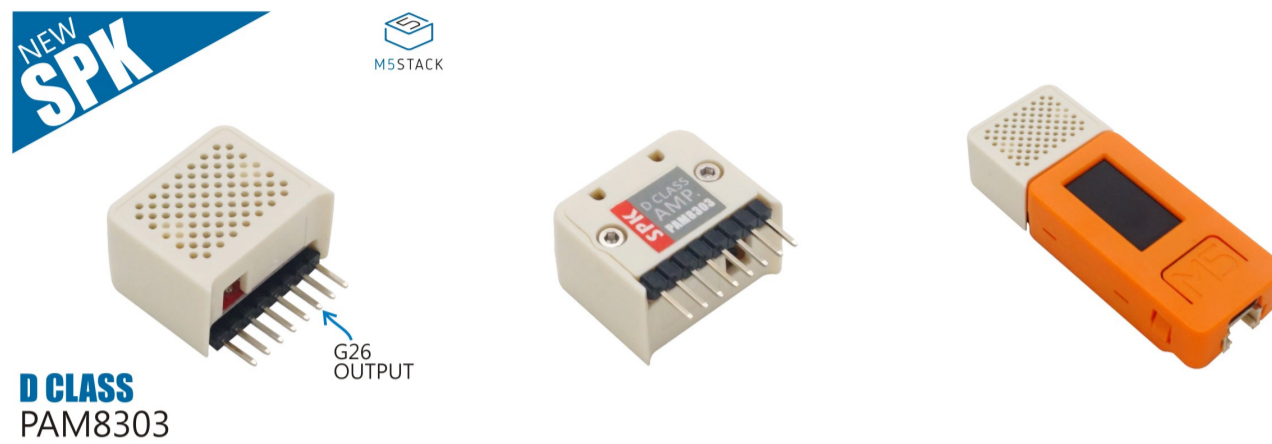


SPK HAT



Description

SPK HAT is an M5StickC compatible speaker, integrated PAM8303 amplifier (3w single channel type D power amplifier), High PSRR and differential inputs eliminate noise and rf interference, thus it has the characteristics of simple functions and high audio reproduction.

Product Feature

- Ultra-low EMI interference, 20dB better than FCC class B standard at 300MHz
- Voltage 5 v power supply, with 4 Ω load power output 3 w, 10% of the total harmonic distortion.
- Ultra-low noise without input
- Power range: 2.8V~5.5V
- Shortcut protection.

Package Includes

- 1x SPK Hat

Weight and Size

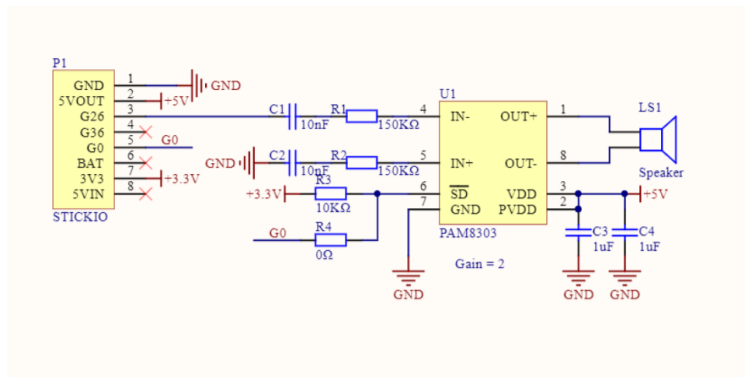
- Package size:40mm x 42mm x 30mm
- Package weight:13g

Applications

- MP4/MP3

Schematic

- [Schematic](#)



Links

- [PAM8303 Datasheet](#)

EasyLoader




1. EasyLoader is a simple and fast program burner. Every product page in EasyLoader provides a product-related case program. It can be burned to the master through simple steps, and a series of function verification can be performed. **(Currently EasyLoader is only available for Windows OS)**


2. After downloading the software, double-click to run the application, connect the M5 device to the computer through the data cable, select the port parameters, click **"Burn"** to start burning. **(For M5StickC burning, please Set the baud rate to 750000 or 115200)**


Example


- **UIFlow** Open <http://flow.m5stack.com> and Load Demo


Examples



PIR Hat

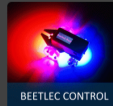

ENV Hat



SPK Hat



NCIR Hat



DAC Hat



ADC Hat


BeetleC


Finger


PuppyC


Servo


YUN

SPK Hat

Control the small ball via accelerometer to select the tones.
Press ButtonA to play the tone.

[Load](#)

- [Arduino](#)



M5StickC	GPIO0	GPIO26	5V	GND
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HAT SPK	SD	IN-	5V	GND
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