

SPK HAT SKU:U055



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: 2.8 V ~ 5.5 V
- Shortcut protection.

Package Includes

1x SPK Hat

Applications

MP4/MP3

Specification

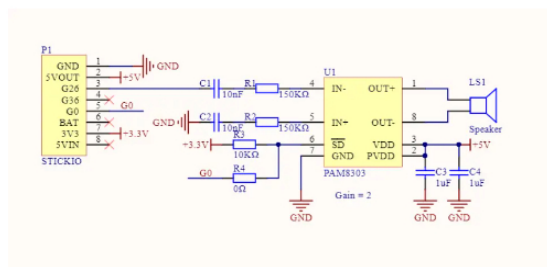
Resources	Parameter
net weight	5g
Gross weight	13g
Product Size	25*24*14mm
Package Size	40*42*30mm

Pin Map

M5StickC	GPI00	GPI026	5V	GND
HAT SPK	SD	IN-	5V	GND

Schematic

Schematic



Related Link

EasyLoader

EasyLoader is a concise and fast program writer, which has a built-in case program related to the product. It can be burned to the main control by simple steps to perform a series of function verification. Please install the corresponding driver according to the device type. M5Core host [Please click here to view the CP210X driver installation tutorial](#), M5StickC/V/T/ATOM series can be used without driver)

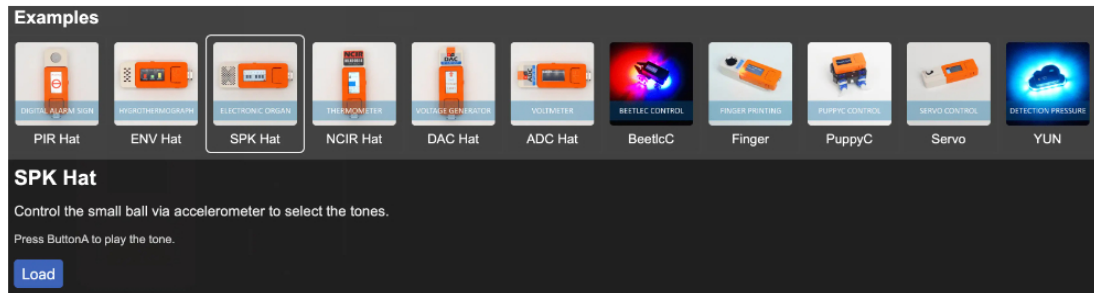
Example

1. Arduino

[Click here to download Arduino code](#)

2. UIFlow

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



The screenshot shows the 'Examples' menu in the UIFlow application. It features a grid of 12 project thumbnails, each with a title and a small image. The 'SPK Hat' thumbnail is highlighted with a white border. Below the grid, the 'SPK Hat' project is selected, showing a description: 'Control the small ball via accelerometer to select the tones. Press ButtonA to play the tone.' and a blue 'Load' button.

Thumbnail	Project Name
	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](#)