

SERVO HAT REV1.0.0



ES9251II
145° ±10°
PIN G26

PWM
INTERFACE



Description

SERVO HAT as the name suggests, is a servo motor module with the new and upgraded "ES9251II" digital servo. This comes with 145°±10° range of motion and can be controlled by PWM signals. The signal pin of the hat is connected to G26 on MSStickC.

Product Features

Servo Type: Digital
Spinning speed: 0.09sec/60°
Gear material: Plastic
Weight: 2.5g
Torque: 0.25kgfcm(at 4.8v)
Voltage: 5.0V±0.2V
Size: 24mm * 29mm * 23mm
weight: 9g

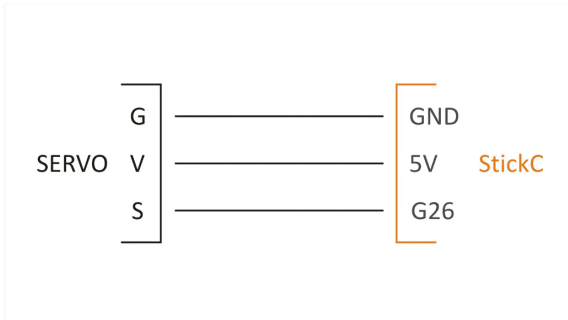
Included

1x Servo HAT

Applications

Analog indication
Angle and direction control
Door lock controller

Schematic



EasyLoader

[Click to download EasyLoader](#)

EasyLoader is a simple and fast program burner. Every product page in EasyLoader provides a product-related case program. This can be burned to the MS device through simple steps, and a series of function verifications can be performed.

After downloading the software, double-click to run the application, connect the MS device to the computer through the data cable, select the port parameters, click "Burn" to burn the program. (For MSStickC, set the baud rate to 115200 or 750000)

Example

UTF8™



Arduino

To get complete code, please [click here](#)