Bazaar / Grove / Input / Grove - Thumb Joystick

Grove - Thumb Joystick
SKU 101020028

- Grove Compatible
- 5V/3.3V Compatible
- Analog Output

IN STOCK 18 Available

Qty: − 1 +

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Description

Grove - Thumb Joystick is a Grove compatible module which is very similar to the 'analog' joystick on PS2 (PlayStation 2) controllers. Two direction movements will output different analog signals as they are actually two potentiometers. The resistor is ~10k for each.

The joystick also has a push button that can be used for special applications. When the module is in working mode, it outputs two analog values representing two directions. The value is restricted in a smaller range (e.g 200~700)compared to the normal joystick that is around 1023 when the button is pushed, so that the MCU can detect the action of pressing.

Features

- Grove Compatible, with 4pin universe 2.0mm connector

- 5V/3.3V Compatible

- Analog Output(Maximal value will be got when the button is pushed)

For all Grove users (especially beginners), we provide you guidance PDF documents. Please download and read through Preface - Getting Started and Introduction to Grove before your using of the product.

Documents

Please visit our wiki page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our forum.

Recipes
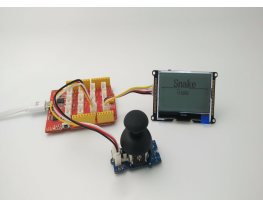
DIY Snake Game

Questions and Answers

Have a question about this? Ask people who own it.

Documents

Wiki

Grove

RaspberryPi Instructions

Grove Analog Twig

Arduino Instructions

Recommendations

Base Shield V2

Grove - Ultrasonic Ranger

Grove - Relay

Grove - Slide Potentiometer

Grove - 4-Digit Display

Grove - PIR Motion Sensor

Grove - I2C Hub

Grove - Universal 4 Pin 20cm...

Grove - OLED Display 0.96"

Grove - Universal 4 Pin Buckled 20cm...

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Hard to mount, with the plug on the topside. Needs side / bottom jack for better connecting. Other than that, it's pretty nice.

Reply |

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What port do you put this on the base shield v1.3?

on Oct 19,2016

Reply |

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When the module is in working mode it will output two analog values representing two directions. The value is restricted in a little smaller range (e.g 200~700)compared to the normal joystick, while it is around 1023 when the button is pushed, so that

Steve Chang on Oct 19,2016

Reply |

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How do the three signals from the joy stick get communicated back via the 2 data signal twig garden connector?

ThatHydeKid on Oct 19,2016

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Grove - Temperature & Humidity Sensor

Grove - Water Sensor

Grove - Sound Sensor

Grove - RTC

Grove - Button

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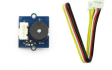
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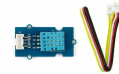
Grove - 4 pin Female Jumper to Grove...

Grove - Universal 4 Pin Buckled 50cm...

Grove - I2C Motor Driver

Grove - Buzzer

Grove - Temperature & Humidity...

Grove - Screw Terminal

Grove - Universal 4 pin connector
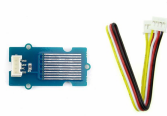
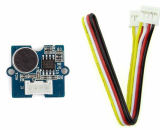Grove - RTC

Grove - Moisture Sensor

Grove - Water Sensor
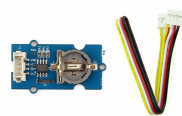
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