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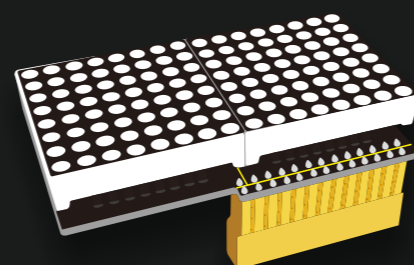
keyestudio RPI Dot Matrix

Introduction

We know that the I/O Pins of Raspberry Pi are limited. And Raspberry comes with LED dot matrix screen, it would be more trouble. But use special LED constant current control chip, basically only takes Raspberry Pi SPI interface (3 IO + 2 enabled), you can control 64 LED lights. LED dot matrix drivers become possible! This is a dot matrix led display module, which compatible with any versions of Raspberry Pi. We can provide you with installation package, source code and quickstart guide.

Specification

Support all versions of Raspberry Pi
 Driver Chip : MAX7219
 Dot Matrix Type: 8x8 common cathode red dot matrix
 Matrix Size: 64.3*35.0*26.5mm



keyestudio Ultimate Starter Kit for Raspberry Pi



KS0221

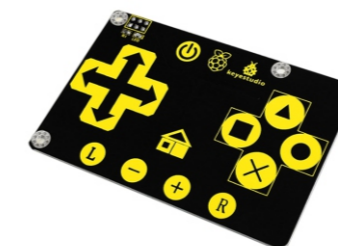


Introduction

Through this kit, you can learn more about the knowledge of linux operating system, as well as C, python and other language programming based on the debian system of Raspberry Pi. This kit also provides you with some related sensors and modules applied to the Raspberry Pi.

keyestudio RPI TTP229L 16-key Capacitive Touch Keypad

KS0210



Introduction

This keypad is designed for Raspberry Pi and supplies your Pi with 16 keys. It has an I2C communication mode and uses 3.3 V supply voltage with a power indicator. We provide you with installation package, source codes and a document to help you complete your programs.

keyestudio RPI JoyStick Shield

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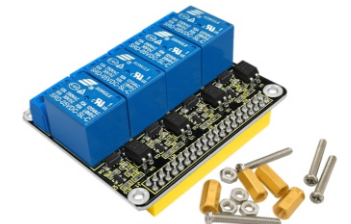


Introduction

Adding a joystick to your Raspberry Pi opens a lot of new doors. You can use the Raspberry Pi and the joystick to control a robot, a camera, play games or do whatever you want.

keyestudio RPI 4-channel Relay Shield

KS0212

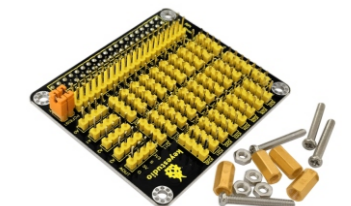


Introduction

Adding a joystick to your Raspberry Pi opens a lot of new doors. You can use the Raspberry Pi and the joystick to control a robot, a camera, play games or do whatever you want.

keyestudio RPI GPIO-PCF8591 Shield

KS0213



Introduction

The RPI GPIO-PCF8591 Shield allows you to add high-precision AD/DA functions to the Raspberry Pi. The PCF8591 features four 8-bit analog to digital converters and a single 8-bit digital to analog converter. This will operate through the I2C interface on the Raspberry Pi.

keyestudio RPI TFT 3.5 LCD Touchscreen Shield

KS0214

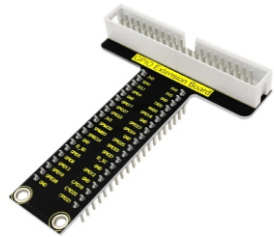


Introduction

It is the cutest, little display for the Raspberry Pi. It features a 3.5" display with 480x320 16-bit color pixels and a resistive touch overlay. It supports any revision of Raspberry Pi (directly-pluggable).

keyestudio RPI T-type GPIO Shield

KS0215



Introduction

This RPI T-type GPIO extension board is specifically designed for Raspberry Pi B+, helping you to connect external device on the breadboard. This board can be plugged into any solderless breadboard. The PCB has all pins labeled nicely, so you can directly build circuits without keeping a pin-out printout at your desk.

keyestudio RPI GPS Shield

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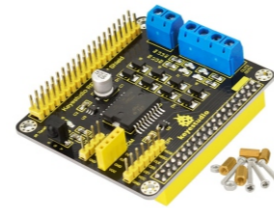


Introduction

It is based on NEO-6 u blox 6 GPS module, compatible with Raspberry Pi 3. Plug it into Raspberry Pi 3. Upload correct codes to Raspberry Pi 3, and you can find your exact location within a few meters. It also provides you with a very accurate time! It can be used in car navigation, personal positioning, fleet management, navigation and so on.

keyestudio RPI L298P Motor Drive Shield

KS0218

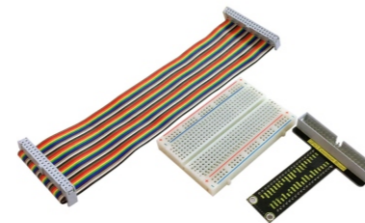


Introduction

Keyestudio RPI L298P motor drive shield adopts high-power motor driver chip L298P, which can directly drive two DC motors, with drive current up to 2A, and motor output terminal uses eight high-speed Schottky diodes as protection. The shield is fully compatible with various versions of Raspberry Pi.

keyestudio RPI T-type GPIO Shield Kit

KS0219



Introduction

This kit is designed for you to connect to external devices, including T-type shield, 40 pin colorful jumper wires, 400-pinpoint breadboard, compatible with Raspberry Pi A+/B+/3 B.

keyestudio Tb6560 Stepper Motor Drive Board

80420020



Introduction

This power adapter is special for Raspberry Pi, with an output at 5.25V/2.4A. It is specially customized for Raspberry Pi 3.

- * Input Voltage: 100-240V AC
- * Output Voltage/Capacity: 5.25V/2.4A
- * Output Connector: MicroUSB Type A
- * Load Regulation: \pm 3%
- * Output Cord Length: 4'

keyestudio DRV8825 Stepper Motor Driver for 3D Printer

SMP0074



Parameter

- *Broadcom BCM2837 running at 1.2 GHz
- *64 bit Quad-core ARM Cortex-A53
- *802.11 b/g/n Wireless LAN
- *Bluetooth Low Energy 4.1 (Typical and Low Energy)
- *Videocore IV® Double-core Processor
- *1 GB LPDDR2 RAM
- *Compatible with the latest ARM GNU/Linux and Windows 10 IoT
- *MicroUSB Connector, 2.5 A power supply

keyestudio RPI Specialized Acrylic Box Enclosure

60520075

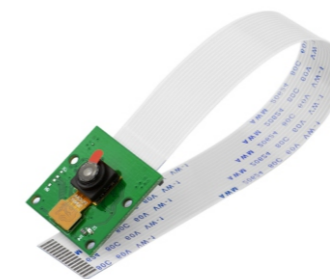


Introduction

1. The enclosure is made of ABS plastic, with colors of black, white and transparent.
2. It is divided into up half and bottom half, including 4 screws and anti-slip foot pad, compatible with Pi Model B.
3. Its surface feels smooth and snap joints are designed skillfully.
4. The bottom half of the enclosure has several airflow to keep your new box cool and mounting holes for wall-hanging.
5. Before shipment, we have already packed a pre-installed box enclosure. You just need to put the main board inside it.

keyestudio RPI Megapixels 1080p Mini Camera Module

SMP0023



Parameters

- * Lens: 1/4 5M
- * Aperture: 2.9
- * Focal length: 3.29
- * Diagonal angle: 72.4 degrees

Hardware Connection:

1. Soft cable, 90 degree vertical connector, next to the HDMI port. The contact side is facing the HDMI connector when connected.
2. Remove the protective film on the lens before you use it.
3. Bare board, pay attention to ESD damage, beware of static electricity!

keyestudio FishEye Wide Angle Camera 5 Million Pixels Sensor Camera For Raspberry Pi 3/2/B+

SMP0079

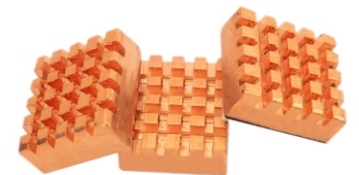


Introduction

Keyestudio CNC Shield V3.0 can be used as driver expansion board for engraving machines. It has total 4 channel slots for DRV8825 stepper motor driver modules (not included) for driving 4 channel of stepper motors. Each channel of stepper motor only needs 2 IO ports, which means 6 IO ports is sufficient to manage 3 stepper motors. This shield can make quick work for managing stepper motors in your project.

keyestudio Golden Copper Heatsink for Raspberry Pi

67120013



Introduction

Intended use: memory particles heat or other appropriate uses of heat. Use these steps:

- 1, check the chip size, to determine the size of not less than the product
- 2, remove oil chip surface
- 3, remove the membrane attached to the bottom of the product
- 4, the product is attached to the center of the wafe
- 5, pressing the heatsink 1-2 minutes, so a good heatsink and chip bonding
- 6, after moving or vibrating machines, please check the heat sink attached to the chip is complete