

PlayStation PS2 Receiver adaptor, 4 DC Motors & 8 PWM Servo Controls Testing procedure

Notice

This product is an experimental development component. This product is not a radio frequency module that can be used directly after being connected with a connector. It is not a telecommunications-controlled radio frequency equipment.

Product description

The driver uses a combination of PCA9685 and TB6612 chips, which is very stable and highly scalable. The Arduino control board and driver board communicate through IIC, so no data pins are occupied, which can provide players with greater expansion capabilities.

The driver board cannot be used alone and needs to be used with the Arduino uno development board.

Specially designed slot for PS2 controller to easily achieve wireless remote control

Full support for graphical programming (Mixly, mBlock3)

Product Features

1. Provides a dedicated PS2 wireless controller interface, and can be fully plugged into the Arduino Uno, Mega2560 development board
2. Through I2C and Arduino communication, cascade can be superimposed
3. Can be connected to 6 servos, 2 of which are directly controlled by Arduino and the other 4 are driven by PWM driver.
4. Can be connected to 4 DC brush motors or 2 4-wire stepper motors.
5. Uses TB6612FNG motor driver chip, 1.2A drive capacity, peak value 3.2A, second-rate L298N module
6. Supports ultrasonic sensor interface and Bluetooth module interface.

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Shipping list(2groupsbelow)

Motor drive board+ wireless remote control handle and receiver(Figure1)

provide information

1. Contains complete sample tutorials and program libraries, including Mixly, mBlock3 software, Arduino PS2 Library & Example
2. After the payment is completed, the information will be shared and downloaded in the cloud.



电机驱动器

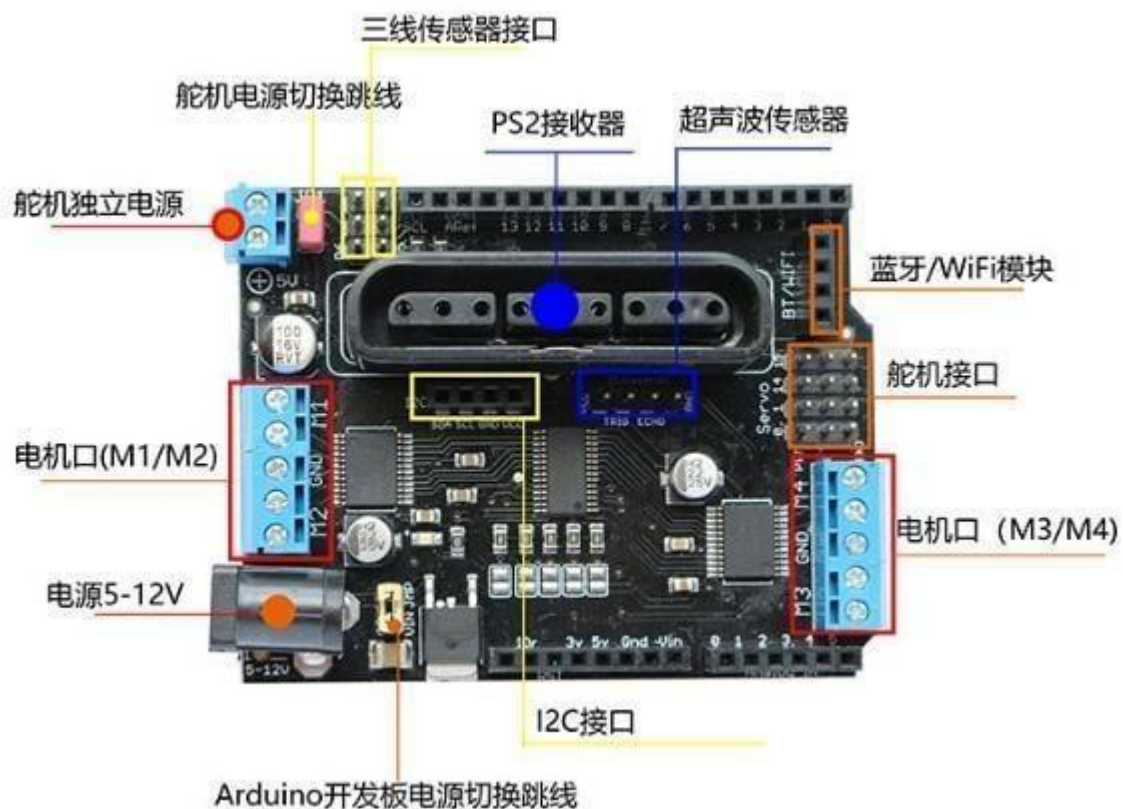
出貨清單



PS2无线手柄

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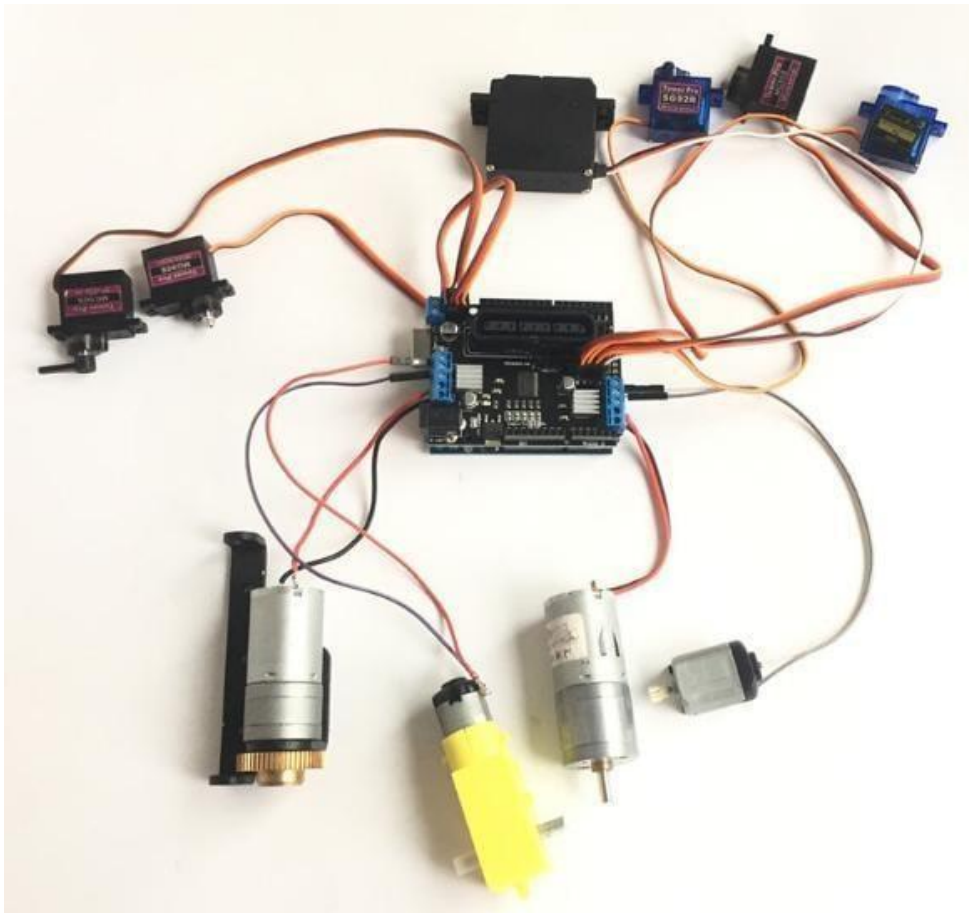
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PS2按钮对应图



 7GP_mixdy_libV2-1_example code.zip	 Arduino PS2-Motor-Shield驅動器圖形化編程.pdf	 Arduino_Library & Example.zip	 Arduino-PS2-Library & Exemplar.zip	 CH341SER.zip	 mBlock3.zip
 Mixly0.97_MAC.zip	 Mixly0.97-Win.rar	 安裝Mixly編程軟件和Arduino硬件驅動_Arduino Robotics.pdf			

附開發參考資料