keyestudio

JOYSTICK MODULE (KS0008)

Introduction

Lots of robot projects need joystick. This module provides an affordable solution. By simply connecting to two analog inputs, the robot is at your commands with X, Y control. It also has a switch that is connected to a digital pin. This joystick module can be easily connected to Arduino by IO Shield.
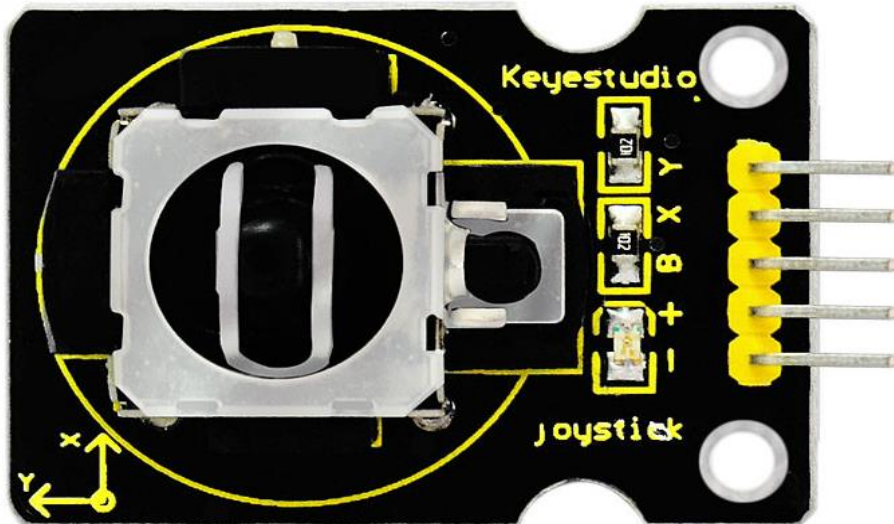
Specification

Input Voltage: 3.3 to 5V

Interface: Analog x2, Digital x1

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Connection Diagram

Sample Code

```
int JoyStick_X = 0; //x

int JoyStick_Y = 1; //y

int JoyStick_Z = 3; //key

void setup()

{

pinMode(JoyStick_Z, INPUT);

Serial.begin(9600); // 9600 bps

}

void loop()

{

int x,y,z;

x=analogRead(JoyStick_X);
```

```
y=analogRead(JoyStick_Y);

z=digitalRead(JoyStick_Z);

Serial.print(x ,DEC);

Serial.print(",");

Serial.print(y ,DEC);

Serial.print(",");

Serial.println(z ,DEC);

delay(100);

}
```