
keyestudio WiKi

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KEYESTUDIO KS0008 MODULES

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1. INTRODUCTION

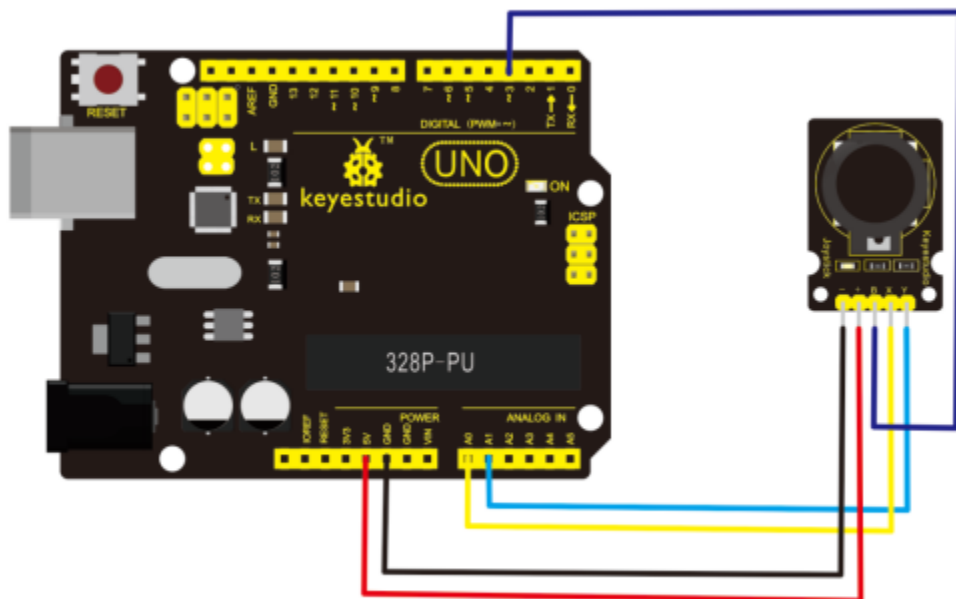
Lots of robot projects need joystick. This module provides an affordable solution. By simply connecting to two analog inputs, the robot is at your commands with X, Y control.

It also has a switch that is connected to a digital pin. This joystick module can be easily connected to Arduino by IO Shield.

2. SPECIFICATION

- Supply Voltage: 3.3V to 5V
- Interface: Analog x2, Digital x1

3. CONNECTION DIAGRAM



4. SAMPLE CODE

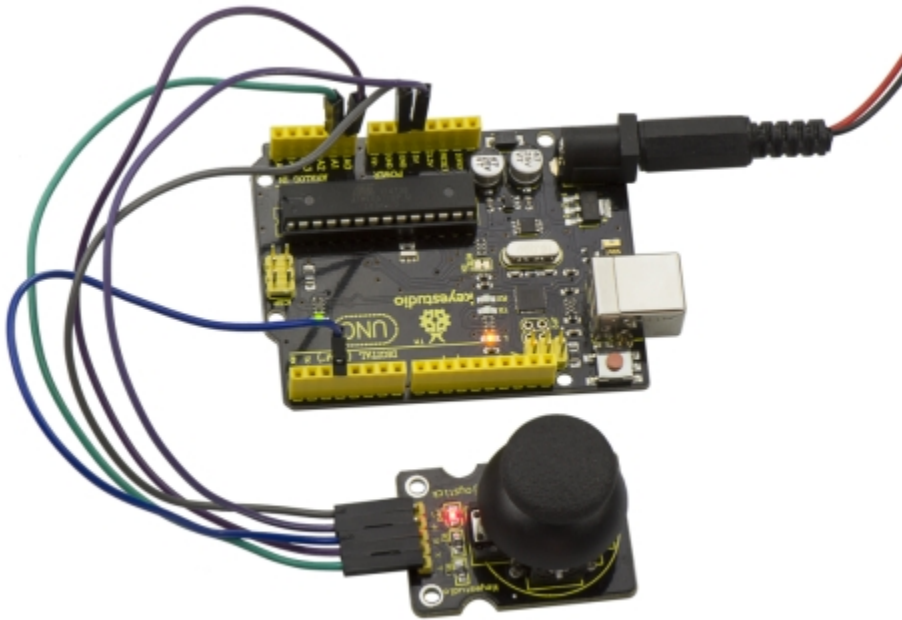
Download code : Code

```
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);
}
```


5. RESULT



Wiring well and uploading the code, open the serial monitor and set the baud rate to 9600, push the joystick, you will see the value shown below.

