PS2 rocker test experiment

Rocker arm module is actually two adjustable resistor (X and Y axis) and a switch, when the rocker head is located in the middle is half of the resistance, when moving to one side, resistance to a minimum, moving towards another, resistance to the maximum, X/Y axis is the same, when down press head rocker switch for the grounding, did not press the switch for the high level, because do not pull down/treatment, the level have a floating is normal.

Wiring schematic:

Rocker arm module arduino

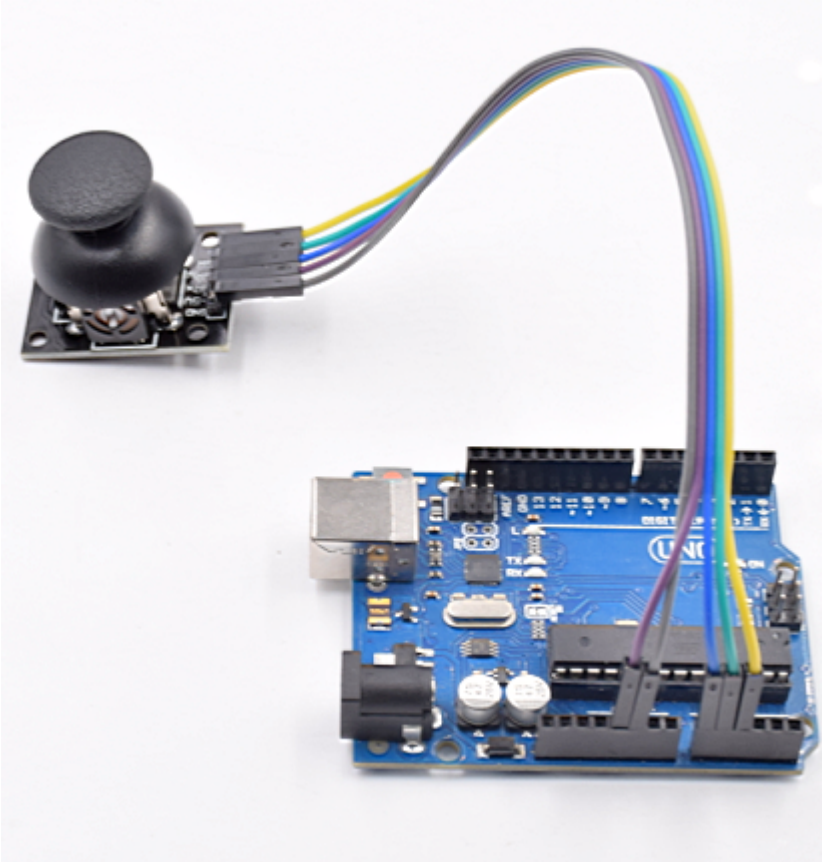
GND ----------GND

+5V---------- 5V

VRX----------A0

VRY----------A1

SW ----------A2



CODE:

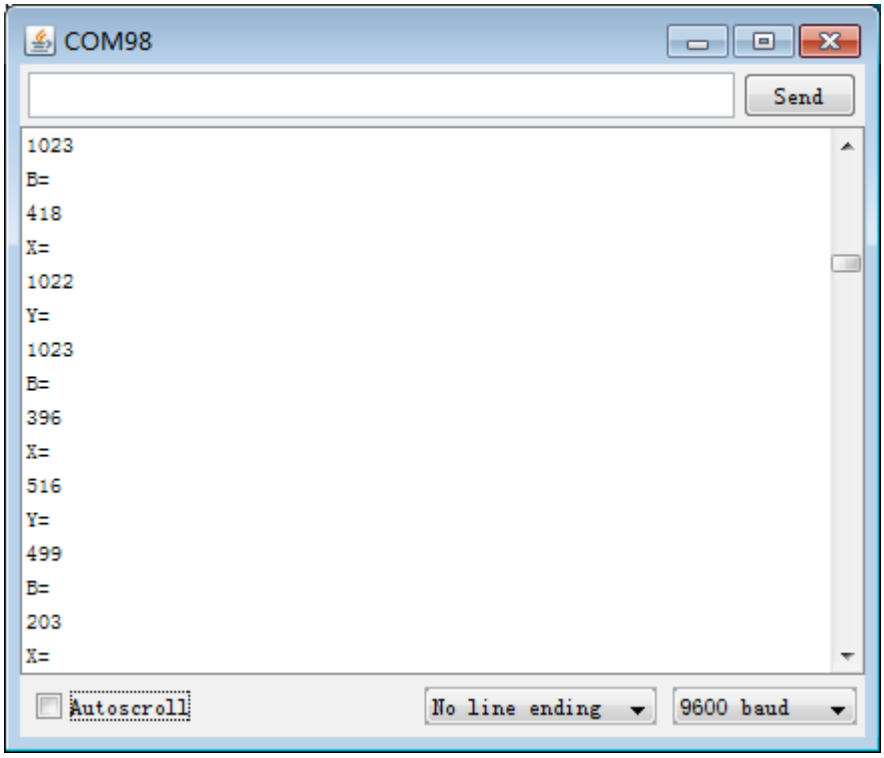
```
/*This is our website www.weikedz.com
For bulk orders, please feel free to contact
sophie@weikedz.com. If any question, for orders,
for technical problems, pls contact us.
We will response you fastest time. */
```

```
int xpotpin=0;// Define analog interface 0
int ypotpin=1;
int bpotpin=2;
int xval=0;       // Set a variable
int yval=0;
int bval=0;


void setup()
{
   pinMode(xpotpin,INPUT); //Define I/O ports as input interfaces
   pinMode(ypotpin,INPUT);
   pinMode(bpotpin,INPUT);
Serial.begin(9600);// Set baud rate of 9600
}
void loop()
{


xval=analogRead(xpotpin);// Read the value of the analog interface 0 and assign it to xval
Serial.println("X=");
Serial.println(xval);// Shows the value of xval
yval=analogRead(ypotpin);// Read the value of the analog interface 1 and assign it to yval
Serial.println("Y=");
Serial.println(yval);
bval=analogRead(bpotpin);// Read the value of the analog interface 2 and assign it to bval
Serial.println("B=");
Serial.println(bval);
delay(1000);
}
```

After downloading the code, open the IDE's built-in serial monitoring tool, and you will see the following figure:


COM98
Send
1023
B=
418
X=
1022
Y=
1023
B=
396
X=
516
Y=
499
B=
203
X=
Autoscroll
No line ending
9600 baud