

Shenzhen Keyi Interactive Robot Co., Ltd.

## **KE2061 KEYES Analog Piezoelectric Ceramic Vibration Sensor module**

# **Parameters:** Working Voltage: 3.3 ~ 5VDC Colour: Red Size: 39x22x12mm. **PINOUT Instruction:** DIGITAL (PWM~) UNO EYES ww.keyesrobot.com ICZ

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### Sample Code:

```
void setup()
{
   Serial.begin(9600); //Open the serial to set the baud rate for 9600bps
}
void loop()
{
   int val;
   val=analogRead(0); //Connect the analog piezoelectric ceramic vibration sensor to analog interface 0
   Serial.print("Vibration is ");
   Serial.println(val,DEC);//Print the analog value read via serial port
   delay(100);
}
```

**Result:** 

Wiring as the above diagram and upload well the code, after power-on, open the serial monitor, then set the baud rate as 9600. When vibrating the ceramic chip, you will see the data as the figure shown below.

© COM139	
	Send
Vibration is 4	A
Vibration is 9	
Vibration is 0	
Vibration is 0	
Vibration is 1	
Vibration is 0	
Vibration is 23	
Vibration is 17	
Vibration is 30	
Vibration is 33	
Vibration is O	
Vibration is 282	
Vibration is 11	
Vibration is O	
Vibration is 145	
Vibration is 45	
Vibration is 487	
Vibration is 100	=
Vibration is 41	
Vibration is 22	-
V Autoscroll	No line ending 👻 9600 baud 💌

#### **Reference:**

https://wiki.keyestudio.com/Ks0272 keyestudio Analog Piezoelectric Ceramic Vibration Sensor