

XC4478 3 Axis Accelerometer

The XC4478 3 Axis Accelerometer module provides an analog voltage proportional to the force experiences along each axis. The output voltage is typically centred on $VCC/2$.

Connections:

Pinout		
Module	DuinoTech	Function
VCC	5V	Power
X Out	A0	X axis acceleration
Y Out	A1	Y axis acceleration
Z Out	A2	Z axis acceleration
GND	GND	Ground Connection

The following sketch prints out the raw analog data from each axis on the serial port.

```
#define ACCELX A0
#define ACCELY A1
#define ACCELZ A2

void setup() {
  Serial.begin(9600);
}

void loop() {
  Serial.print("X ");
  Serial.print(analogRead(ACCELX));
  Serial.print(" Y ");
  Serial.print(analogRead(ACCELY));
  Serial.print(" Z ");
  Serial.print(analogRead(ACCELZ));
  Serial.println();
  delay(250);
}
```