Circuit

Place the gyro on the breadboard.

Connect the VDD pin to the positive rail of the breadboard.

Connect the GND pin on the negative rail of the breadboard.

It’s not necessary to connect to the VIN.

Connect the SDA from gyro to A4 in the arduino.

Connect the SCL from gyro to A5 in the arduino.

Connect 5V from arduino in positive rail and GND in negative rail.

Connect Arduino to the PC and upload the code.

Code

Use L3G library.

#include <Wire.h>

#include <L3G.h>

L3G gyro;

void setup() {

Serial.begin(9600);

Wire.begin();

if (!gyro.init()) {

Serial.println("Failed to detect and initialize gyro!");

while (1);

}

gyro.enableDefault();

}

void loop() {

gyro.read();

Serial.print("Gyro X: ");

Serial.print(gyro.g.x);

Serial.print(" Gyro Y: ");

Serial.print(gyro.g.y);

Serial.print(" Gyro Z: ");

Serial.println(gyro.g.z);

delay(250);

}

Libraries

<https://github.com/pololu/l3g-arduino>