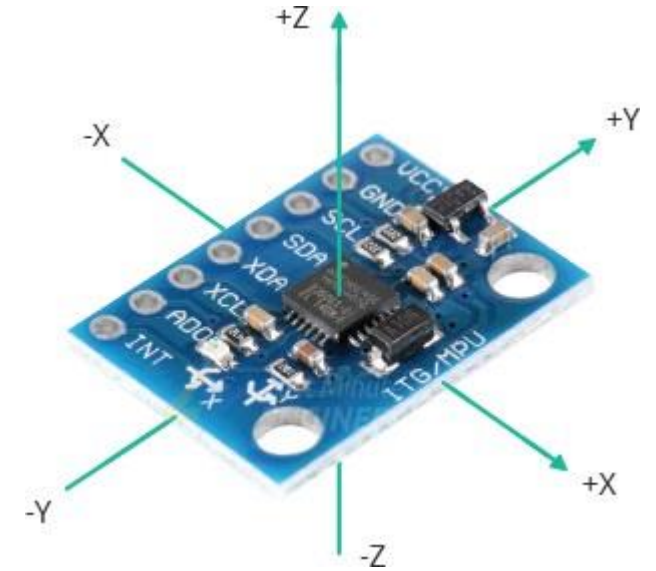
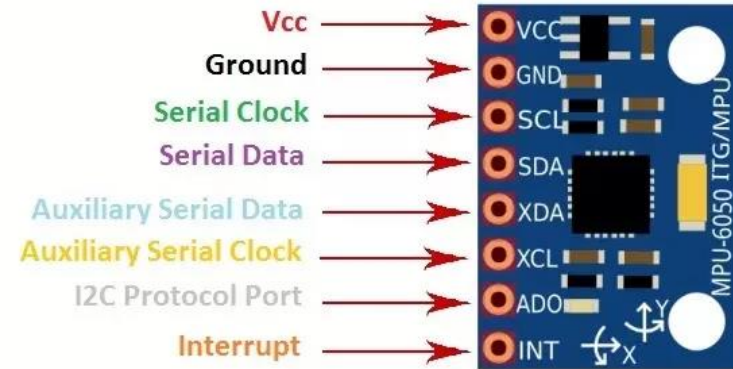


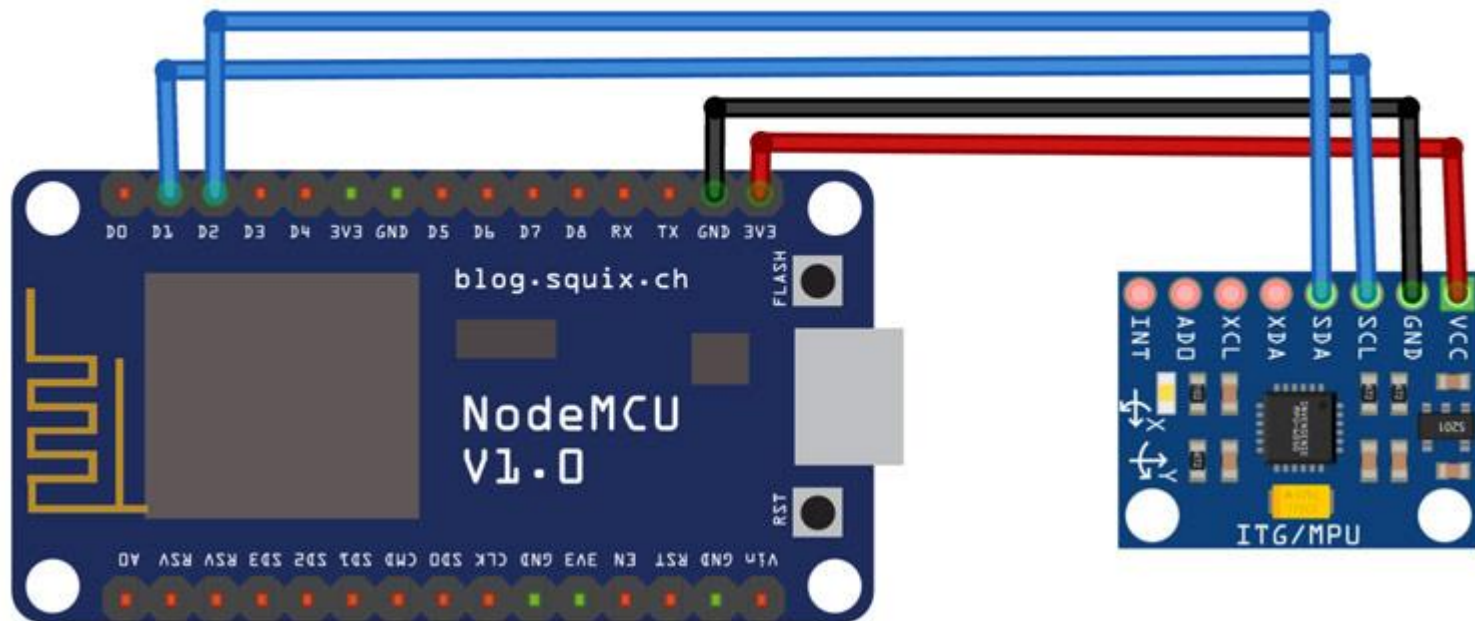
# GYRO MPU6050

Dinesh Kumar  
ISRO Satellite Center  
Bangalore

## Introduction to MPU6050



[www.TheEngineeringProjects.com](http://www.TheEngineeringProjects.com)



```
#include <Wire.h>
#include <Adafruit_GFX.h>
#include <MPU6050_light.h>
```

```
MPU6050 mpu(Wire);
unsigned long timer = 0;
```

```
void setup() {
  Serial.begin(115200);
  Wire.begin();
  mpu.begin();
}
```

```
void loop() {
  mpu.update();
  if((millis()-timer)>10)
  {
    Serial.print("P : ");
    Serial.println(mpu.getAngleX());
    Serial.print("R : ");
    Serial.println(mpu.getAngleY());
    Serial.print("Y : ");
    Serial.println(mpu.getAngleZ());
    timer = millis();
  }
}
```