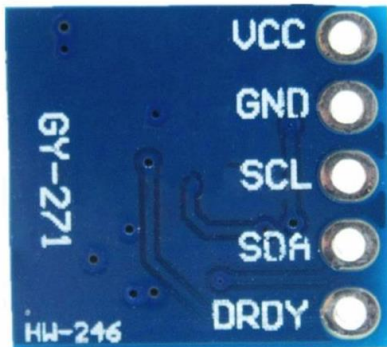


# GY-271 HMC5883L Electronic Compass Triple Axis Magnetometer Sensor Module

## Product Description

The Compass Module is designed for low-field magnetic sensing with a digital interface and perfect to give precise heading information. This compact sensor fits into small projects such as UAVs and robot navigation systems. The sensor converts any magnetic field to a differential voltage output on 3 axes. This voltage shift is the raw digital output value, which can then be used to calculate headings or sense magnetic fields coming from different directions.



## Pin Configuration

1. VCC: 3V-5V DC
2. GND: ground
3. SCL: analog input (A5)
4. SDA: analog input (A4)
5. DRDY: not connected

