

LEARN

This is a fully integrated compass module that combines the Honeywell HMC6352 2-axis magneto-resistive sensors with the required analog and digital support circuits, microprocessor and algorithms for heading computation.

CONNECT

Sensor		Arduino
SCL	→	Analog 5
SDA	→	Analog 4
Vin	→	Analog 3
GND	→	Analog 2

CODE

```
#include <Wire.h>
#include <LibCompass.h>

LibCompass compass =
LibCompass(0);

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

int c;

void loop() {
  c = (int)compass.GetHeading();

  Serial.print("Heading: ");
  delay(5);
  Serial.print(c);
  delay(5);
  Serial.println(" degrees");
  delay(5);
}
```

SENSOR CHEAT SHEET