

# GY-81 9DOF IMU

**Produktkode:** 202aa  
**Tilgjengelighet:** 1

**Pris: kr. 550,00**

## Short Description

Chips:HMC5883L+BMA180+ITG3205+BMP085

## Beskrivelse

Chips:HMC5883L+BMA180+ITG3205+BMP085

## Description

Model: HMC5883L+BMA180+ITG3205+BMP085 Module Fight Control Module

Three-axis magnetic field+ three axes acceleration+ three-axis gyroscope + Atmospheric pressure)Nine-axis attitude control

The gyroscope built-in 16bit AD converter, 16-bit data output

The magnetic field built-in 12bit AD converter, 16 forms of data output

Acceleration built-in 10bitAD converter ,16 forms of data output

Machine welding process to ensure quality standard 2.54mm pin spacing

Power supply :3-5v (internal low dropout regulator)

Communication modes: standard IIC communication protocol (fully compatible with the system 3-5v)

Magnetic field range:  $\pm 0.88/1.3/1.9/2.5/4.0/4.7/5.6/8.1$  gauss

Acceleration range:  $\pm 2 \text{ g} / \pm 4 \text{ g} / \pm 8 \text{ g}$

Gyro range:  $\pm$  of 250/500/1000/2000  $^{\circ} / \text{sec}$

**Package Included:**

1 X GY-81 Module

**Bilibili**

[See i2cdevlib on GitHub](#)

**Product Gallery**