

GY-65

GY-65 Atmospheric Pressure Module Altimeter BMP085 Module With the Code



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Product Description

- Best Price!!GY-65 atmospheric pressure module altimeter the module BMP085 module to send the code

Description:

- Name: BMP085 module
- (Atmospheric pressure module)
- Model: GY-65
- Chip AD converter
- The use of chip: BMP085
- Power supply :3-5v
- Means of communication: IIC communication protocol
- BMP085 is a high precision, ultra-low power consumption pressure sensors, can be applied to mobile devices. Its performance, the absolute accuracy of the minimum can reach 0.03hPa, and very low power consumption, only 3 μ A. BMP085 powerful 8-pin ceramic-lead chip carrier (LCC) ultra-thin package, through the I2C bus can be connected directly with a variety of microprocessor.

Main features:

- Pressure range: 300 - 1100hPa (9000 meters above sea level to -500 m)
- Power supply voltage: 1.8V - 3.6V (the VDDA)
- 1.62V - 3.6V (VDDR)
- LCC8 package: lead-free ceramic carrier package (LCC)
- Size: 5.0mmx5.0x1.2mm
- Low power consumption: 5 μ A in standard mode
- Precision: low-power mode, the resolution of 0.06hPa (0.5 m)
- High linear mode with a resolution of 0.03hPa (0.25 m)
- With temperature output
- I2C interface
- Temperature compensation
- Lead-free, RoHS compliant,
- Response time: 7.5ms

- Standby current: 0.1?A
- Eliminates the need for an external clock circuit

Typical applications:

- GPS precise navigation (dead reckoning, the upper and lower bridge detection, etc.)
- indoor and outdoor navigation
- Leisure, sports and medical health monitoring
- vertical speed indicator (up / sinking speed)
- Fan power control