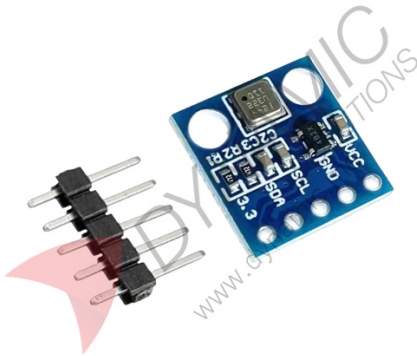


BMP180 Barometric Pressure Sensor Module GY-68 - 5 Pins



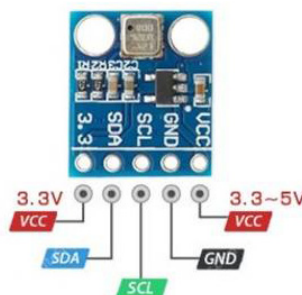
Features:

The BMP180 GY-68 module delivers highly accurate pressure and temperature readings, enabling applications such as GPS enhancement, vertical velocity indication, and weather forecasting. With built-in calibration data, it ensures reliable altitude calculations while consuming minimal power, making it ideal for mobile and battery-powered systems. Its robust MEMS design ensures long-term stability in demanding IoT and embedded projects.

Specifications	
Operating Voltage	1.8V–3.6V (3.3V–5V supported by regulator)
Pressure Range	300–1100 hPa
Pressure Accuracy	±0.12 hPa
Noise	0.02 hPa (17cm)
Temperature Range	-40°C to +85°C
Temperature Accuracy	±0.5°C
Interface	I2C (default 0x77), optional SPI variant
Power Consumption	0.3 μ A (1Hz), 0.5 μ A standby
Dimensions	15mm x 12mm
Calibration	Fully calibrated onboard

Pinouts:

Pin Name	Type	Description
VCC	Power	Module supply input
GND	Ground	Power ground
SCL	Input	I2C clock input
SDA	I/O	I2C data line
3.3	Output	Regulated 3.3V output



Product Pictures:

