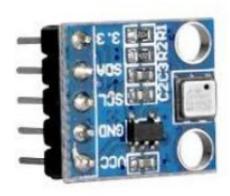
## BMP180 High-Precision Digital Pressure and Temperature Sensor



Produktkode: 954aa Tilgjengelighet: 3

Lager: C9

Pris: kr. 35,00

Short Description BMP180 High-Precision Digital Pressure and Temperature Sensor

## **Beskrivelse**

## BMP180 High-Precision Digital Pressure and Temperature Sensor

The BMP180 by Bosch Sensortec is a high-precision digital sensor designed for measuring environmental temperature, pressure, and altitude. This ultra-low power, low voltage component is optimized for high accuracy and stability, making it ideal for mobile phones, PDAs, GPS navigation devices, and outdoor equipment.

- Pressure Measurement Range: 300 to 1100 hPa (Altitude: 9000m to -500m)
- **Voltage**: 1.8V~3.6V (VDDA), 1.62V~3.6V (VDDD)
- **High Accuracy**: 0.06 hPa (0.5m) in low power mode, 0.03 hPa (0.25m) in high linearity mode
- Low Power Consumption: 5?A in standard mode
- Built-in Temperature Sensor: Accuracy of 0.5°C

• I2C Communication: Supports easy integration with microcontrollers

The BMP180 is perfect for applications requiring precise pressure and altitude measurements, such as weather monitoring and altitude tracking

## **Key Features:**

- **High Accuracy**: Absolute accuracy down to 0.03 hPa.
- Low Power Consumption: Only 3?A, perfect for battery-powered devices.
- Easy Integration: I2C interface for seamless connection with microcontrollers.
- **Versatile Applications**: Suitable for weather monitoring, drones, and IoT devices.

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Enhance your projects with the BMP180 sensor for reliable and precise pressure and temperature measurements.

