



Grove - Barometer (High-Accuracy)

SKU 101020068



According to the United State Government Statement released on June 15, 2018, an additional tariff will be charged for this product shipped to the USA starting July 6th, 2018.

This Grove - Barometer (High-Accuracy) Sensor features a HP206C high-accuracy chip to detect barometric pressure, Altimeter and temperature. It can widely measure pressure ranging from 300mbar~1200mbar, with a super high accuracy of 0.01mbar(0.1m) in ultra-high resolution mode. The chip only accepts 1.8V to 3.6V input voltage. However, with outer circuit added, this module becomes compatible with 3.3V and 5V. Therefore, it can be used on Arduino/Seeeduno or Seeeduno Stalker without modification. It is designed to be connected directly to a micro-controller via the I2C bus.

Features

- Digital two wire (I2C) interface
- Command-based Reading, Compensated (Optional)
- Programmable Events and Interrupt Controls
- Full Data Compensation
- Wide barometric pressure range
- Flexible supply voltage range
- Ultra-low power consumption
- Altitude Resolution down to 0.01 meter
- Temperature measurement included

Technical details

Dimensions	140mm x85mm x10.6mm
Weight	G.W 10g
Battery	Exclude

Part List

Grove - Barometer (High-Accuracy)	1
Grove - cable	1

ECCN/HTS

ECCN	2B230
HSCODE	9026900000
USHSCODE	90230000
UPC	841454108733
ROHS	1

