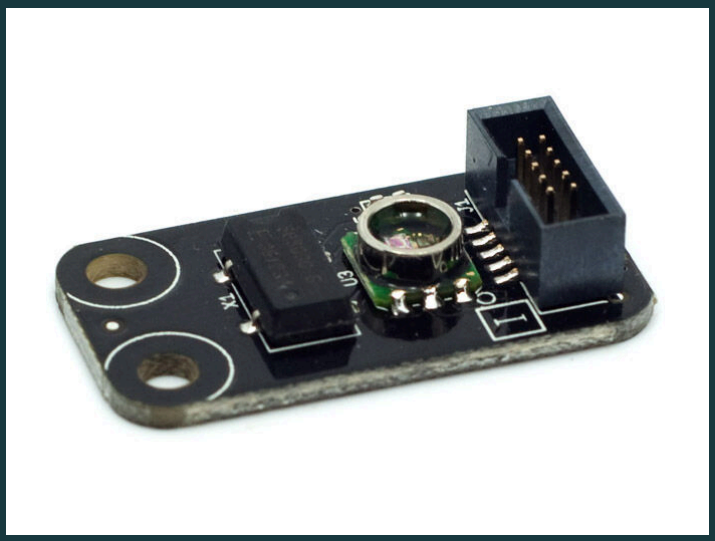
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INDUSTRIAL PRODUCT DATASHEET

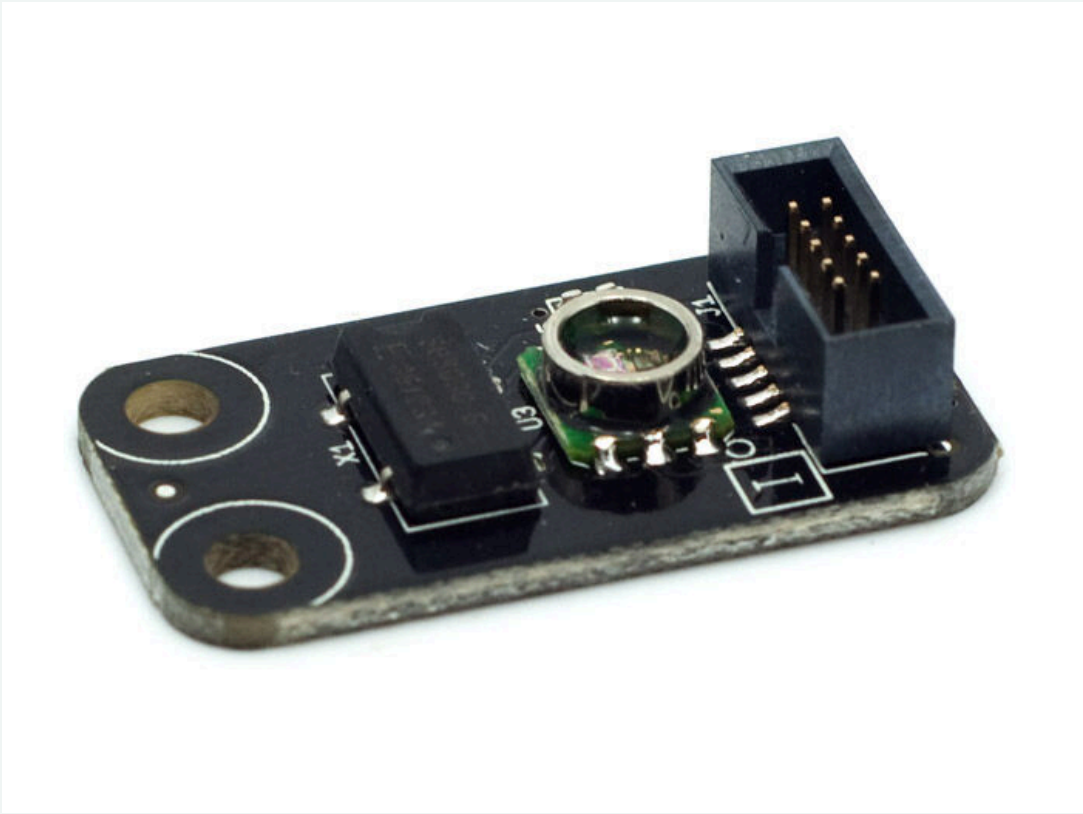
Barometer Module - .NET Gadgeteer Compatible

Gadgeteer-compatible barometer module with HP03M sensor for pressure, altitude, and temperature measurement using I2C.

SKU	UPDATED	PRICE
101120001	2024-08-09 02:15:16	$33.00(Excl. VAT)



Overview



The Barometer Module is a .NET Gadgeteer compatible sensor module for atmospheric pressure, altitude, and temperature sensing. It utilizes the HP03M piezoresistive pressure sensor and communicates via I2C, requiring a type I socket, with an operating range of -40 °C to +8 °C.

Key Features

This product can now be purchased at www.ghielectronics.com.

Barometer Sensor module for Gadgeteer. This module is used for atmospheric pressure, altitude and temperature sensing . A sensor HP03M, which measures the pressure based on a piezoresistive pressure sensor, was equipped on this module, and provides accurate pressure and temperature data to Gadgeteer mainboard via I2C bus.

Requires socket type I.

Features

- Gadgeteer socket type I
- Base on piezoresistive sensor
- -40 °C ~+8 °C operating range

Resources

- **Drivers**
- **Source Code**
- **Eagle file & datasheet**

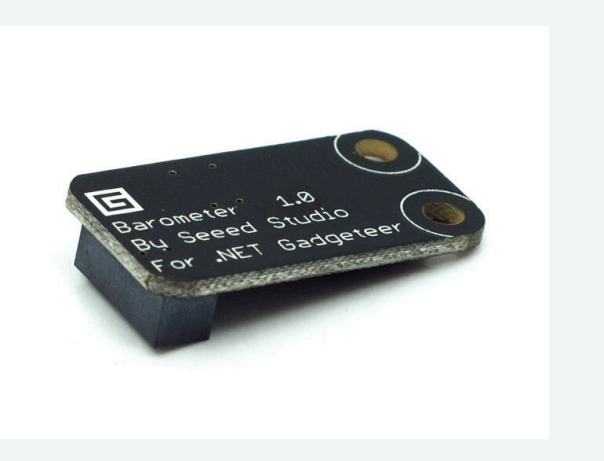
External Links

you need to download the following software to start your Gadgeteer:

1. Development tool : **Microsoft Visual C# Express 2010**
2. Micro framework: **Microsoft .NET Micro Framework 4.1 SDK**
3. **The Gadgeteer core, mainboard SDk and module driver(GHI)**

You can download these tools at : **http://tinyclr.com/support**

Product Gallery



Compliance & Logistics

HSCODE

Resource Links

- https://www.seeedstudio.com/Barometer-Module-NET-Gadgeteer-Compatible-p-974.html

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