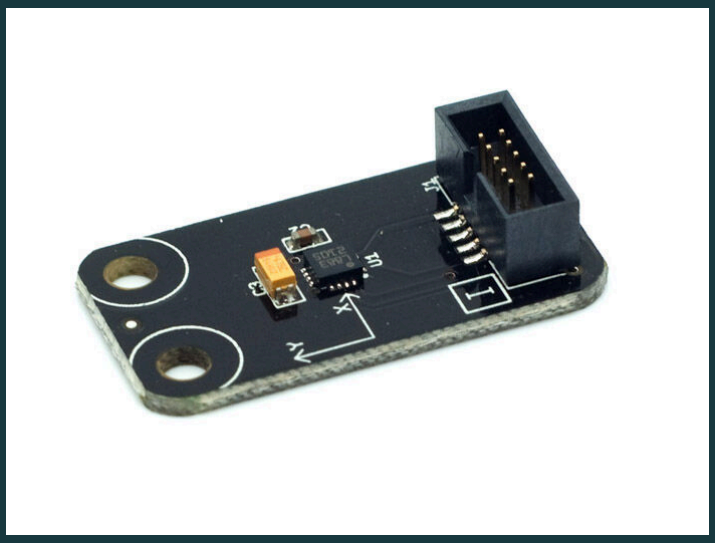
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INDUSTRIAL PRODUCT DATASHEET

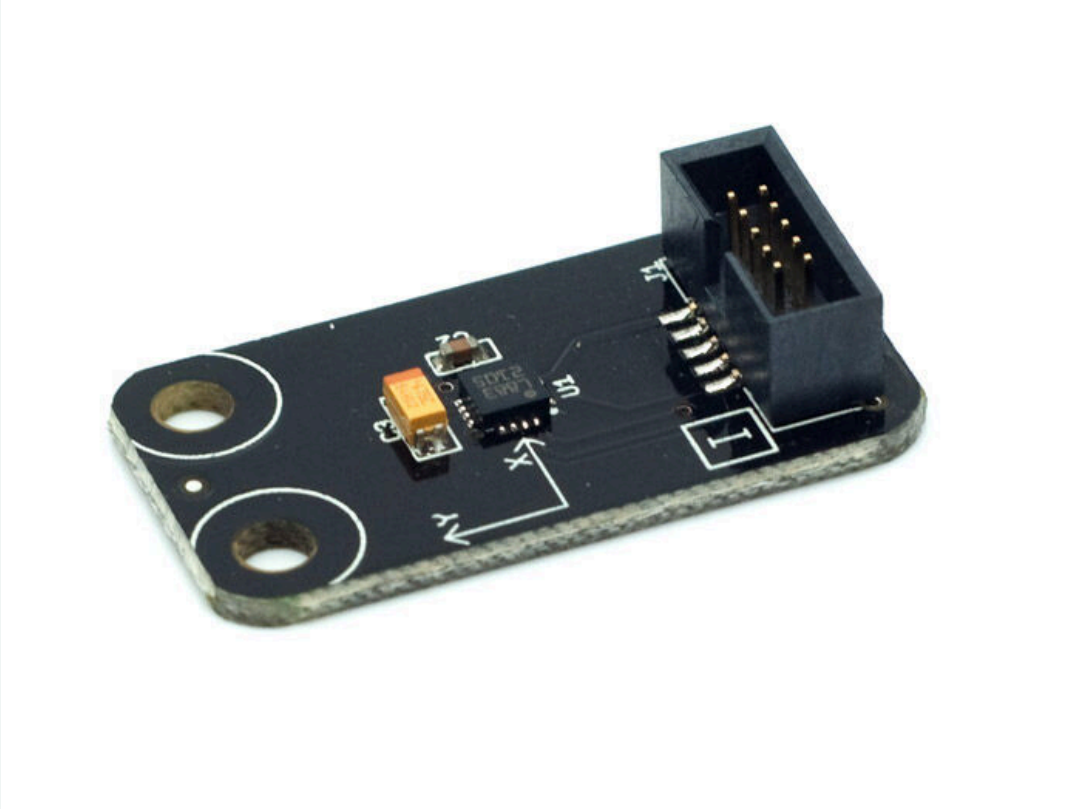
Compass Module - .NET Gadgeteer Compatible

.NET Gadgeteer compass module with 3-axis magneto-resistive sensor and I2C interface for accurate heading measurement.

SKU	UPDATED	PRICE
101120007	2024-08-09 02:15:16	$15.90(Excl. VAT)



Overview



This Compass Module is a .NET Gadgeteer compatible device designed for low field magnetic sensing via I2C, providing 1° to 2° heading accuracy for compassing and magnetometry. It features a 3-axis magneto-resistive sensor with up to 116 Hz output rate, suitable for navigation systems and consumer electronics.

Key Features

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

Compass module for Gadgeteer. This module is designed for low field magnetic sensing with a I2C interface for applications such as compassing and magnetometry with 1°to 2°heading accuracy. It is suitable for applications like navigation system, consumer electronics.

Requires socket Type I.

Features

- Gadgeteer socket type I
- 3-axis magneto-resistive type sensor
- Up to 116 Hz maximum output rate
- Built-in self test

Resources

- **Drivers**
- **Source Code**
- **Eagle Files**

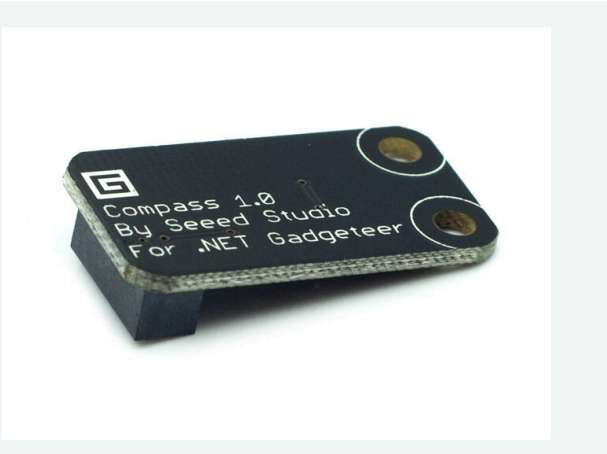
External Links

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

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Resource Links

- https://www.seeedstudio.com/Compass-Module-NET-Gadgeteer-Compatible-p-969.html

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