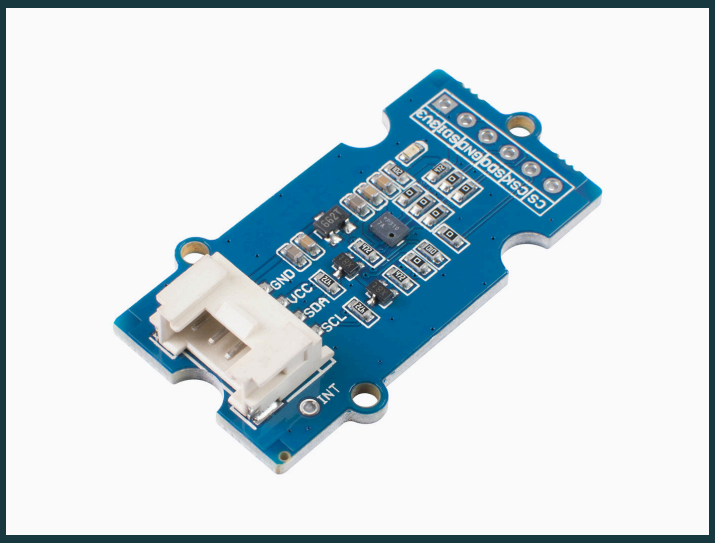
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INDUSTRIAL PRODUCT DATASHEET

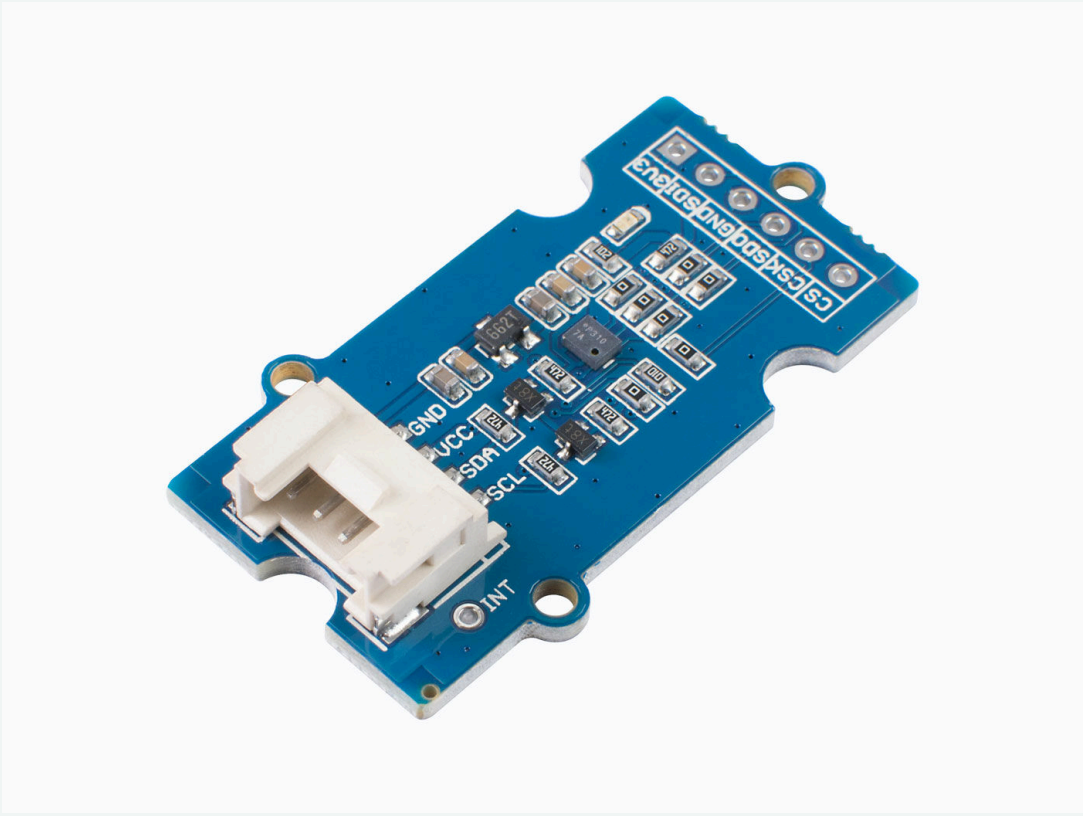
Grove - High Precision Barometric Pressure Sensor (DPS310)

Grove - DPS310 is a high precision barometric pressure sensor, it can measure air pressure change caused by height changes in the centimeter level.

SKU	UPDATED	PRICE
101020812	2026-11-11 08:23:48	$7.50(Excl. VAT)



Overview



Grove - DPS310 is a high precision barometric pressure sensor, it can measure air pressure change caused by height changes in the centimeter level.

Key Features

01 **High pressure precision**

± 0.002 hPa (or ±0.02 m)

02 **High pressure accuracy**

± 0.06 hPa (or ±0.5 m)-Relative; ± 1 hPa (or ±8 m)-Absolute

03 **Wide range**

Pressure: 300 –1200 hPa; Temperature: -40 – 85 °C.

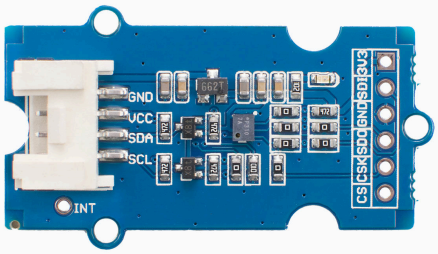
04 **Low power consumption**

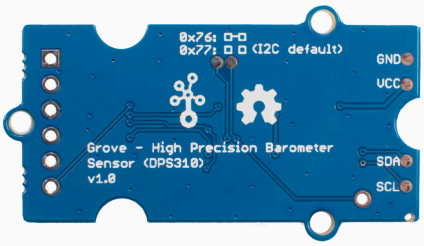
1.7 μA for Pressure Measurement, 1.5uA for Temperature measurement @1Hz sampling rate, Standby: 0.5 μA.

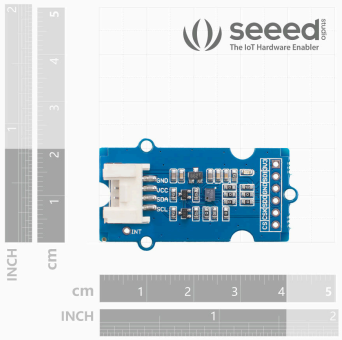
05 **Grove unified socket**

The sensor ensures "Plug and Play" and could be versatile for various applications

Product Gallery







Resource Links

- https://www.seeedstudio.com/Grove-High-Precision-Barometer-Sensor-DPS310-p-4397.html
- DPS310 Datasheet
- PCN-101020812-Grove - High Precision Barometer Sensor DPS310

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