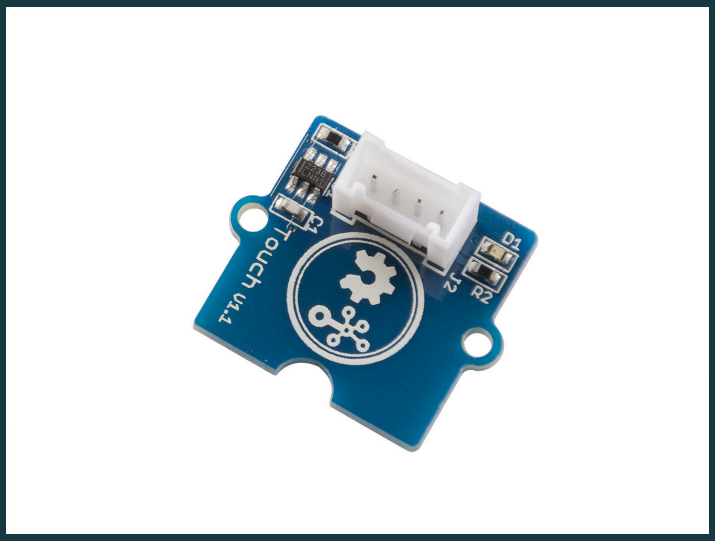
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INDUSTRIAL PRODUCT DATASHEET

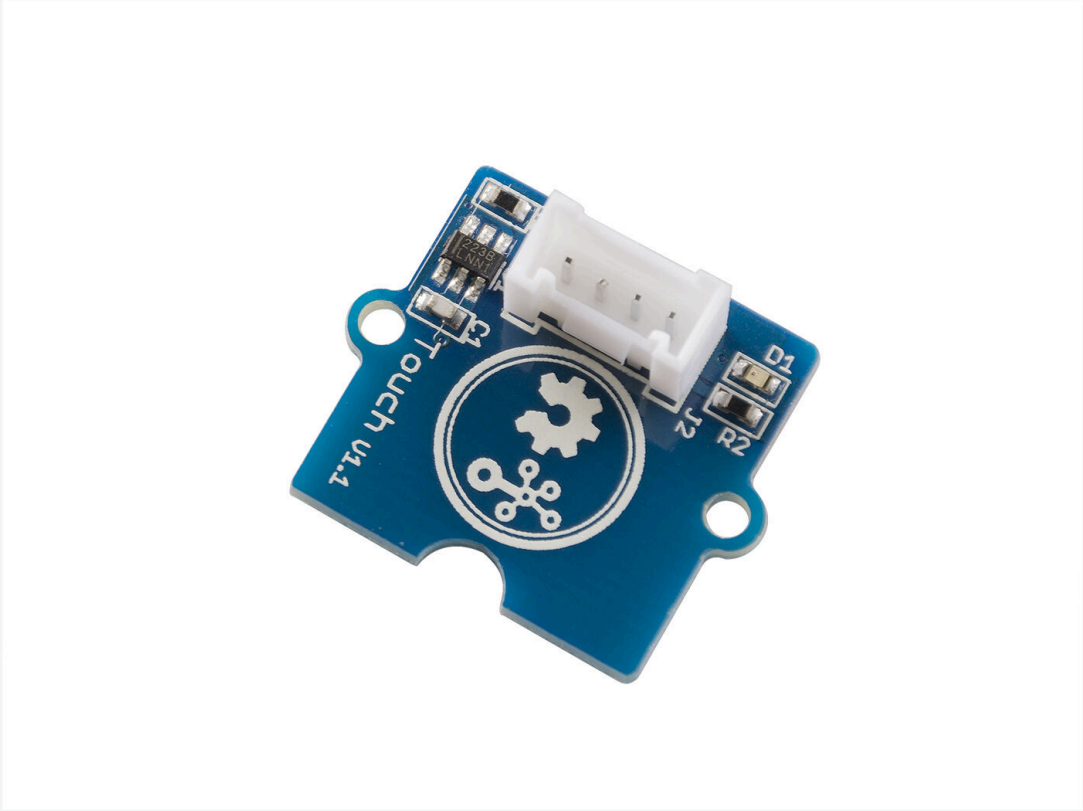
Grove - Touch Sensor

Grove - Touch Sensor enables you to replace press with touch.

SKU	UPDATED	PRICE
101020037	2026-11-11 07:38:21	$4.30(Excl. VAT)



Overview



Grove - Touch Sensor enables you to replace press with touch. It can detect the change in capacitance when a finger is near by.

Key Features

01 **Fast and Low power mode selection**

The TTP223 has Fast mode and Low Power mode to be selected. When the LPMB pin is opened or connected to VDD, the TTP223 runs in Fast mode. When the LPMB pin is connected to VSS, the TTP223 runs in Low Power mode.

02 **Rapid response**

Response time max about 60ms at fast mode, 220ms at low power mode

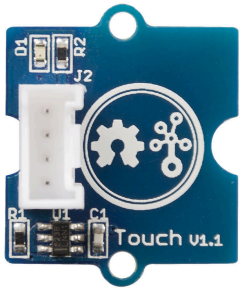
03 **Highly customizable**

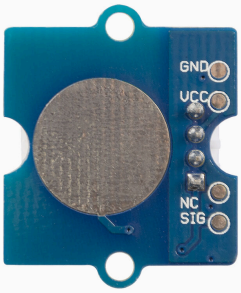
Sensitivity can adjust by the capacitance(0~50pF) outside

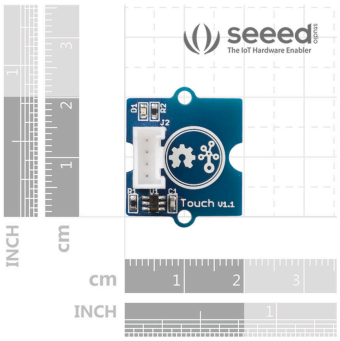
04 **Grove unified socket**

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

Product Gallery







Applications

- Inconspicuous button
- Waterproofed electric product
- Button key replacement
- Remote Switch
- IoT device
- Industrial control

Resource Links

- https://www.seeedstudio.com/Grove-Touch-Sensor.html
- Grove-Touch_Sensor Schematic
- TTP223
- CDC File

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