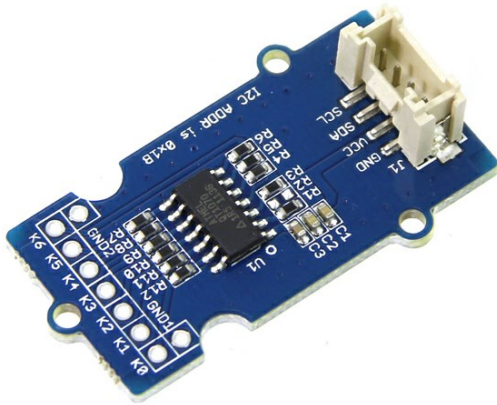




Grove-Q Touch Sensor

SKU 101020069



IN STOCK 5 Available

- 1 +

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Description

Best-sellers

Technical Details

Questions and Answers

View History

Description

The Q Touch Sensor is a high sensitivity and high noise immunity touch input device. It is based on Atmel AT42QT1070. The AT42QT1070 modulates its bursts in a spread-spectrum fashion in order to heavily suppress the effects of external noise, and to suppress RF emissions. The QT1070 uses a dual-pulse method of acquisition. This provides greater noise immunity and eliminates the need for external sampling capacitors, allowing touch sensing using a single pin.

Specification

- Operating Voltage: 3 ~ 5.5V
- Operating Current @3.3V: 1mA
- Touch Keys: 7 Keys ; key0 ,key1 ,key2 are on the Grove PCB bottom side
- Communicating Protocol: I2C
- I2C Address: 0x1B

Resource

- [Q Touch Library](#)
- [Schematic pdf](#)
- [Eagle file](#)
- [AT42QT107 datasheet](#)
- [How to detect finger touch](#)

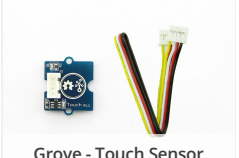
Documents

Please visit our [wiki](#) page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our [forum](#).

Best-sellers



Grove - I2C Touch Sensor



Grove - Touch Sensor



Base Shield V2

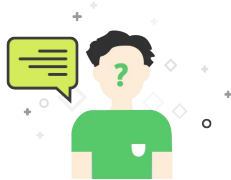


Grove - Moisture Sensor

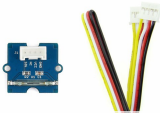
Technical Details

Dimensions	140mm x 85mm x 10.8mm
Weight	G.W 8g
Battery	Exclude

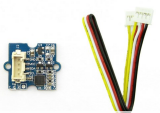
Have a question about this? Ask people who own it.



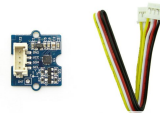
View History



Grove - Magnetic Switch



Grove - 3-Axis Digital Gyro



Grove - 3-Axis Digital Com...



Grove - Alcohol Sensor

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- Crazyflie 2.0
- Raspberry Pi 3 Model B
- RF Explorer
- DSO Nano v3
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- raspberry pi relay
- RPLIDAR A2



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