



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Gravity: Digital Capacitive Touch Sensor For Arduino

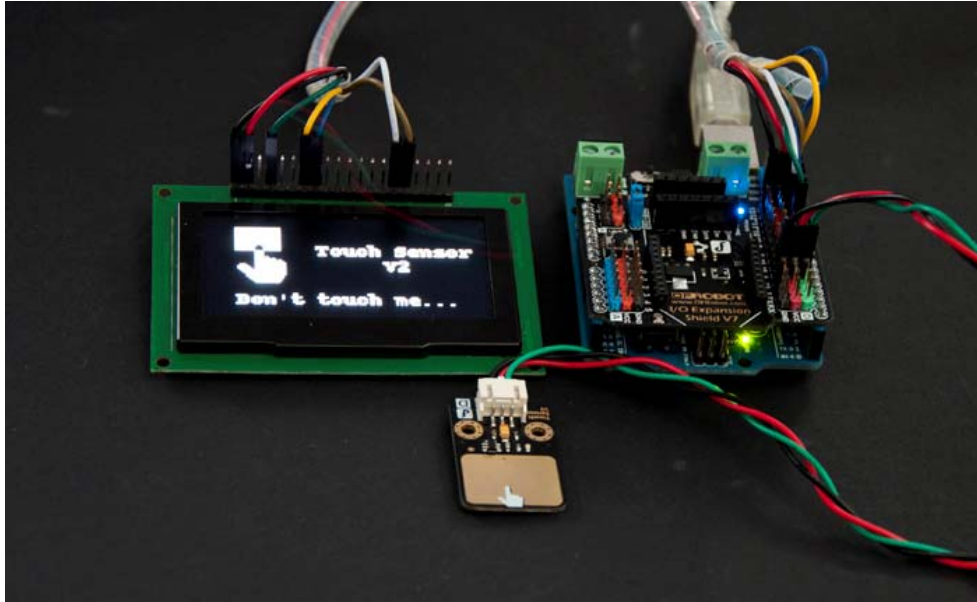
SKU:DFR0030 Brand:DFRobot

INTRODUCTION

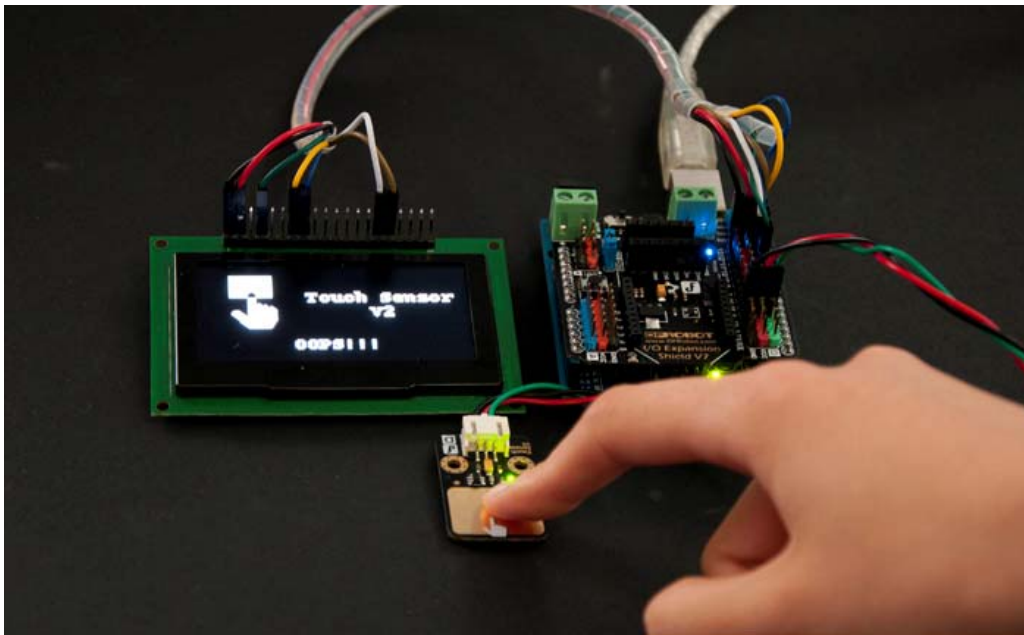
This capacitive touch sensor provides a one-touch style switch on your Arduino project. It uses the most popular capacitive sensing technology which is the same as your mobile phone.

Getting tired with clicking mechanic button? Try this capacitive touch sensor. Right now we can find touch sensor on most electronic device. So upgrade your Arduino project with our new version touch sensor and make it cool!!

This little sensor can "feel" people and metal touch and feedback a high/low voltage level. Even isolated by cloth or paper, it still can feel the touch. The sensitivity will decrease as the isolation getting thick. For detail of usage, please check it's wiki.



With this sensor Arduino can feel your touch



To ease the difficult of using this sensor, a [Gravity](#) Interface is adapted to allow plug&play. The [IO expansion shield](#) is the best match for this sound sensor connecting to your [Arduino](#). As this sensor can work at 3.3V which make it compatible with [Raspberry Pi](#), [intel edison](#), [joule](#) and [curie](#).

FEATURES

- Wide voltage range from 3.3V to 5V
- Standard assembling structure (two 3mm holes with multiple of 5cm as interval)
- Easily recognitive interfaces of sensors ("A" for analog and "D" for digital)
- Icons to simply illustrate sensor function
- High quality connector
- Immersion gold surface
- Specification

SPECIFICATION

- Supply Voltage: 3.3V to 5V
- Interface: Digital
- Size: 22x30mm (0.87 x 1.18 in)

SHIPPING LIST

- Capacitive Touch Sensor x1
- Digital cable x1