



Description:

ADIY Touch Sensors are used for controlling the system or device physically with the touch response of body to sensor. Digital Capacitive Touch Switch Module is based on TTP223B. Normally, it outputs low and keeps at low power state. When a touch is sensed on the circular marked region, it outputs high and switches to the quick response state. When not being touched for 12 seconds, it switches to low power state again.

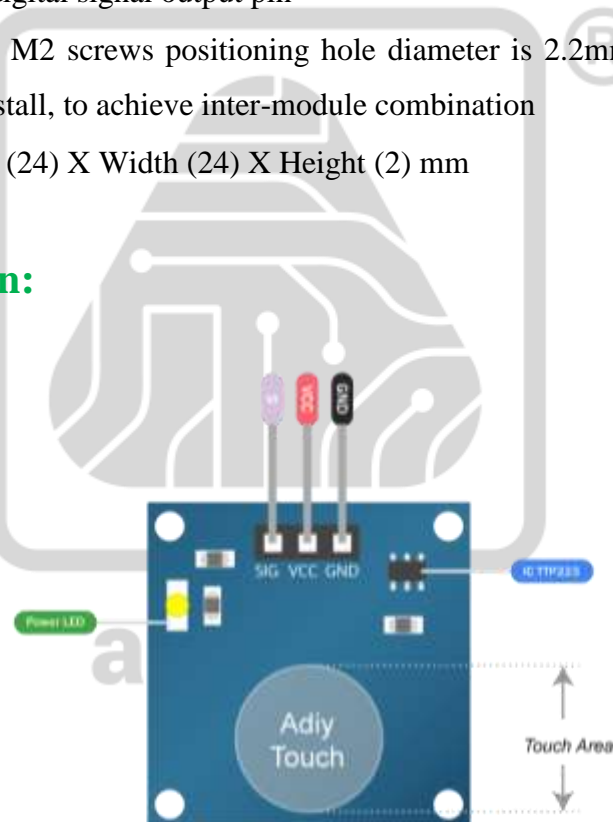
Features:

1. Low power consumption
2. Can replace the traditional touch of a button
3. Four M2 screws positioning holes for easy installation
4. On-board TTP223 capacitive touch sensor
5. IC Status indicator LED

Specifications:

- Power supply for 2 ~ 5.5V DC
- Output Pin Sink Current (@ VCC = 3V, VOL = 0.6V) : 8 Ma
- Output pin pull-up current (@ VCC = 3V, VOH = 2.4V) : 4 mA
- Power Indicator: Red LED, power on the right that is shiny
- Touch area: Similar to a fingerprint icon inside the area, you can touch the trigger finger
- Control Interface: A total of three pins (GND, VCC, SIG), GND to the ground, VCC is the power supply, SIG digital signal output pin
- Positioning holes: 4 M2 screws positioning hole diameter is 2.2mm, the positioning of the module is easy to install, to achieve inter-module combination
- Dimensions: Length (24) X Width (24) X Height (2) mm

Pin Configuration:



VCC: 5V Power supply

GND: Ground

S: Signal pin

Advantages:

- Detects touch or near proximity without relying on physical contact
- Small size
- Low cost

Applications:

- Control panel
- Home applications
- Automotive and Industrial usages

