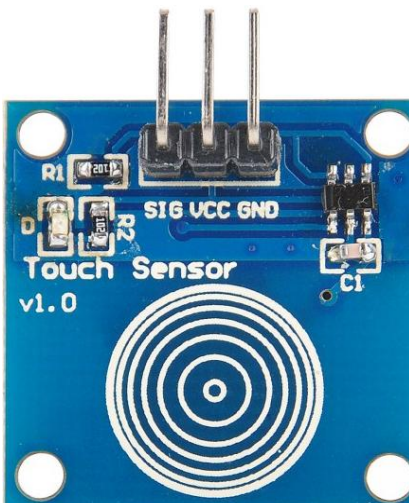


TTP223 Capacitive Touch Sensor Module



This TTP223 Capacitive Touch Sensor module is based on a touch-sensing IC (TTP223B) capacitive touch switch module. It is a touch pad detector IC which offers 1 touch key. The touching detection IC is designed for replacing traditional direct button key with diverse pad size. When a finger touches the corresponding position, the module output high, if not touched for 12 seconds, switch to low-power mode.

SPECIFICATIONS:

- IPower supply voltage VCC: 2.0 3 5.5 V
- Output high VOH: 0.8VCC
- Output low VOL: 0.3VCC
- Output Pin Sink Current (@ VCC = 3V, VOL = 0.6V): 8mA
- Output pin pull-up current (@ VCC = 3V, VOH = 2.4V): 4mA
- Response time (low power mode): 220mS
- Response time (touch mode): 60mS Operating voltage: 3.3V-5V

FEATURES:

- Low power consumption
- Power supply for 2 ~ 5.5V DC
- Can replace the traditional touch of a button
- Four M2 screws positioning holes for easy installation

APPLICATION:

- Wide consumer products
- Water proofed electric products
- Button key replacement

PINOUT:

