

TTP223B Digital Touch-Sensor



The module is a touch based touch detection IC (TTP223B) of the capacitive touch type touch-type switch module. Normally, the module output low level, the mode is low power mode; when you touch the corresponding position with the finger, the module will output high, the mode switch to fast mode; when not touched for 12 seconds, the mode switch to low Power consumption mode. The module can be installed in non-metallic materials such as plastic, glass surface, the other will be a thin piece of paper (non metallic) cover the surface of the module, as long as the touch location, can be made hidden in the walls, button. The module allows you to eliminate the trouble of conventional push type keys.

Module features are as follows:

Jog type: the initial state is low, the touch is high, do not touch the low (similar to the touch button function)

Low power consumption

Power supply can be 2 ~ 5.5V DC

Positive and negative can be used as a touch surface, can replace the traditional touch button
4 M2 screw positioning holes for easy installation

Application Show:

Action Note: touch the first touch-type touch sensor, and then hold down the touch-type touch sensor a little longer, you can achieve the lamp shining and long light;

Control interface: a total of 3 pins (GND, VCC, SIG), GND to ground, VCC for the power supply, SIG for the digital signal output pin;

Power indicator: green LED, lit right when power on;

Touch area: similar to the internal area of the fingerprint icon, finger touch to trigger.

Positioning holes: 4 M2 screw positioning holes, aperture of 2.2mm, the module easy to install and locate, to achieve inter module combination