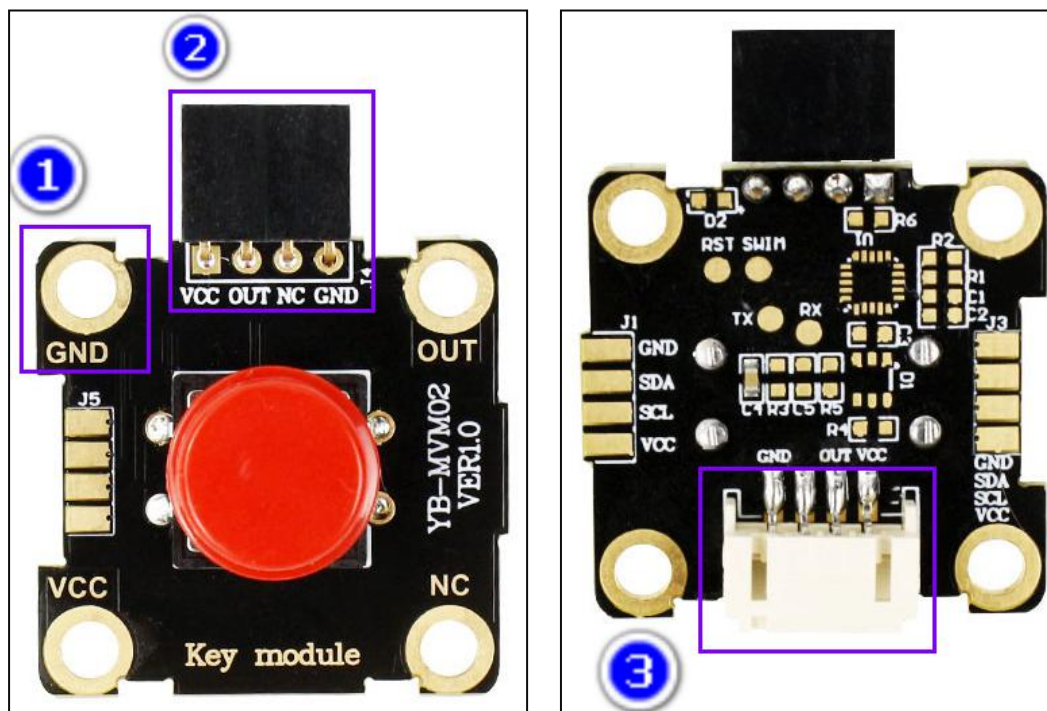# Introduction of Button Module

1. Working principle

This button module belongs to a self-reset type button. When the button is pressed(the triggering), that is, OUT and GND are connected, when the button is released, OUT is in a floating state.

When we set the OUT pin to the pull-up input, use the multimeter to test the OUT pin, it is high. When the button is pressed, the OUT pin become LOW, when the button is released, the OUT pin become HIGH.

2.Practical application

2.1 As a keyboard

2.2 As a key switch

2.3 Doorbell button

3.About module

3.1 Button module possess 4 Alligator clip port, Corresponding to GND, VCC, NC and OUT. The OUT pin is the signal output pin of the button module.

3.2 4 pin female socket are reserved, which can be used after welding.

3.3 PH2.0 cable interface.

When the button is pressed, the OUT pin become LOW, when the button is released, the OUT pin become HIGH.

Working Voltage: 3.3V/5V