

## Touch Switch Parts List

1. TTP223 Touch Sensor 999 for 10

[https://www.amazon.com/gp/product/B01LWKFS7L/ref=ppx\\_yo\\_dt\\_b\\_search\\_asin\\_title?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B01LWKFS7L/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1)

2. 100 ohm Resistor 499 for 100

[https://www.amazon.com/gp/product/B07QKDSCSM/ref=ppx\\_yo\\_dt\\_b\\_search\\_asin\\_title?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B07QKDSCSM/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1)

3. PC817C Optocoupler 899 for 50

[https://www.amazon.com/gp/product/B0833TN6VZ/ref=ppx\\_yo\\_dt\\_b\\_search\\_asin\\_title?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B0833TN6VZ/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1)

4. 3.5mm Male Cable 1499 for 10

[https://www.amazon.com/gp/product/B082VVPTN6/ref=ppx\\_yo\\_dt\\_b\\_search\\_asin\\_title?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B082VVPTN6/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1)

5. DC Male Power Cable 899 for 10

[https://www.amazon.com/gp/product/B07C7VSRBG/ref=ppx\\_yo\\_dt\\_b\\_search\\_asin\\_title?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B07C7VSRBG/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1)

6. Zip Ties 549 for 100

[https://www.amazon.com/TR-Industrial-TR88301-Multi-Purpose-Cable/dp/B01018DB2E/ref=sr\\_1\\_4?crid=2F6Y517DKVSVH&keywords=zip+ties+small&qid=1668401320&srefix=zip+ties+small%2Caps%2C125&sr=8-4](https://www.amazon.com/TR-Industrial-TR88301-Multi-Purpose-Cable/dp/B01018DB2E/ref=sr_1_4?crid=2F6Y517DKVSVH&keywords=zip+ties+small&qid=1668401320&srefix=zip+ties+small%2Caps%2C125&sr=8-4)

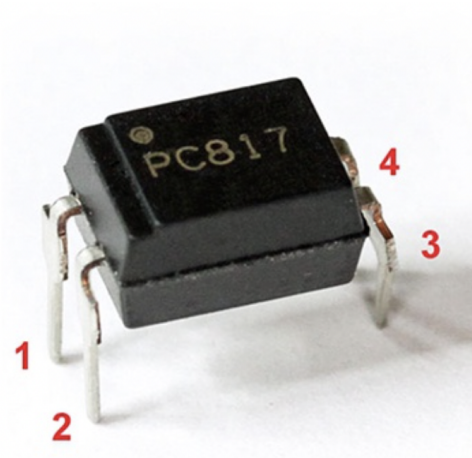
7. 3D Printed Case

<https://www.thingiverse.com/thing:5628657>

8. 5V Power Supply 1099 for 2

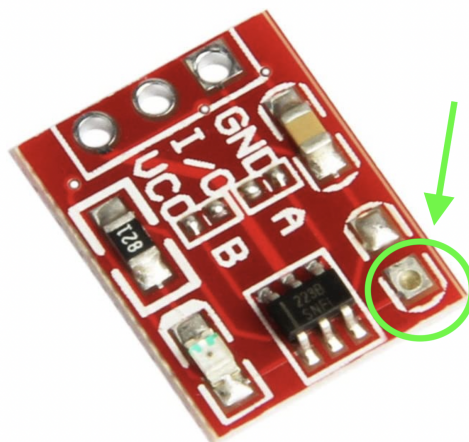
[https://www.amazon.com/gp/product/B08722QC75/ref=ppx\\_yo\\_dt\\_b\\_search\\_asin\\_title?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B08722QC75/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1)

### Optocoupler Pinout



- 1- 100 ohm Resistor
- 2-Ground
- 3-3.5mm Switch
- 4-3.5mm Switch

### Touch Capacitor Wiring



Attach an 8 inch length of 26 Gauge wire to the area in the green circle.

Wiring Schematic

