Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

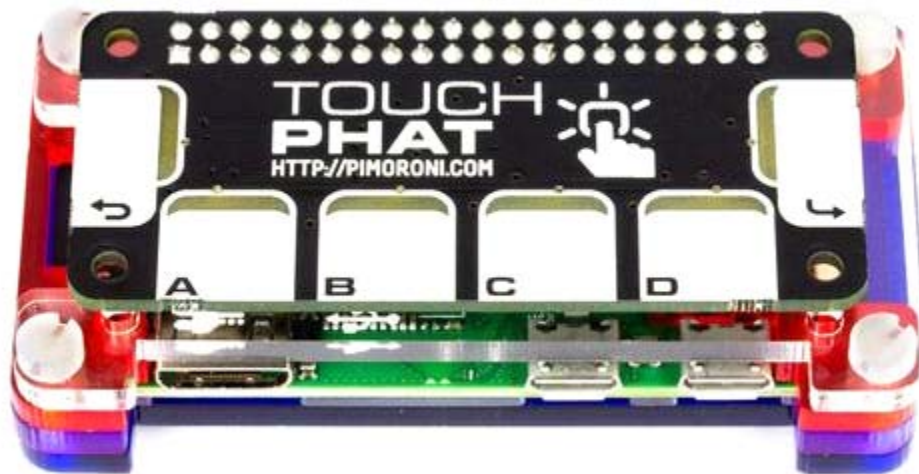Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
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Touch pHAT

PIM272

Six touch-sensitive buttons to use for whatever your heart desires, with added LEDs (did you expect anything less?)

Touch pHAT has six capacitive touch buttons, each with a bright white LED, designed to be completely agnostic about what they're used for. You can even use a dry erase pen to write on the pads to label their function.

It uses the CAP1166 capacitive touch and LED driver chip. The LEDs have been under-mounted and shine through exposed sections of the PCB to give a pleasing yellow-green glow and a completely smooth top surface!

Use Touch pHAT as a controller for your robot, a controller for your Mote lights, a tiny drum machine, or use it to build a simple game where you have to taps the buttons to repeat the sequence of lights that just flashed.

Features

- Six capacitive touch buttons
- Six bright white under-mounted LEDs
- Microchip CAP1166 capacitive touch and LED driver chip
- Touch pHAT pinout https://pinout.xyz/pinout/touch_phat#
- Compatible with Raspberry Pi 3, 2, B+, A+, Zero, and Zero W
- Python library https://github.com/pimoroni/touch-phat
- **Female header requires soldering**

Software

Our handy one-line installer will install the Touch pHAT Python library for you. We've included a couple of examples too, to show off what you can do with Touch pHAT.