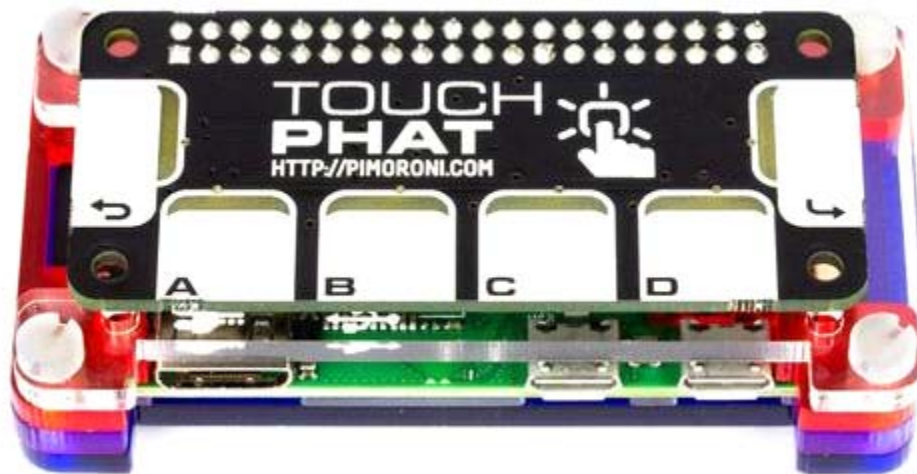


## Touch pHAT

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#](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.