These twelve capacitive sensing electrodes can detect touch and proximity. With gold edge plating and 3.2mm holes they are easy to clip to, paint onto with Electric Paint or solder to.

This connects to any Raspberry Pi with a 40-pin GPIO connector (all of the modern models).

Active low, red connected to J8.31, green to J8.29, blue to J8.37. Beautifully colour balanced and shines through a mounting hole on the Pi for screenless status updates.

Seven of the pins that we don’t use are taken from the GPIO header and broken out for you to connect to.

Great for grounding shielded cable and for clipping oscilloscope probes or multimeter leads to when debugging your project.

Active low, connected to J8.7. Requires the Pi’s onboard pullup resistor to be enabled in software. Useful for shutting down or restarting the Pi properly.

The Pi Cap works with Raspberry Pi A+, B+, Zero and later.