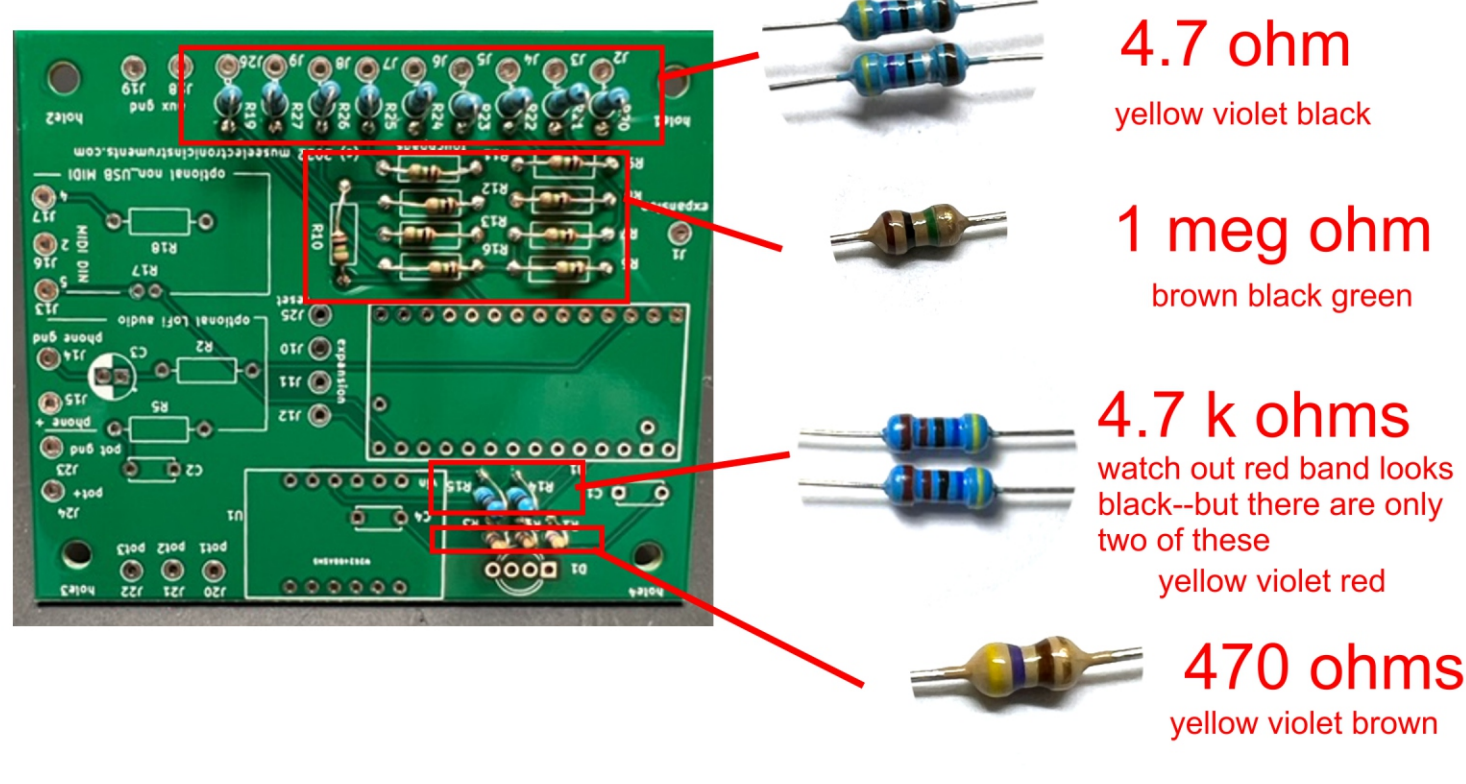
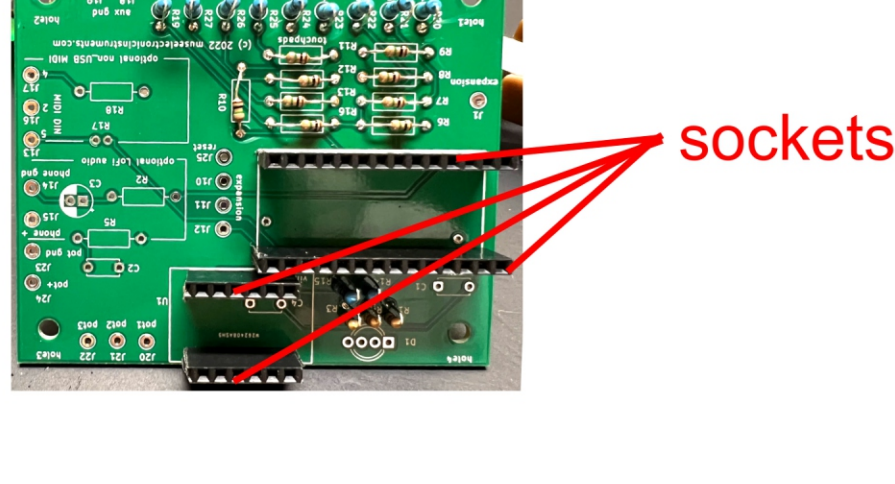


STEP 1 place and solder resistors

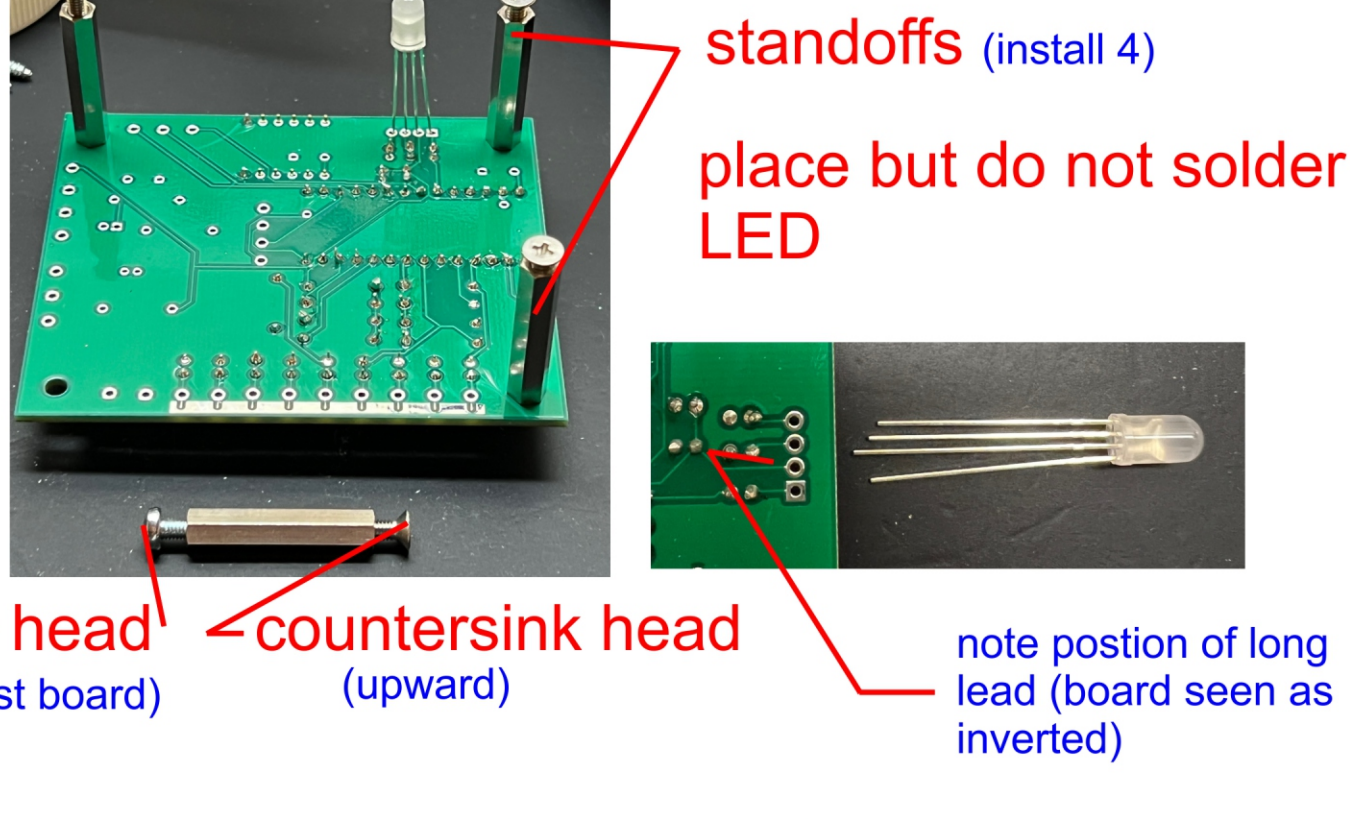


STEP 2 place and solder pin sockets

Important: solder one pin on each socket then check alignment before soldering the rest



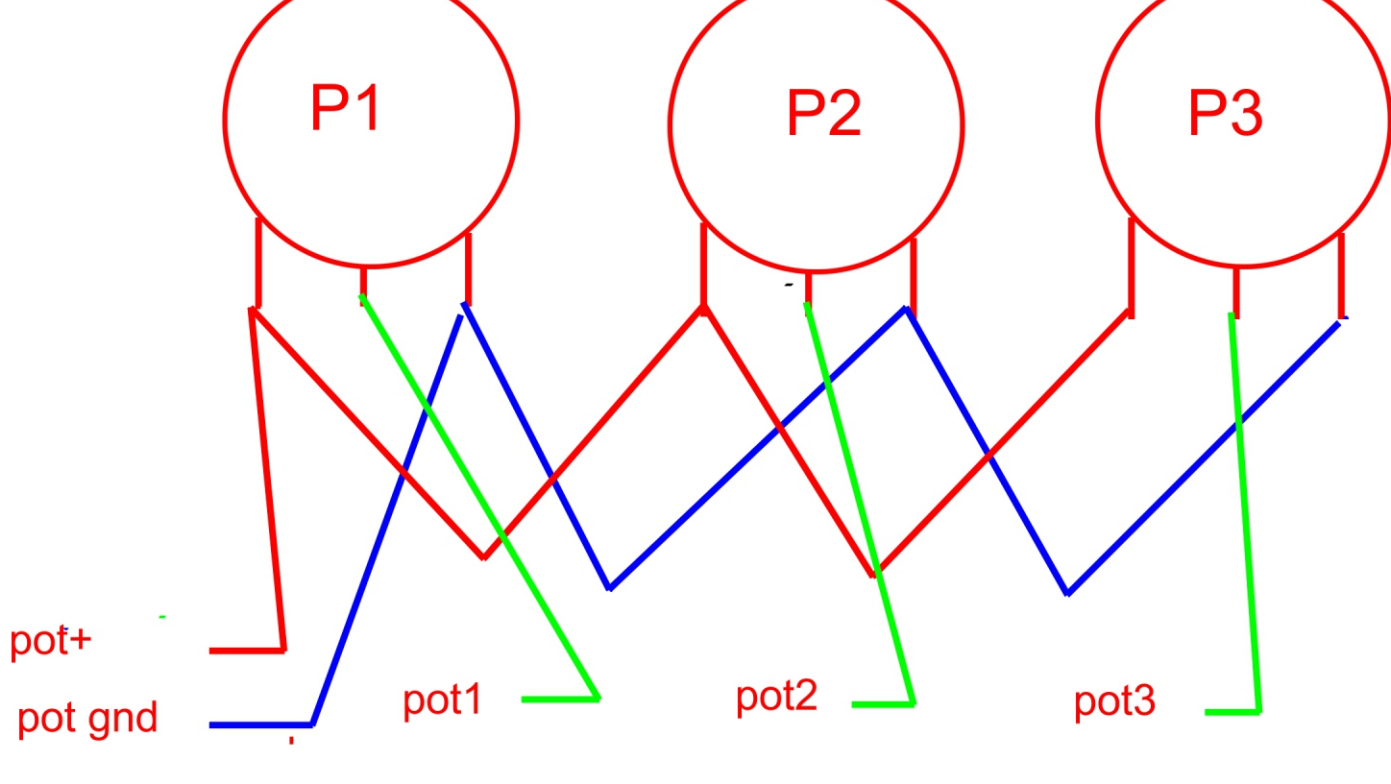
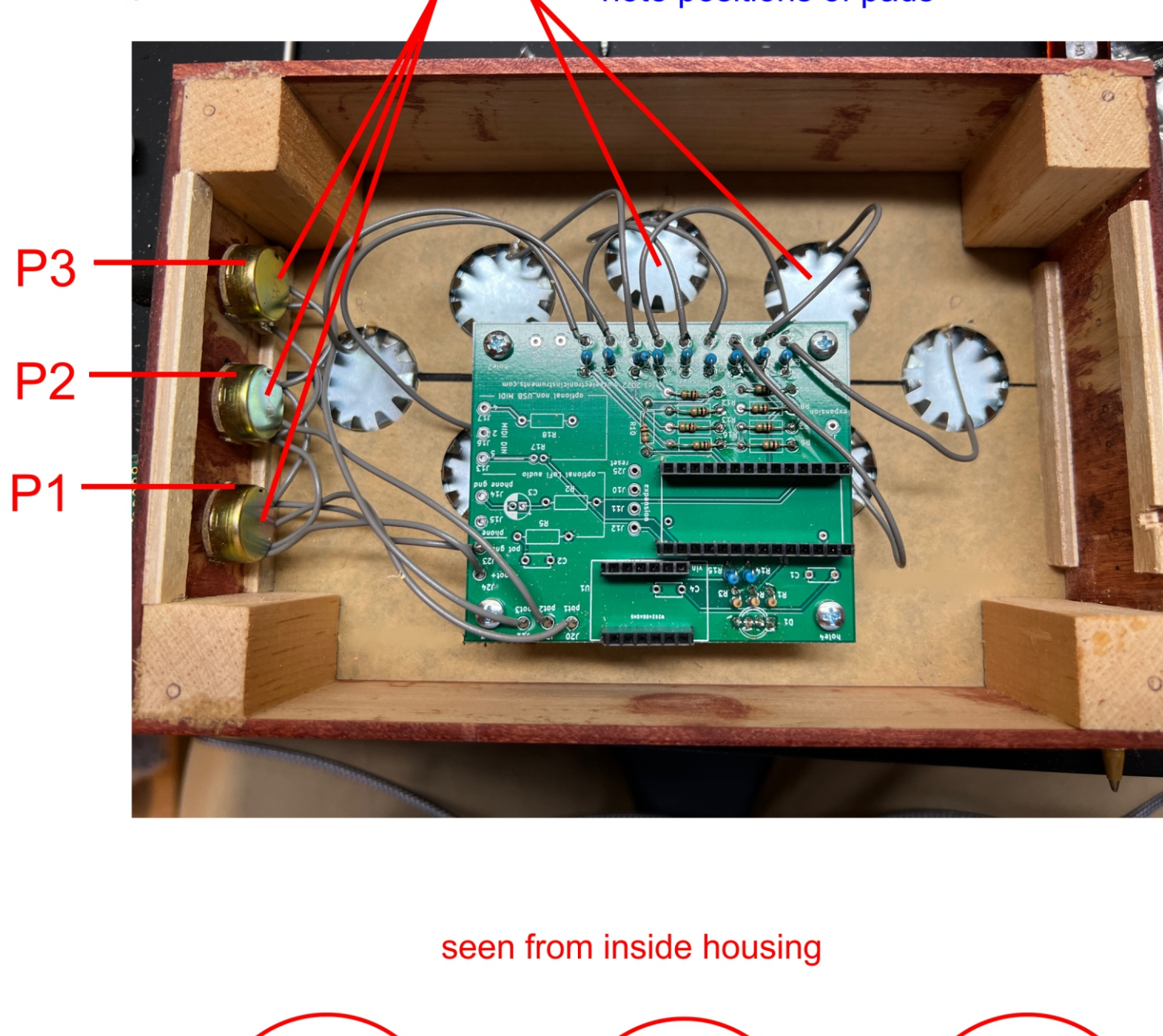
STEP 3 invert board and install standoffs



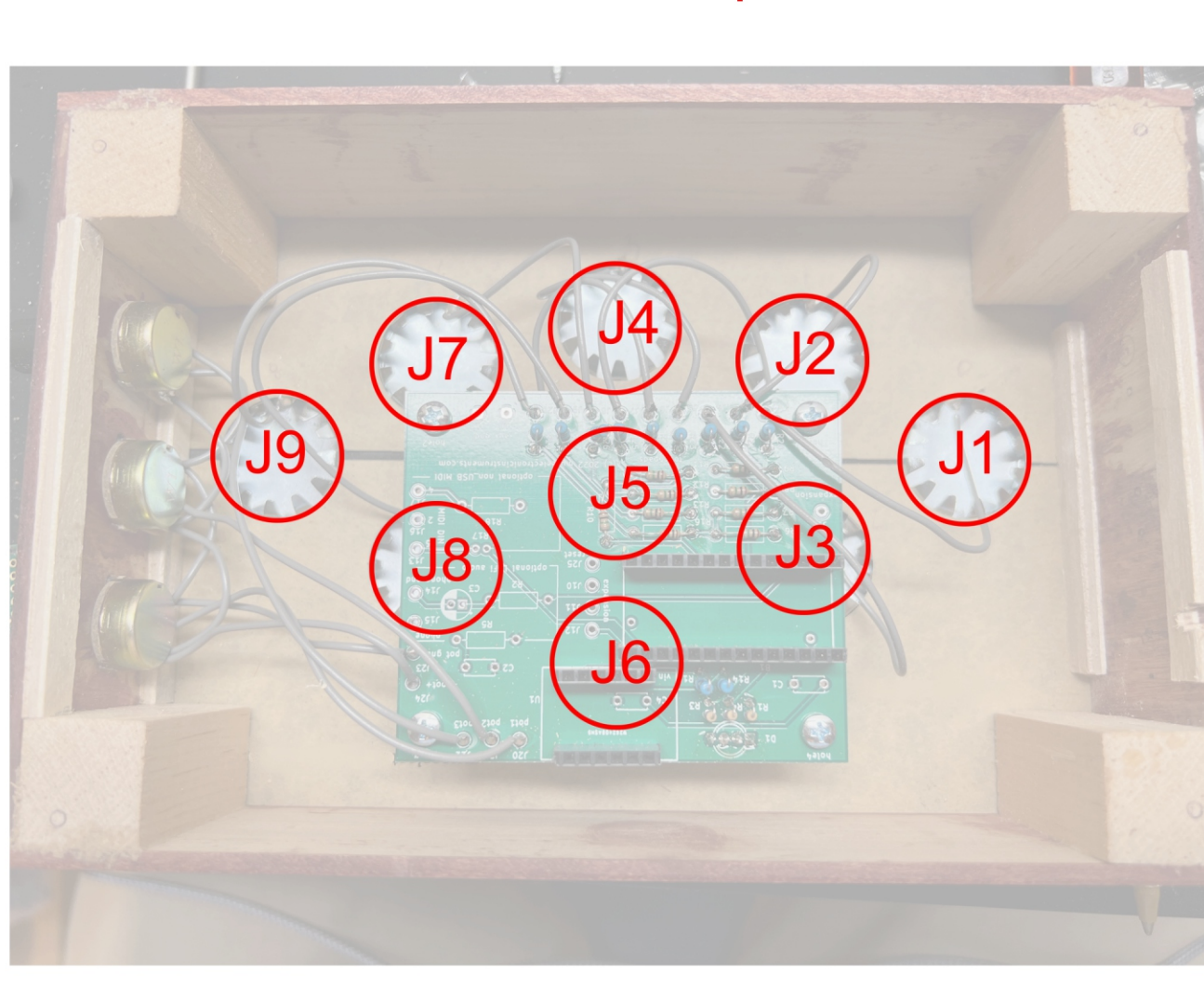
STEP 4 attach board to underside of front panel to position LED height and alignment and solder LED



STEP 5 loosely place board on panel to measure and cut potentiometer leads



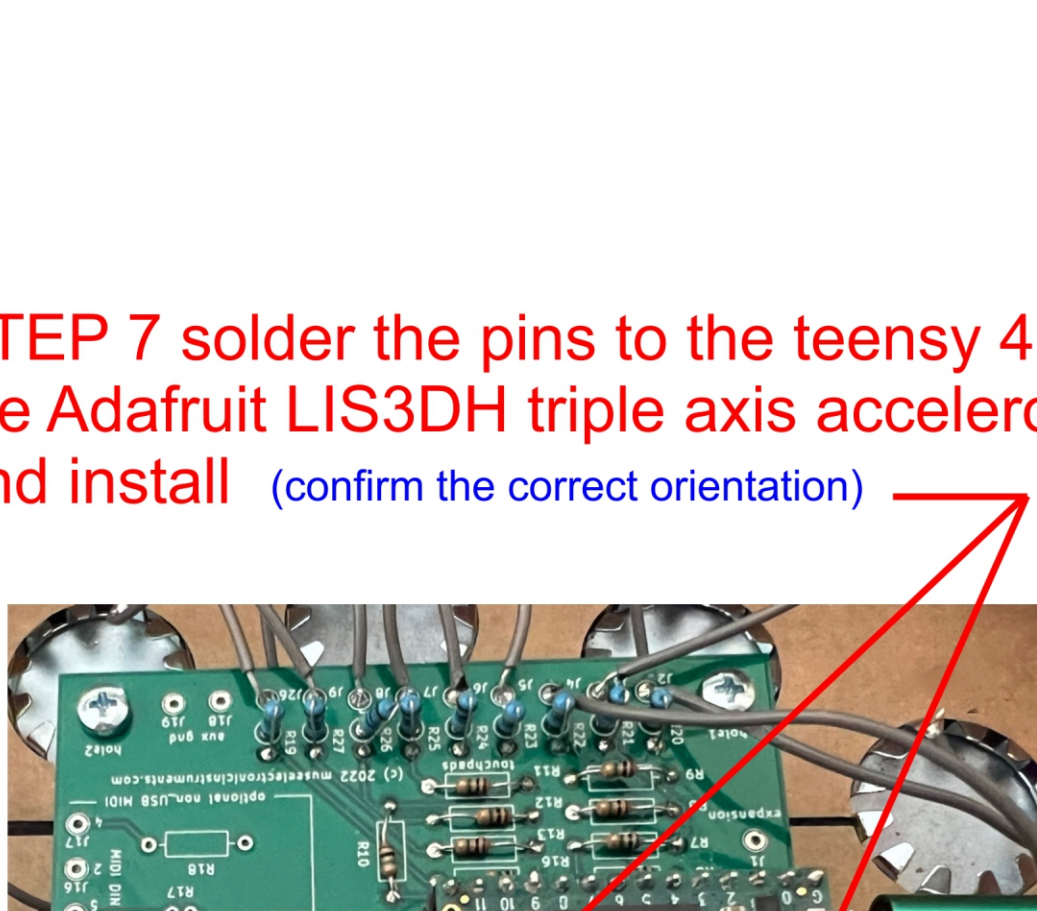
STEP 6 solder leads to pads



Note: the pads are strong heat sinks so it is best to tin (solder) a tip of one of the prongs with a hot iron and then tin the wire, then heat them together. Remove the pad from the plastic panel to avoid heat damage then insert back into panel.

Note: do not bundle the wires together as may increase capacitive cross-talk but leave them loose and crossing.

STEP 7 solder the pins to the teensy 4.0 and the Adafruit LIS3DH triple axis accelerometer and install (confirm the correct orientation)



STEP 8 load the latest software using the Teensyduino add on for the Arduino IDE

<https://www.pjrc.com/teensy/teensyduino.html>

https://www.pjrc.com/teensy/td_download.html

