DIY Macro-Pad Series

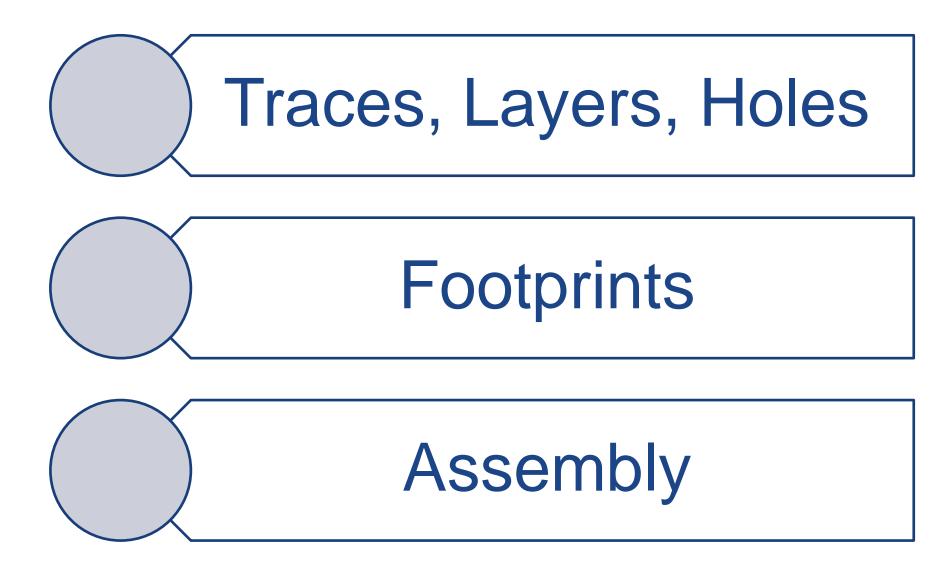
Pitt Makerspace Workshop

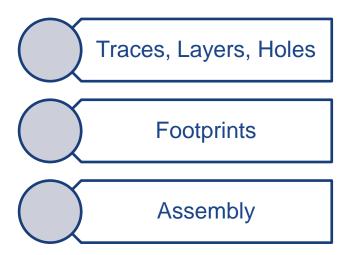
PCB Design & Manufacture

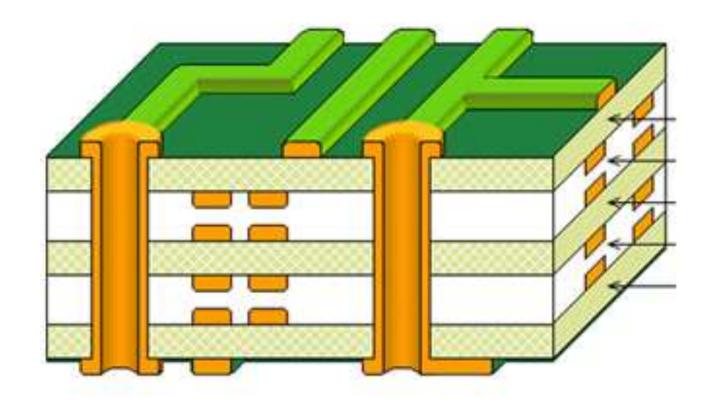
Cases, Keys, and Caps

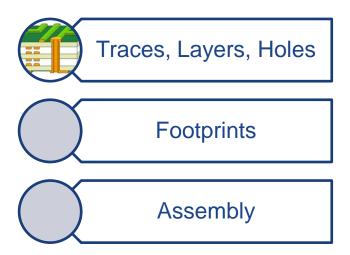
Soldering and Software

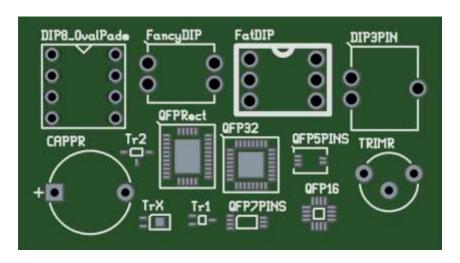


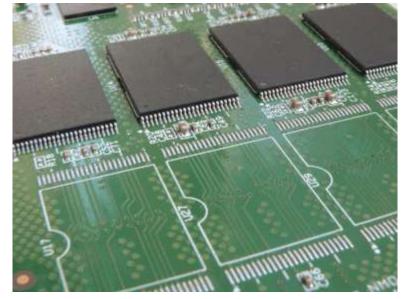










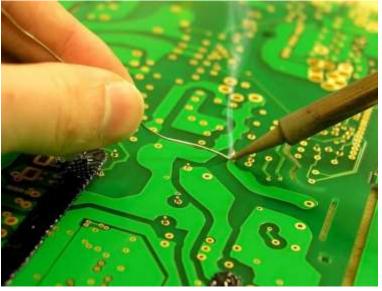


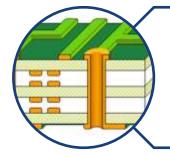




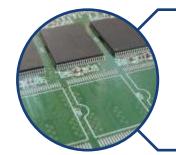








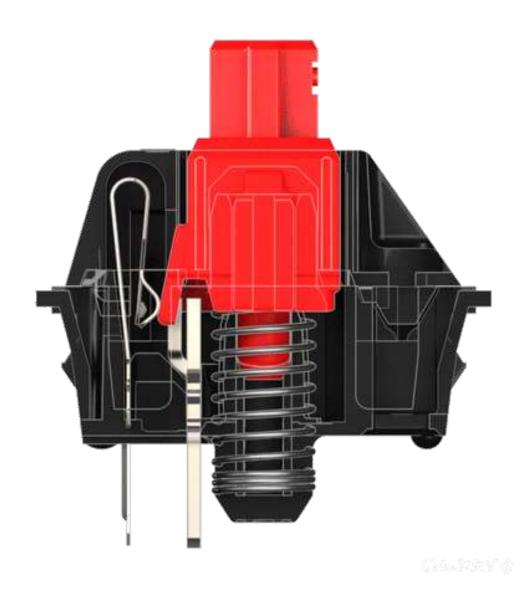
Traces, Layers, Holes

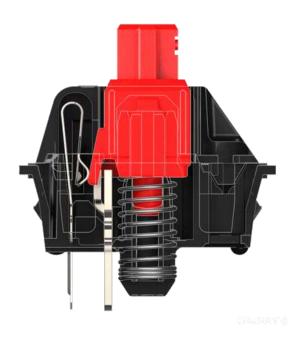


Footprints

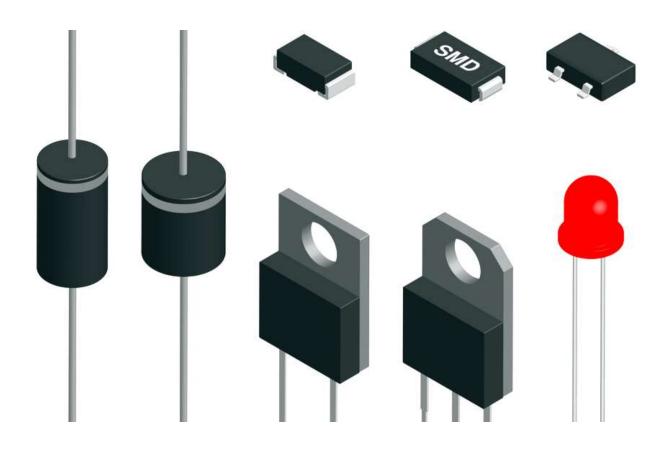


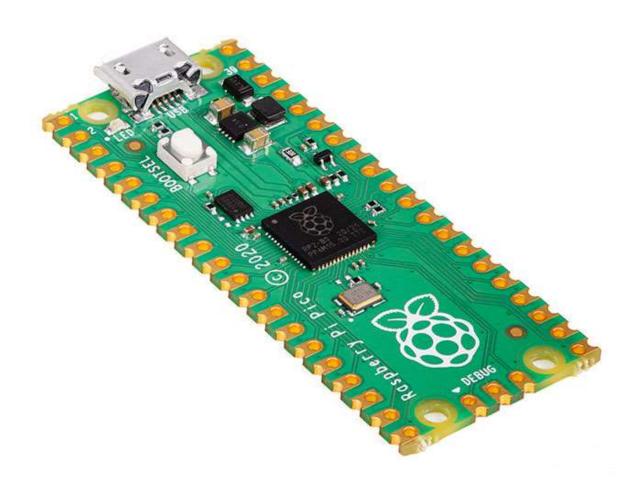
Assembly



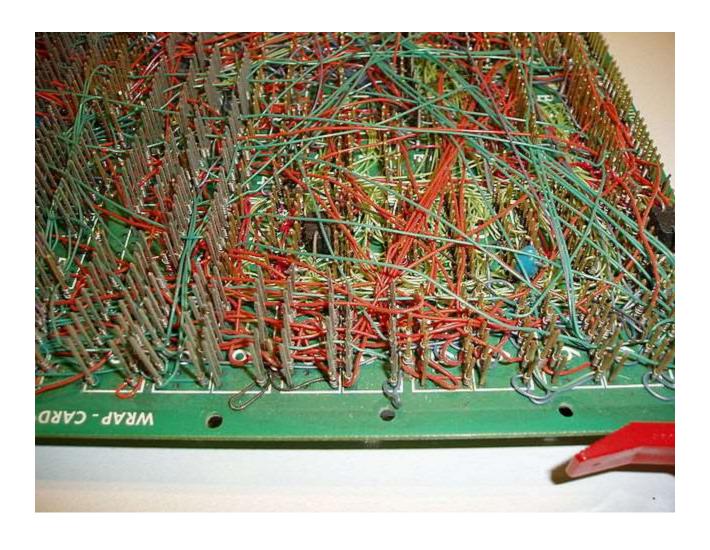




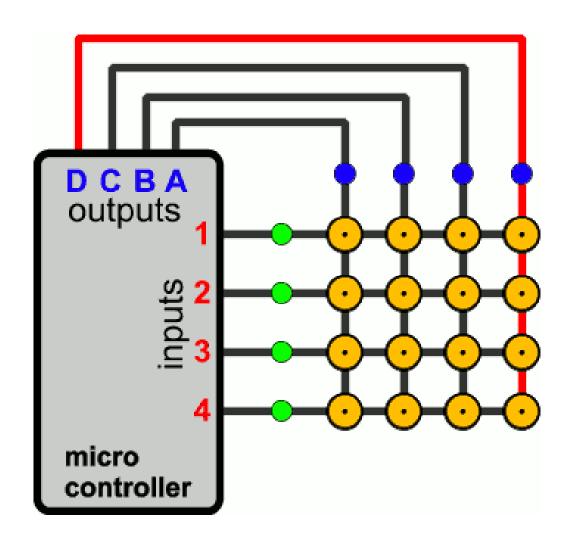


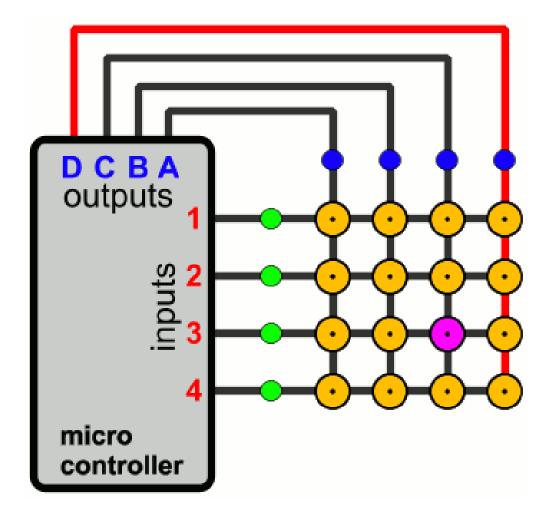


Keyboard Designs

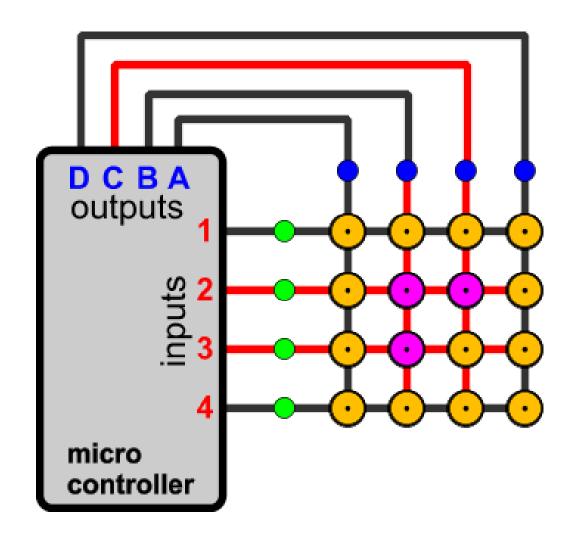


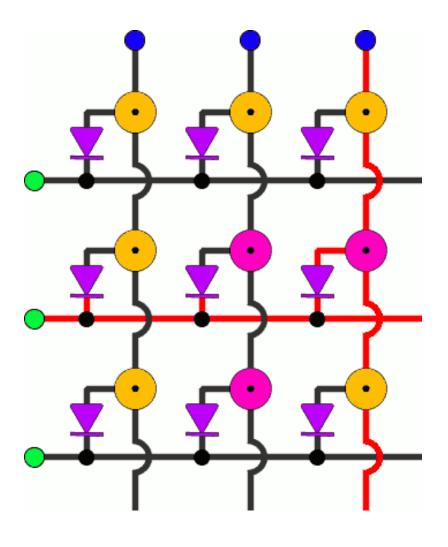
Key Matrix





Diodes & Ghosting





Design Software(s)









Methods of Manufacture

- Othermill
- JLCPCB/PCBWay/etc.
- Silkscreening
- Acid Etching
- Hand-wire









