

a 1n4148 diodes x4
Orange with stripes. Place black stripe on negative side.

b 10k0hm resistor
Blue with distinguishing red stripe. Place in any direction.

c 1000hm resistors x3
Blue with stripes, no red. Place in any direction.

e pins
Solder pins to RaspberryPi first. Place pins through PCB. Solder from the back.

f RP2040
Raspberry pi

i keys
If not using hot swaps, solder to directly. Otherwise, snap in.

d hot swaps x4
Optional. Place on back of board. Position is marked.

h LEDs x3
Place short leg on negative side (square holes).

g switch
Place black switch facing out.

j slider/fader

