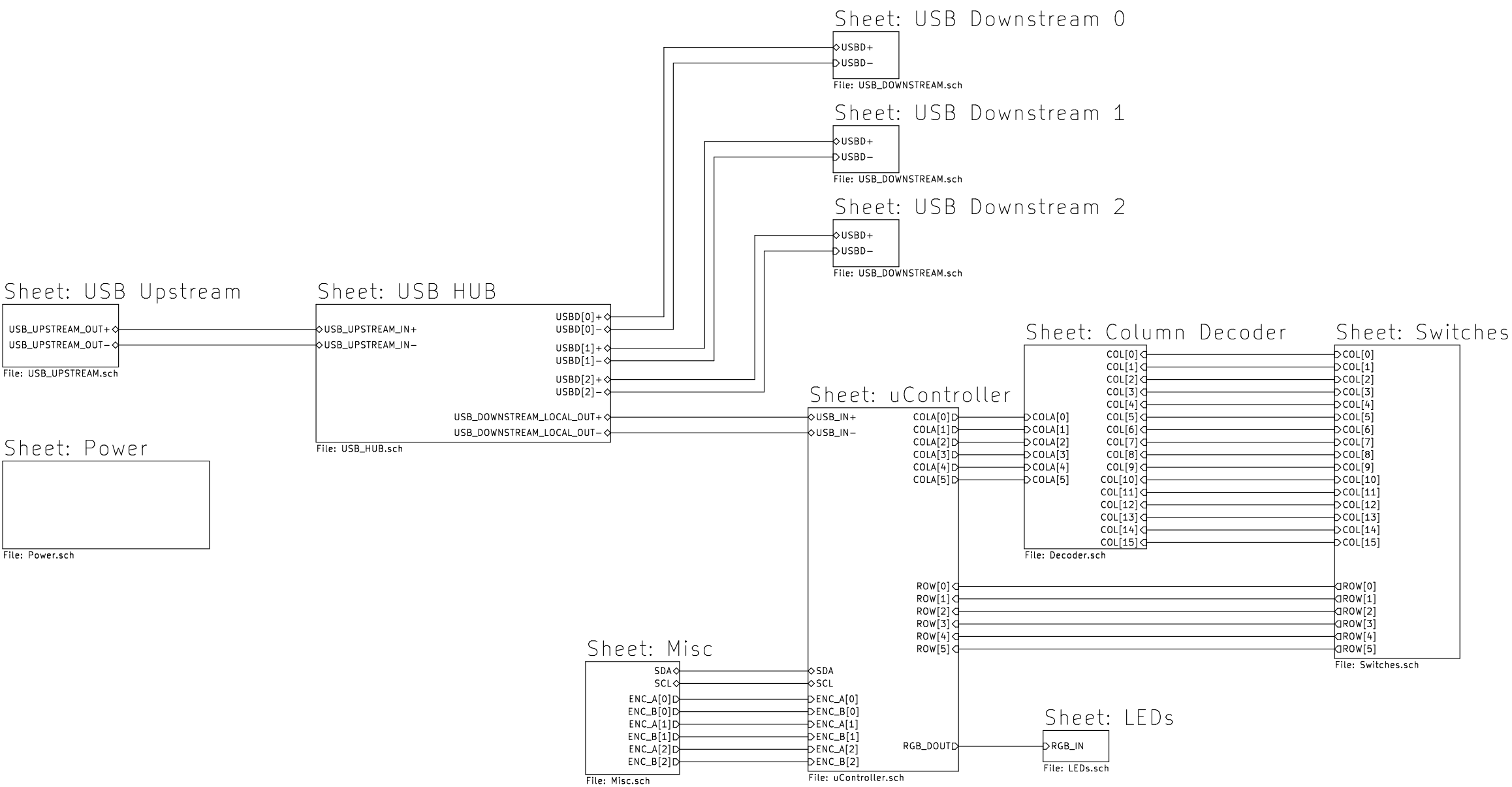
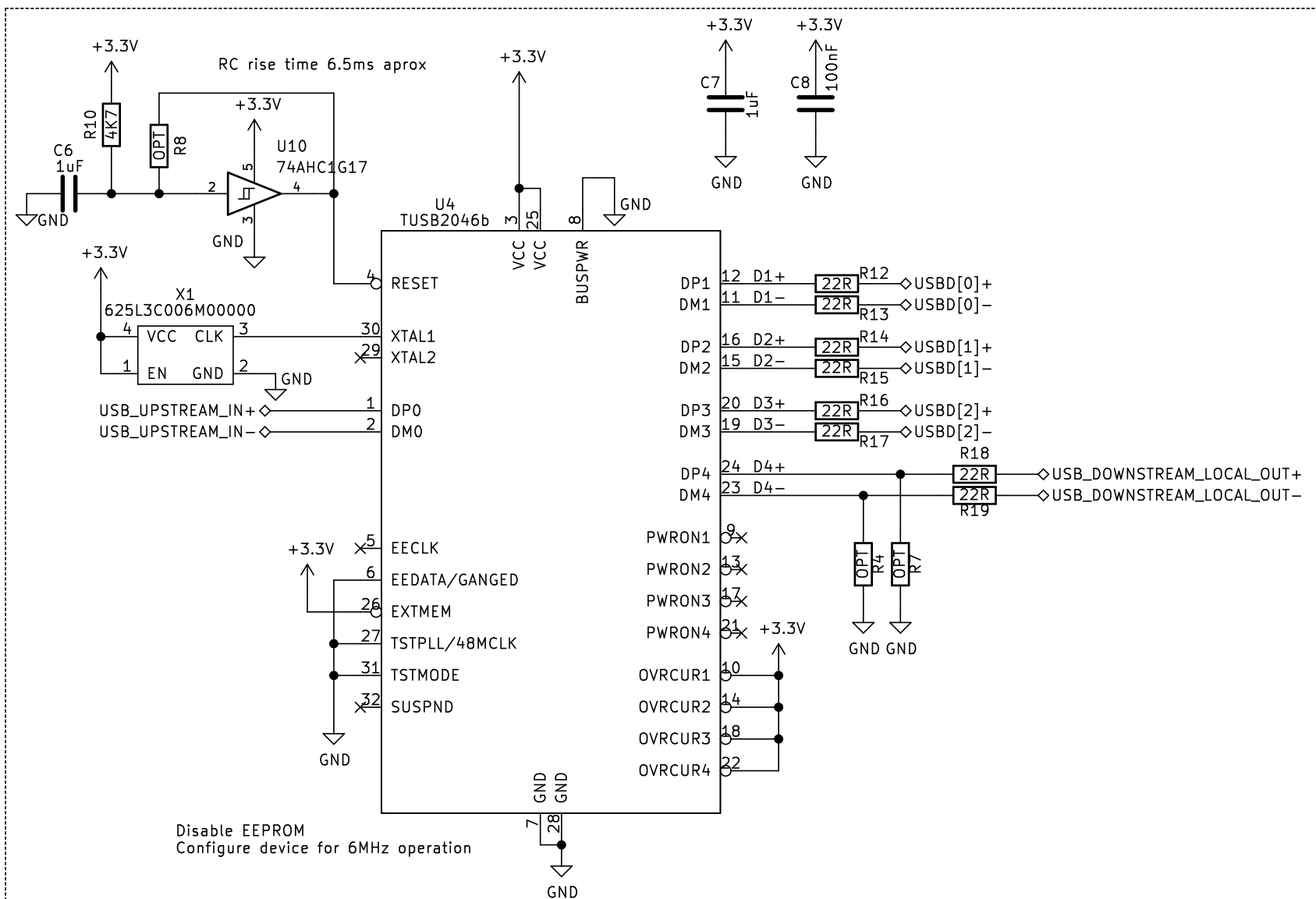


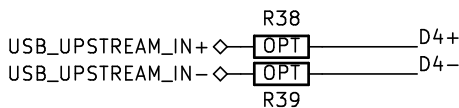
# TKL KEYBOARD



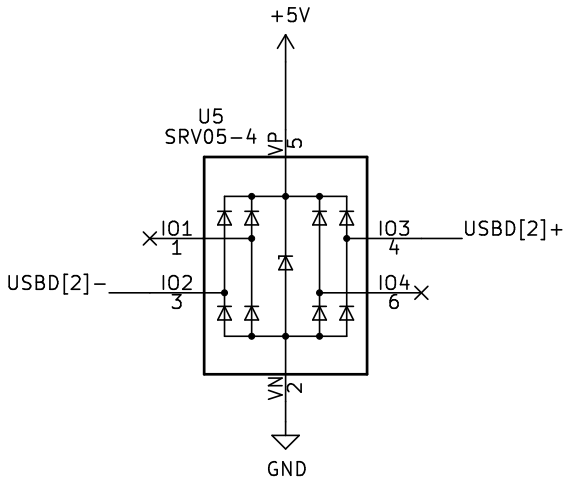
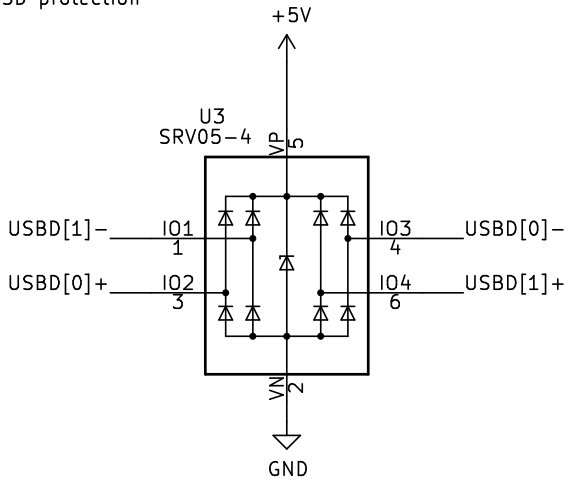
# USB HUB



Optionals to bypass USB HUB



ESD protection



Sheet: /USB HUB/  
File: USB\_HUB.sch

**Title: TKL Keyboard**

Size: A4  
KiCad E.D.A. kicad (5.1.8)-1

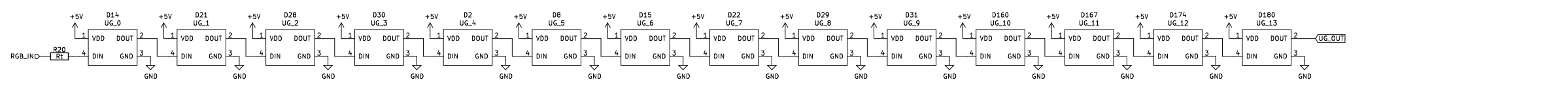
Date:

**Rev: 0**

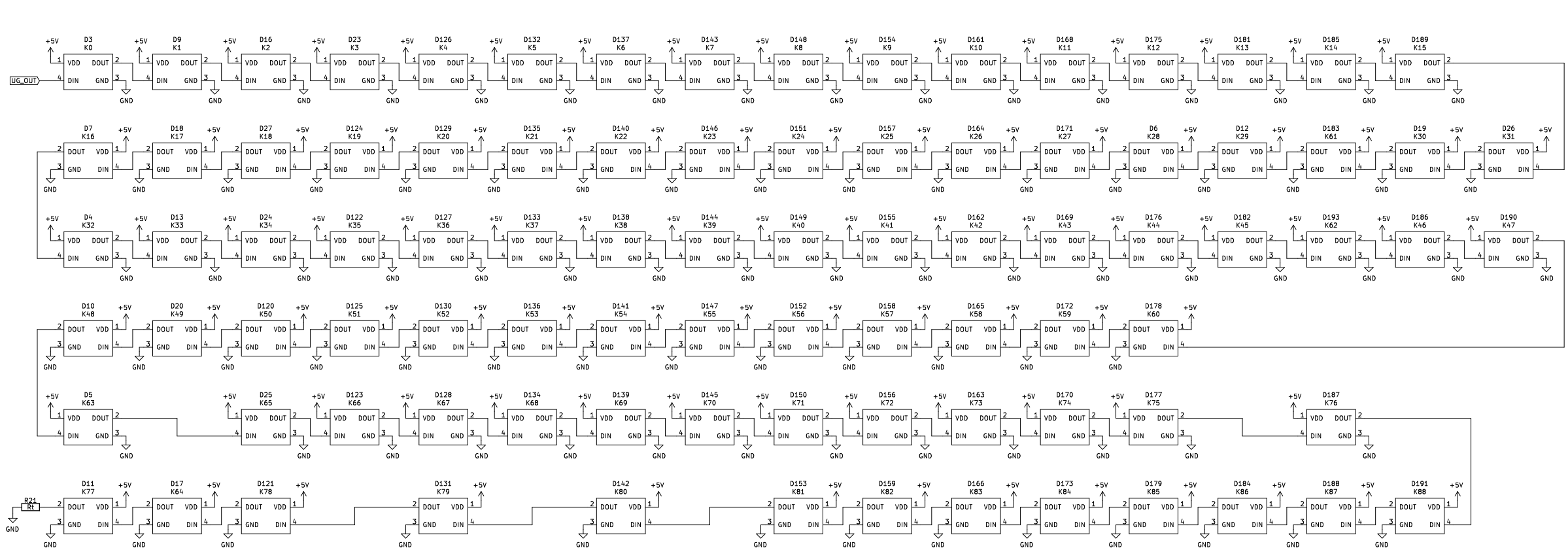
Id: 2/12

LEDs

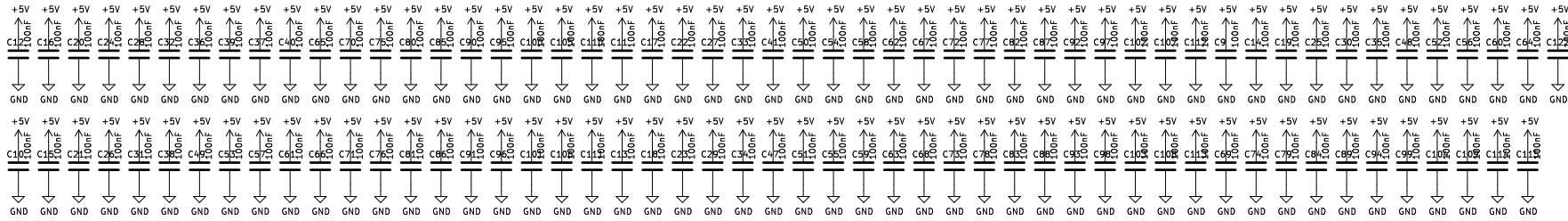
Under glow



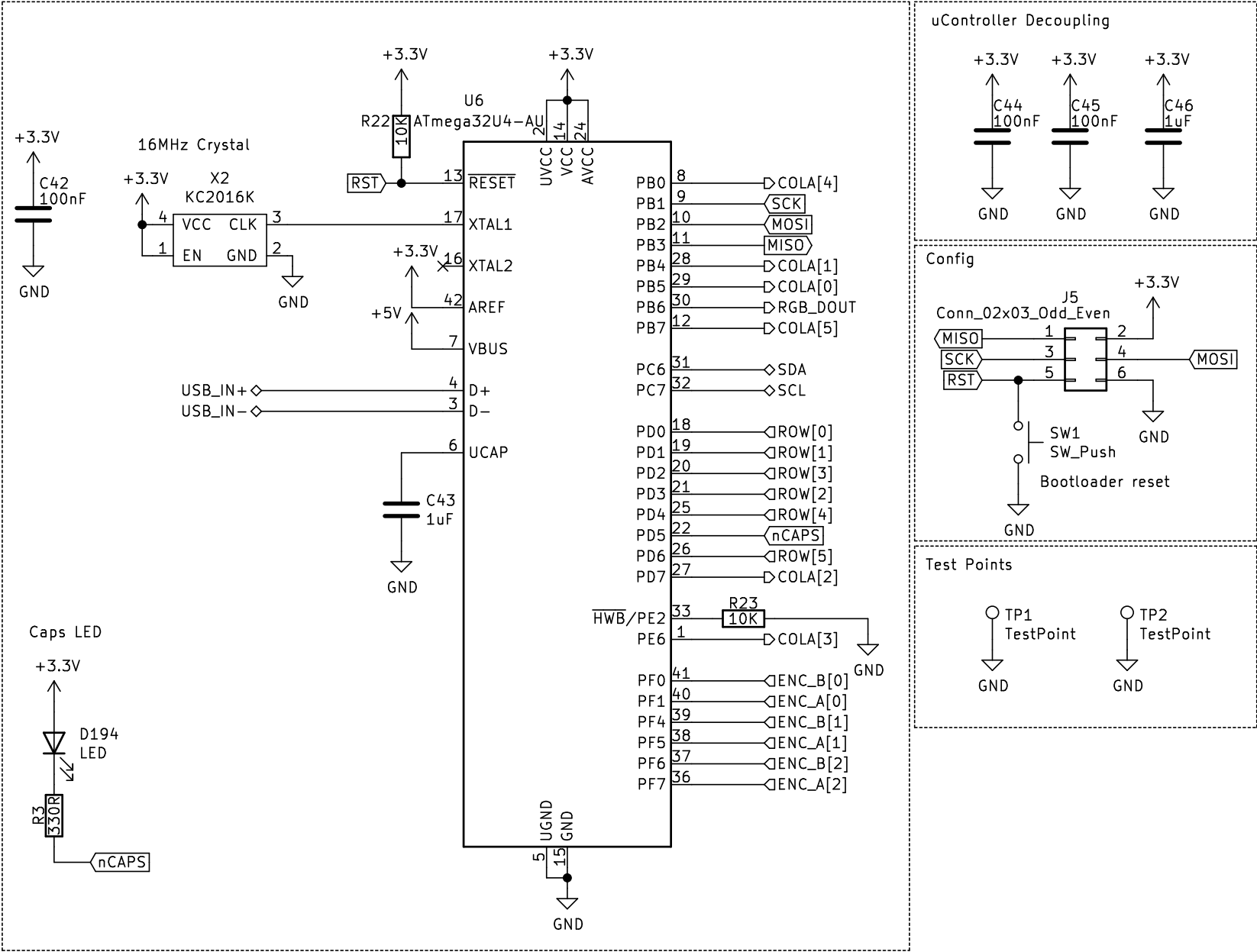
Keycap lighting



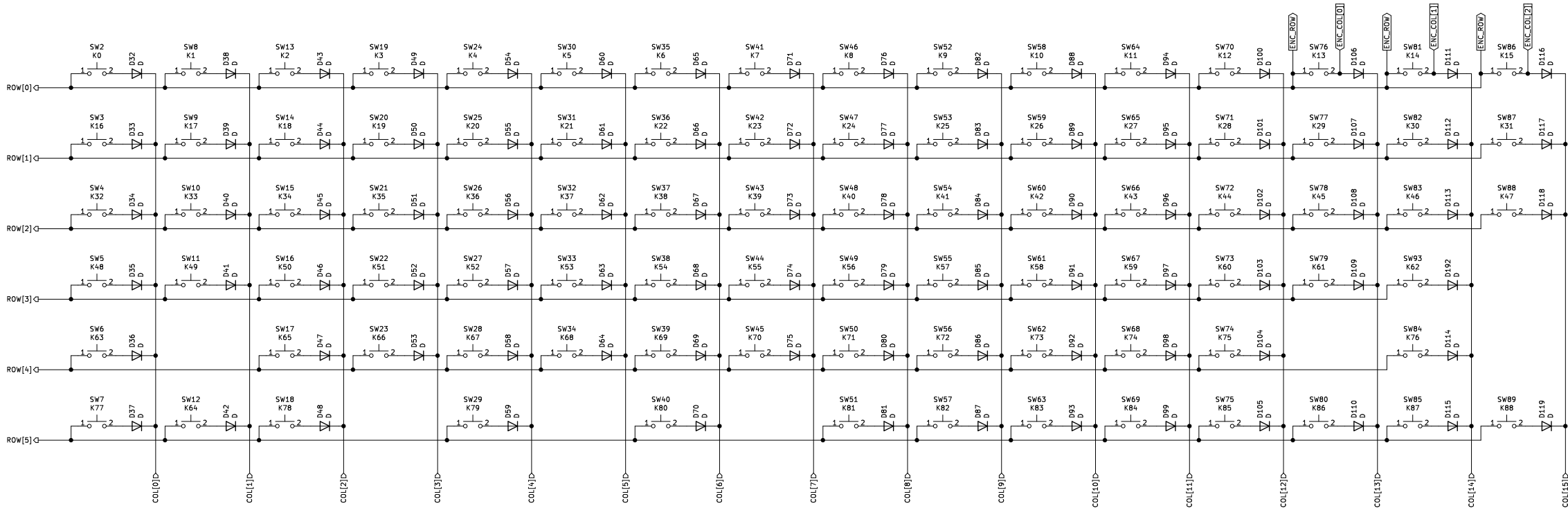
LED Decoupling



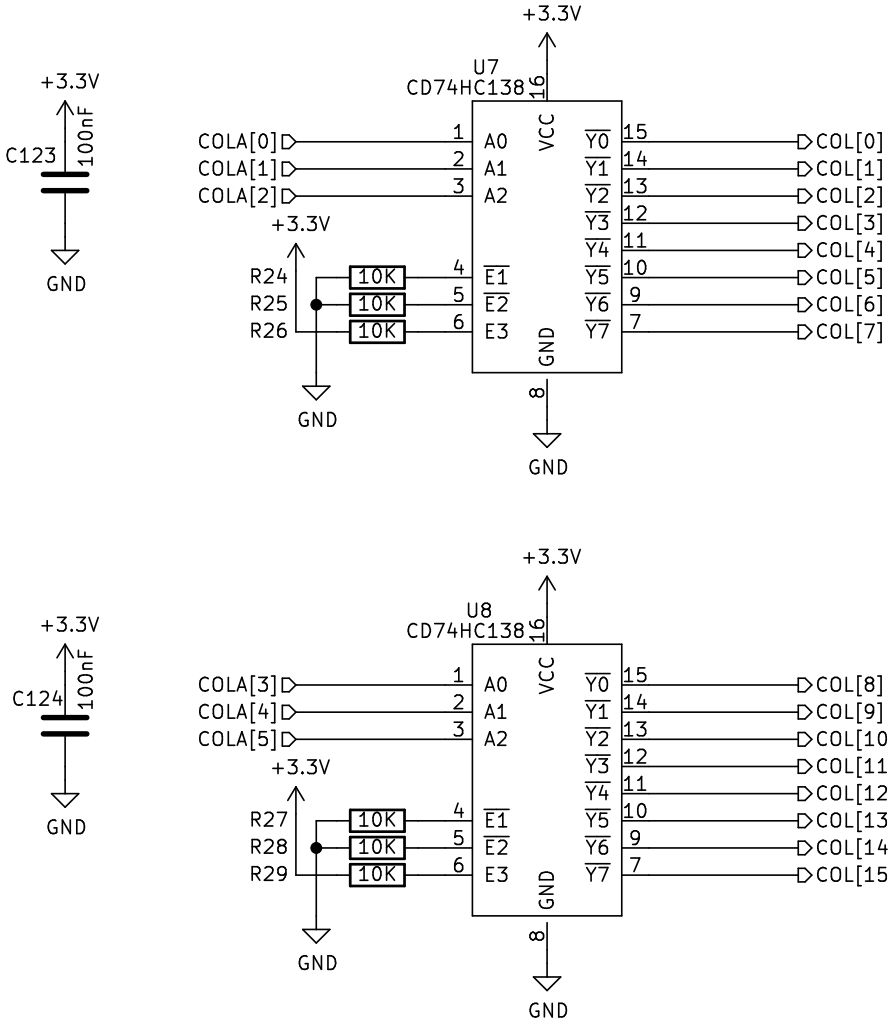
# uController



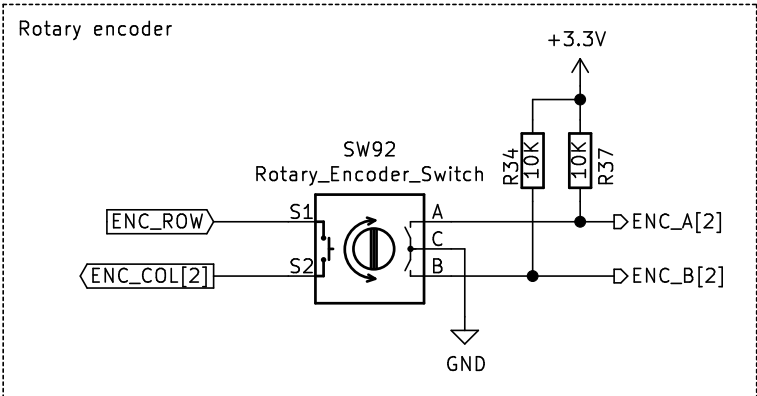
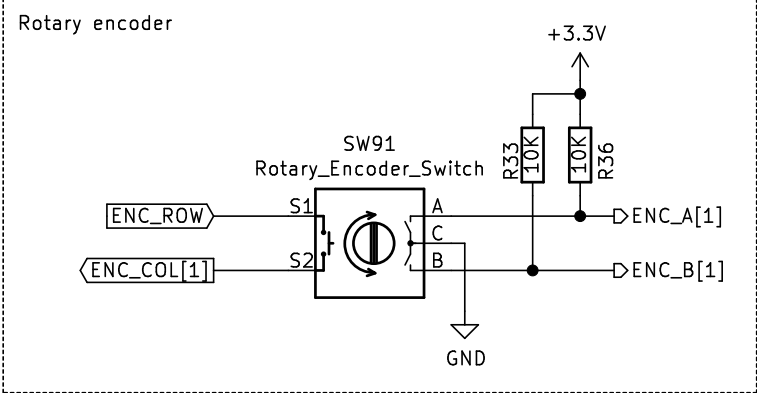
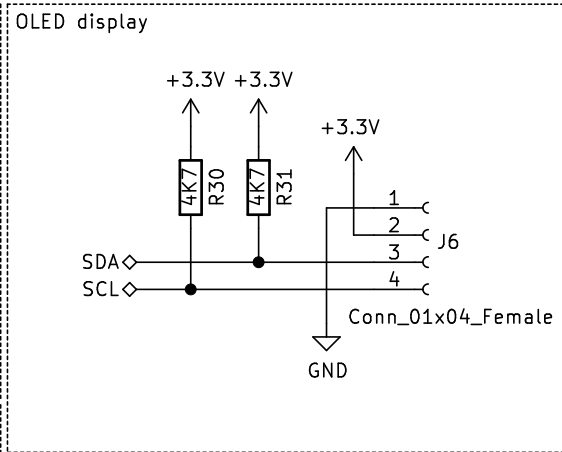
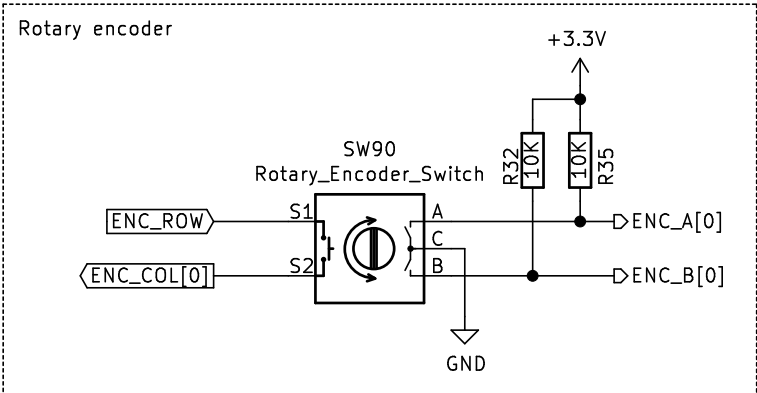
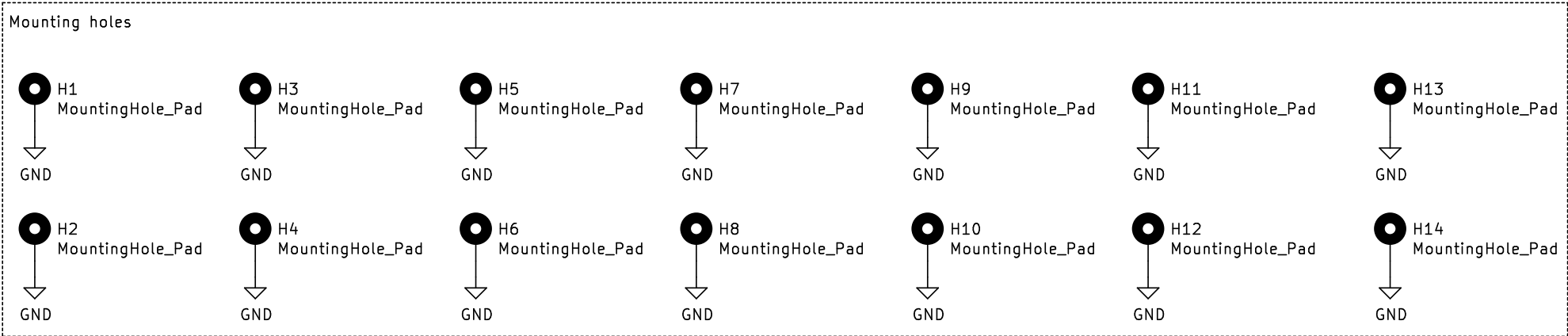
Switch Matrix



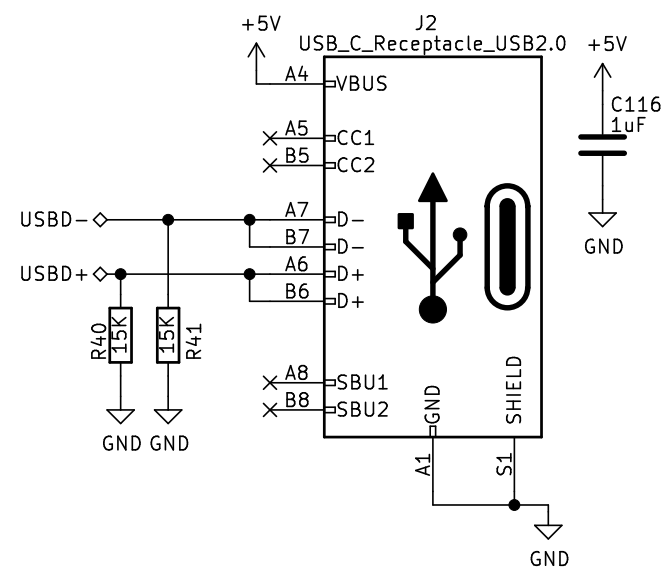
# Column Line Decoders



Misc

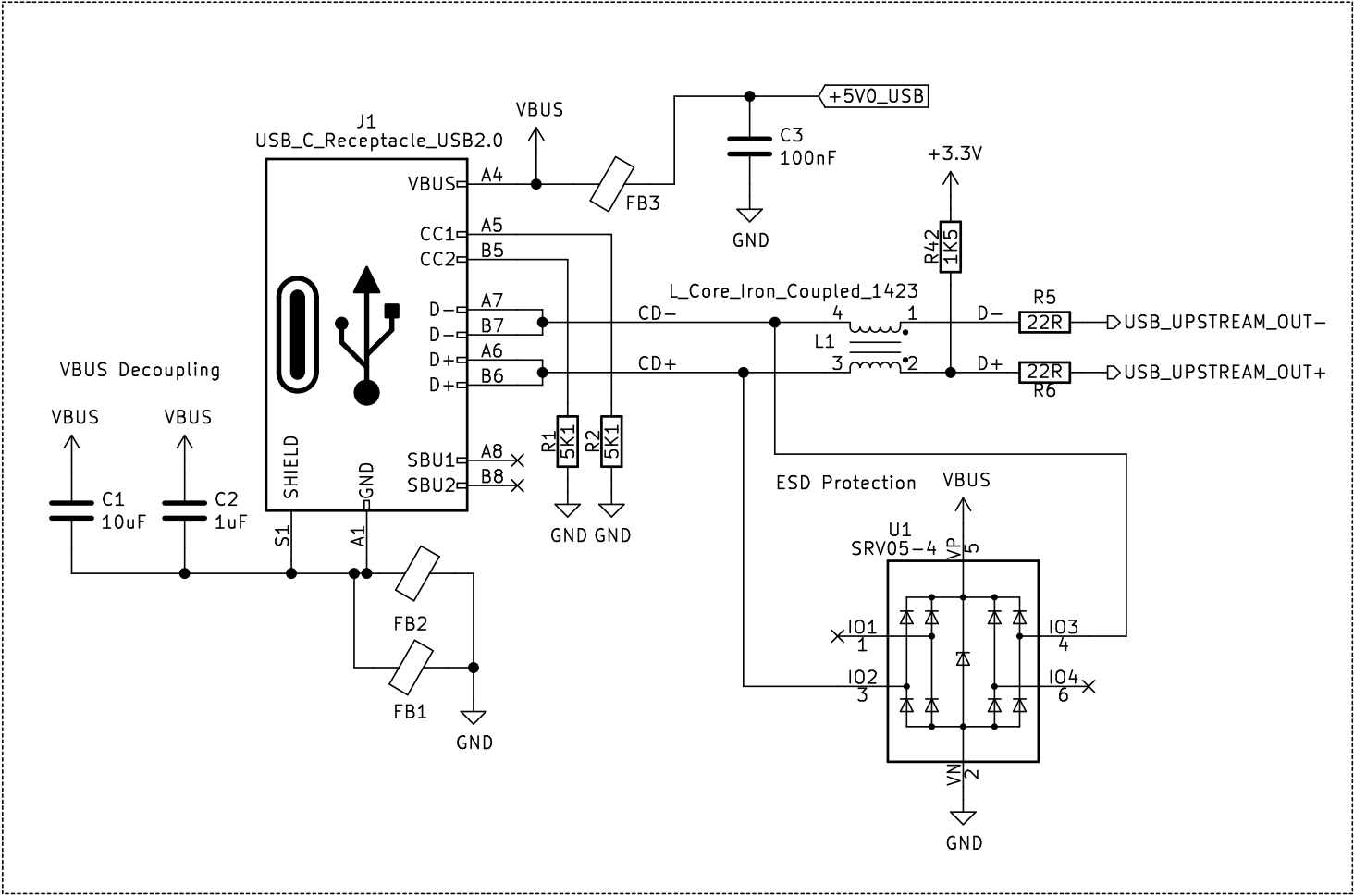


# USB Downstream

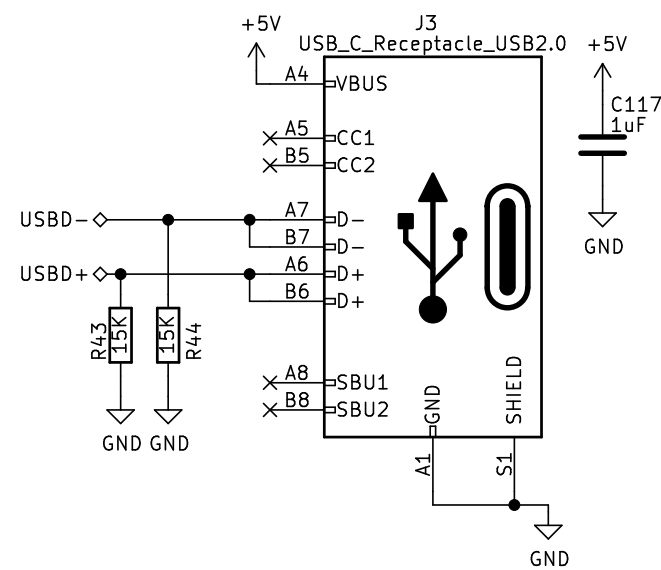




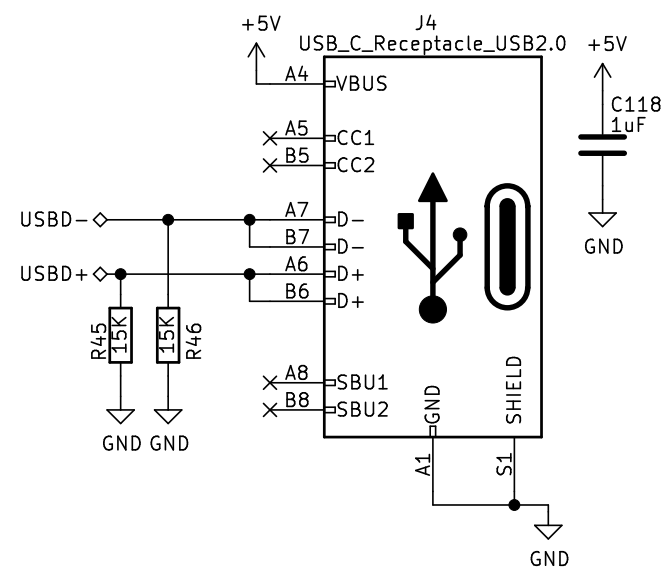
# USB Upstream



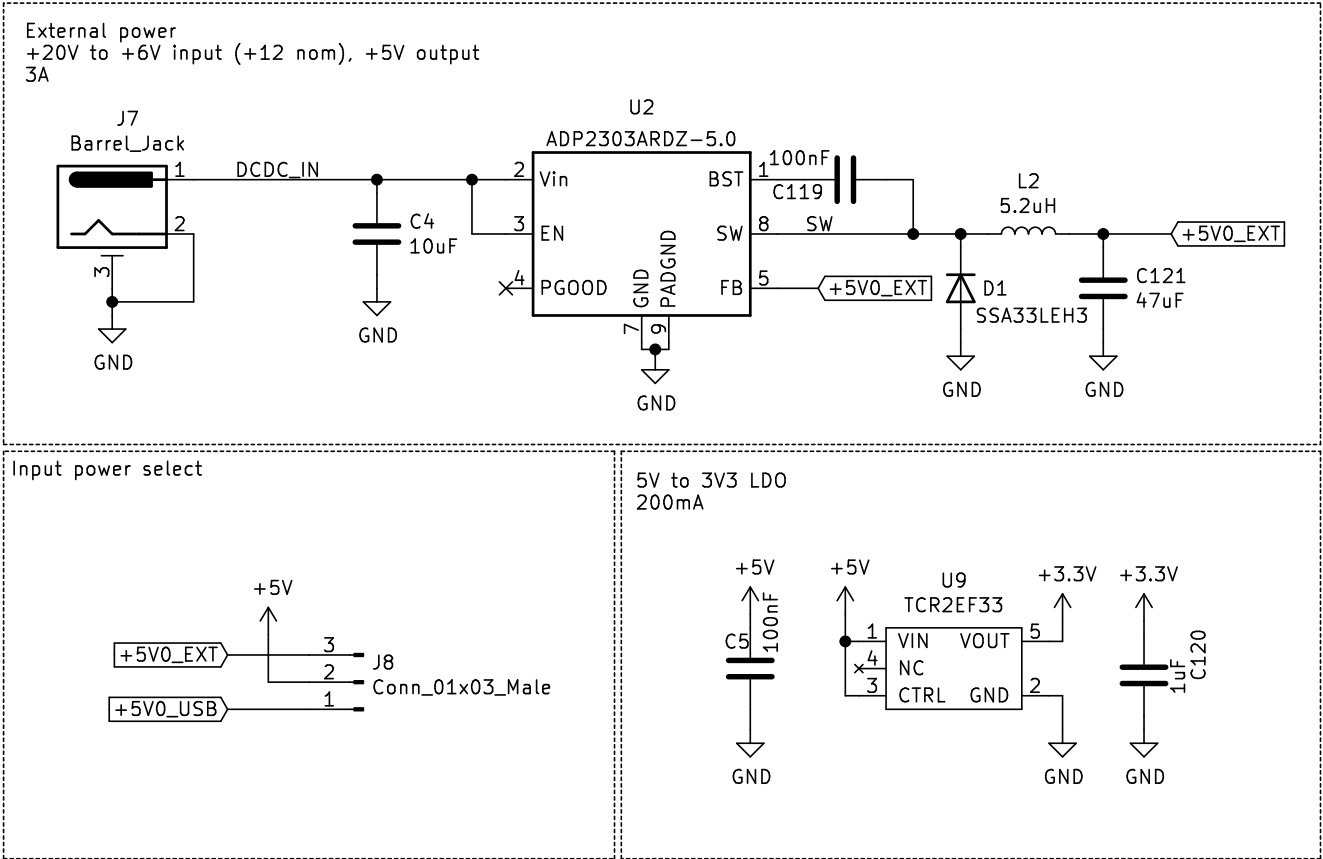
# USB Downstream



# USB Downstream



# Power



Sheet: /Power/  
File: Power.sch

**Title: TKL Keyboard**

Size: A4

Date:

**Rev: 0**

KiCad E.D.A. kicad (5.1.8)-1

Id: 12/12