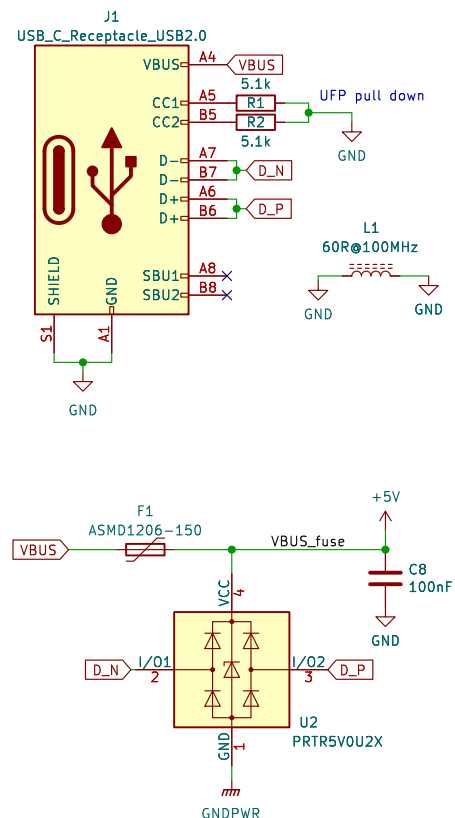


Digital Input	Digital Output
col0	row0
col1	row1
col2	row3
col3	row2
col4	row4
col5	row5
col6	row6
col7	row7
col8	row8
col9	row9

File: rgb.kicad\_sch



Differential pair ref:  
2 layer PCB  
microstrip spacing: 0.127mm  
coplanar reference spacing: 0.127mm  
signal width: 0.25mm  
dielectric thickness: 1.6mm

calculator: <https://www.eeweb.com/tools/edge-coupled-microstrip-impedance/>  
<https://resources.altium.com/p/routing-requirements-usb-20-2-layer-pcb>

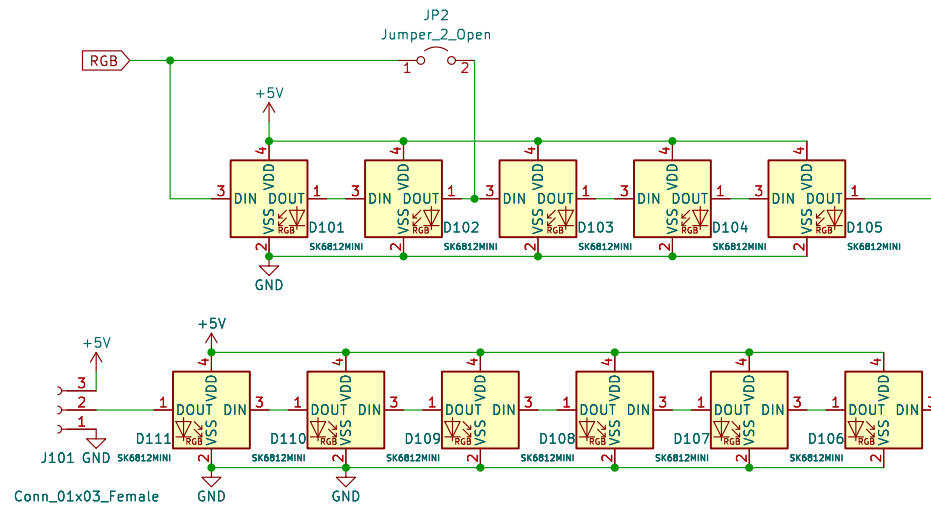
U3  
XC6206PxxxMR-Regulator\_Linear  
+5V +3V3

3 VI 2 VO 1 GND

C11 1µF R1 10k C12 1µF

Rev: 0.2.2  
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sporkus

Sheet: /RGB leds/  
File: rgb.kicad\_sch

**Title: Hotswap Chiffre**

Size: A4 Date: 2023-07-13

KiCad E.D.A. kicad-cli 7.0.7-7.0.7-ubuntu23.04.1

**Rev: 0.2.2**

Id: 3/3