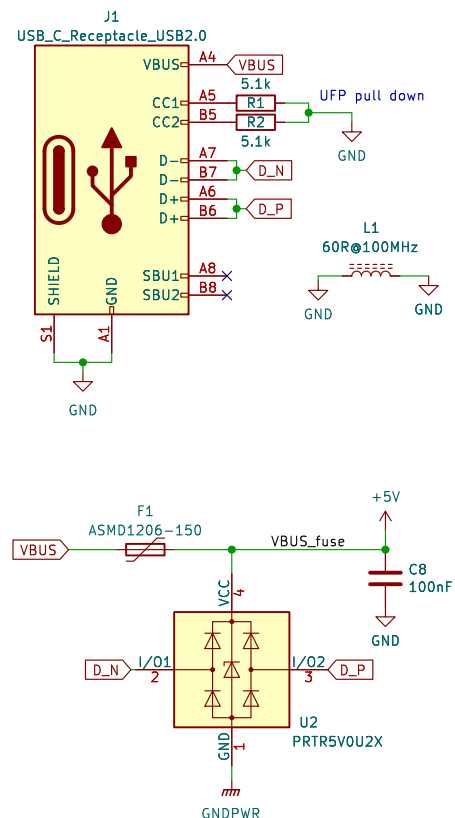


Digital Input	Digital Output
col0	row0
col1	row1
col2	row3
col3	row2
col4	row4
col5	row5
col6	row6
col7	row7
col8	row8
col9	row9

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

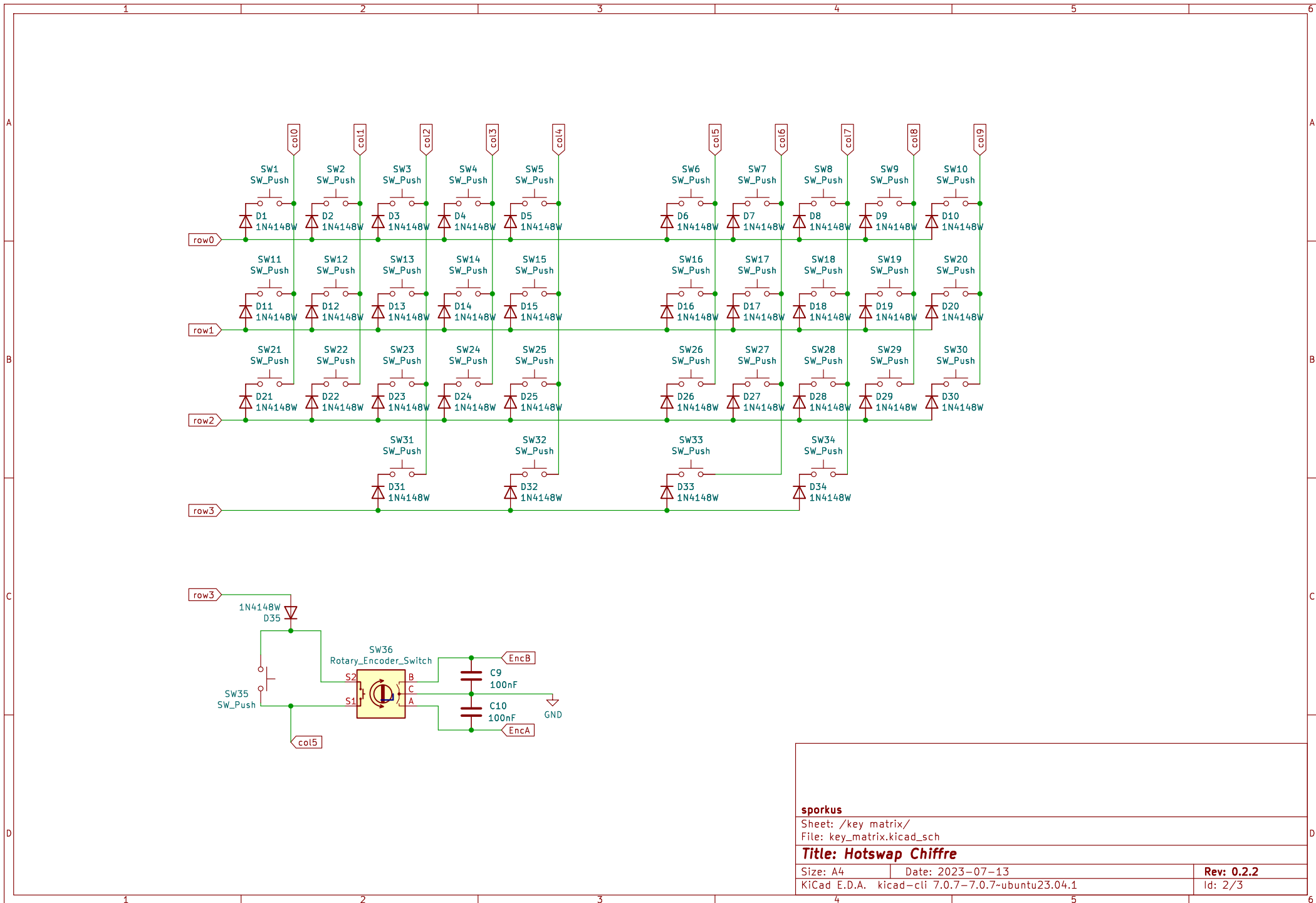
3 VI 2 VO 1 GND

C11 1µF C12 1µF R1 10kΩ

Sheet: /
File: stm32_hotswap_chiffre.kicad_sch

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: 1/3



sporkus

Sheet: /key matrix/

File: key_matrix.kicad_sch

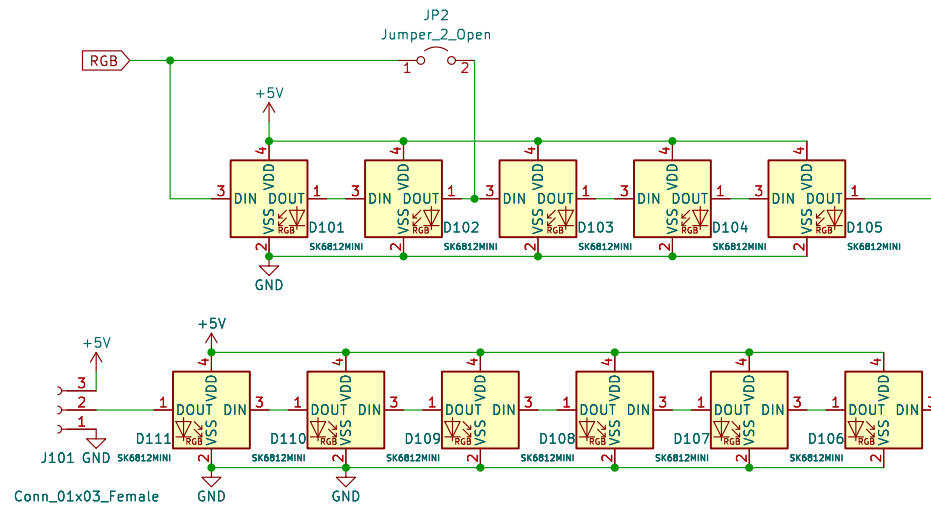
Title: Hotswap Chiffre

Size: A4 Date: 2023-07-13

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

Rev: 0.2.2

Id: 2/3



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