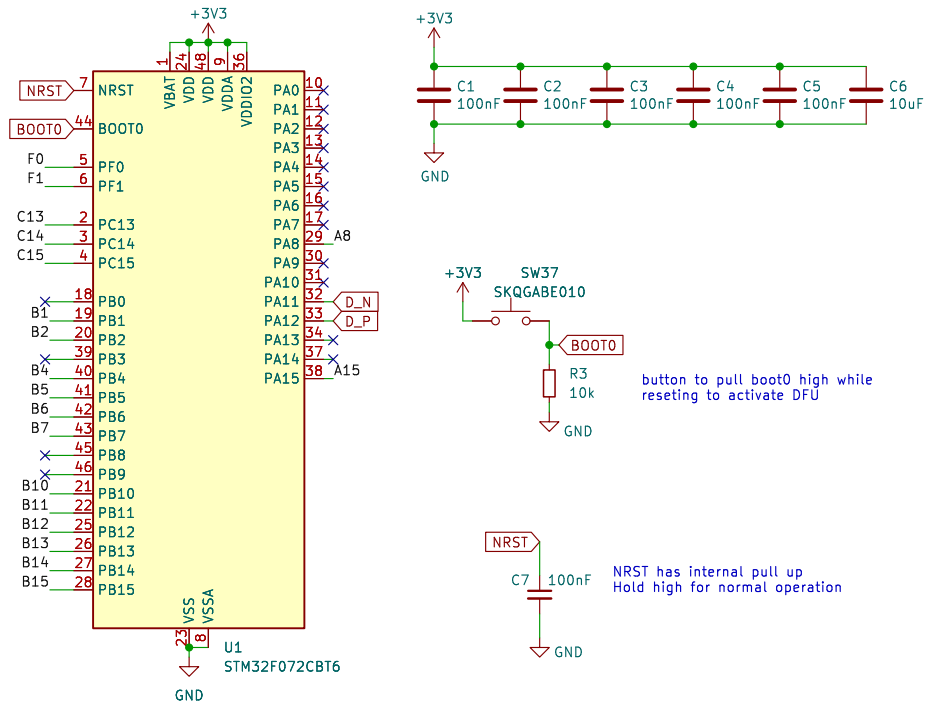
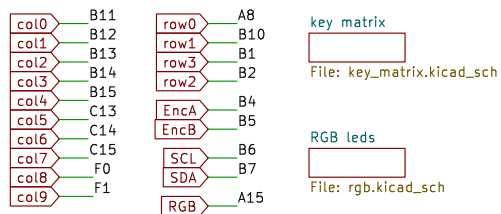


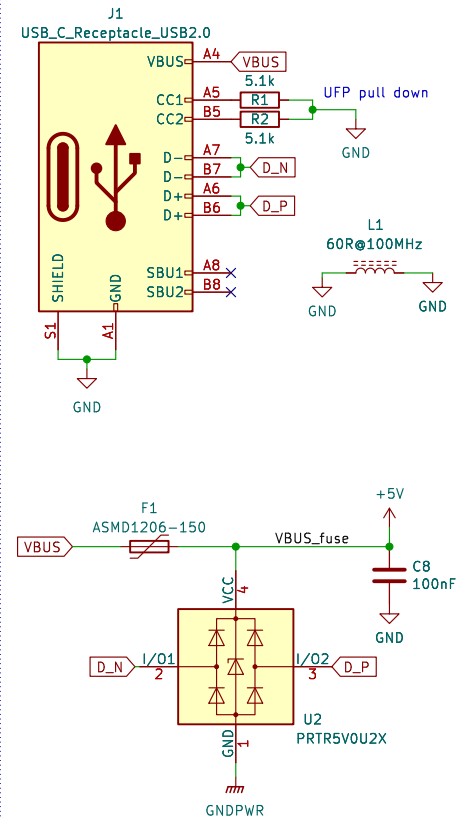
MCU



MCU pin mapping



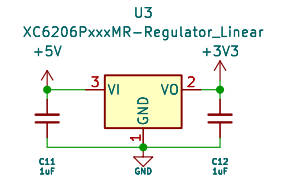
USB-C and ESD



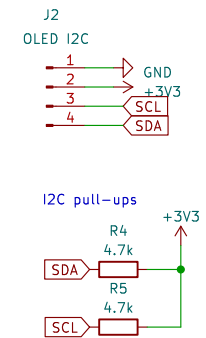
Differential pair ref:
2 layer PCB
microstrip spacing: 0.127mm
coplanar reference spacing: 0.127mm
signal width: 0.25mm
dielectric thickness: 1.6mm

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

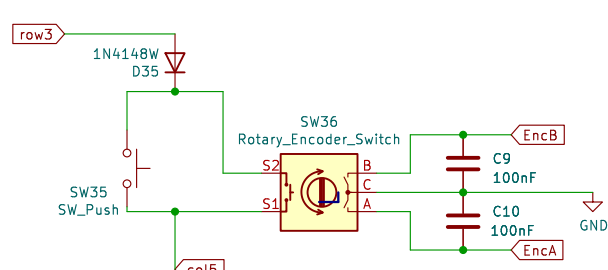
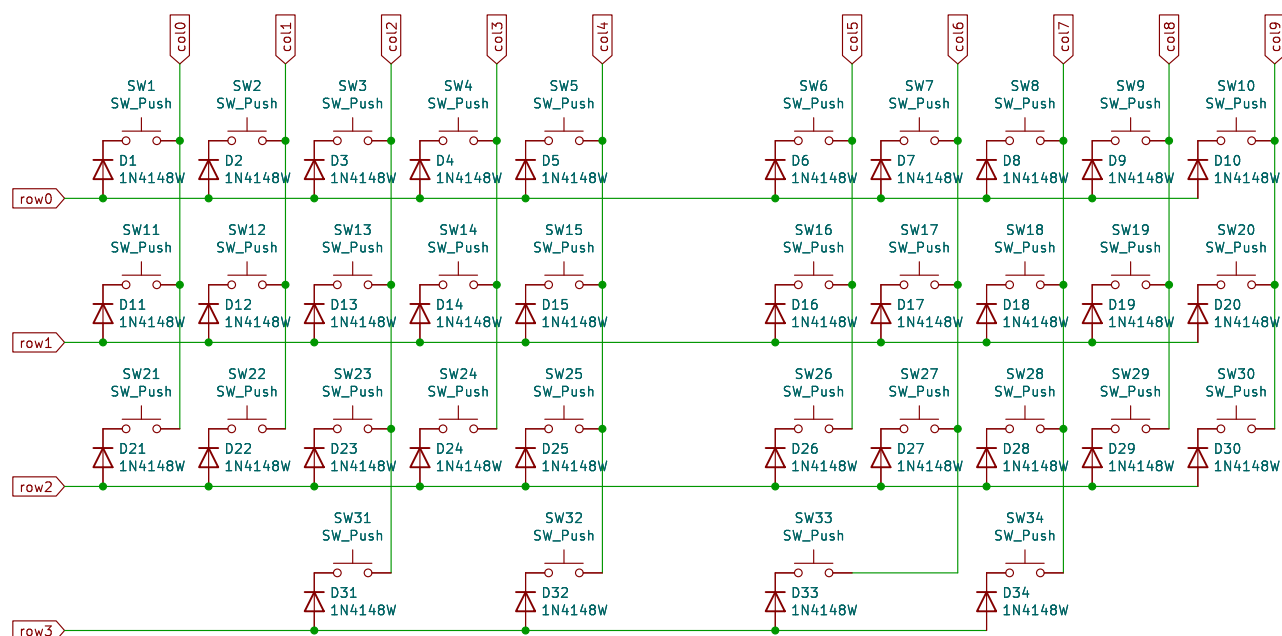
3.3V LDO



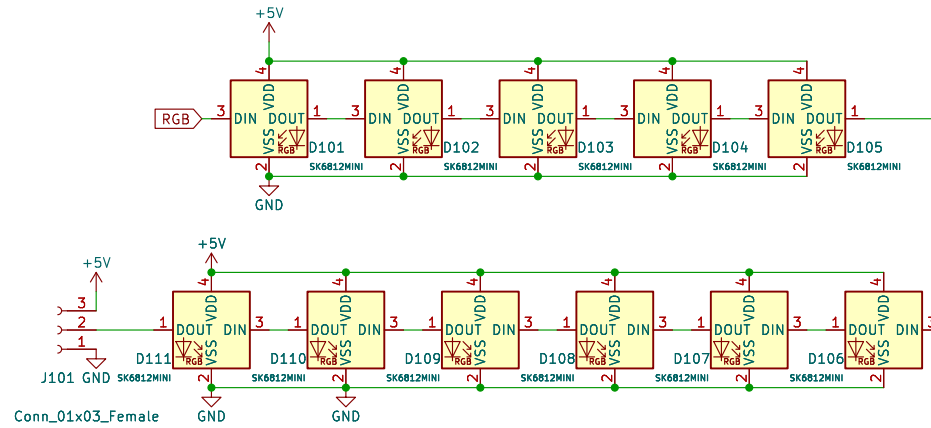
OLED display



sporkus	
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File: stm32_hotswap_chiffre.kicad_sch	
Title: Hotswap Chiffre	
Size: A4	Date: 2023-07-07
KiCad E.D.A. kicad 7.0.5-0	Rev: 0.2
	Id: 1/3



sporkus	
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Title: Hotswap Chiffre	
Size: A4	Date: 2023-07-07
KiCad E.D.A. kicad 7.0.5-0	Rev: 0.2 Id: 2/3



sporkus

Sheet: /RGB leds/
File: rgb.kicad_sch

Title: Hotswap Chiffre

Size: A4 Date: 2023-07-07

KiCad E.D.A. kicad 7.0.5-0

Rev: 0.2

Id: 3/3