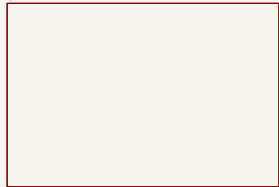


Power

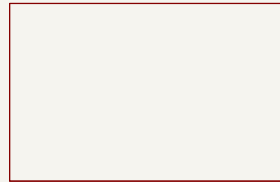
power



File: power.kicad_sch

MCU

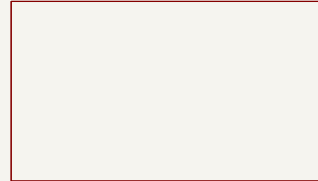
mcu



File: mcu.kicad_sch

7 Segment Display

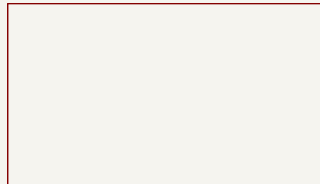
seven-segment-display



File: seven-segment-display.kicad_sch

DIN Cable

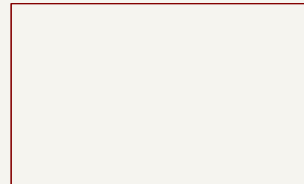
cable



File: cable.kicad_sch

Switches

switches2



File: switches2.kicad_sch

Sheet: /
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Title:

Size: A4

Date:

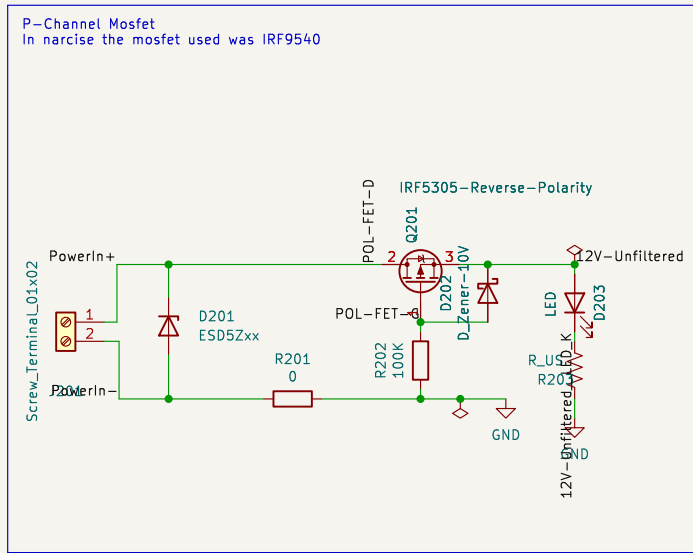
KiCad E.D.A. 9.0.0

Rev:

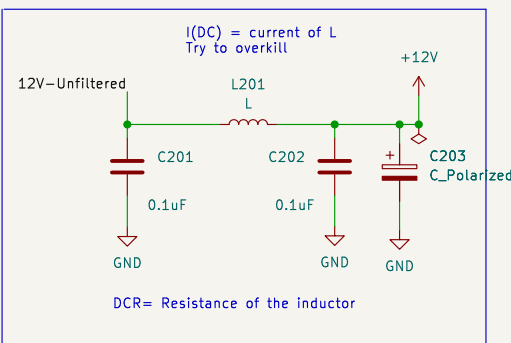
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POWER SUPPLY

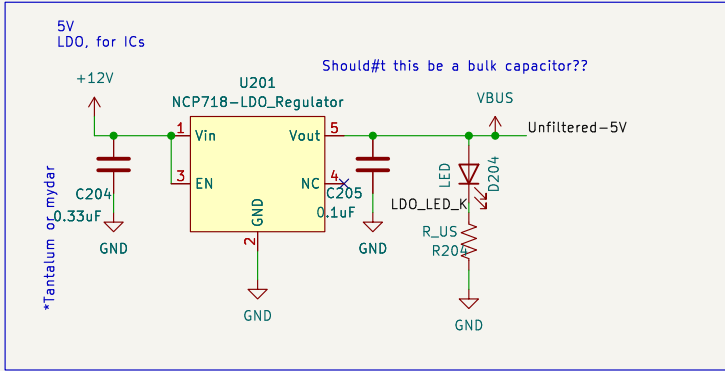
Reverse Polarity Protection



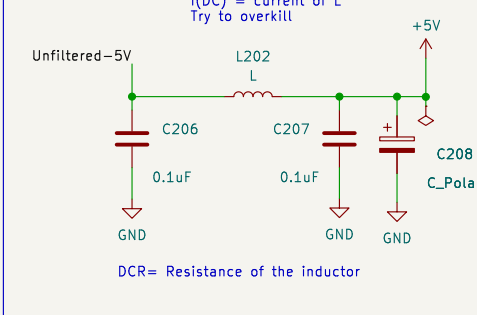
RLC Filter – 12V



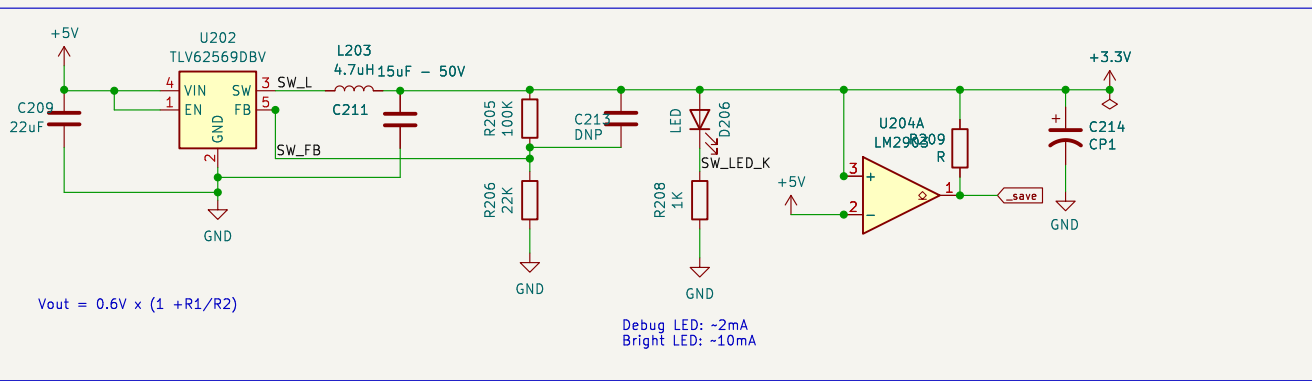
5V



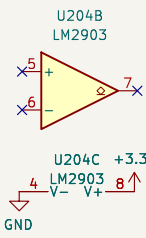
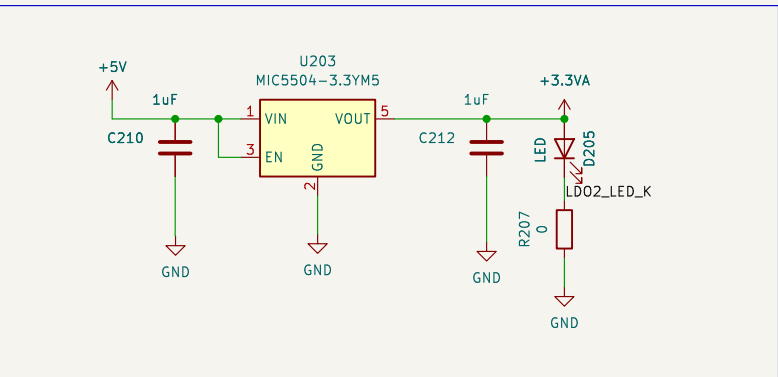
RLC Filter – 5V



Switching 3.3V

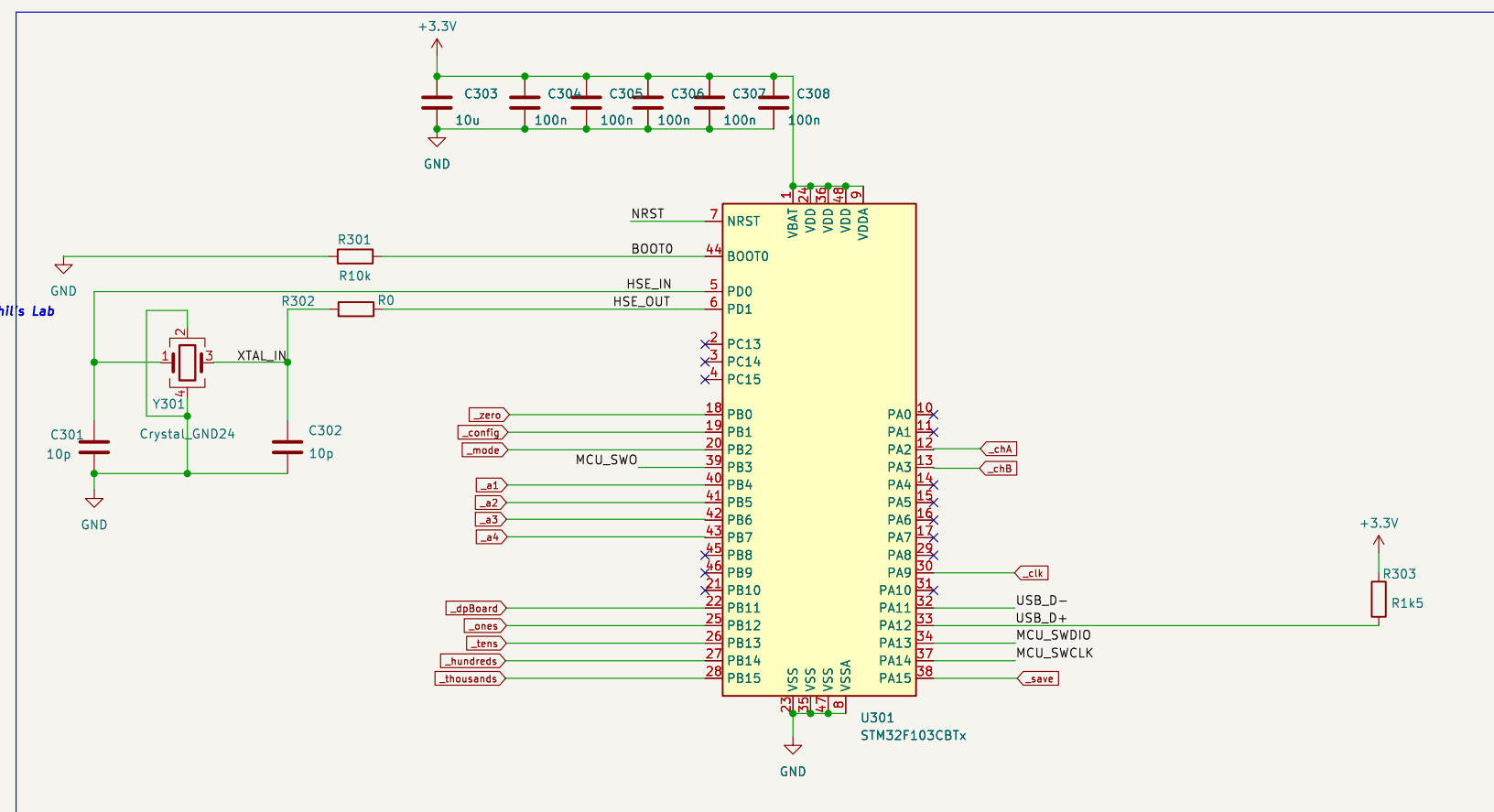


LDO 3.3V

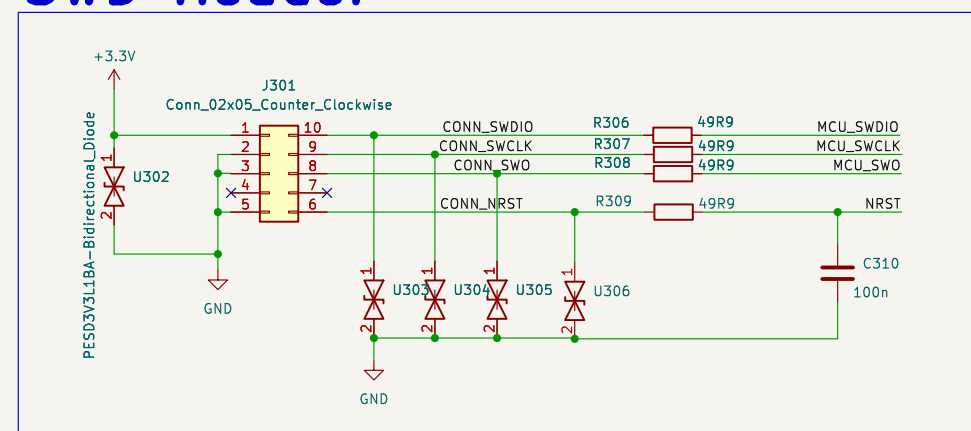


MCU

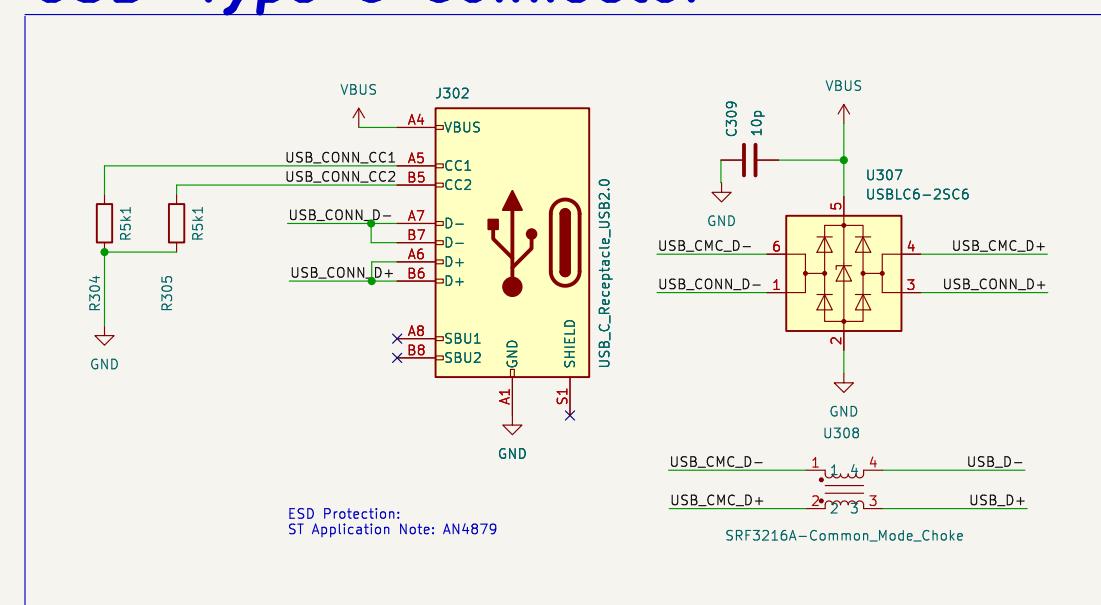
STM32F103CBT6 MCU



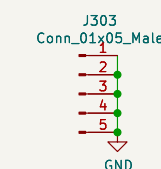
SWD Header

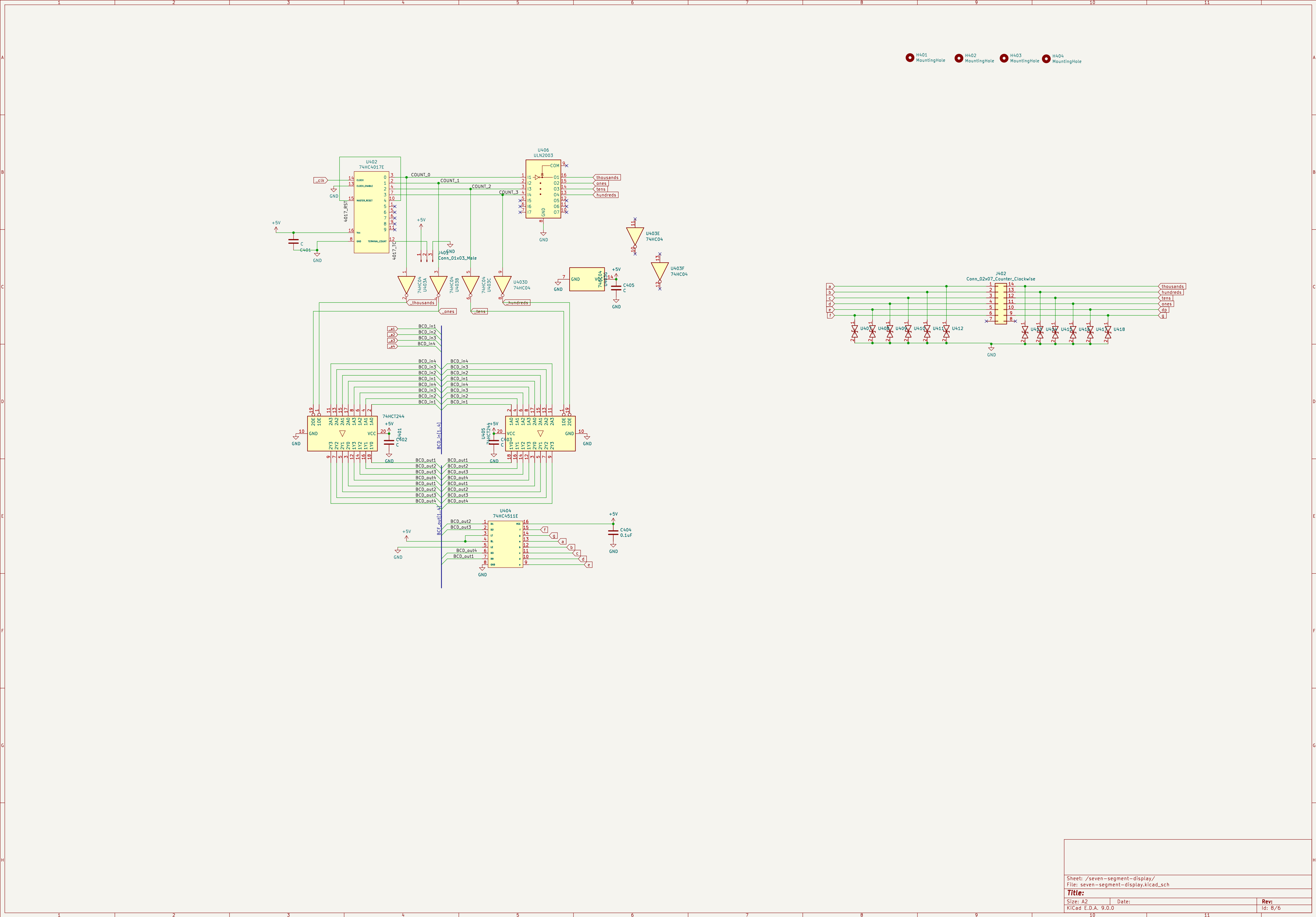


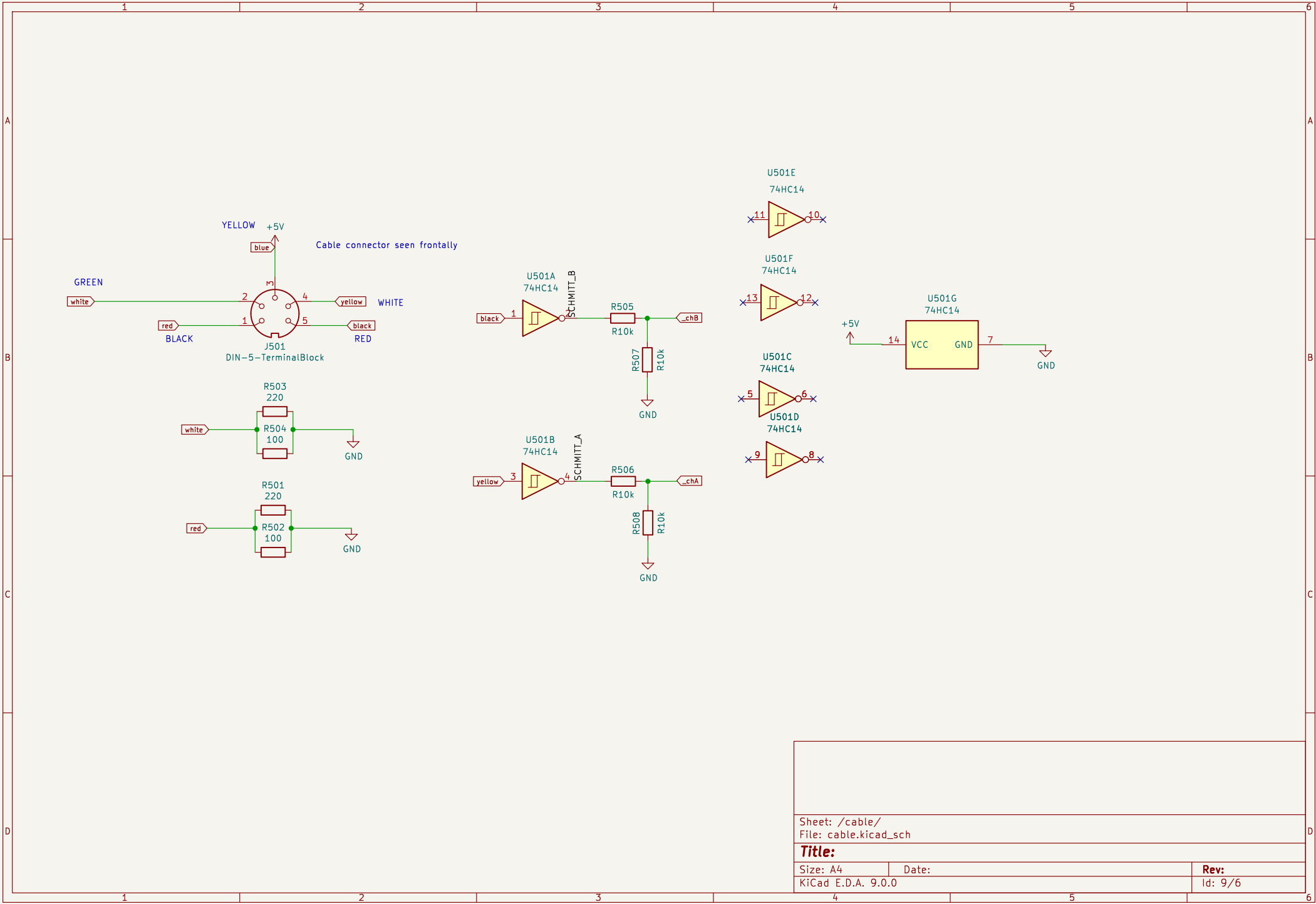
USB-Type C Connector

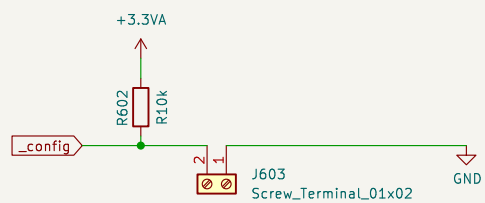
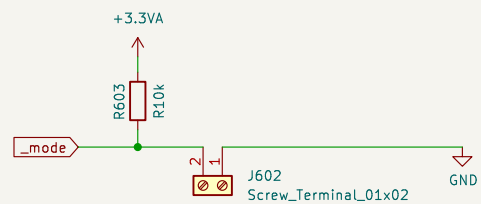
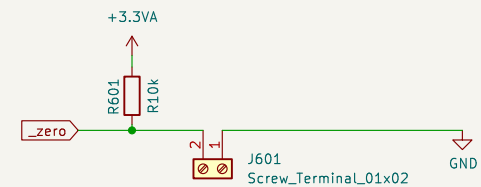


Signal Path:
Connector <=> ESD Protection <=> Common-Mode Choke <=> Pull-Up <=> MCU









Sheet: /switches2/
File: switches2.kicad_sch

Title:

Size: A4

Date:

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Rev:

Id: 10/6