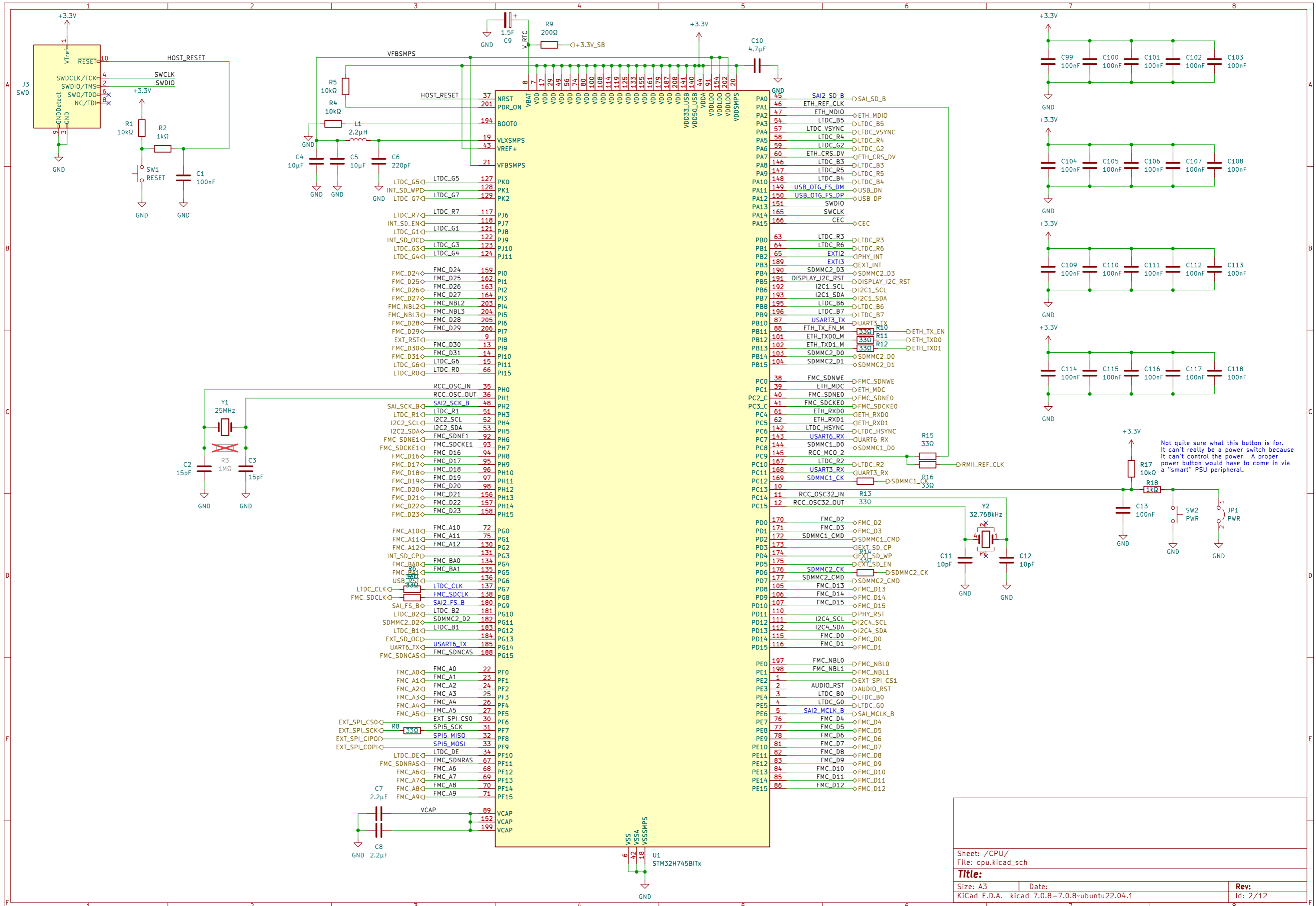
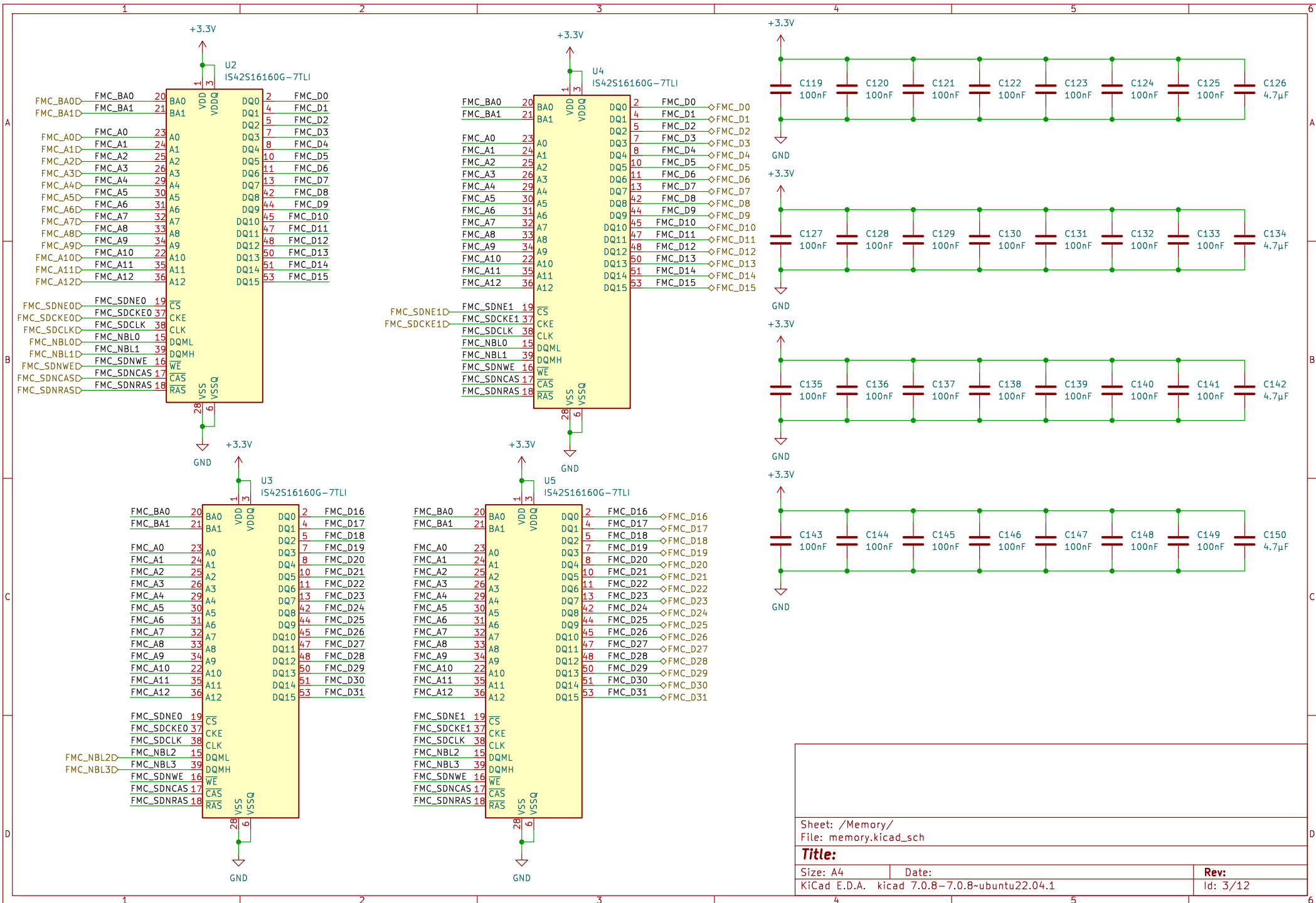
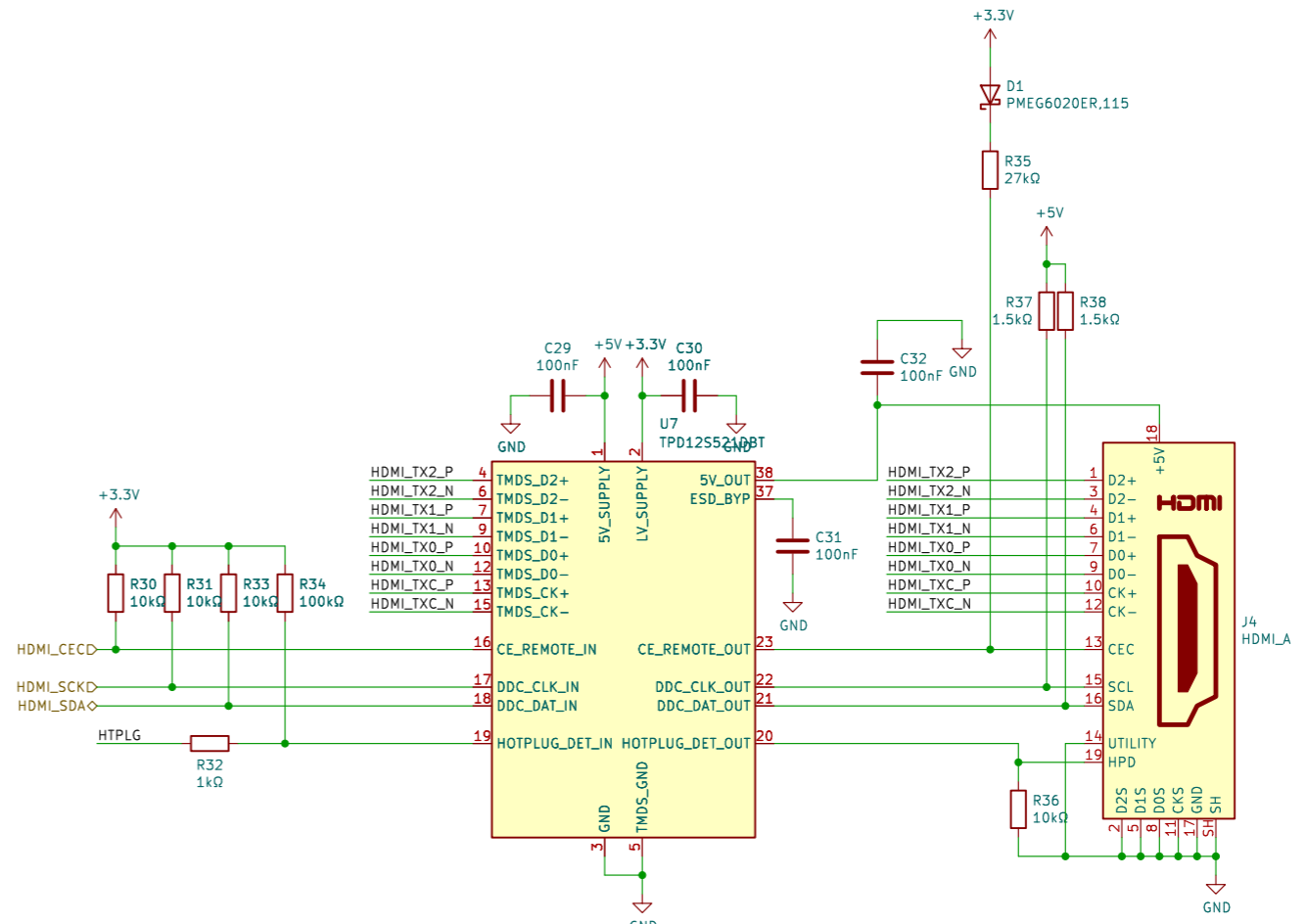
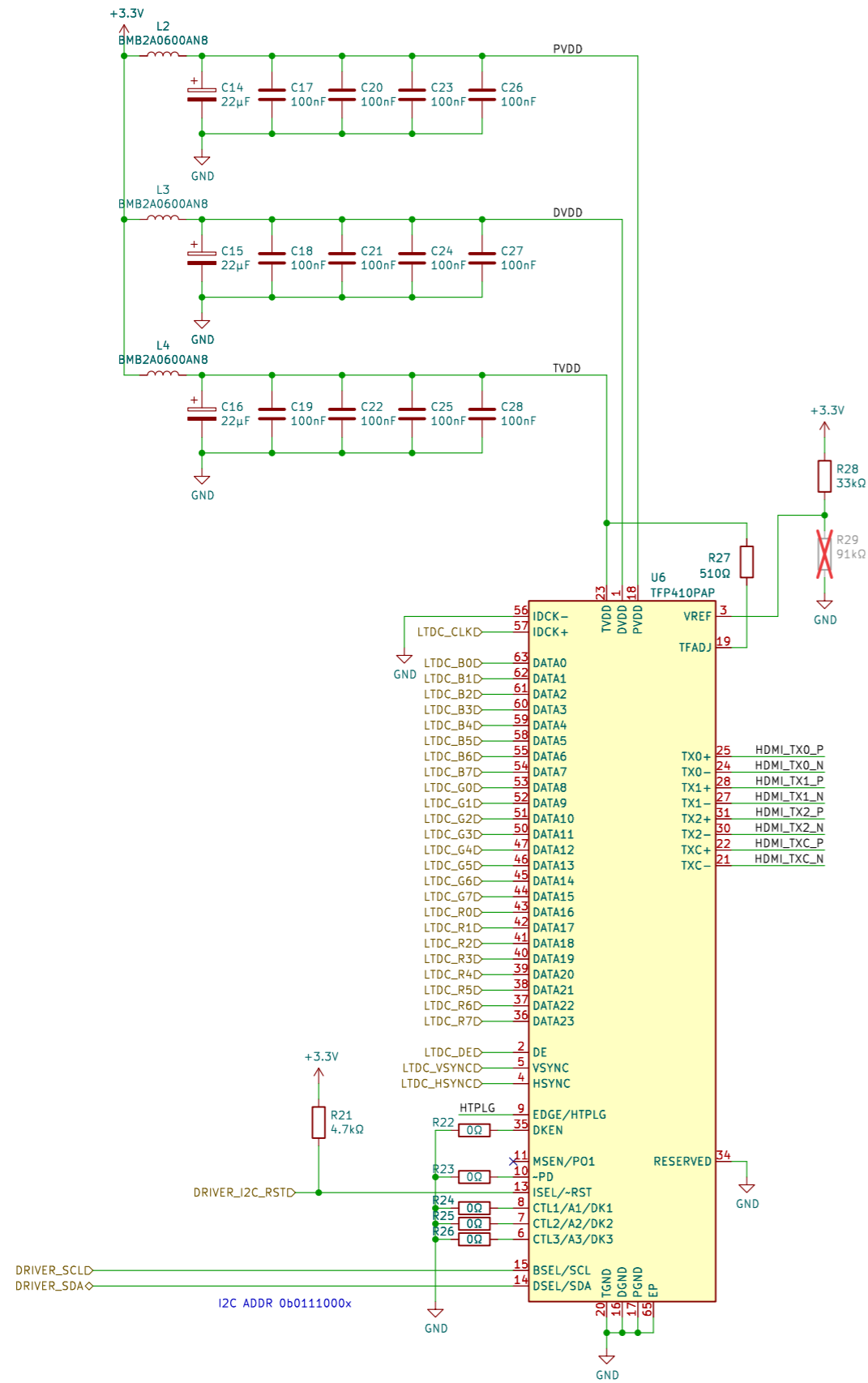


Dumont Cybernetics		
Sheet: /		
File: d1000.kicad_sch		
Title: D1000 Computer		
Size: A3	Date: 2023-09-25	Rev: 1.0
KiCad E.D.A. kicad 7.0.8-7.0.8-ubuntu22.04.1		Id: 1/12

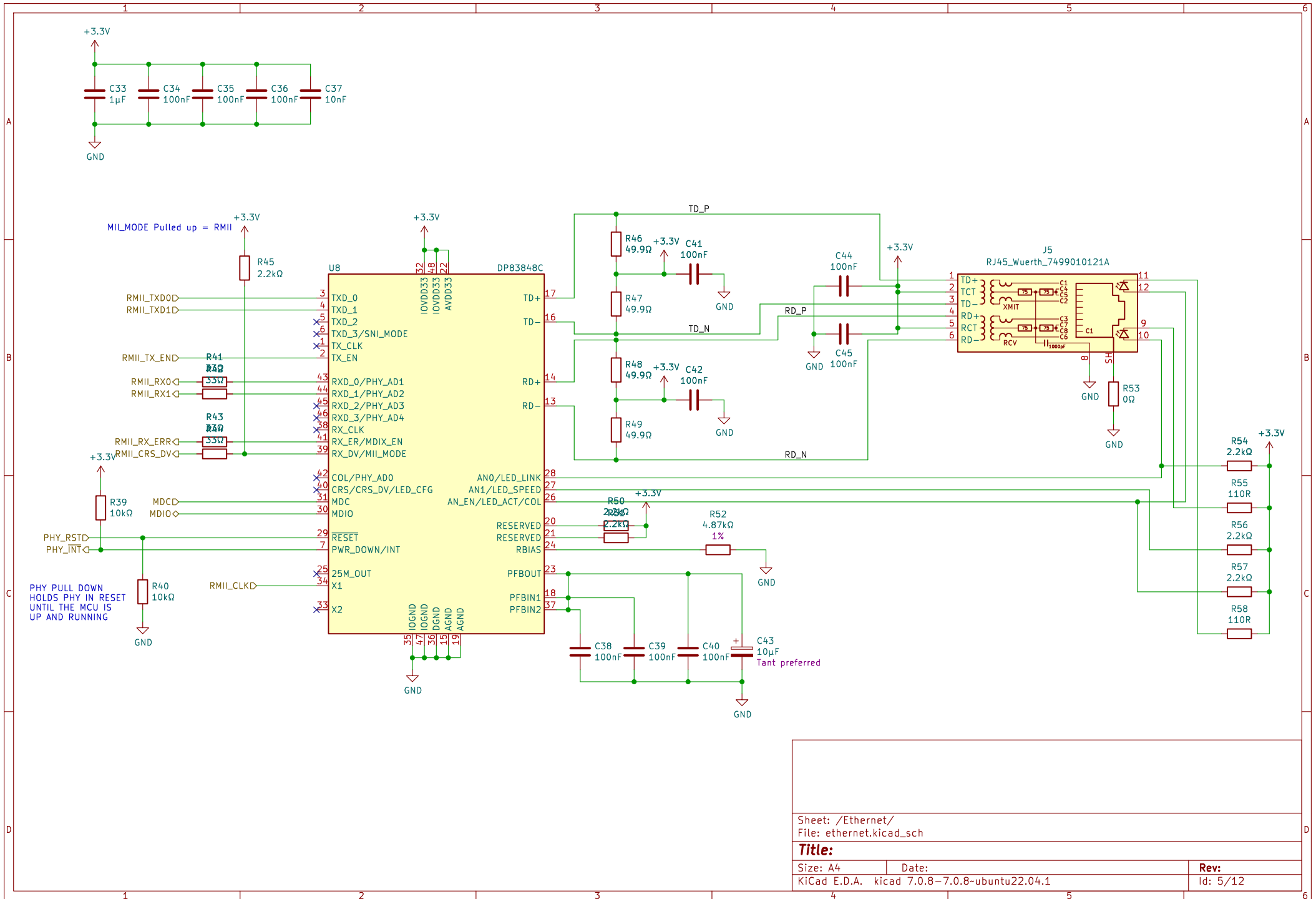


Not quite sure what this button is for. It can't really be a power switch because it can't control the power. A proper power button would have to come in via a "smart" PSU peripheral.





Sheet: /HDMI/		
File: hdmi.kicad_sch		
Title:		
Size: A3	Date:	Rev:
KiCad E.D.A. kicad 7.0.8-7.0.8-ubuntu22.04.1		Id: 4/12

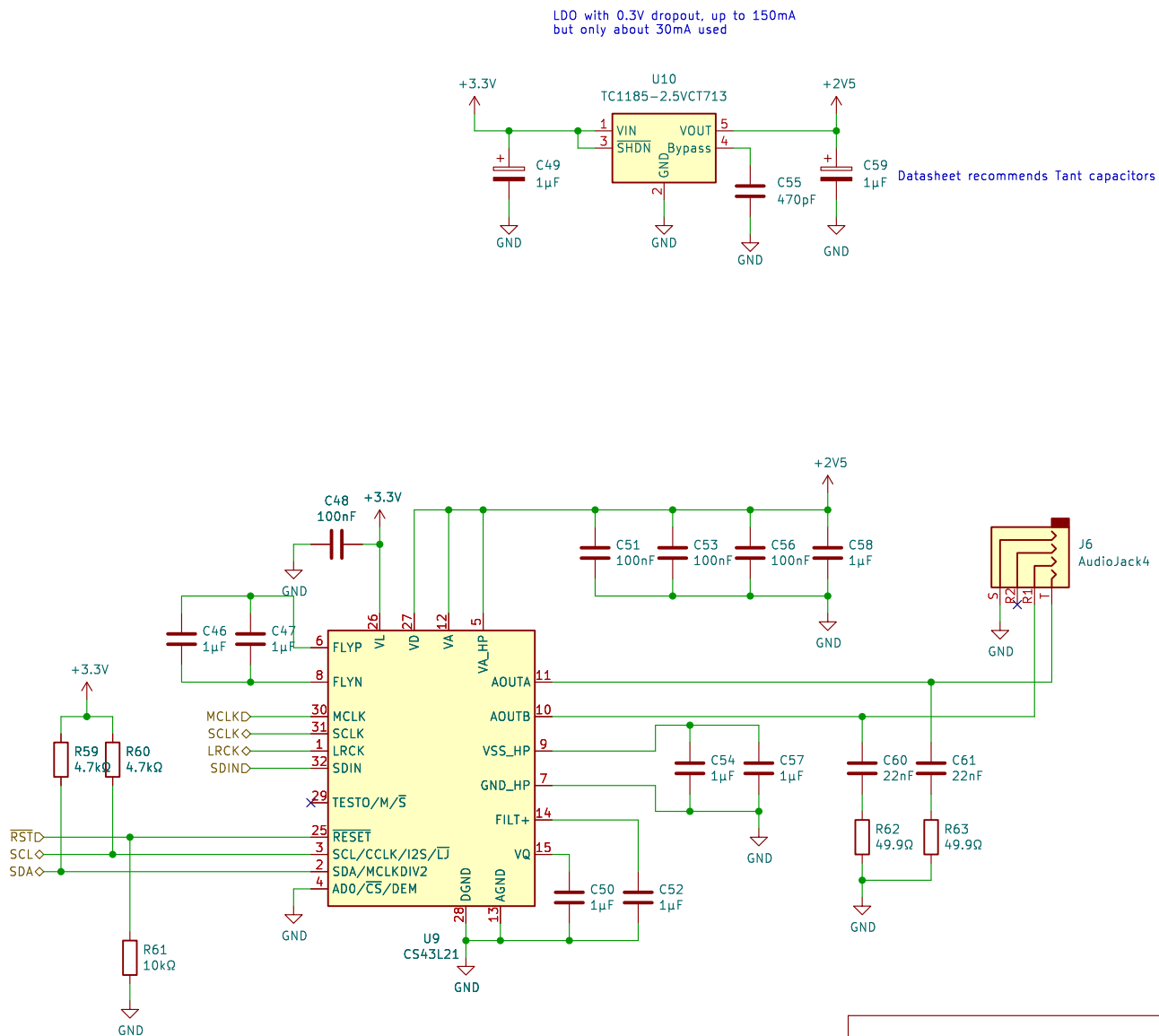


Sheet: /Ethernet/
 File: ethernet.kicad_sch

Title:

Size: A4 Date:
 KiCad E.D.A. kicad 7.0.8-7.0.8-ubuntu22.04.1

Rev:
 Id: 5/12

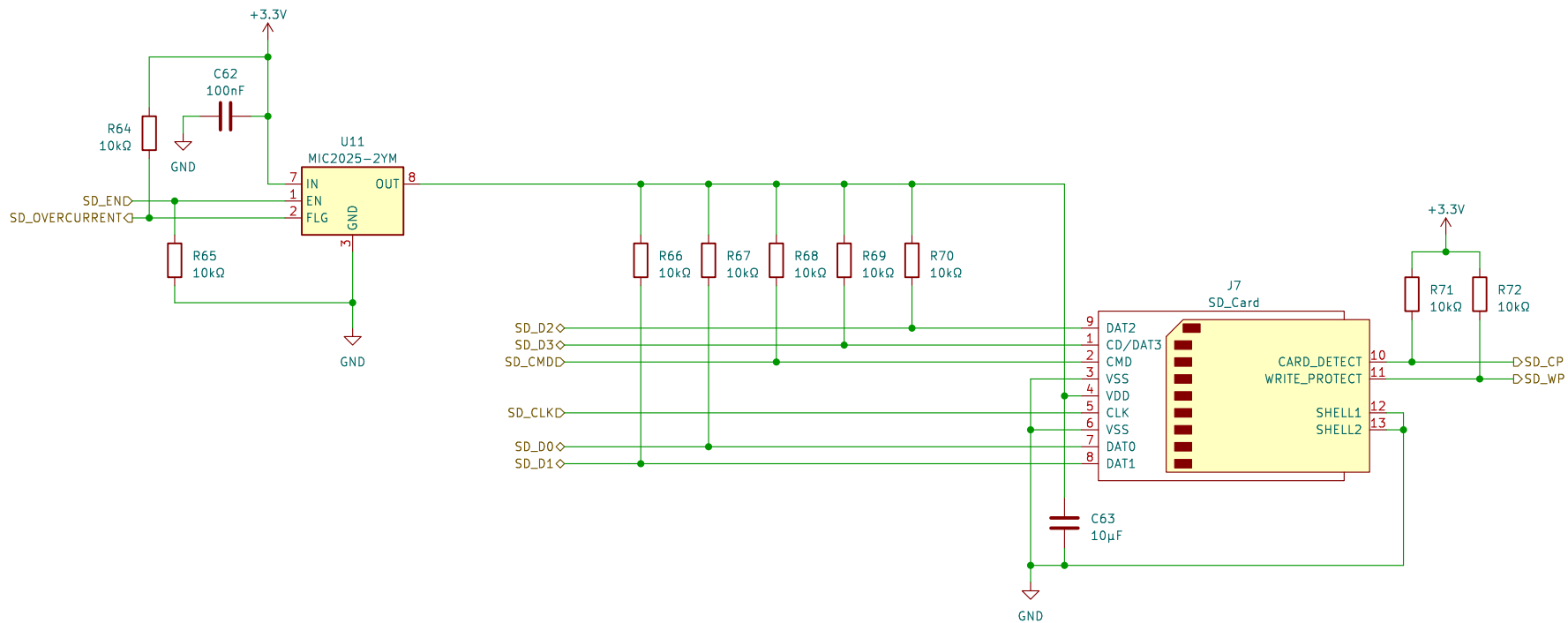


Sheet: /Audio/
File: audio.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad 7.0.8-7.0.8-ubuntu22.04.1

Rev:
Id: 6/12



Sheet: /SD_Card_Int/
 File: sdcardsdio.kicad_sch

Title:

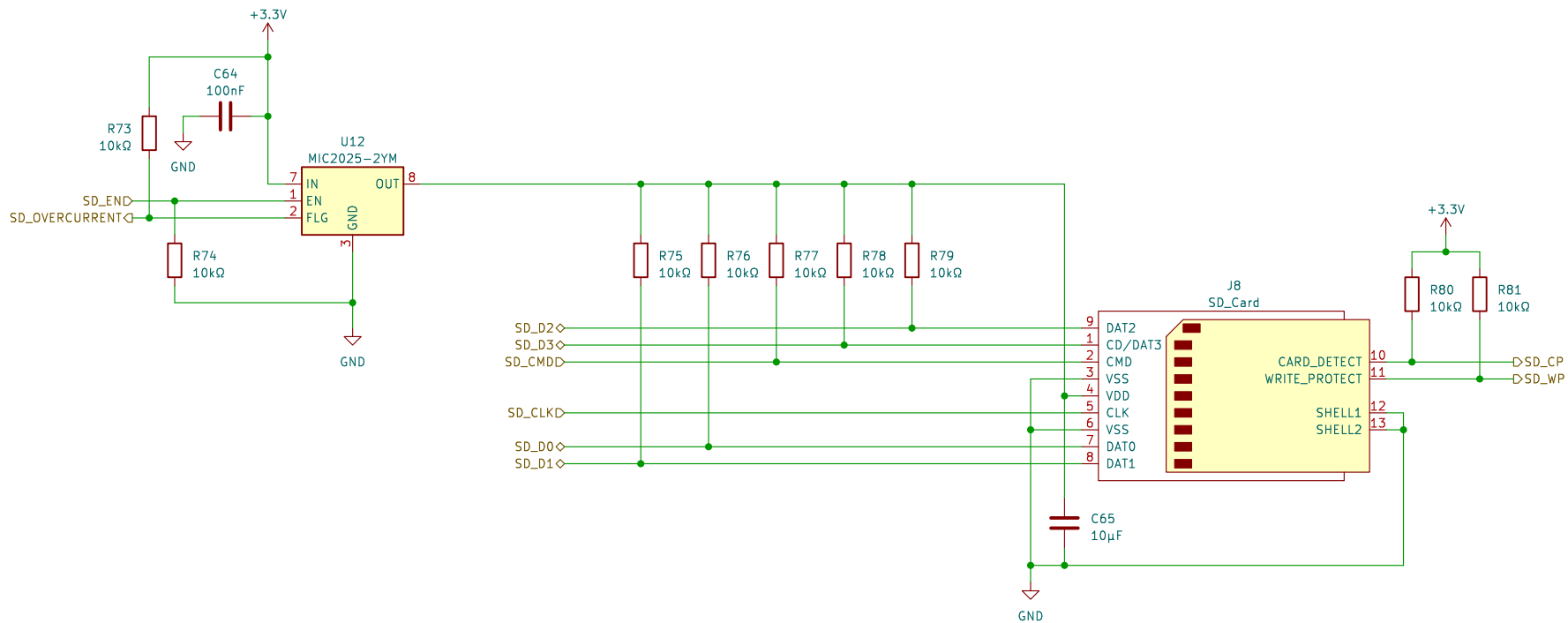
Size: A4

Date:

Rev:

KiCad E.D.A. kicad 7.0.8-7.0.8-ubuntu22.04.1

Id: 7/12

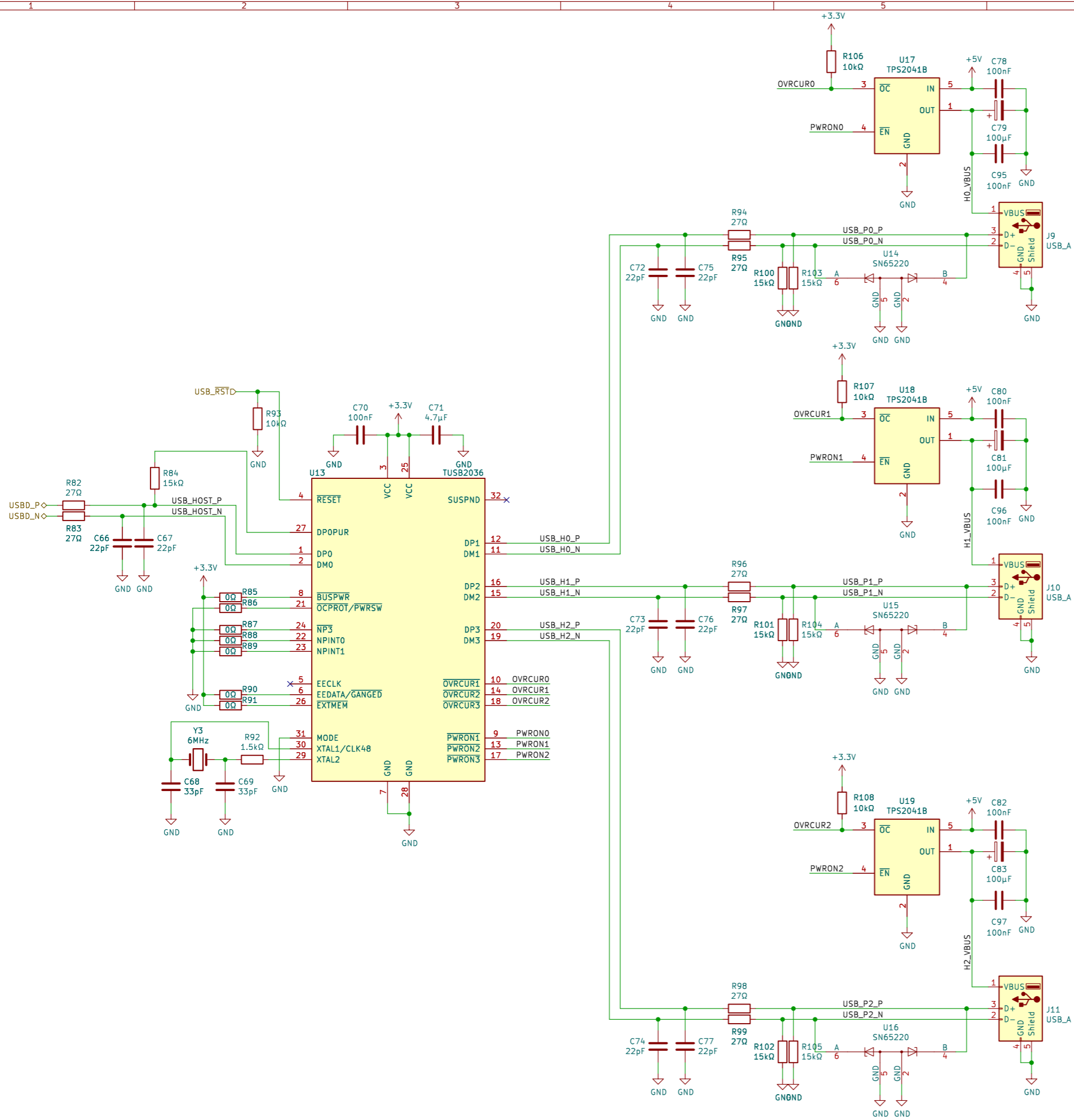


Sheet: /SD_Card_Ext/
 File: sdcardsdio.kicad_sch

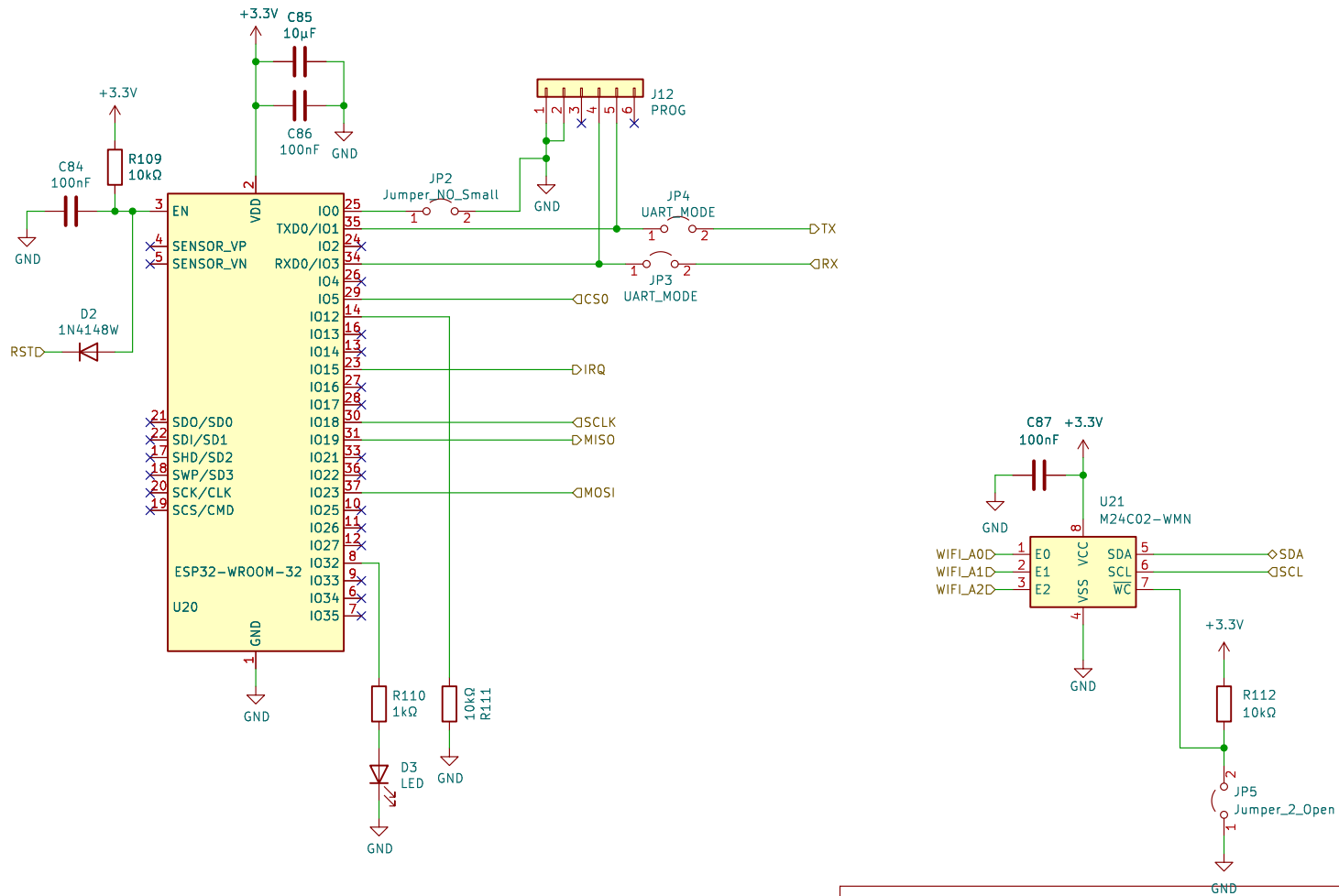
Title:

Size: A4 Date:
 KiCad E.D.A. kicad 7.0.8-7.0.8-ubuntu22.04.1

Rev:
 Id: 8/12



Sheet: /USB/		
File: usb.kicad_sch		
Title:		
Size: A3	Date:	Rev:
KiCad E.D.A. kicad 7.0.8-7.0.8-ubuntu22.04.1		Id: 9/12



Sheet: /WiFi/
File: wifi.kicad_sch

Title:

Size: A4

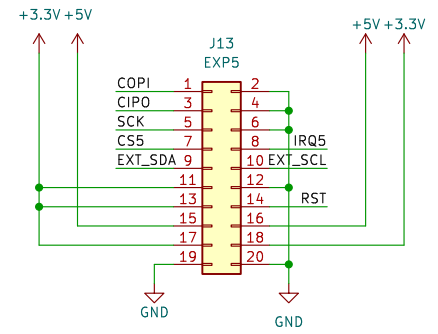
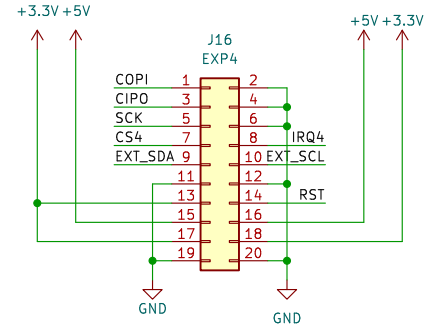
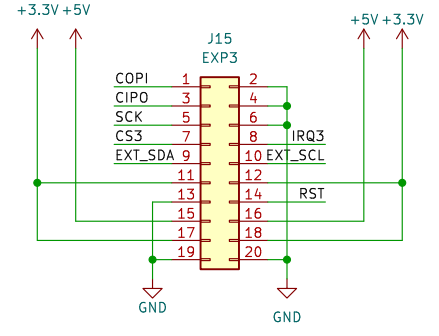
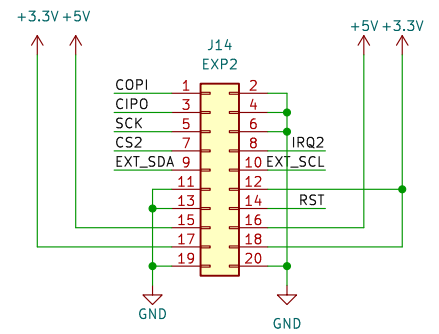
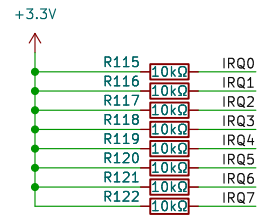
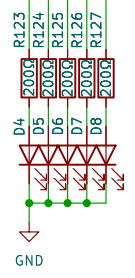
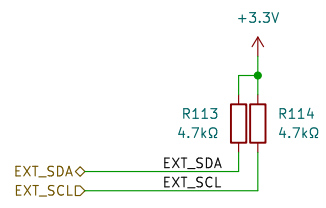
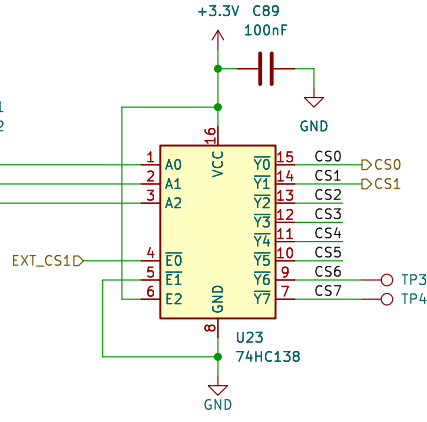
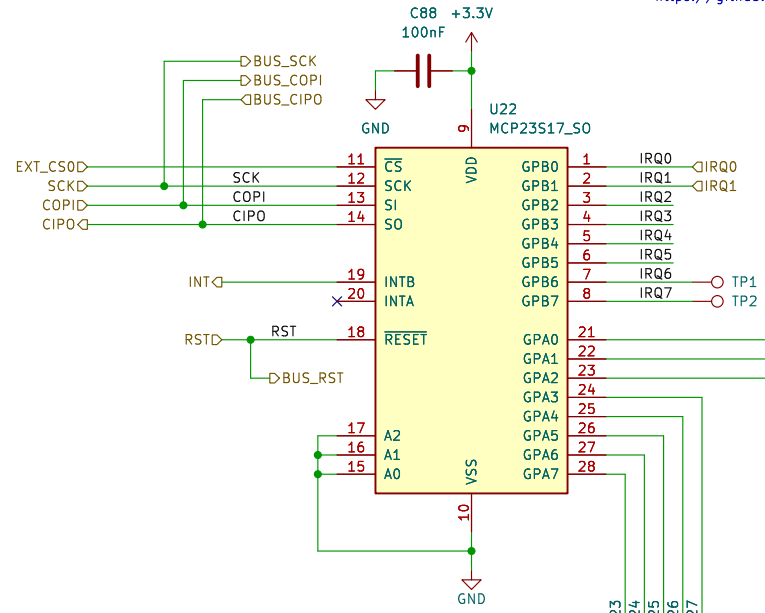
Date:

KiCad E.D.A. kicad 7.0.8-7.0.8-ubuntu22.04.1

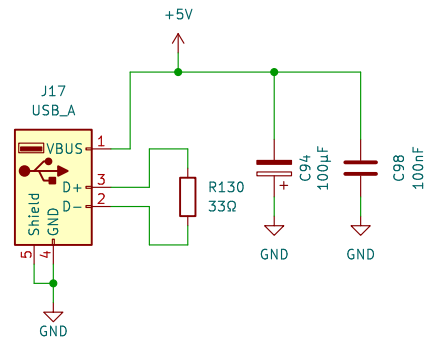
Rev:

Id: 10/12

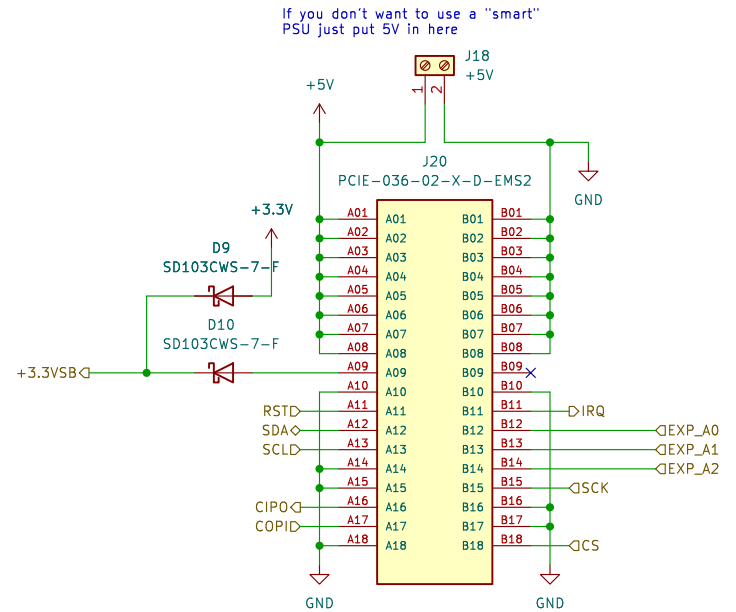
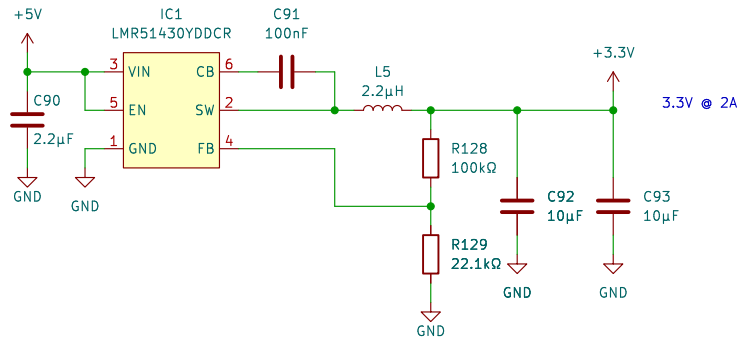
Based on the expansion bus for the Neutron Compute project
<https://github.com/Neutron-Compute>



Sheet: /Expansion/		
File: expansion.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.8-7.0.8-ubuntu22.04.1		Id: 11/12



Power only USB port.
For powering peripherals e.g. Pimoroni 10" HDMI screen
Wired as a BC 1.2 port for 1.5A



If you don't want to use a "smart" PSU just put 5V in here

PSU Connects to the expansion bus for "smart" PSU (e.g. battery and charger) using a PCIe edge connector because they're cheap.

PSU modules must provide their own 3.3V supply (if they need one) and should obstruct the 5V screw terminal when installed.

PSU modules can optionally provide a 3.3V SB supply which feeds the RTC supercap when available.

Sheet: /Power/		
File: power.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.8-7.0.8-ubuntu22.04.1		Id: 12/12