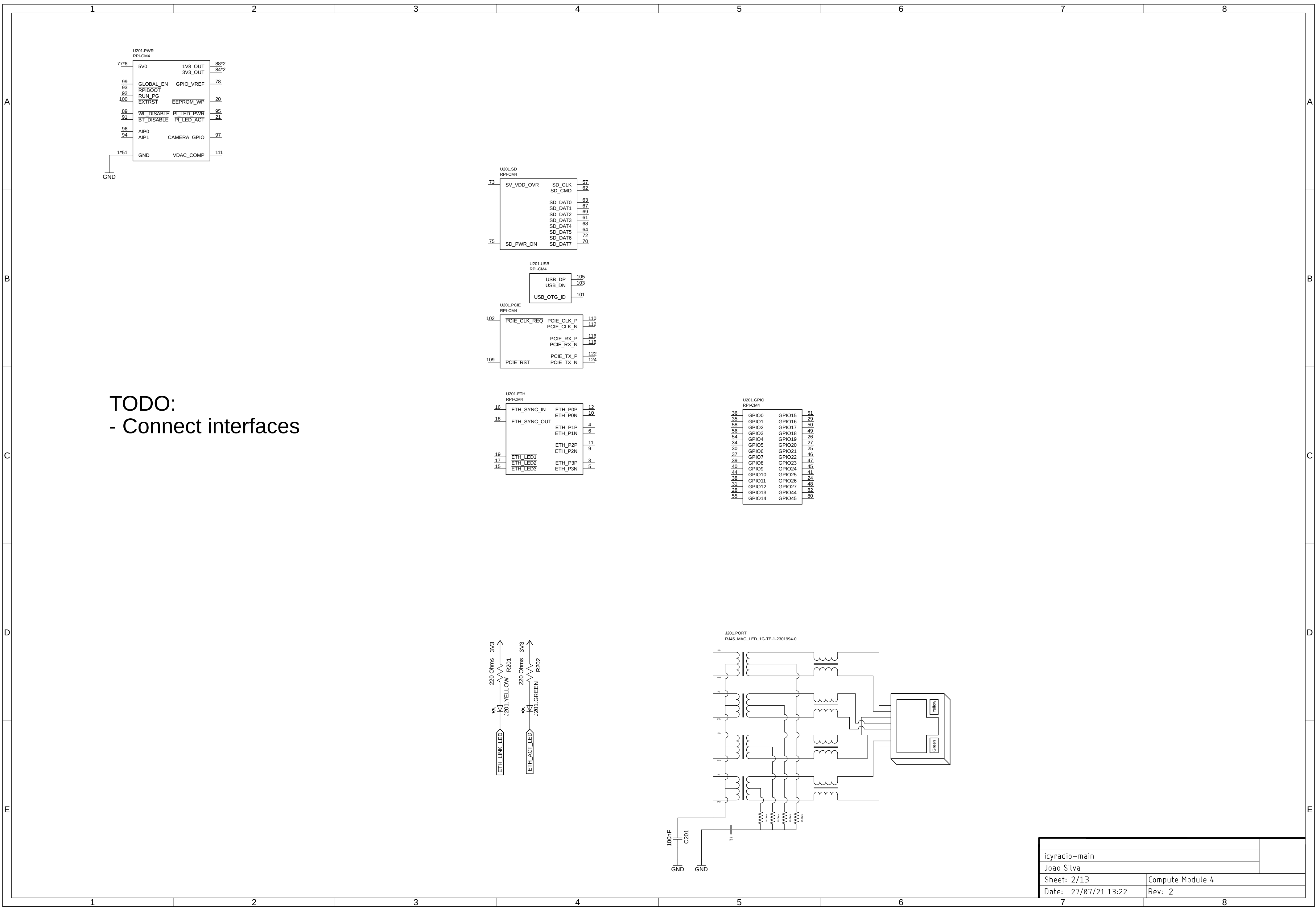
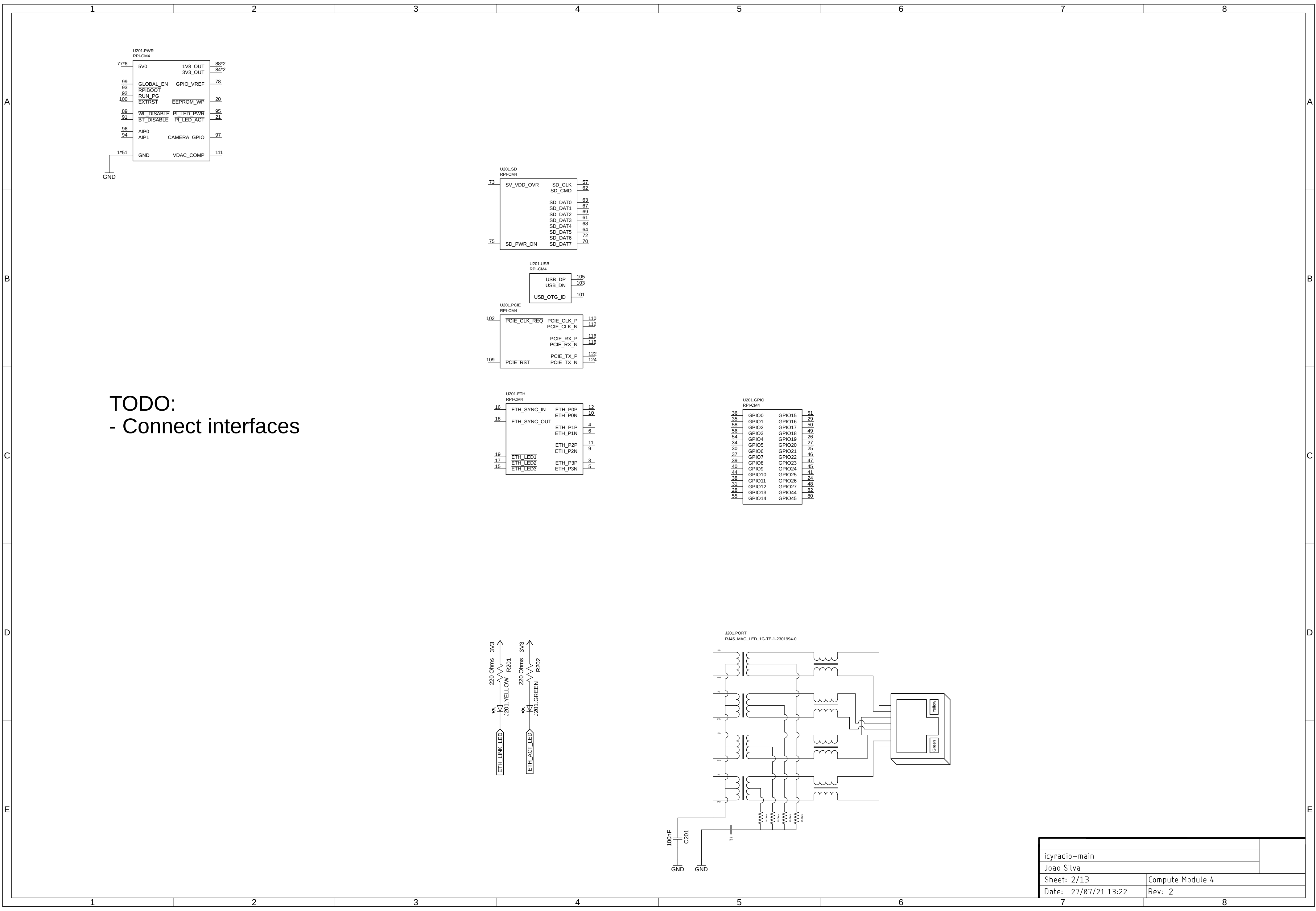
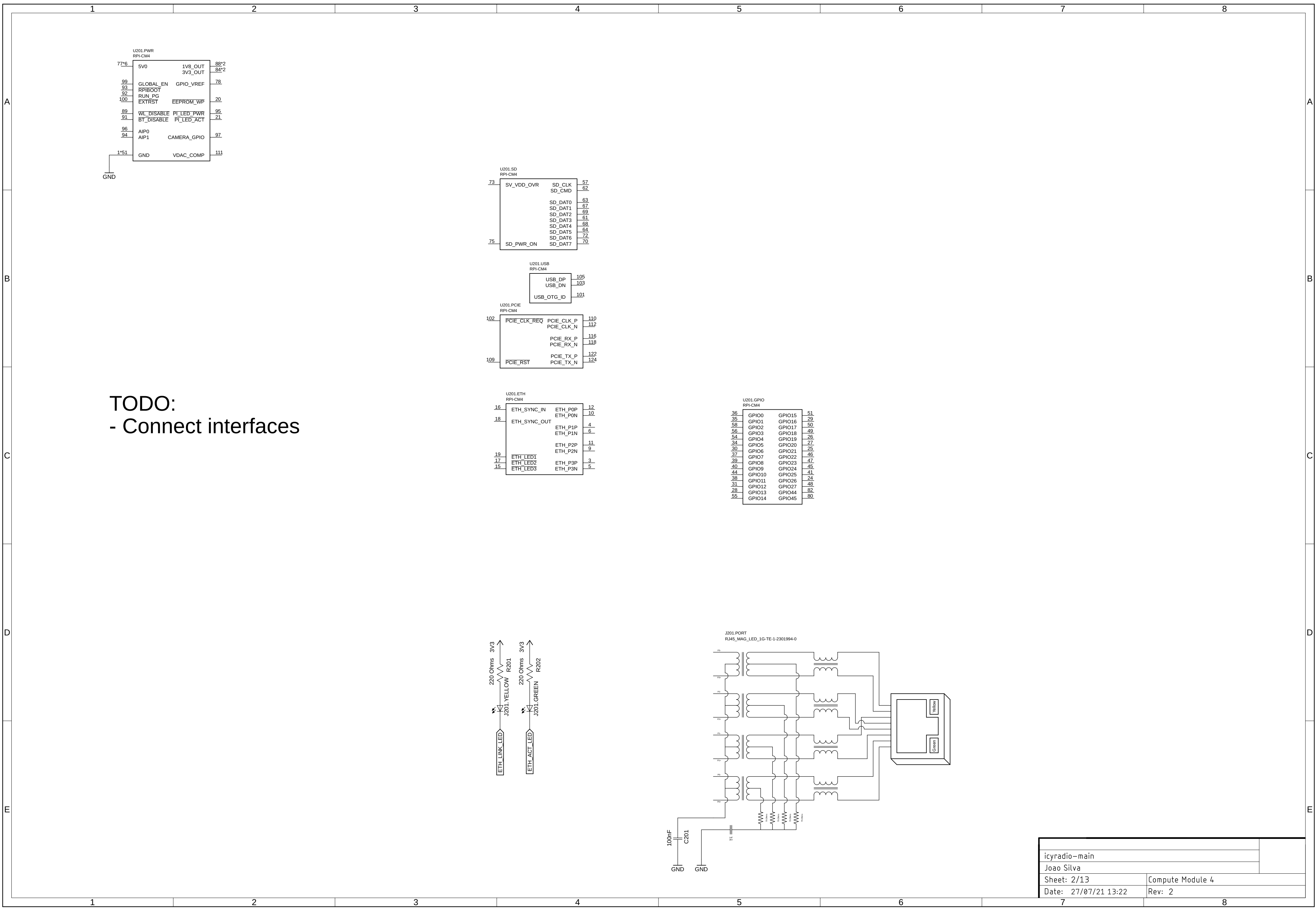
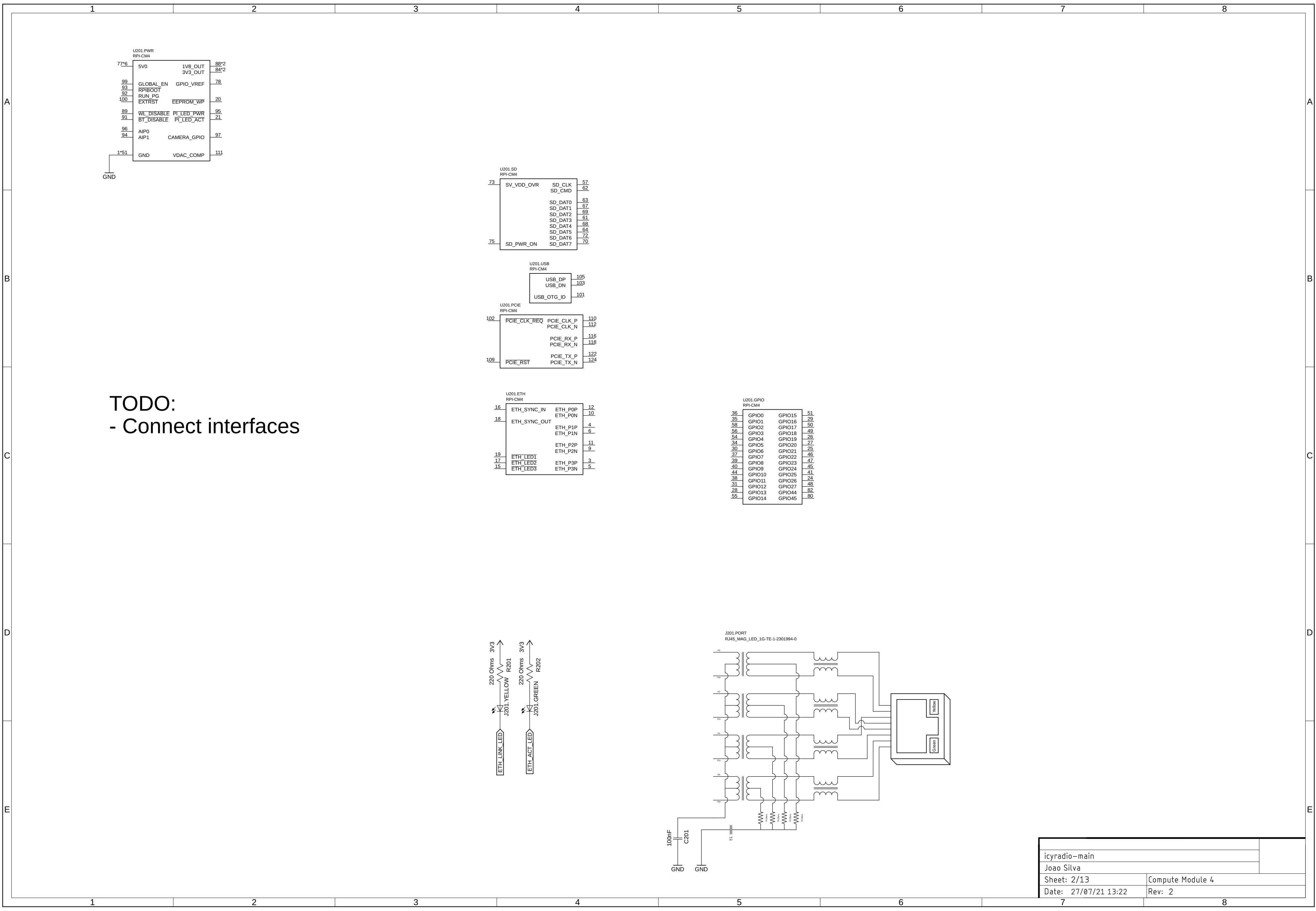
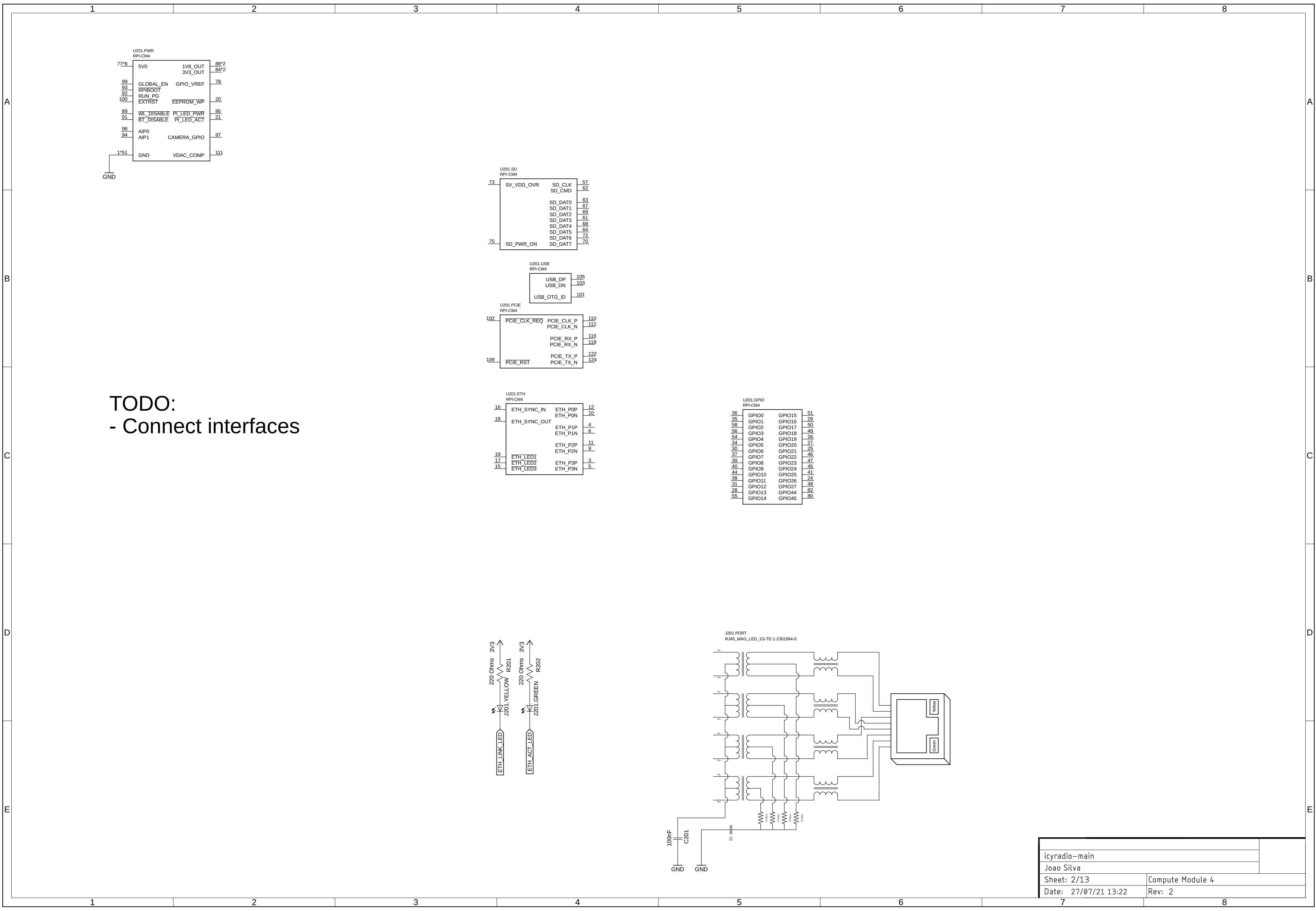
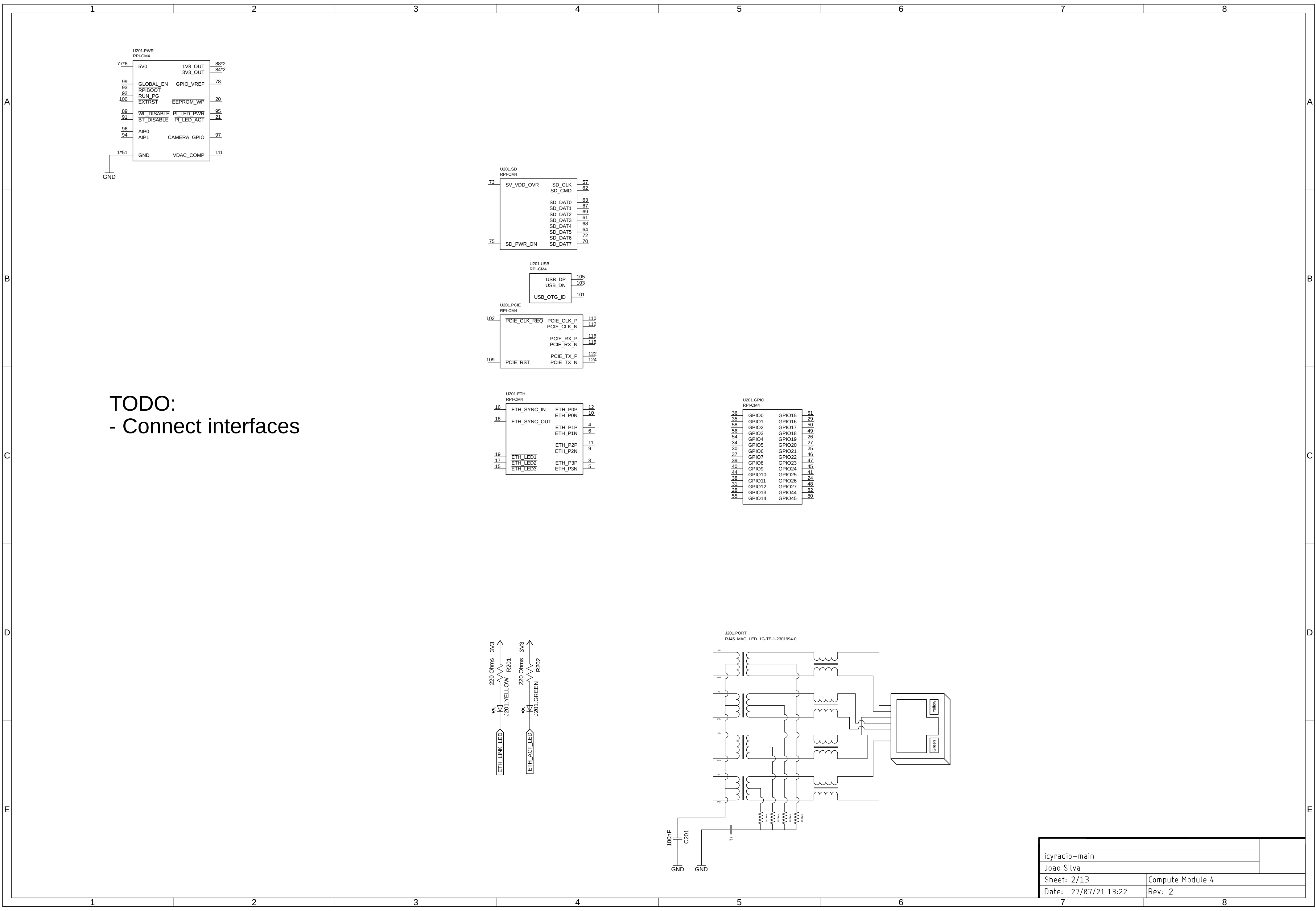
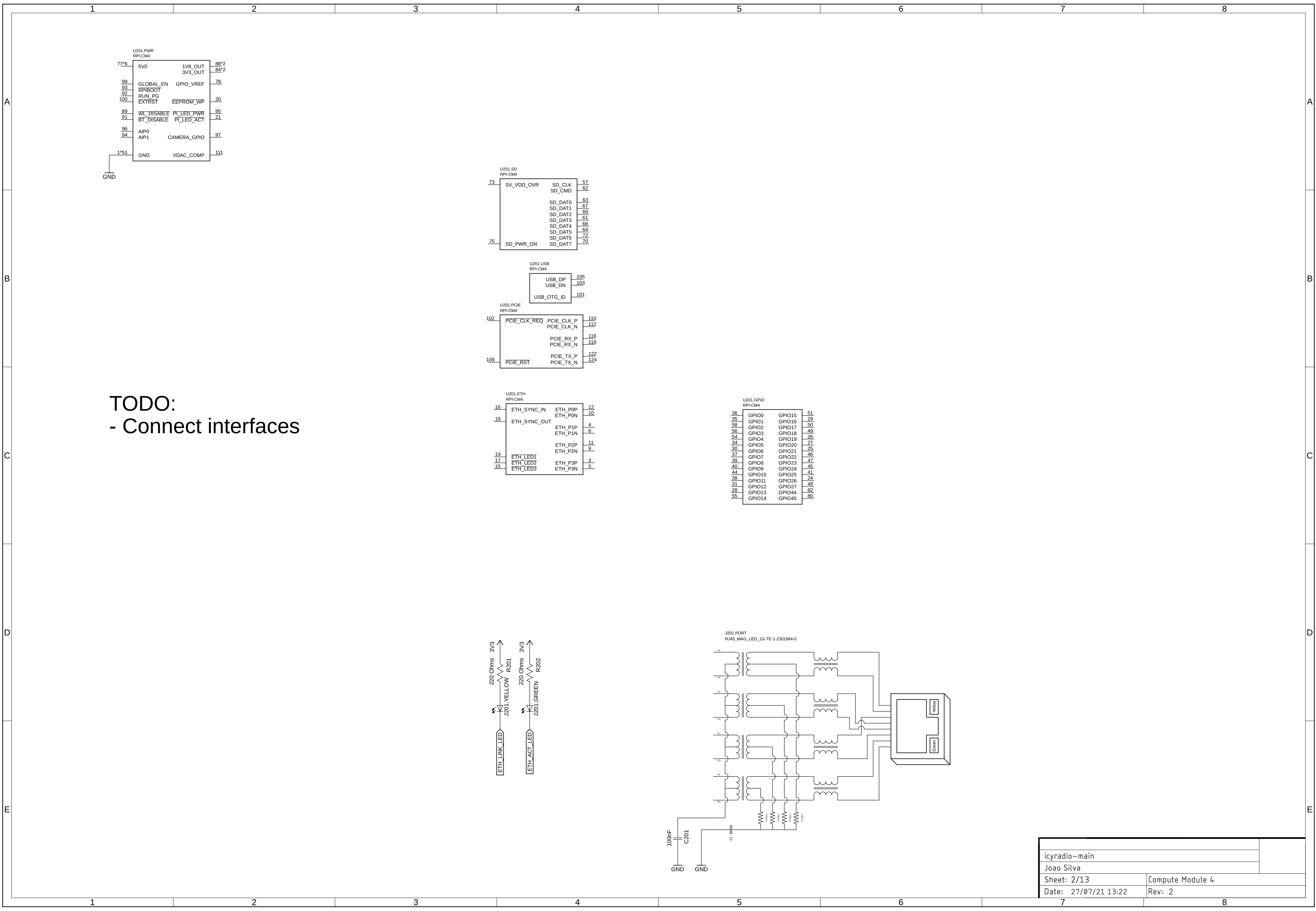
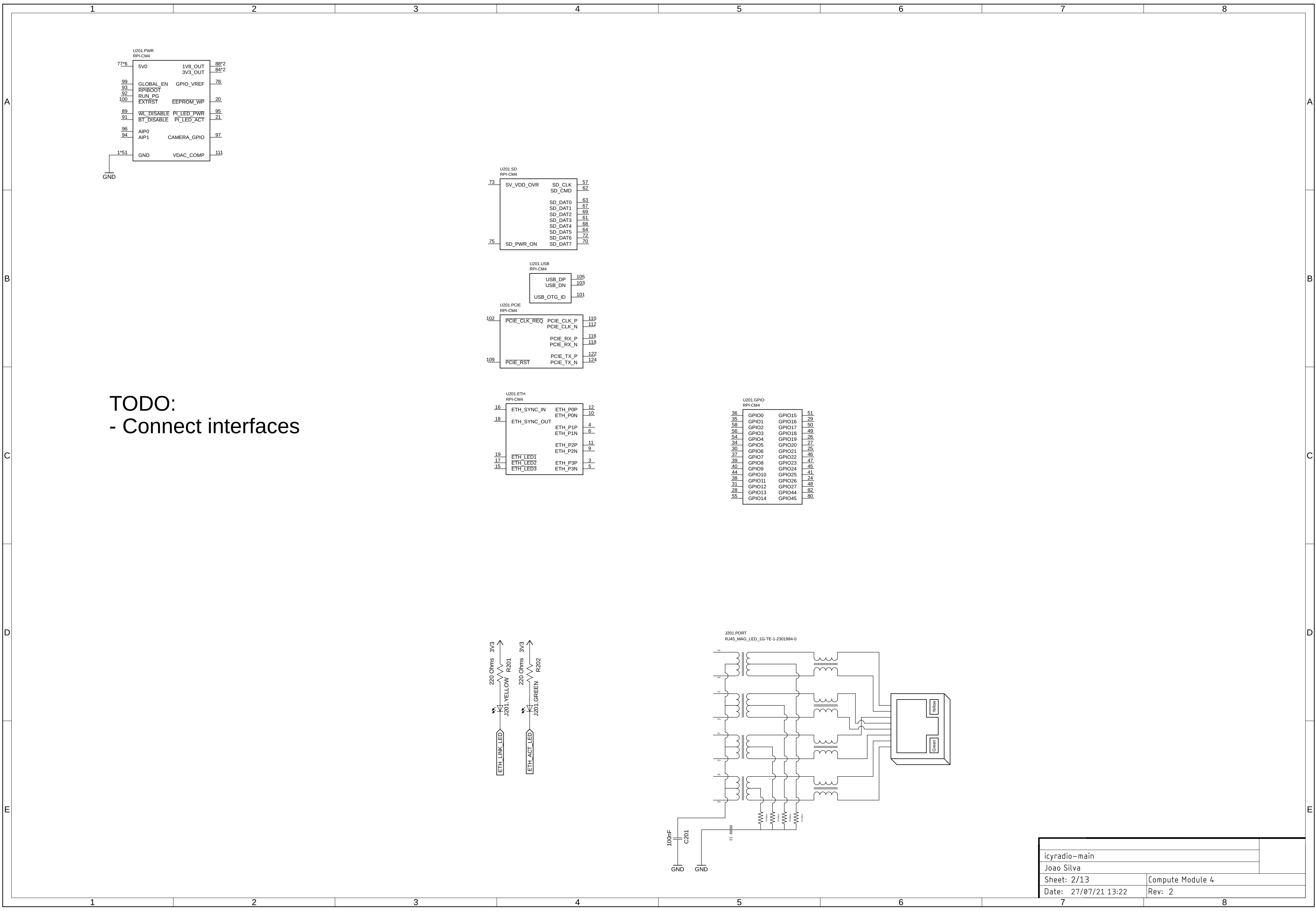
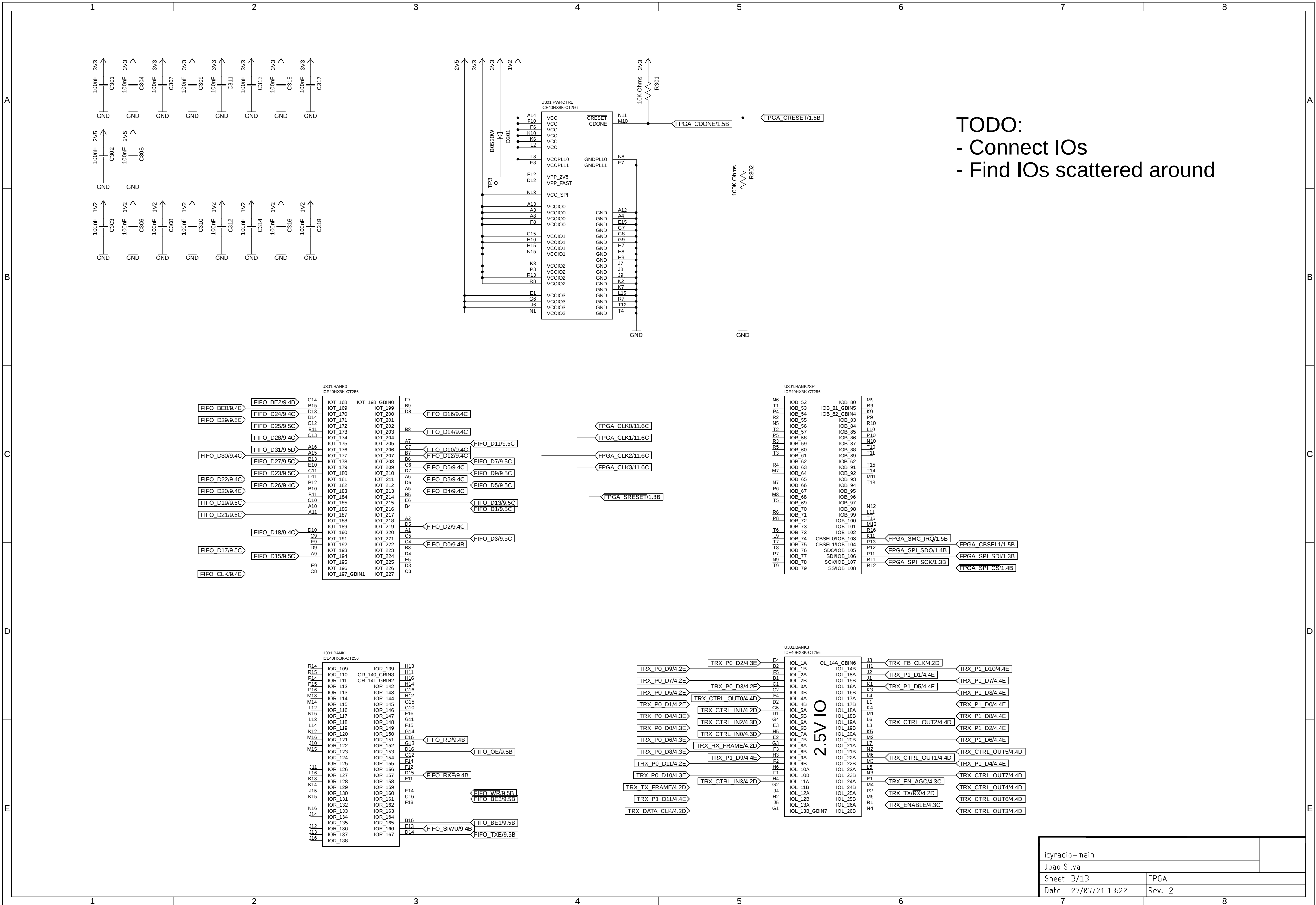


TODO:  
- Connect IOs  
- Find IOs scattered around

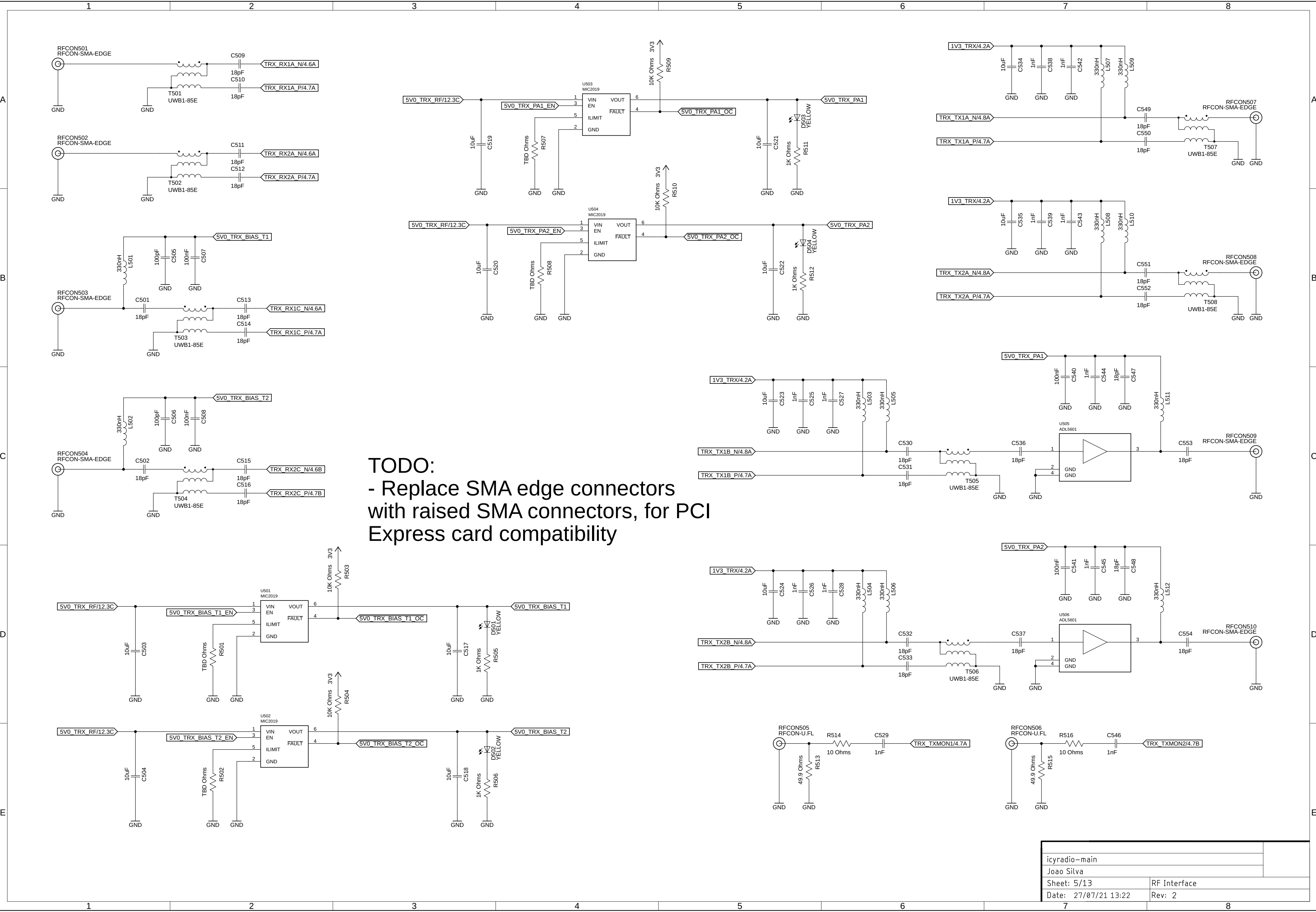
- 3V3
- TC2050-IDC
- TC101-1(VTARGET)
- TC101-4(TCK/SWCLK)
- TC101-2(TMS/SWDIO)
- TC101-6(TDO/SWO)
- TC101-10(RESET)
- TC101-5(GND/5V)
- TC101-3(GND)
- GND





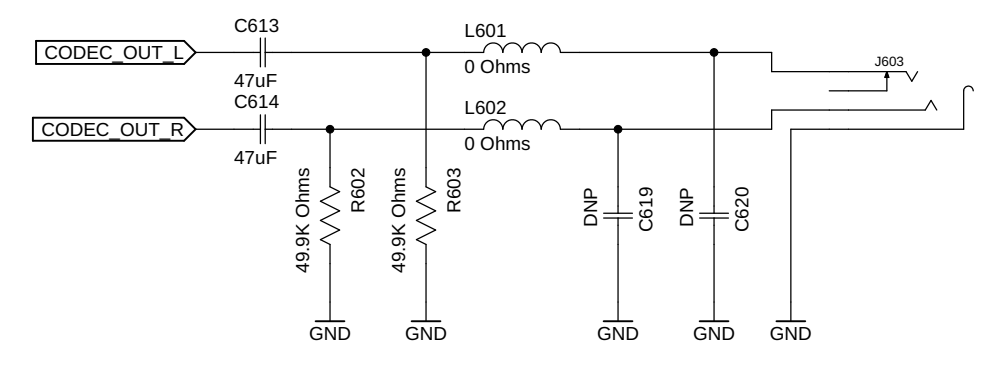
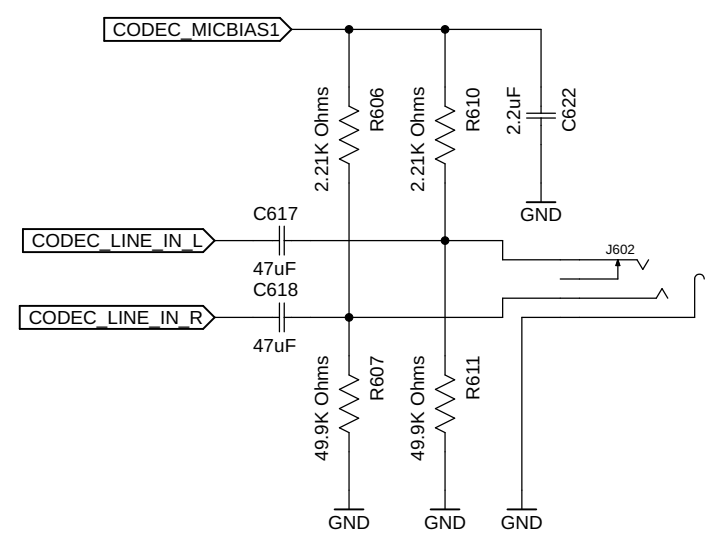
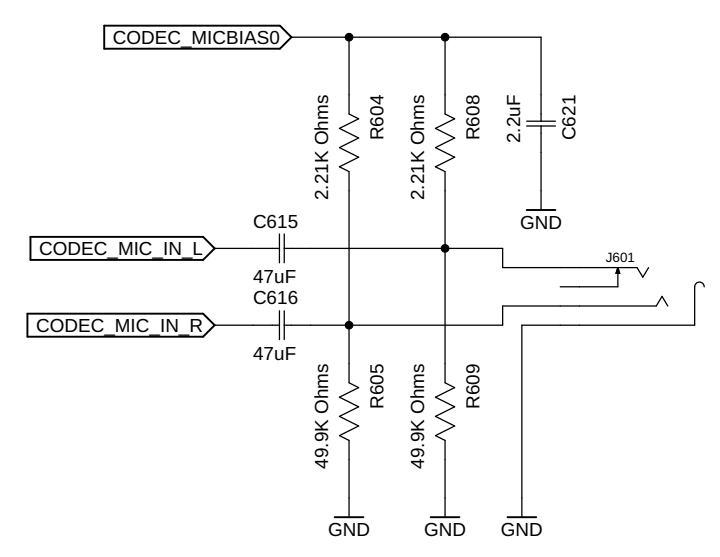
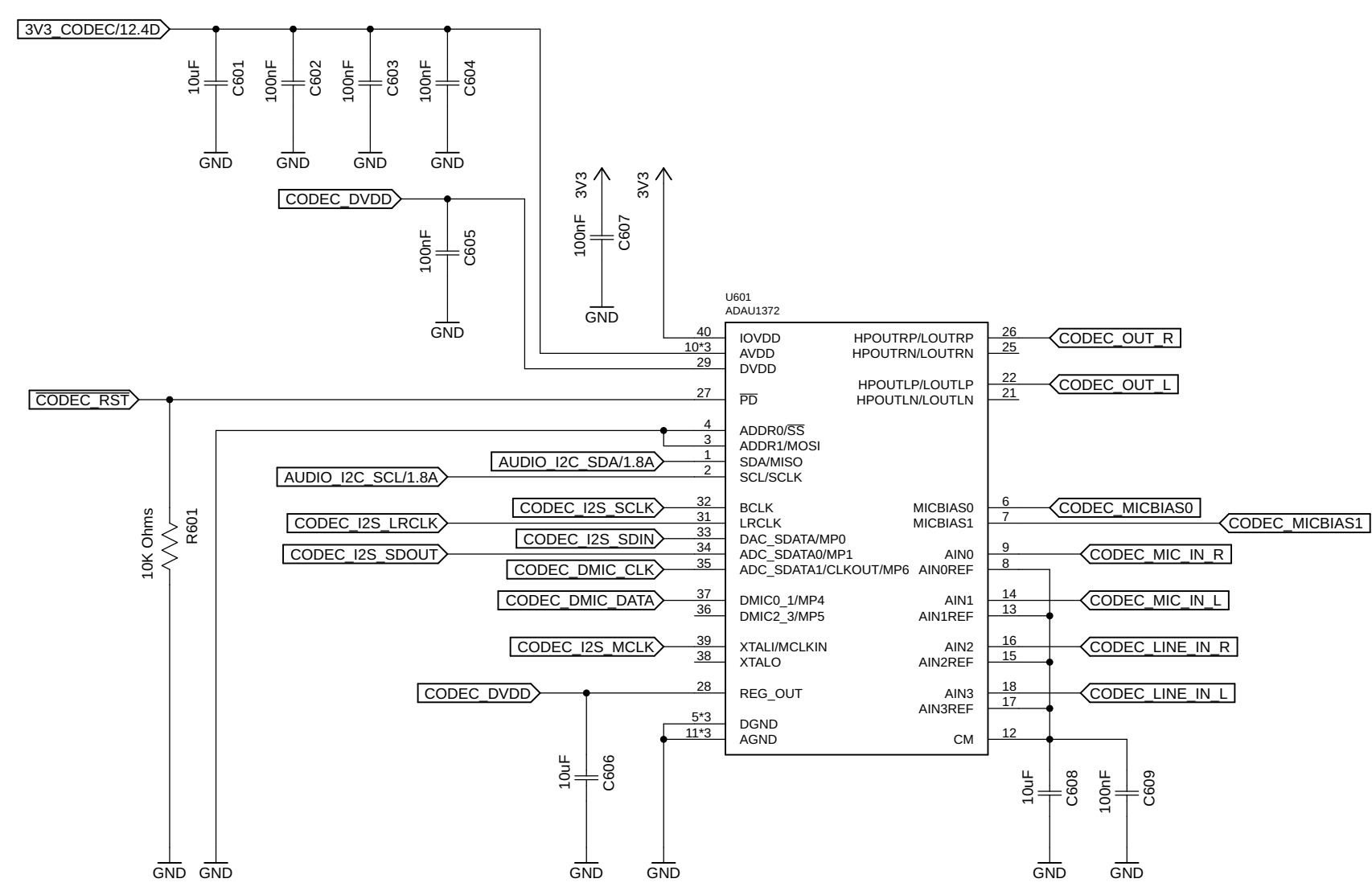
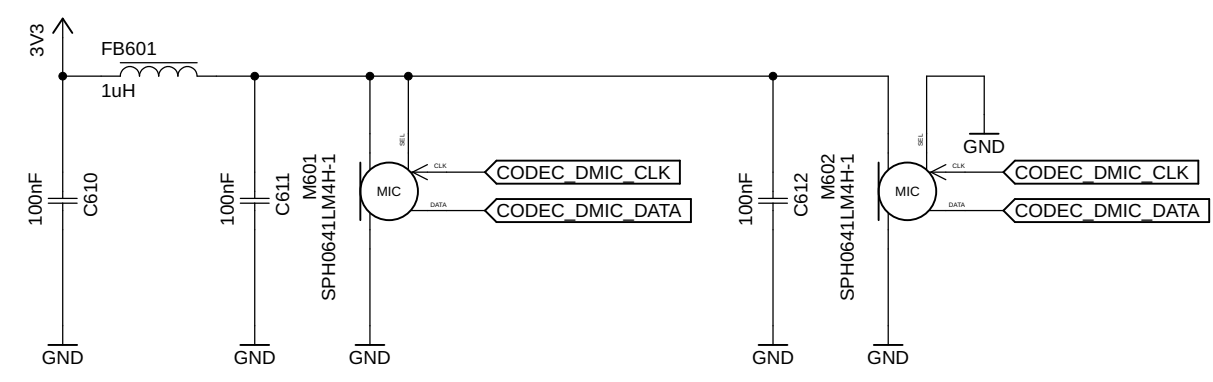
TODO:  
- Connect IOs  
- Find IOs scattered around





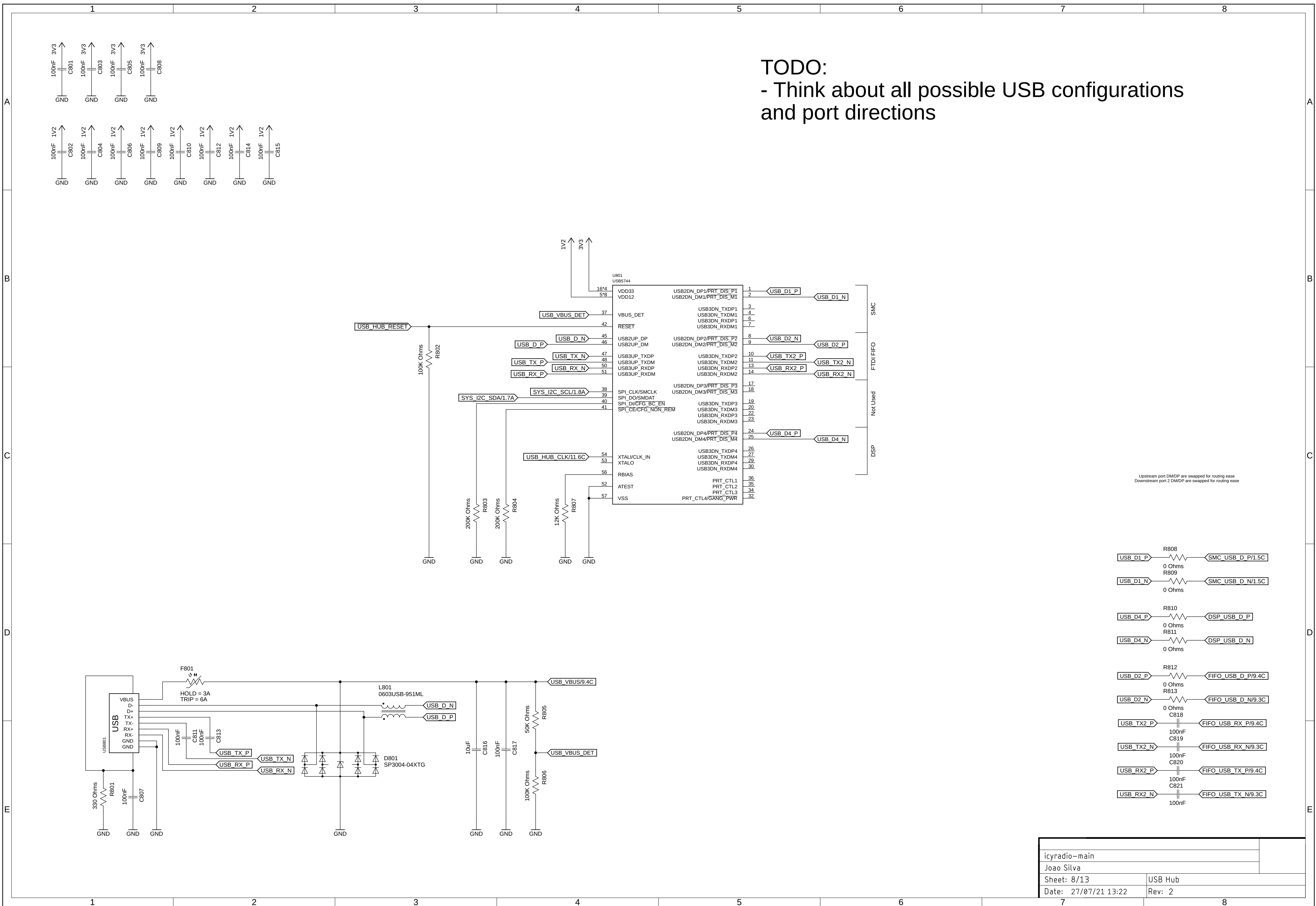
TODO:  
- Replace SMA edge connectors  
with raised SMA connectors, for PCI  
Express card compatibility

TODO:  
- Figure out a smart way to connect this  
no easily available drivers for RPi yet...  
Or replace with a supported CODEC

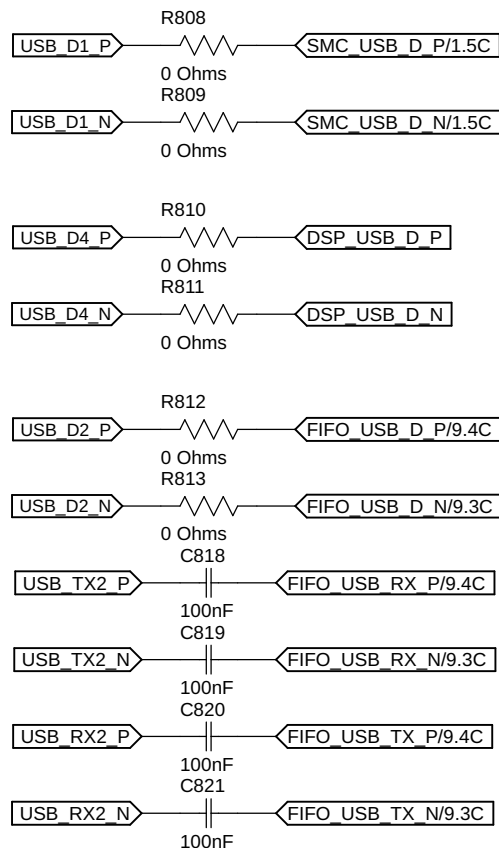




TODO:  
- Think about all possible USB configurations  
and port directions



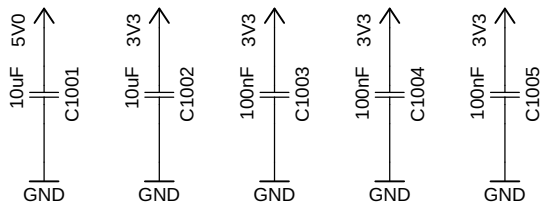
Upstream port DM/DP are swapped for routing ease  
Downstream port 2 DM/DP are swapped for routing ease



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Joao Silva	
Sheet: 8/13	USB Hub
Date: 27/07/21 13:22	Rev: 2

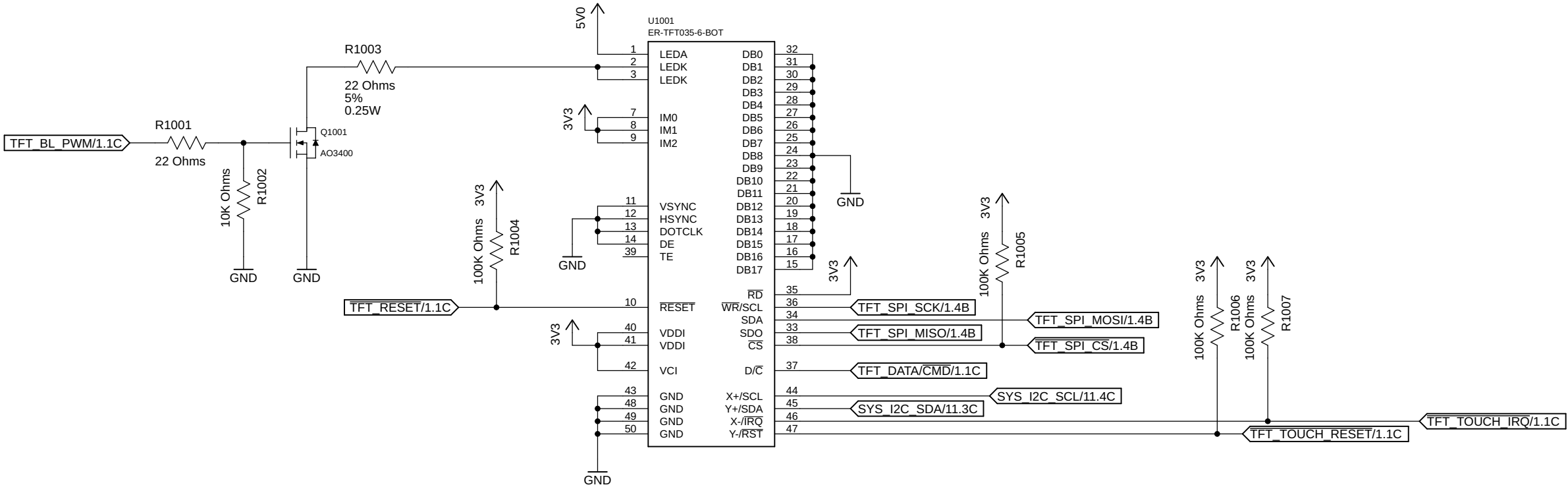


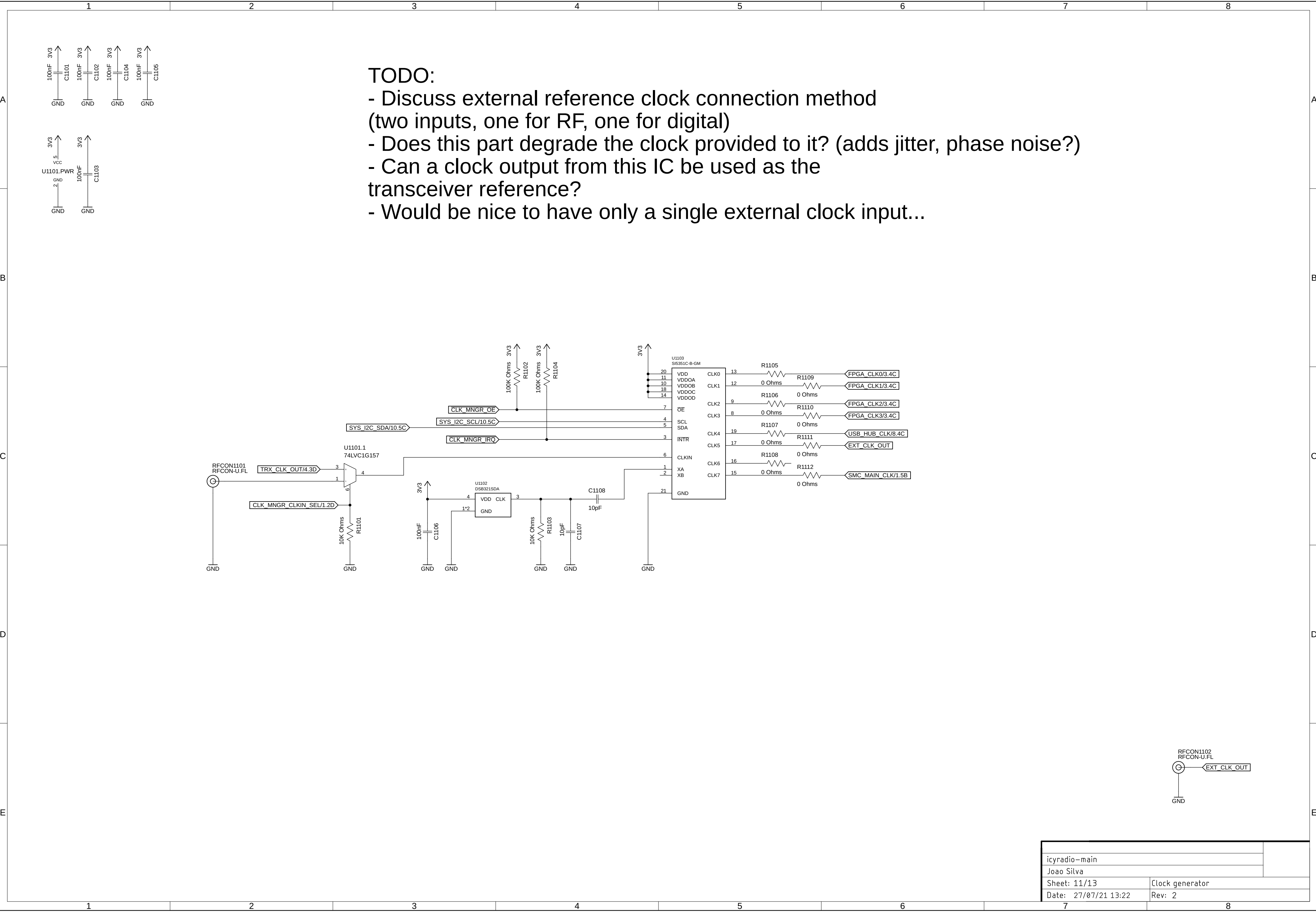




TODO:

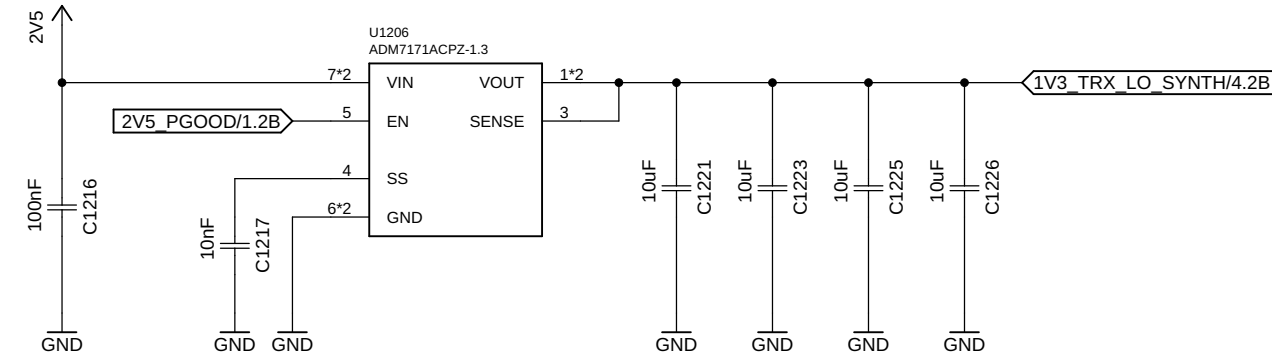
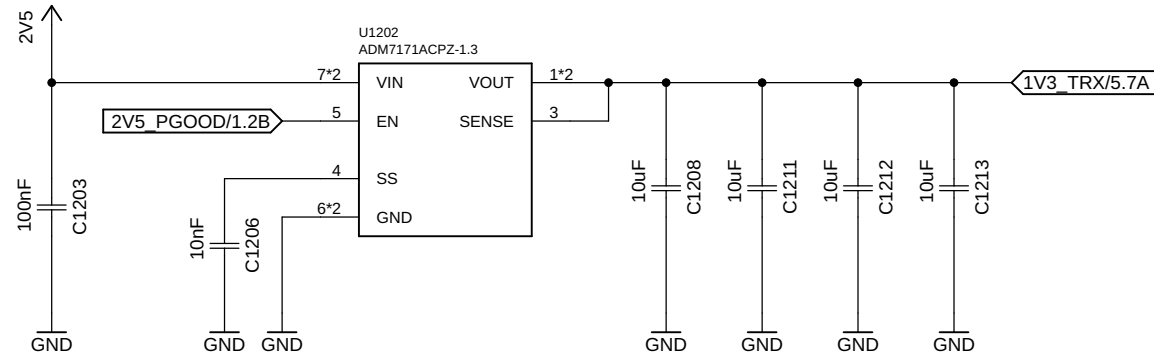
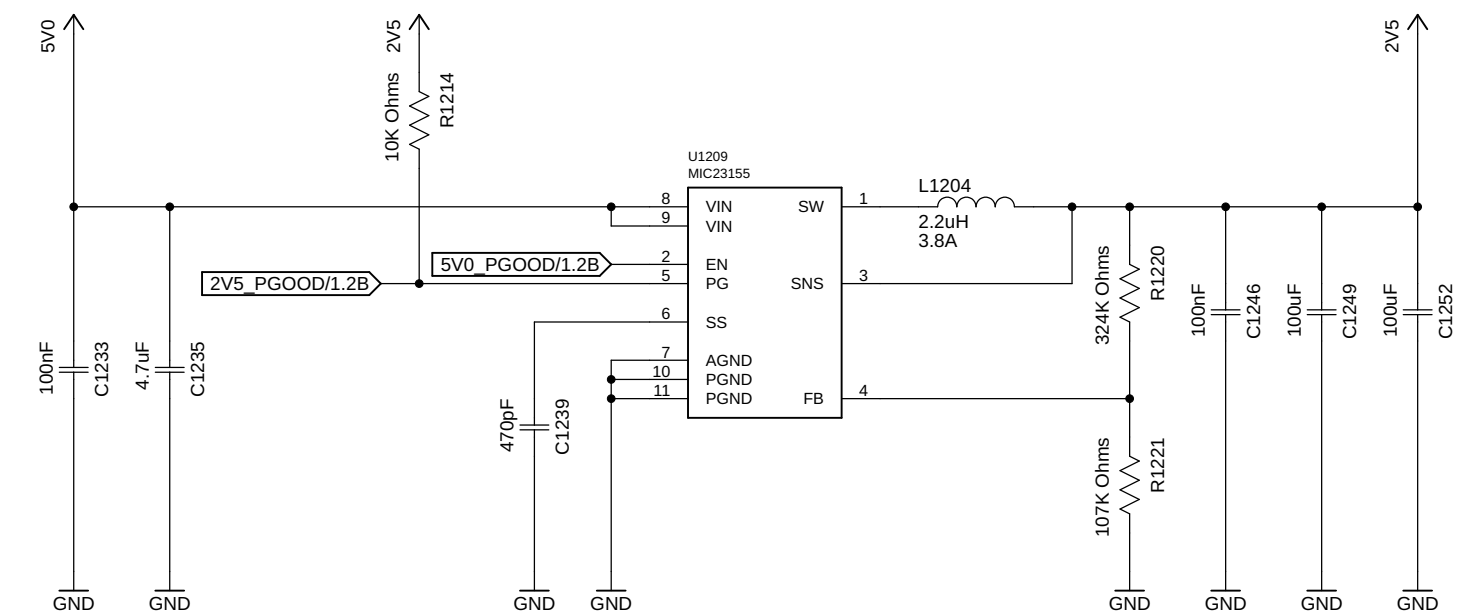
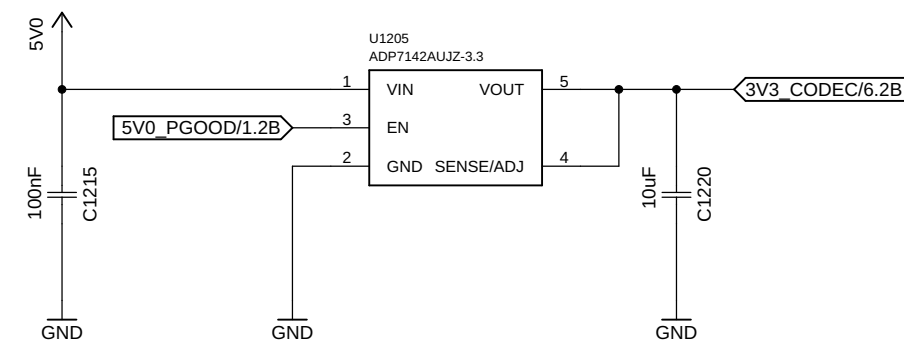
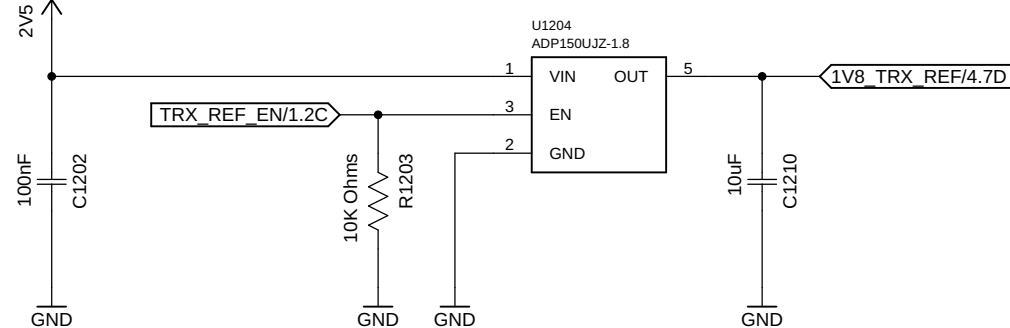
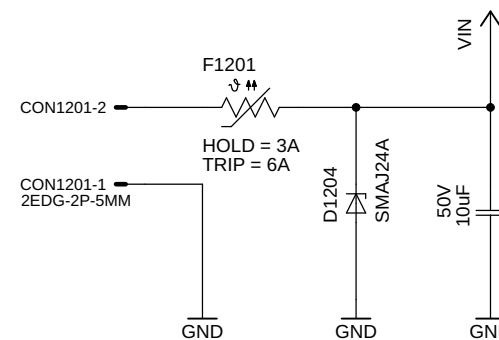
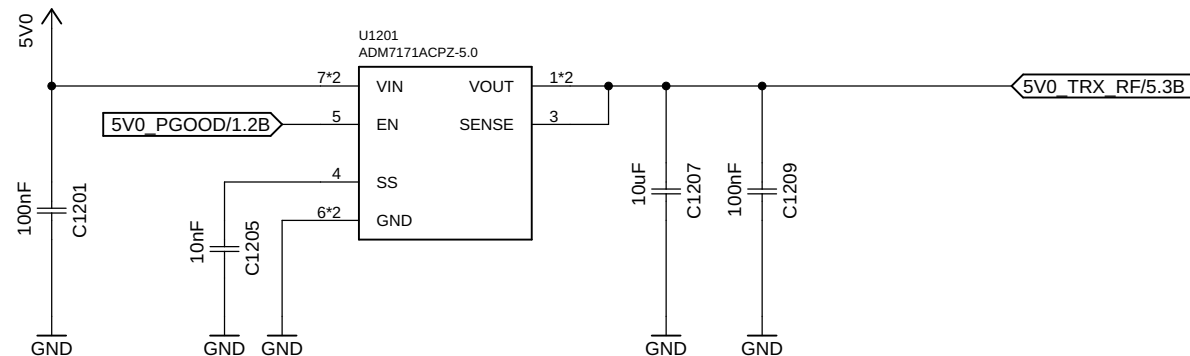
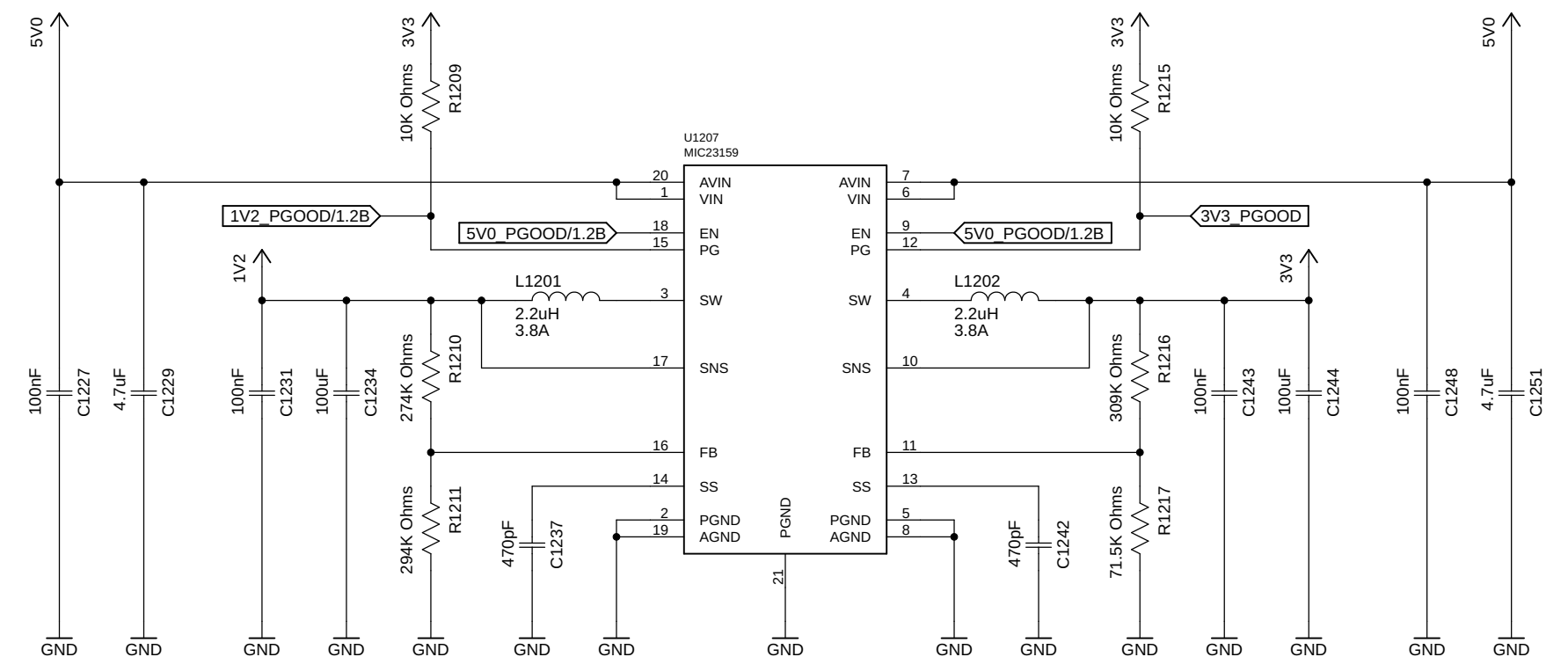
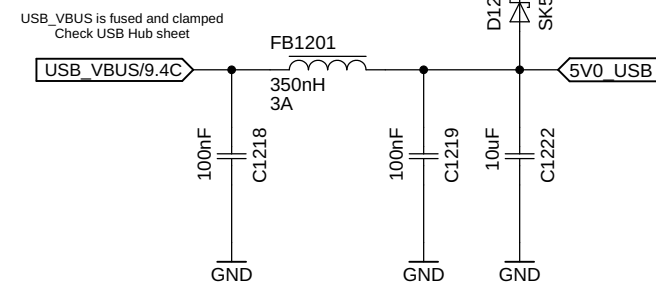
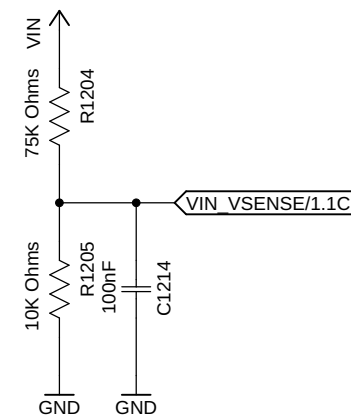
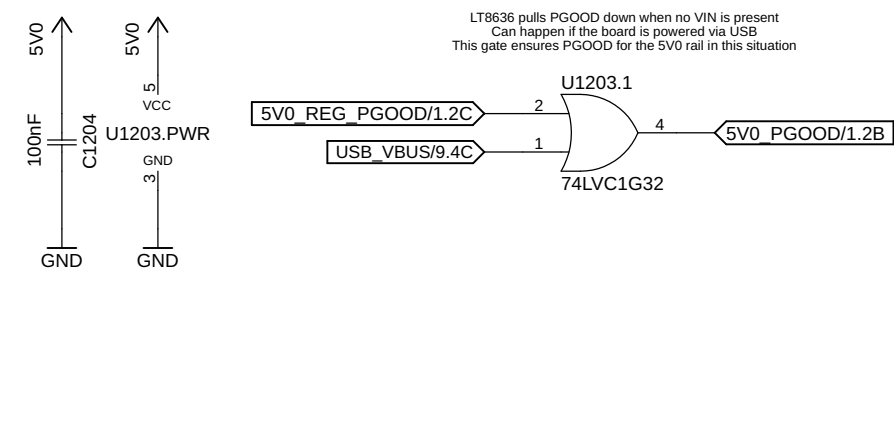
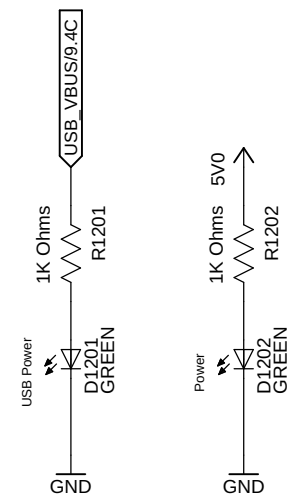
- Probably remove this...
- Phisically constrains the board dimensions and port locations, and routing is harder because of the slot thas has to be cut for the flex cable... Does not add much functionality





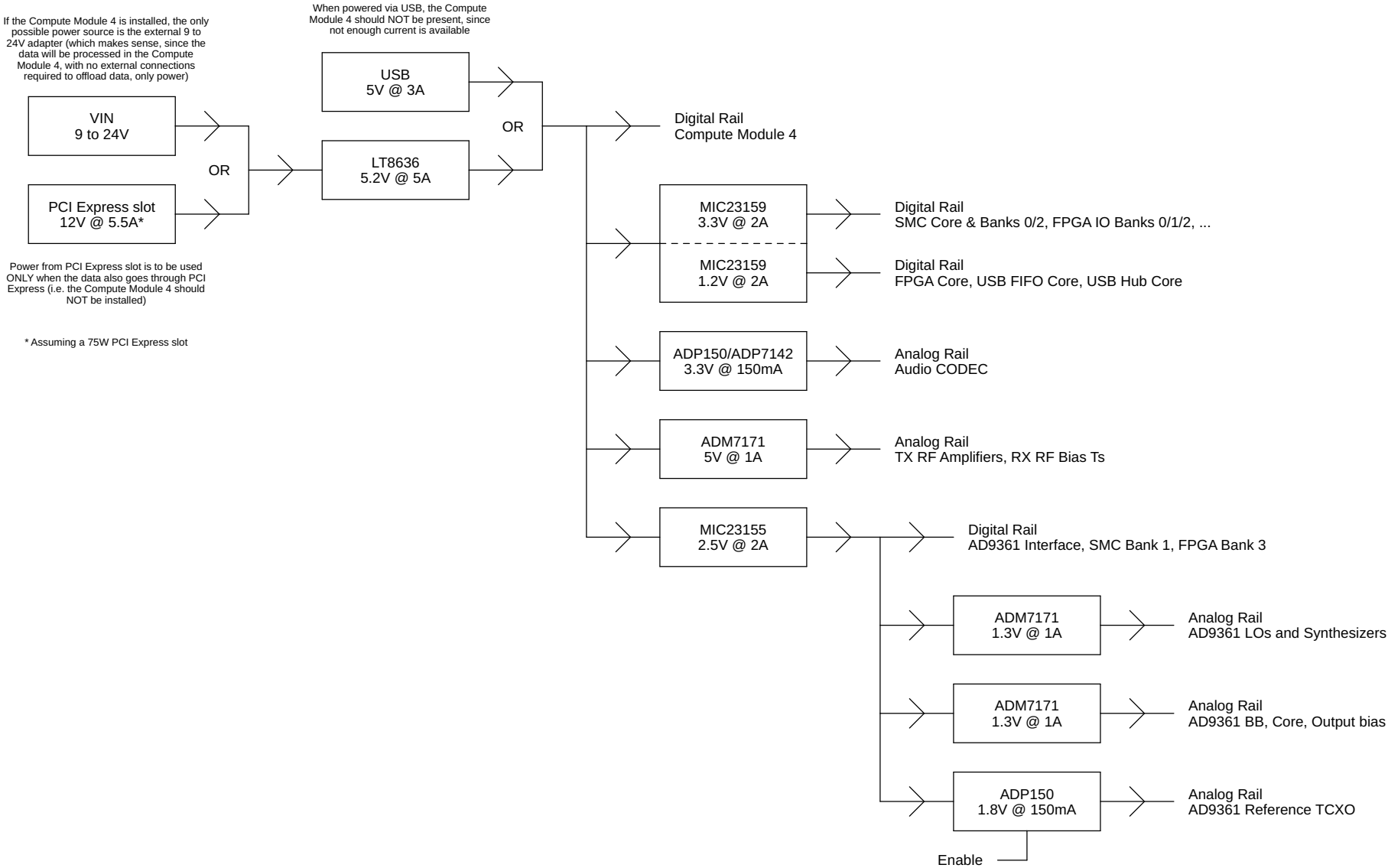
TODO:

- Check all power supplies
- Implement everything in the power tree



TODO:

- Review current requirements
- Check if the parts can supply the requested current



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Joao Silva	
Sheet: 13/13	Power tree
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