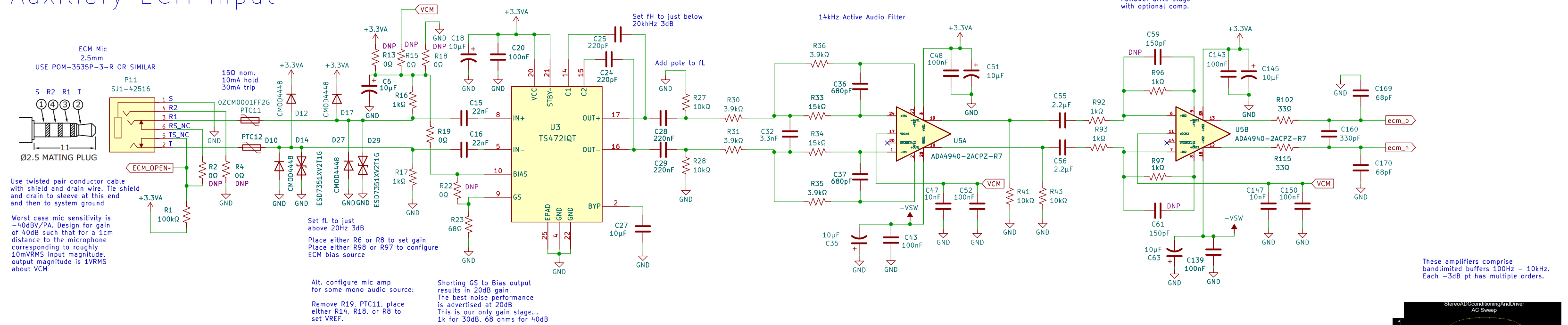


Digital

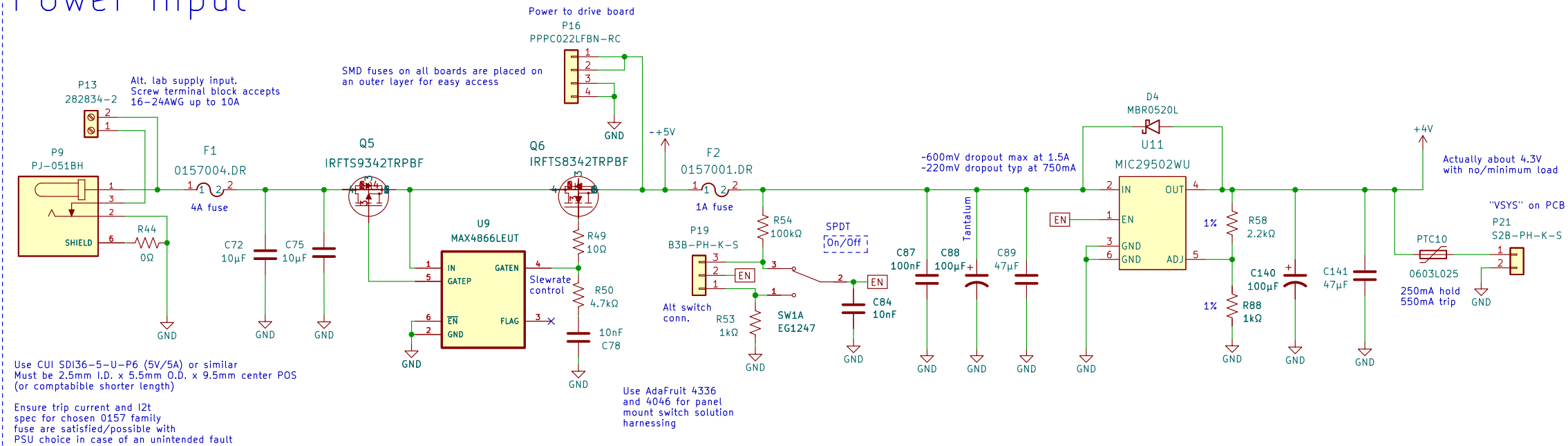
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Auxiliary ECM Input

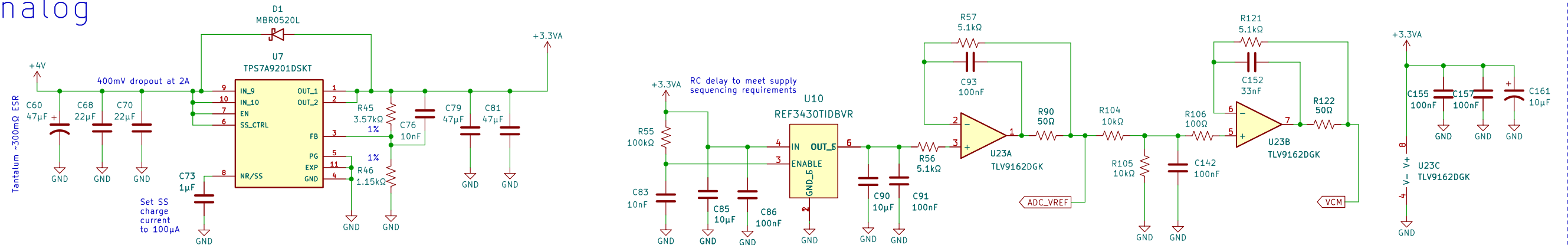


Power Input

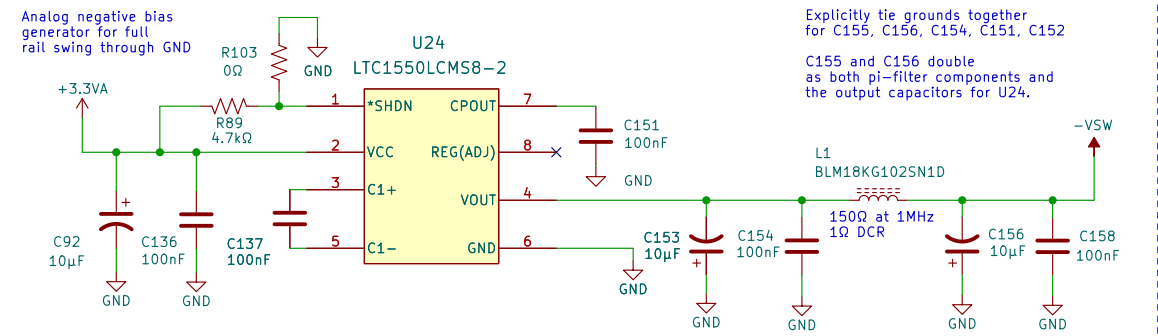
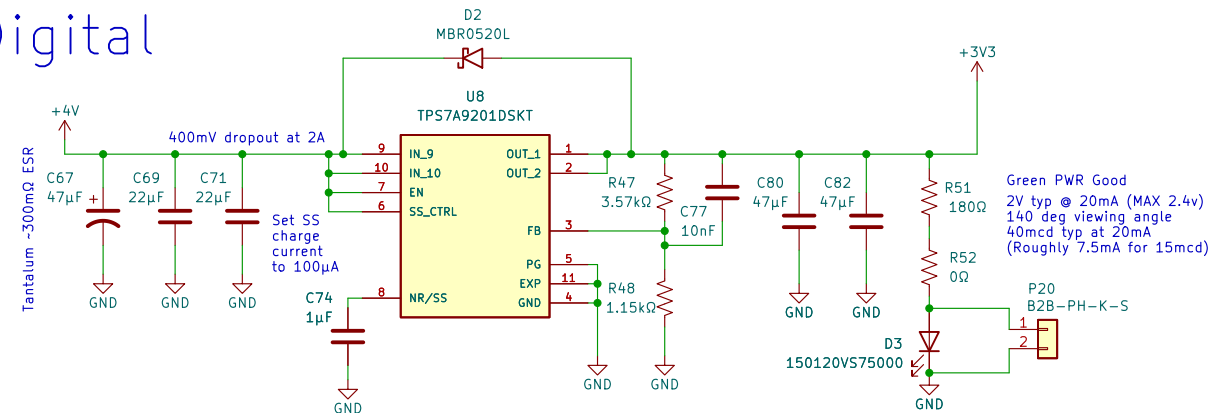


**Derate ALL capacitors 50%

Analog



Digital



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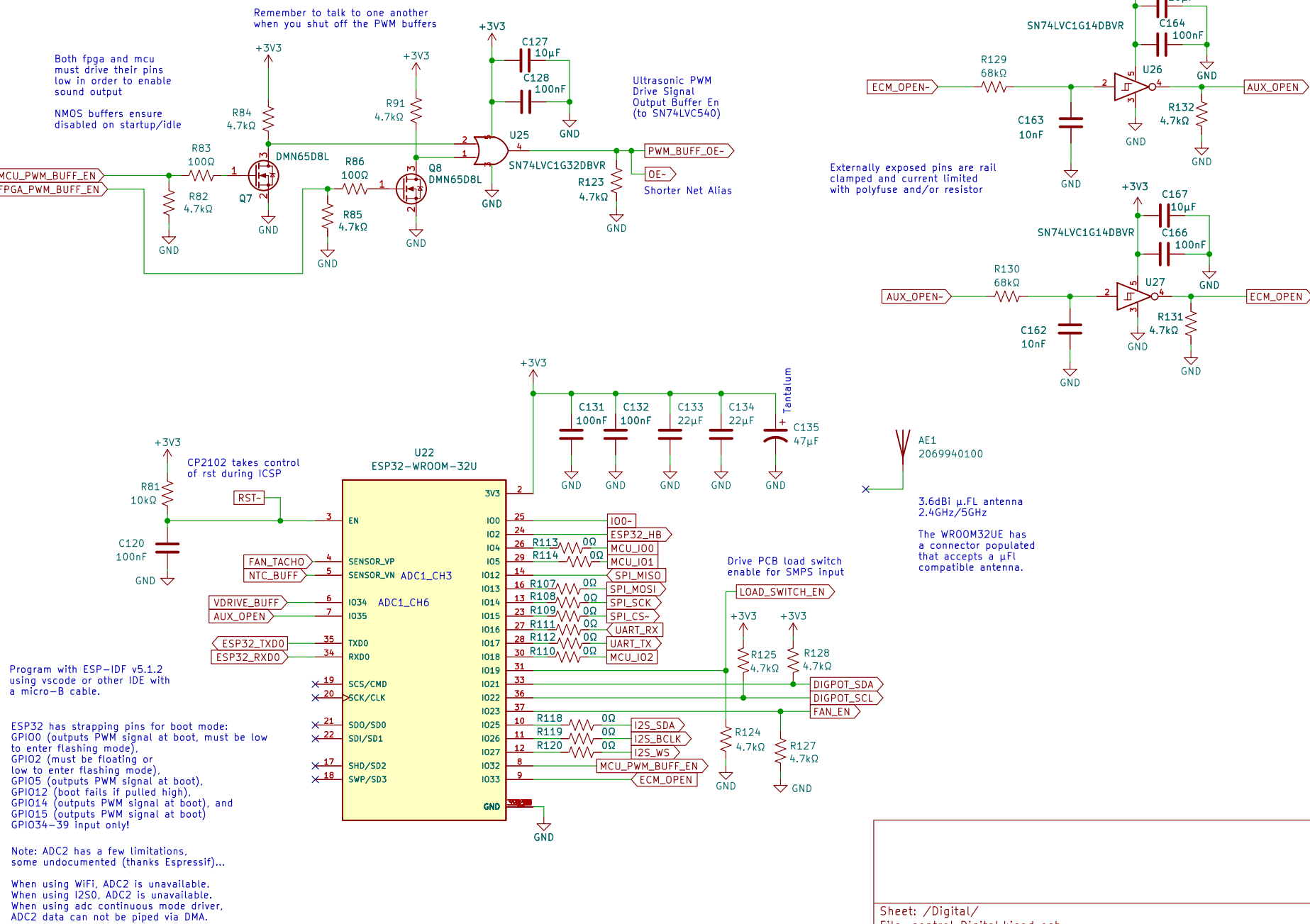
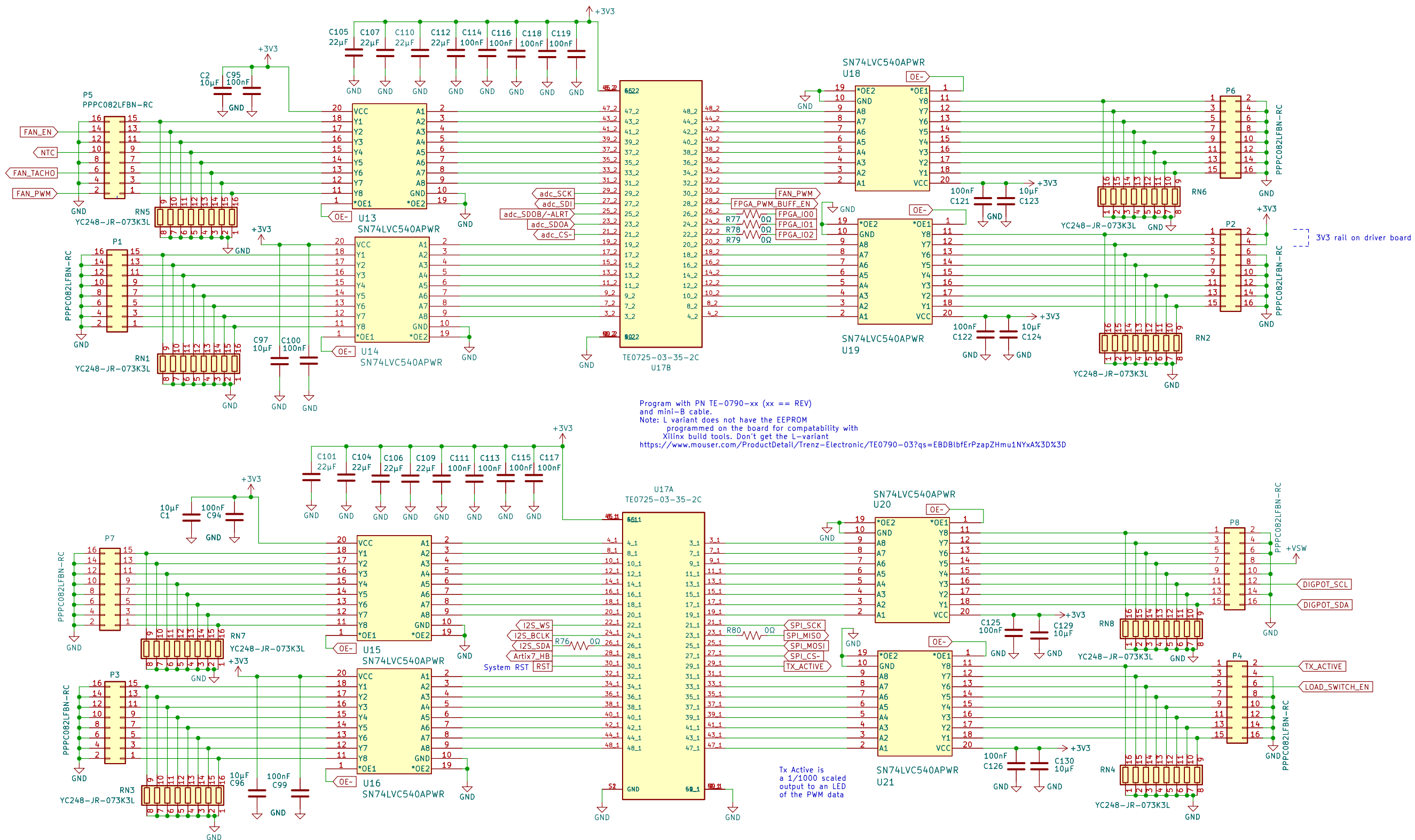
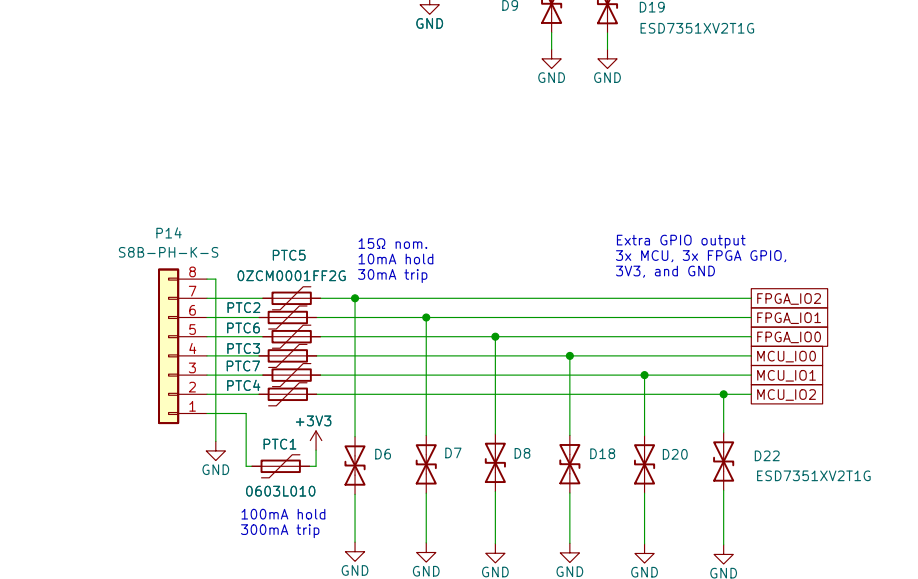
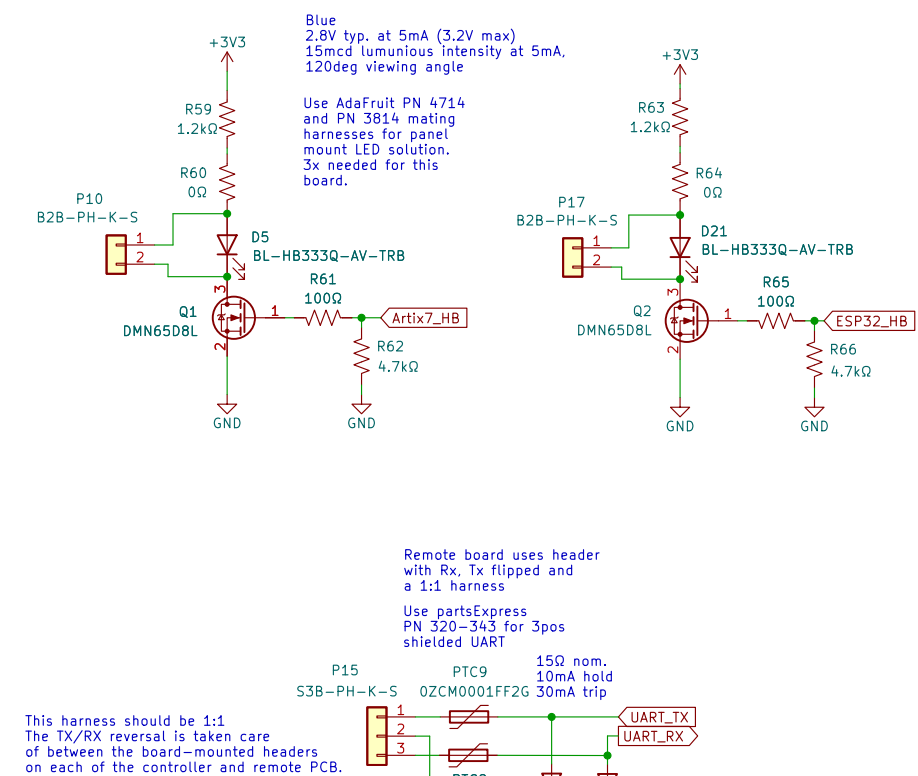
Controller PCB – DIGITAL

Headers P1–P8 correspond 1:1 to headers P1–P8 on the ultrasonic drive board

Desired height from board - 10mm
2.5mm spacer common to pinheaders
7.5mm female receptacle for 6mm long pins
then use 10mm standoffs for mounting
Add 0.5mm – 1mm washers to increase height of mounting posts for better fit.

This board requires the following additional hardware for mating with the driver PCB:
– 4x 20mm threaded male M2.5 brass standoffs
– 8x 0.5mmH M2.5 brass washers
– 4x 10mm threaded female M2.5 brass standoffs
– 4x 5mm threaded male M2.5 brass standoffs

In addition, the following hardware is required to mount the FPGA:
– 4x 5mm threaded male M2.5 brass standoffs
– 2x 5mm threaded female M2.5 brass standoffs
– 4x 0.5mmH M2.5 brass washers



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