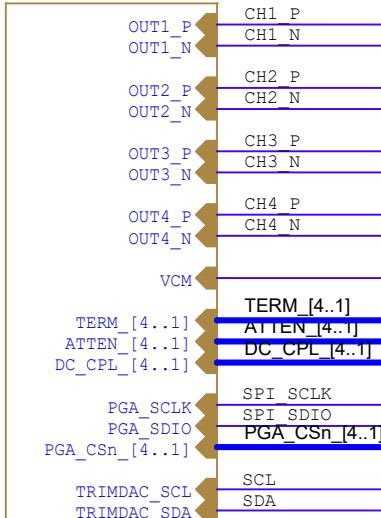
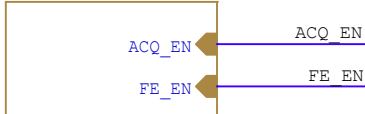


Front End

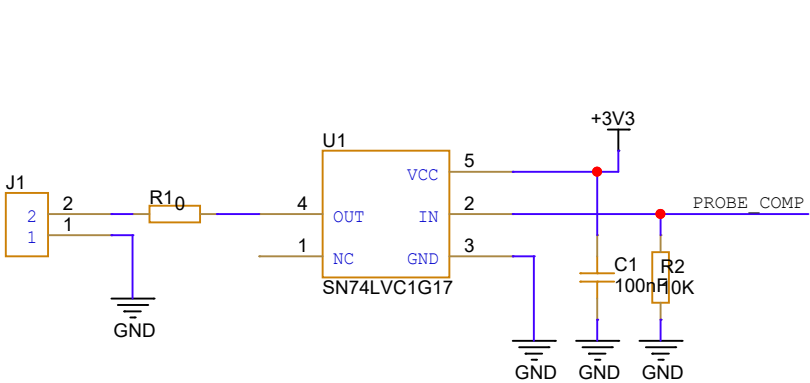


FE  
5V2: 1.05A (5.46W) pre-config, 0.807A (4.20W) post-config  
3V3: 0.184A (0.61W) for 4.5V relays  
3V3: 0.408A (1.35W) for 3V relays  
0.74W saved

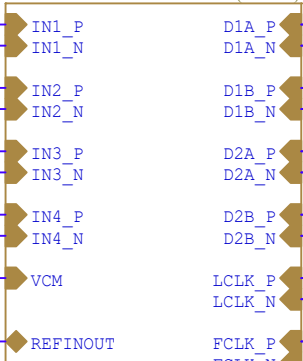
POWER



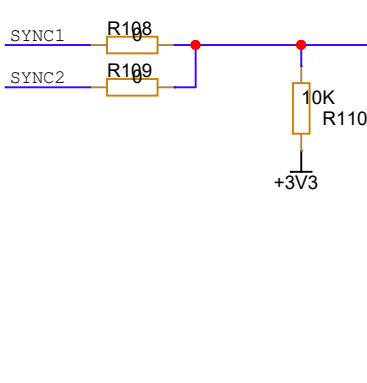
PWR



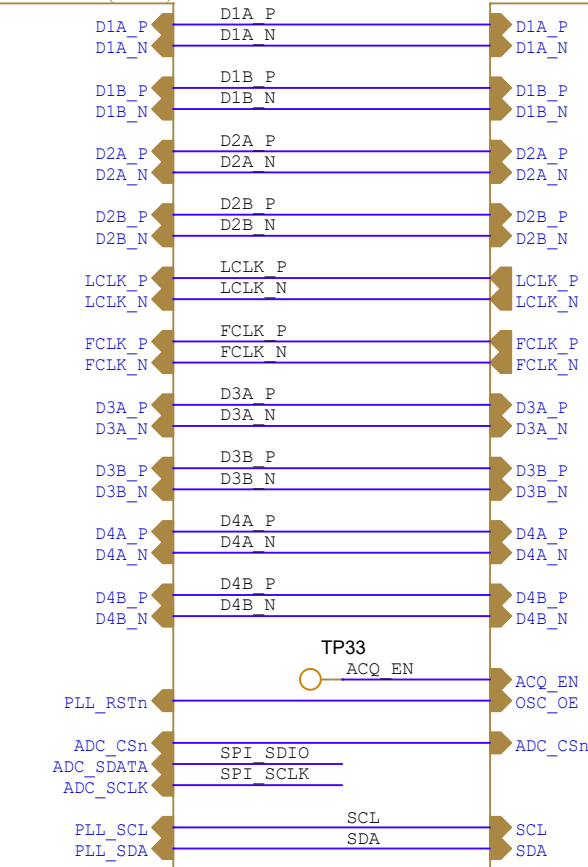
ADC



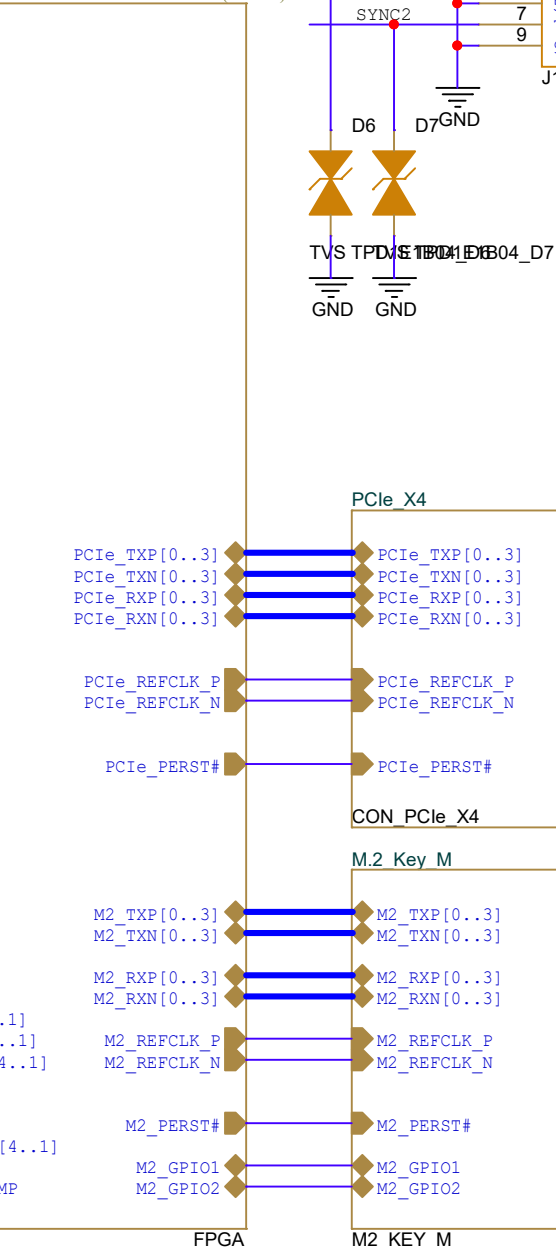
ADC



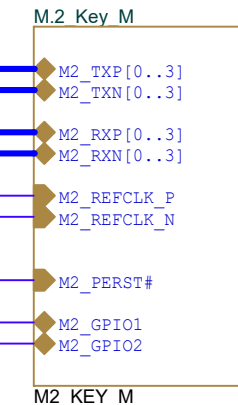
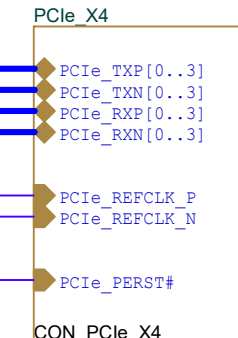
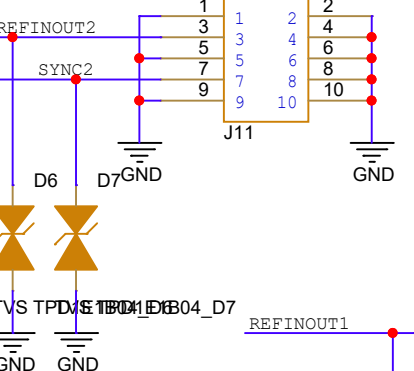
3V3: 0.519A (1.71W)



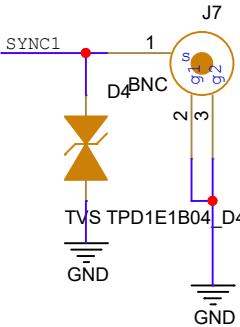
\*TE0712\* 3V3 FPGA Module (56W)

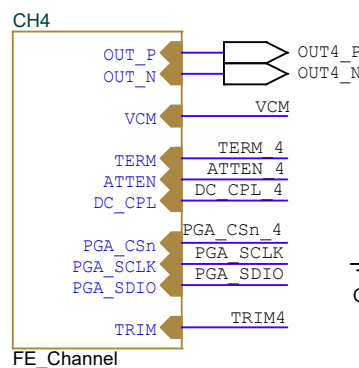
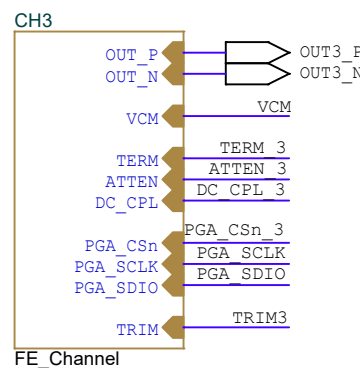
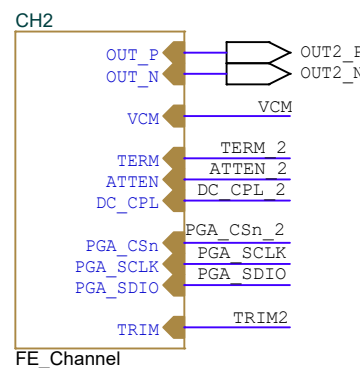
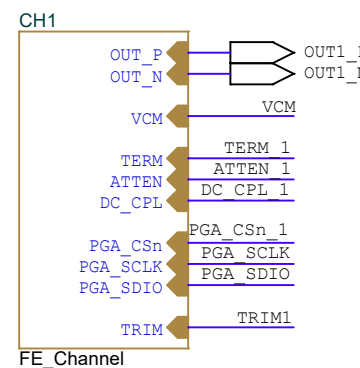
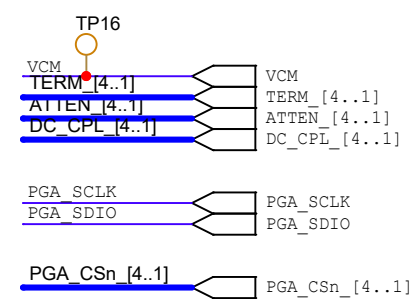
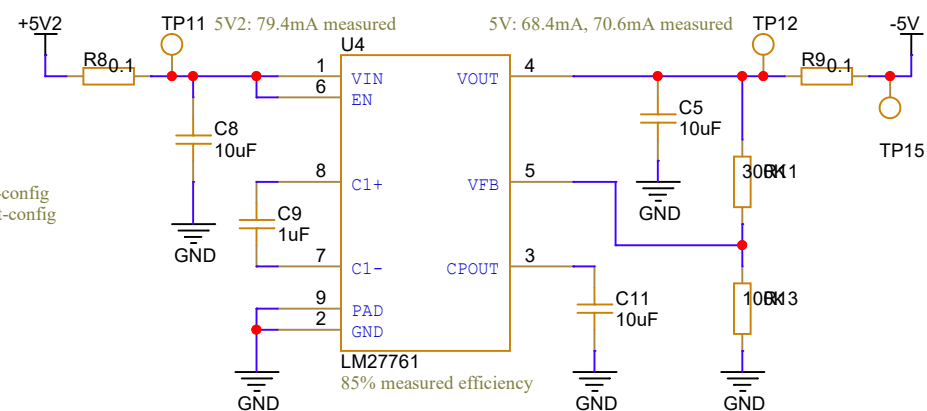
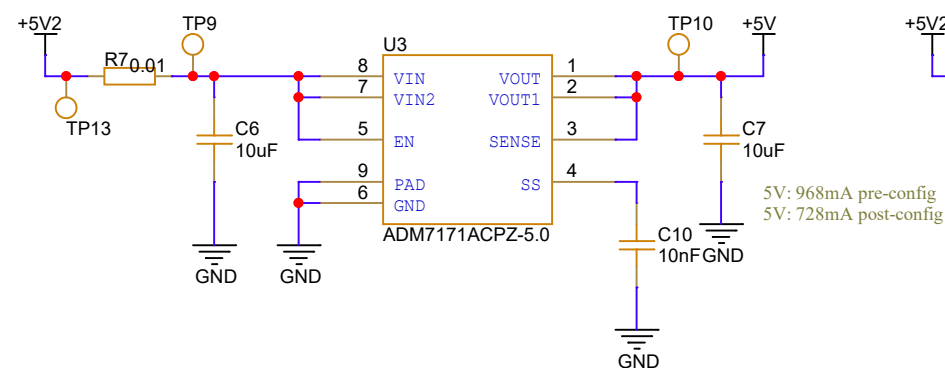


Connectors for multi-scope connection

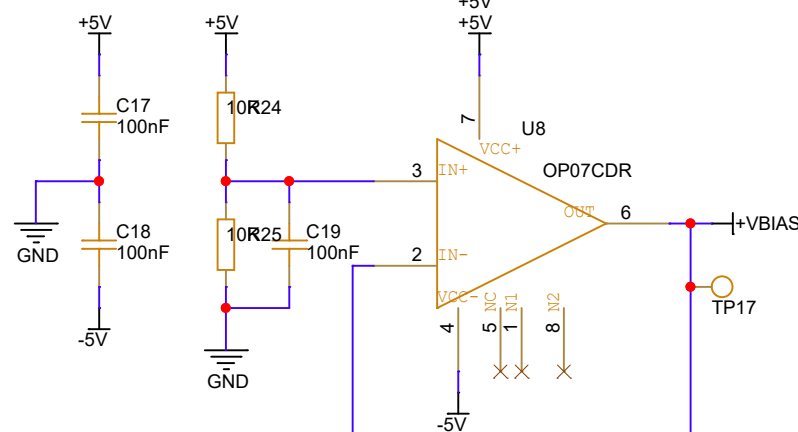
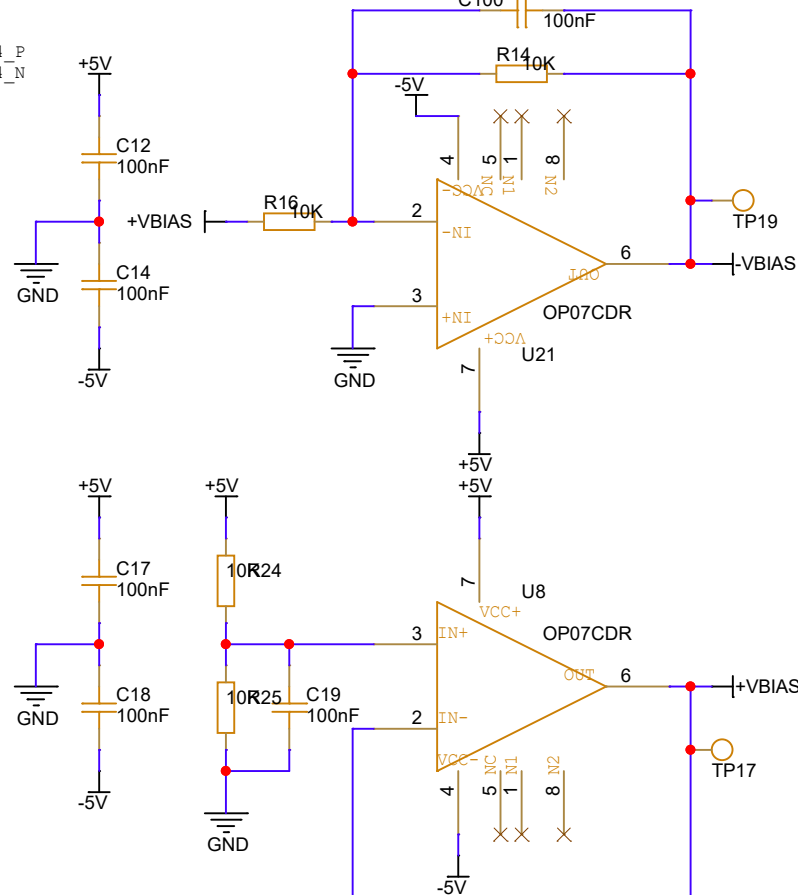
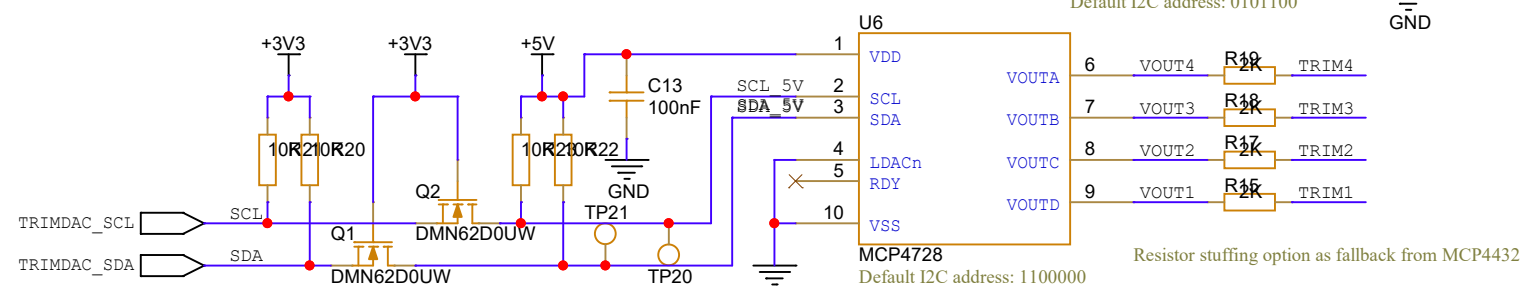
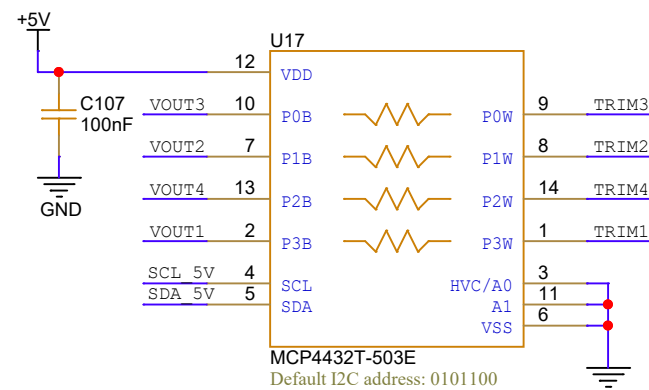
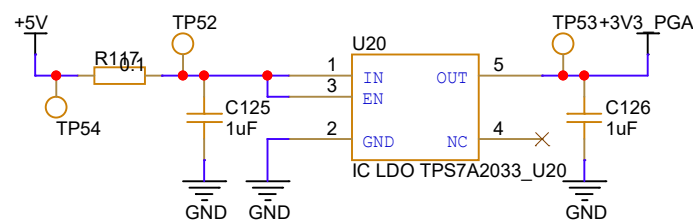


SHLD1  
9204



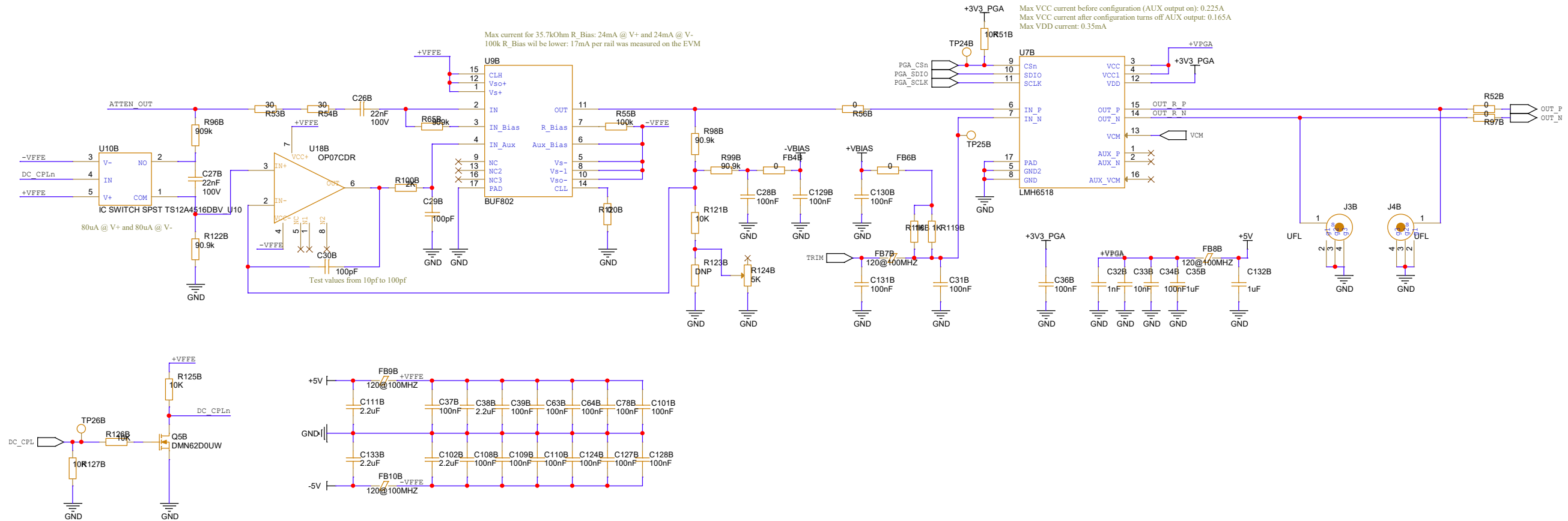
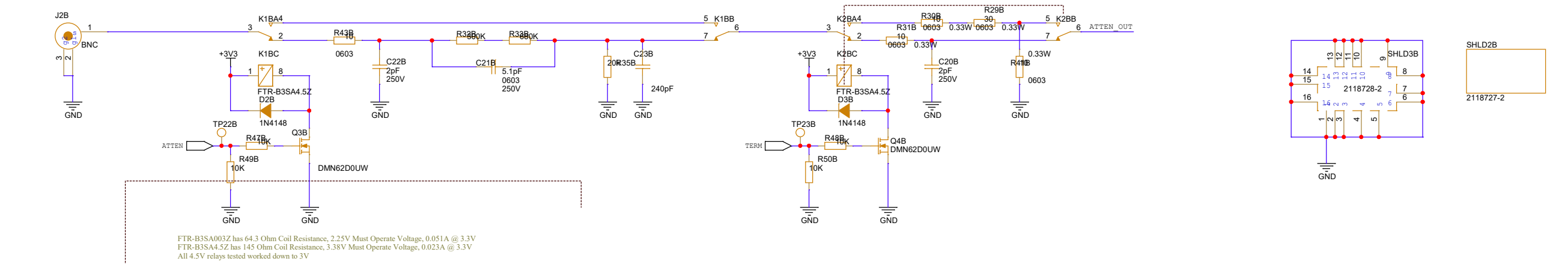


Before PGA Config: 242mA @ V+, 17.1mA @ V-, 46mA @ 3.3V per channel  
After PGA Config: 182mA @ V+, 17.1mA @ V-, 46mA @ 3.3V per channel



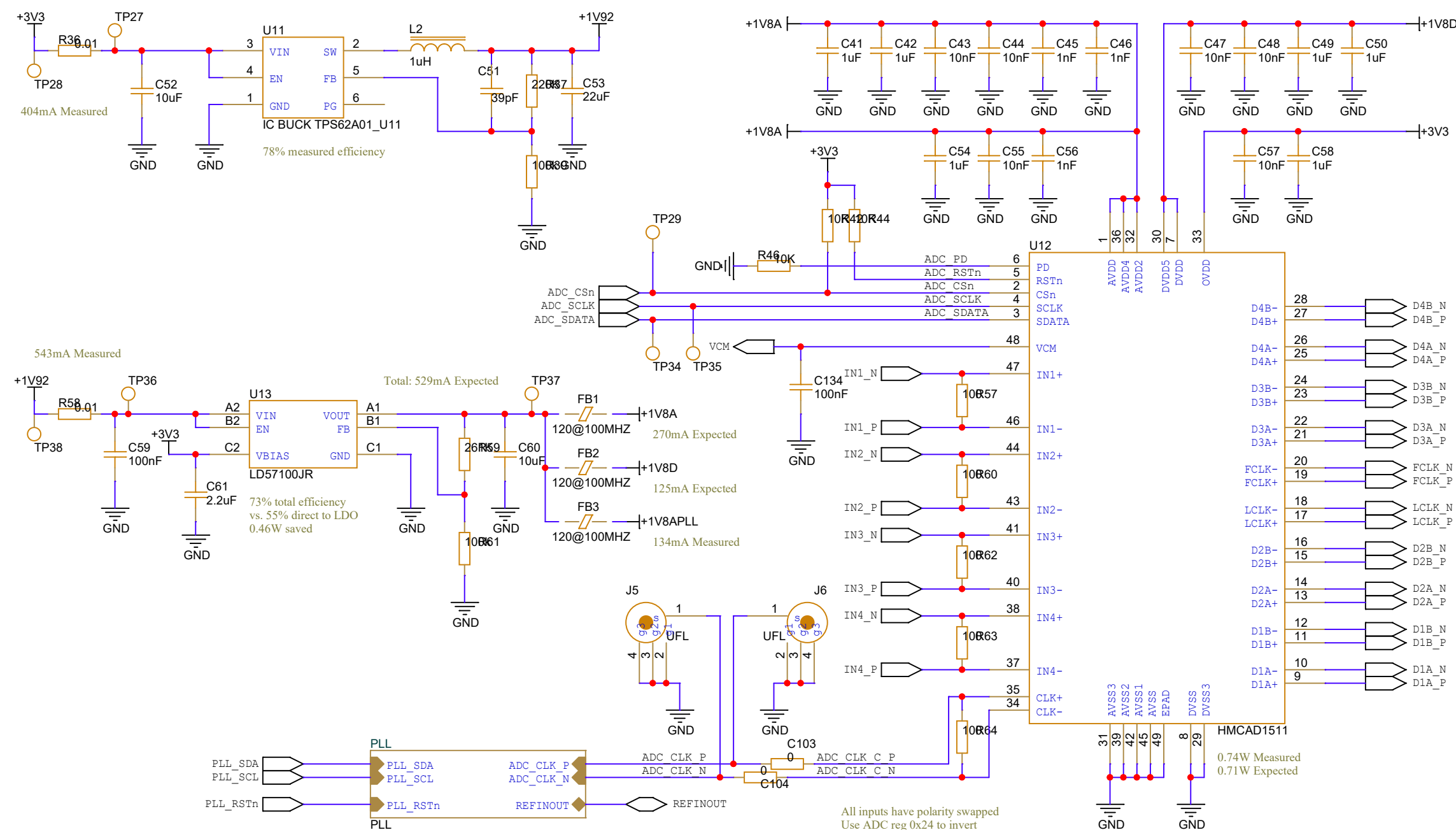


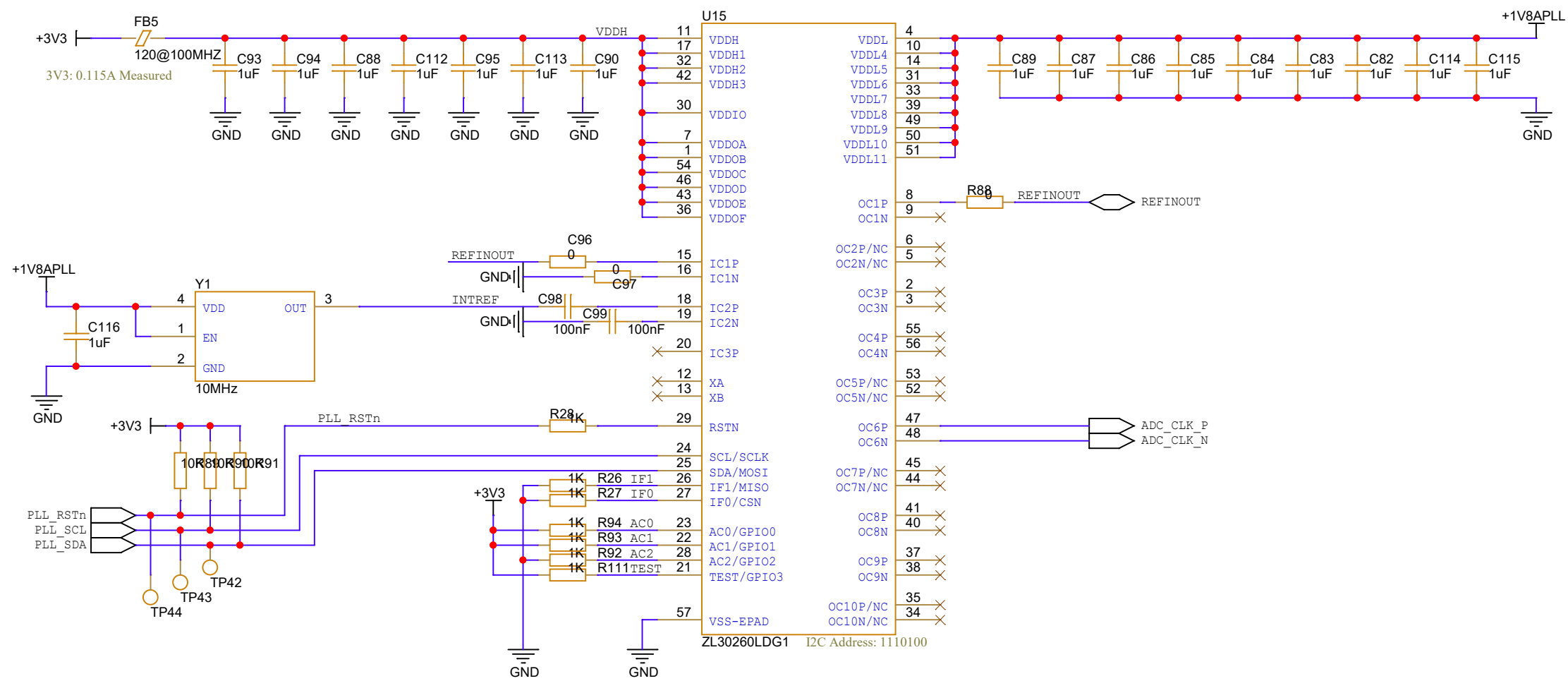
50x Attenuator





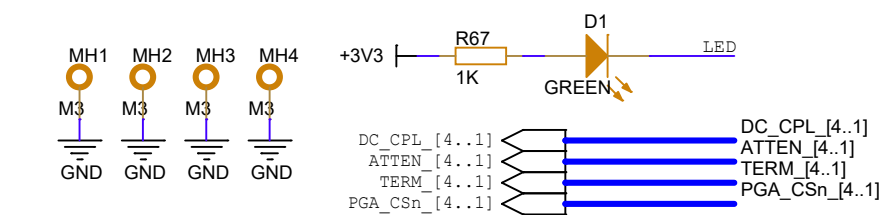




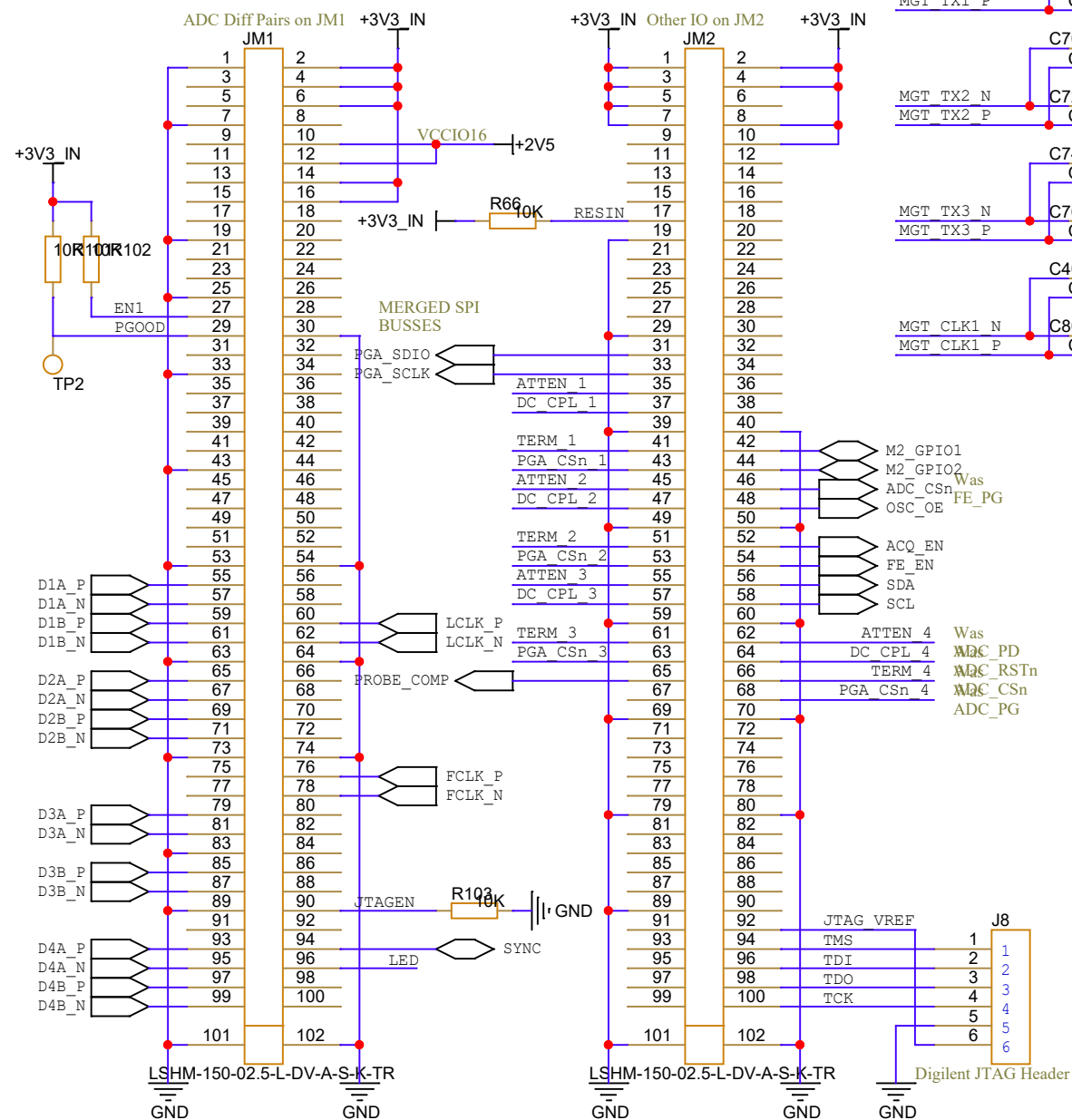


3.3067W Measured w/ one input one output:  
0.62W Measured

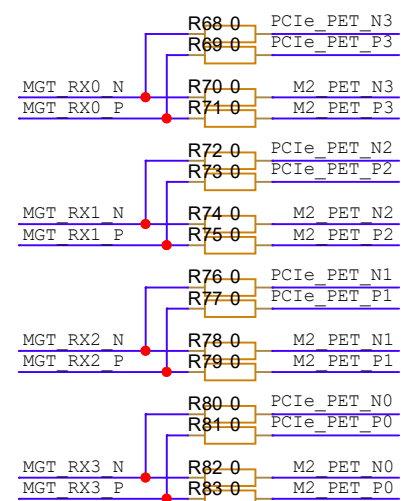
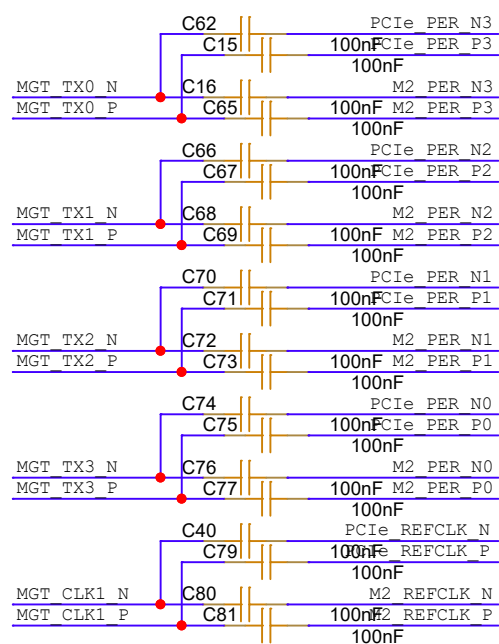




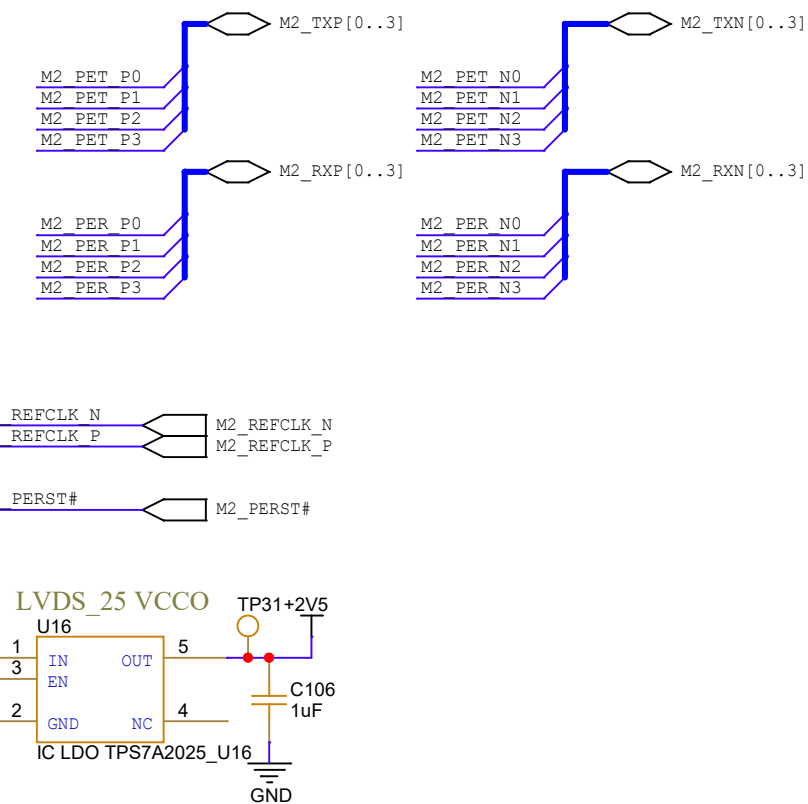
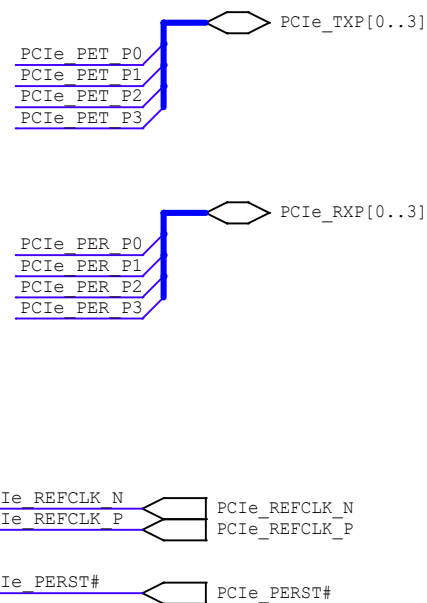
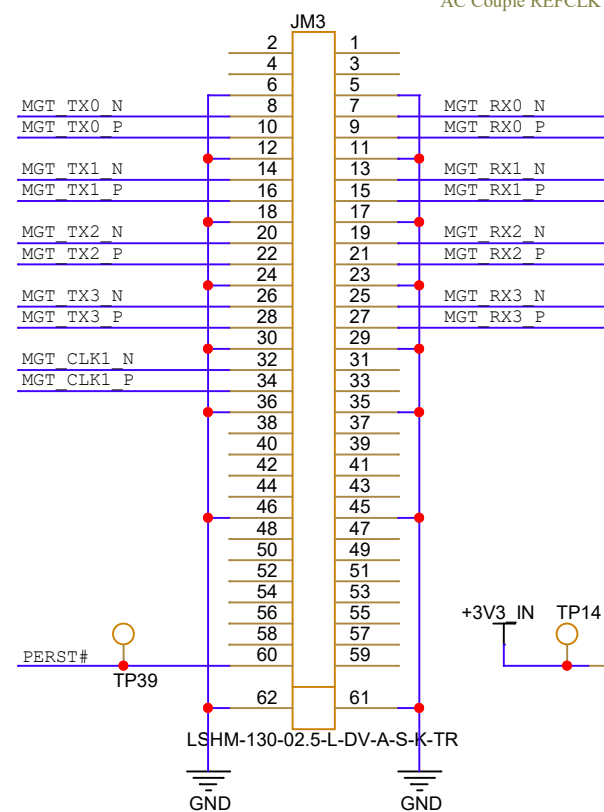
DONE: Backwards compatibility with TE0712

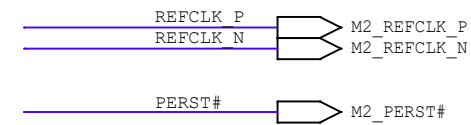
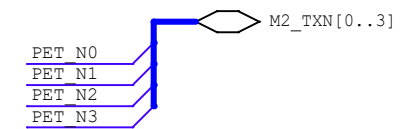
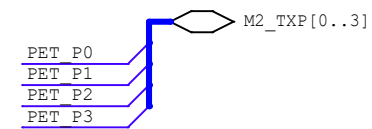
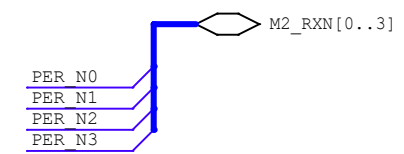
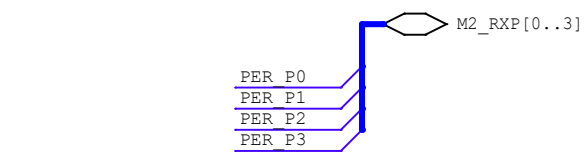
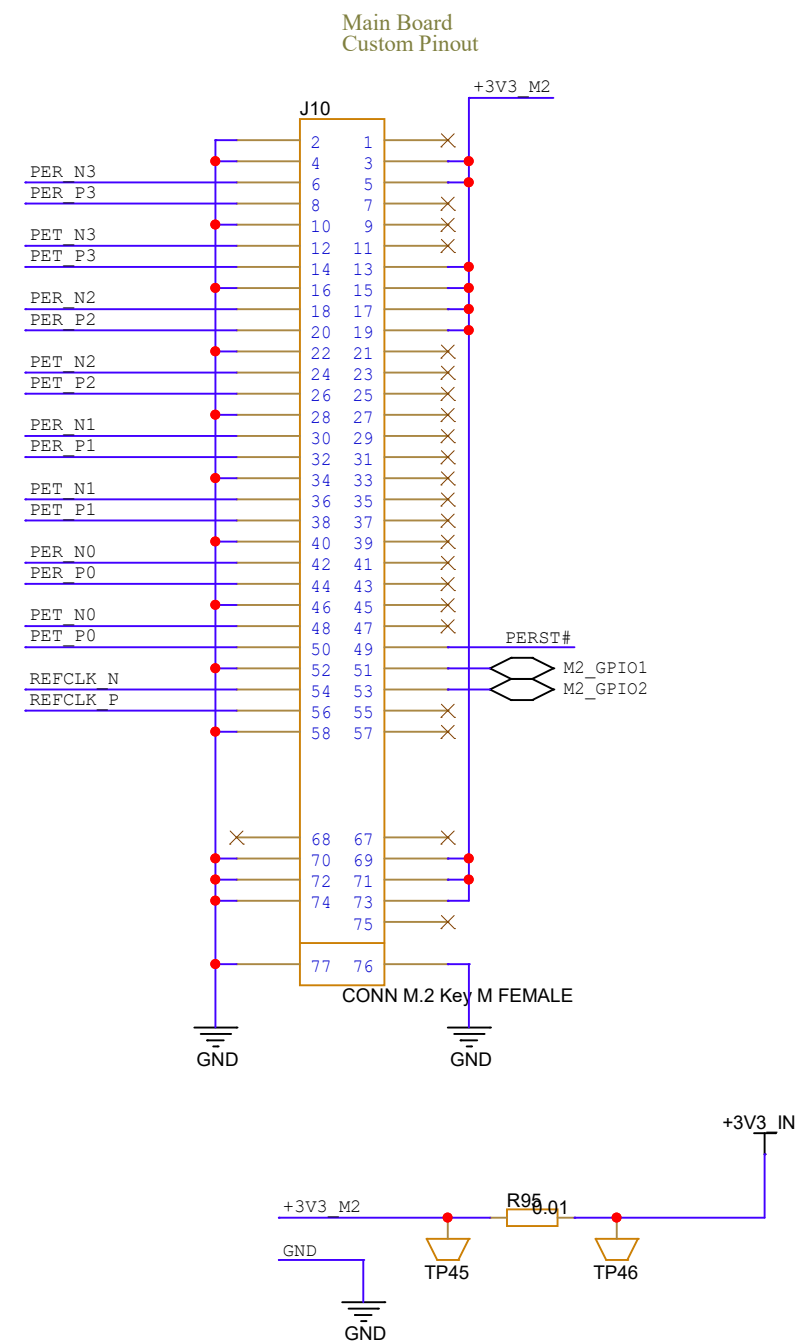


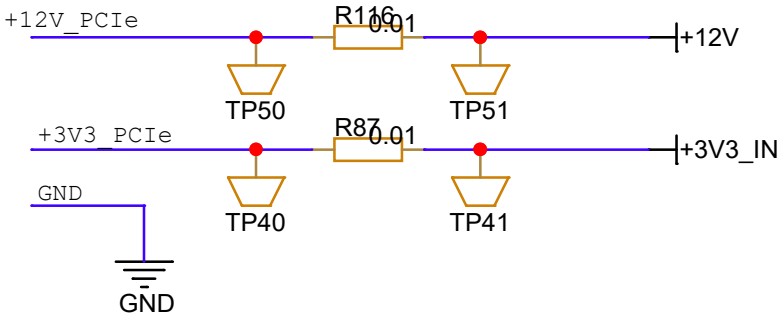
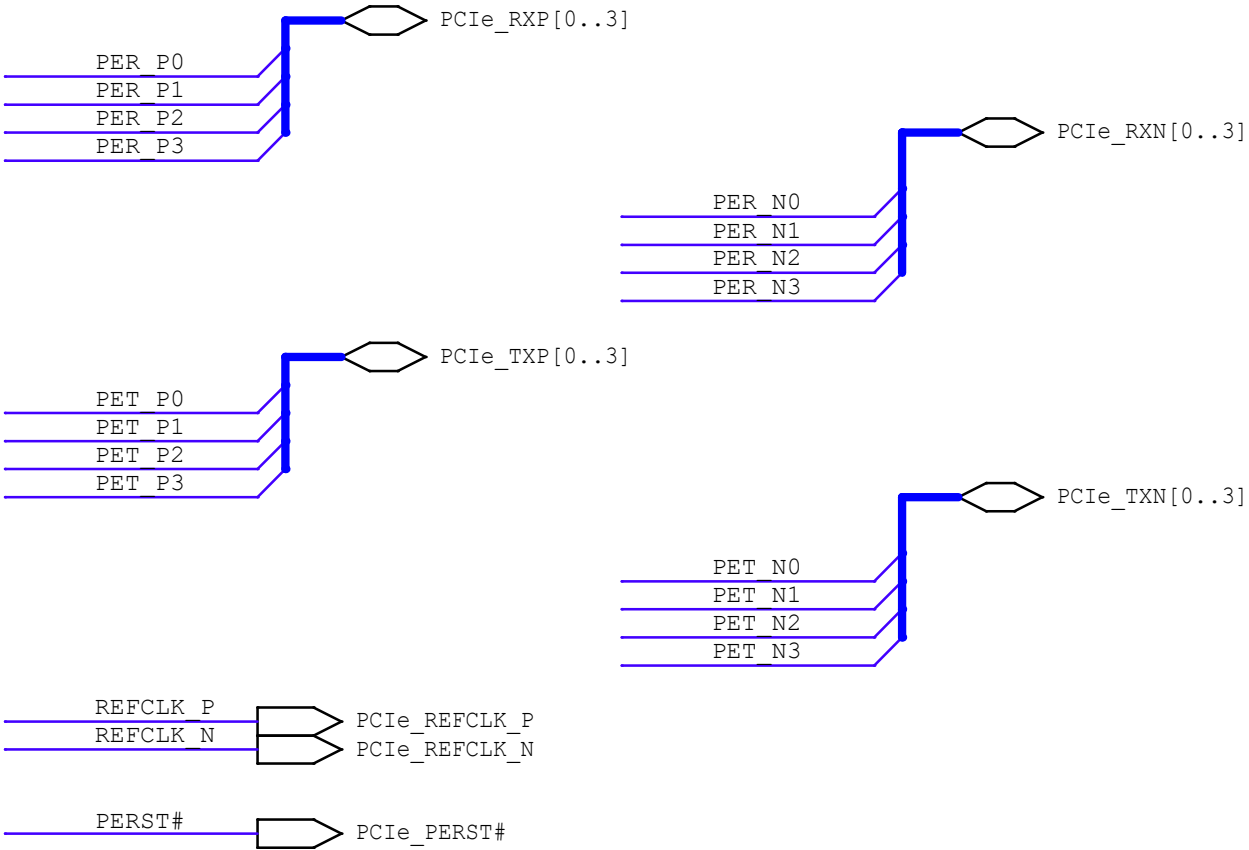
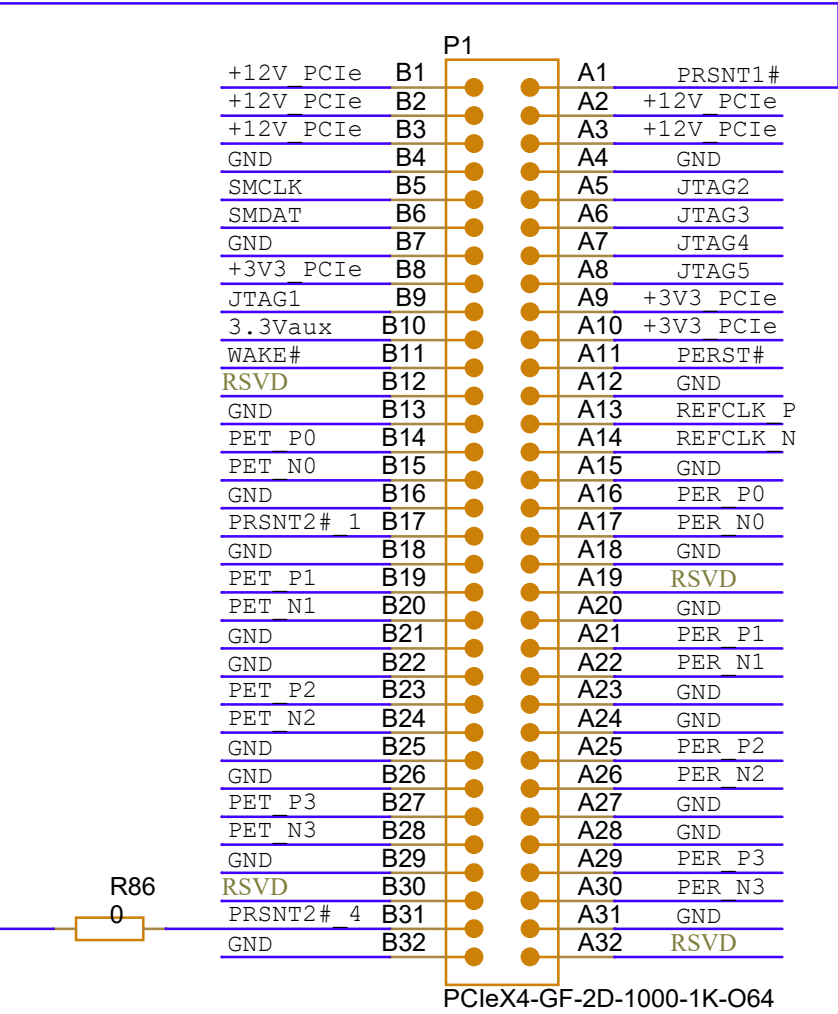
These connectors are hermaphroditic. Odd pin numbers on the module are connected to even pin numbers on the baseboard and vice versa.

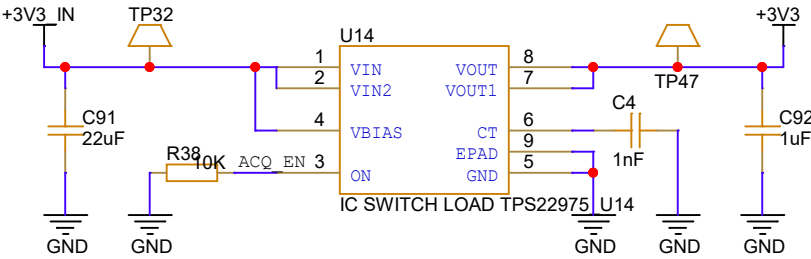
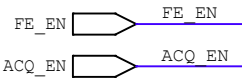


AC Couple PER Lines with 100nF  
 AC Couple REFCLK Lines with 100nF

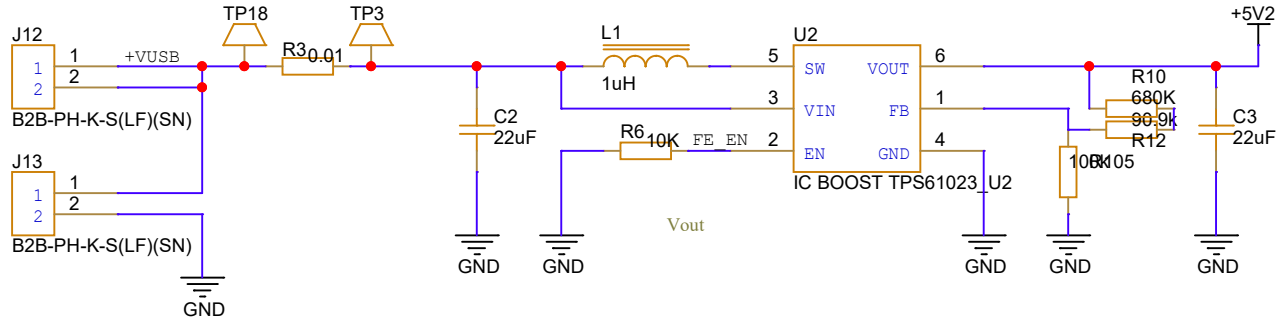








3V3: 0.703A (2.32W) for 4.5V relays  
3V3: 0.927A (3.06W) for 3V relays



5V2: 1.05A pre-config, 0.807A post-config

