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primary\_tms570.sch

primary\_comm\_mem  
primary\_comm\_mem.sch

primary\_ax5043  
primary\_ax5043.sch

primary\_power  
primary\_power.sch

arbiter  
arbiter.sch

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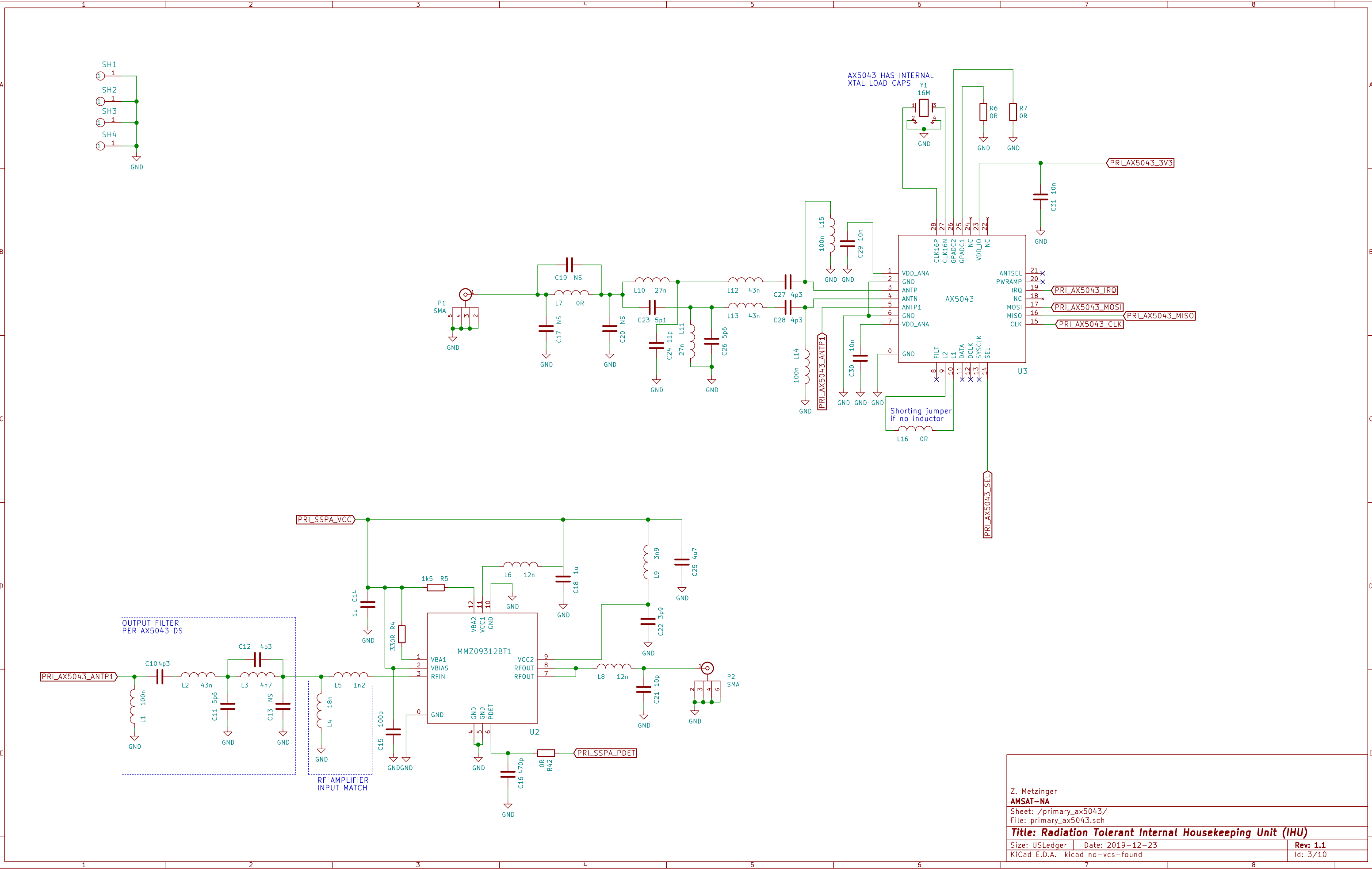
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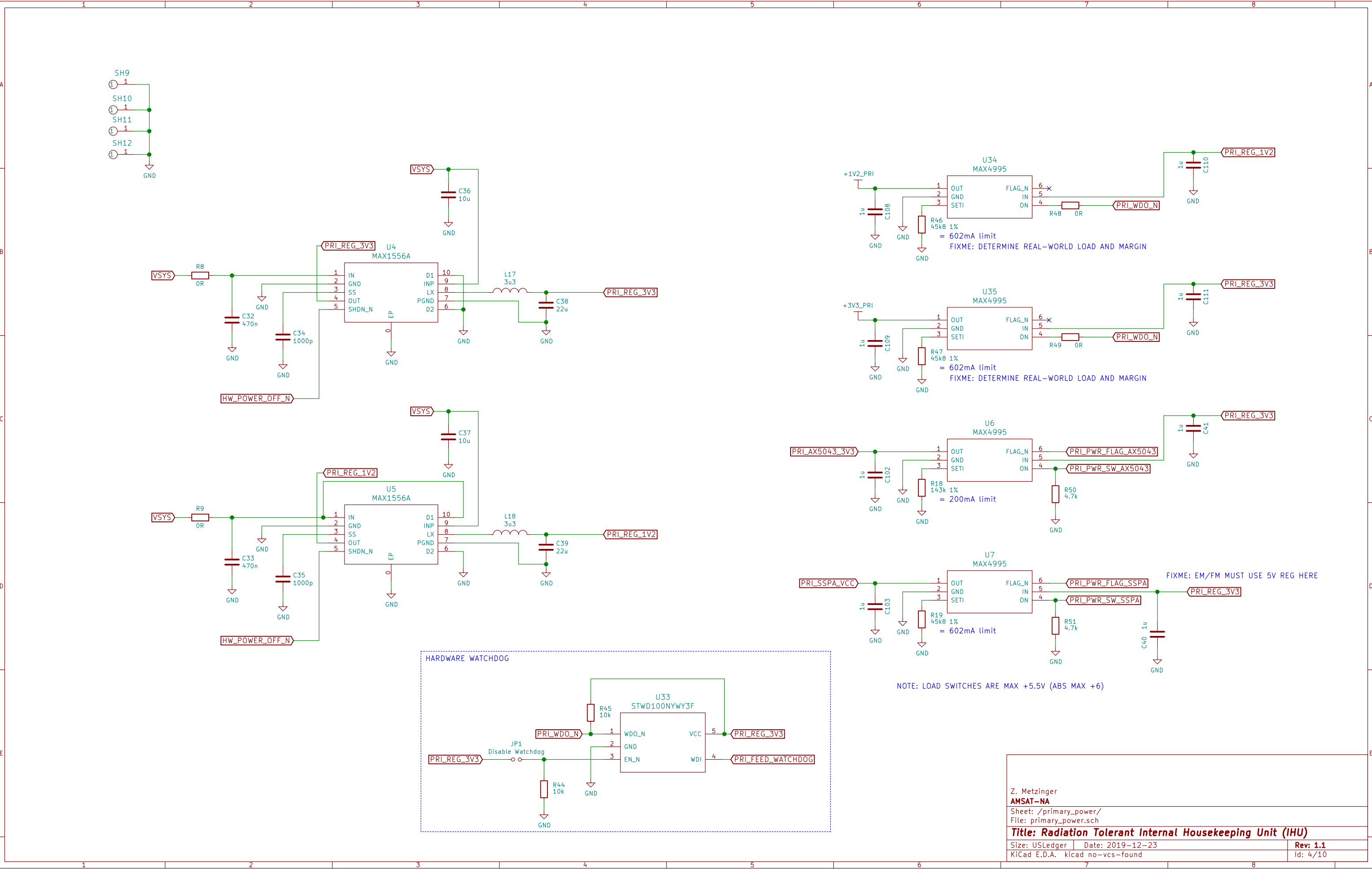
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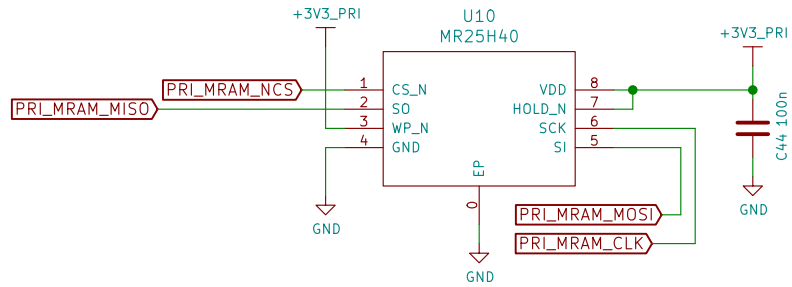
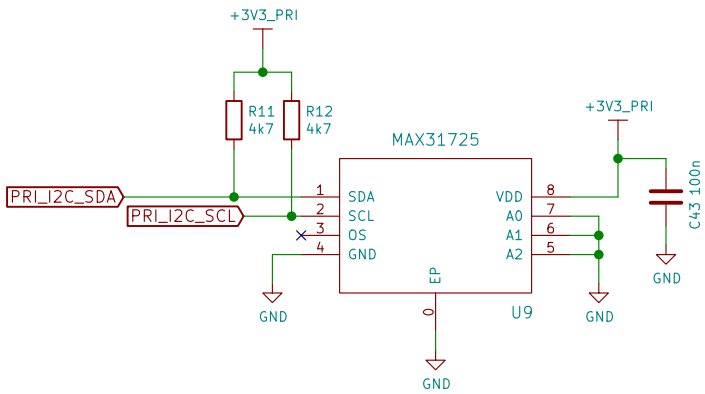
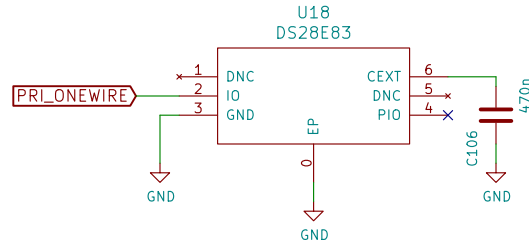
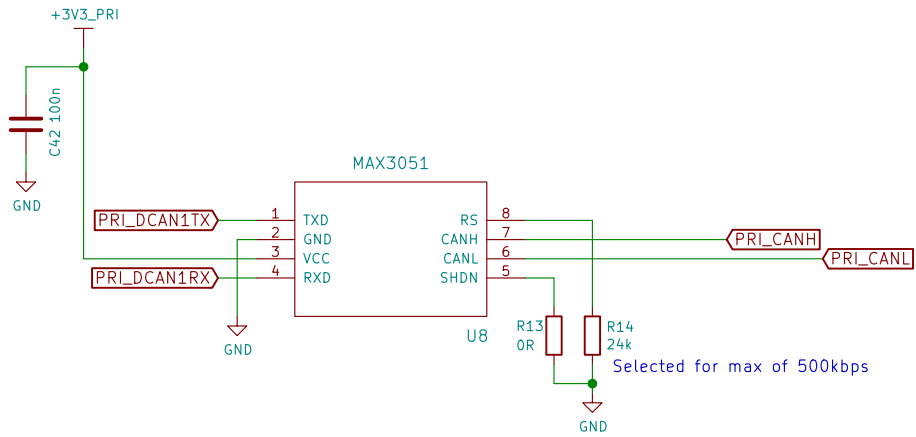
secondary\_power  
secondary\_power.sch

<b>Title: Radiation Tolerant Internal Housekeeping Unit (IHU)</b>		
Size: USLedger	Date: 2019-12-23	Rev: 1.1
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# ARBITER DECISION LOGIC

PRI_FAULT_N	SEC_FAULT_N	PRI_EN_N	SEC_EN_N
1	1	N/C	N/C
1	0	N/C	N/C
0	1	1	N/C
0	0	N/C	N/C

N/C -> No Change in Q/Q\_N outputs

CLR\_N driven by SEC\_FAULT\_N is used to switch back to primary control. At power-on, supervisors communicate to assert this condition and give control to primary supervisor.

CLR\_N and PRE\_N (both faulted) isolates both supervisors from the satellite I/O.

