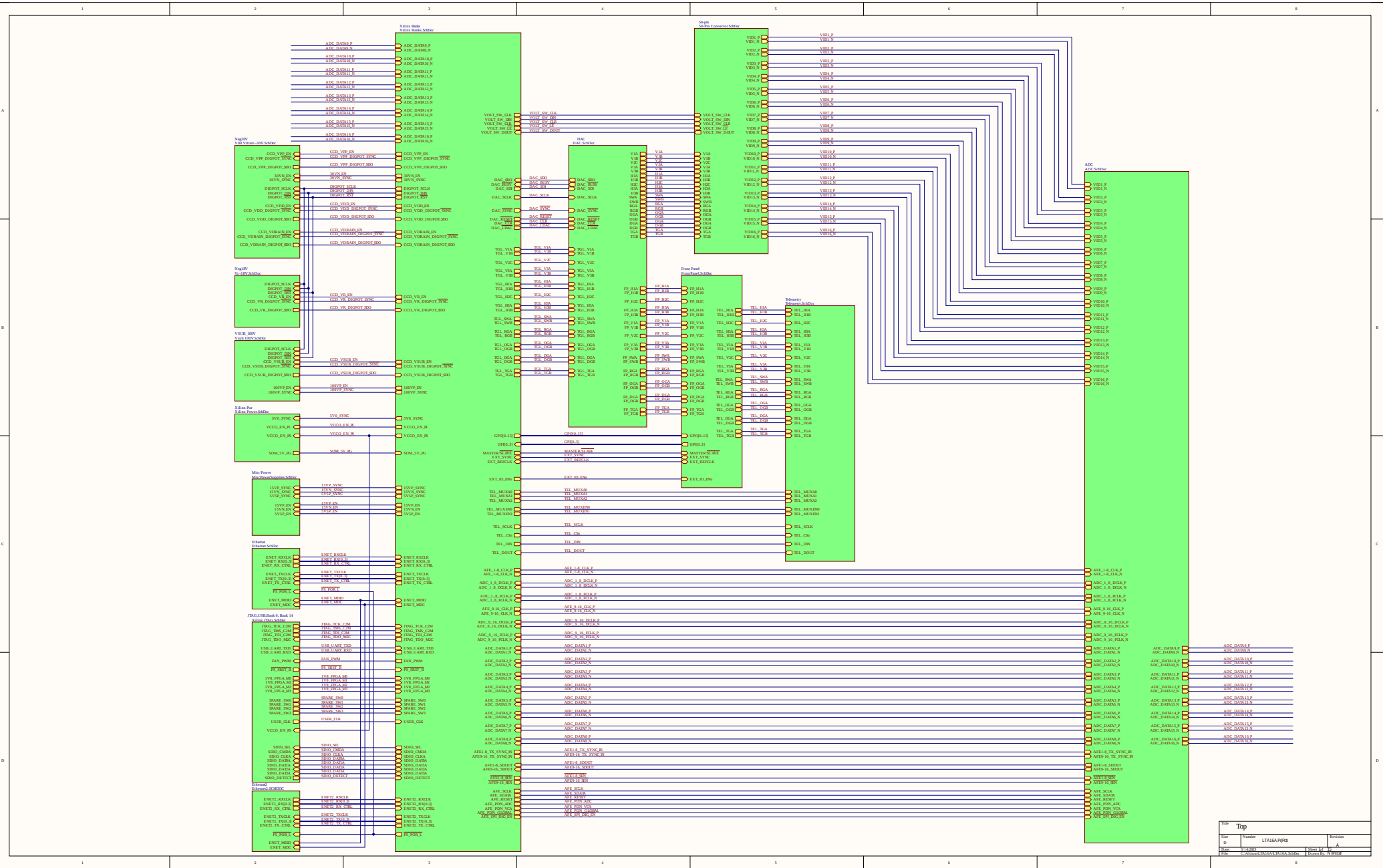
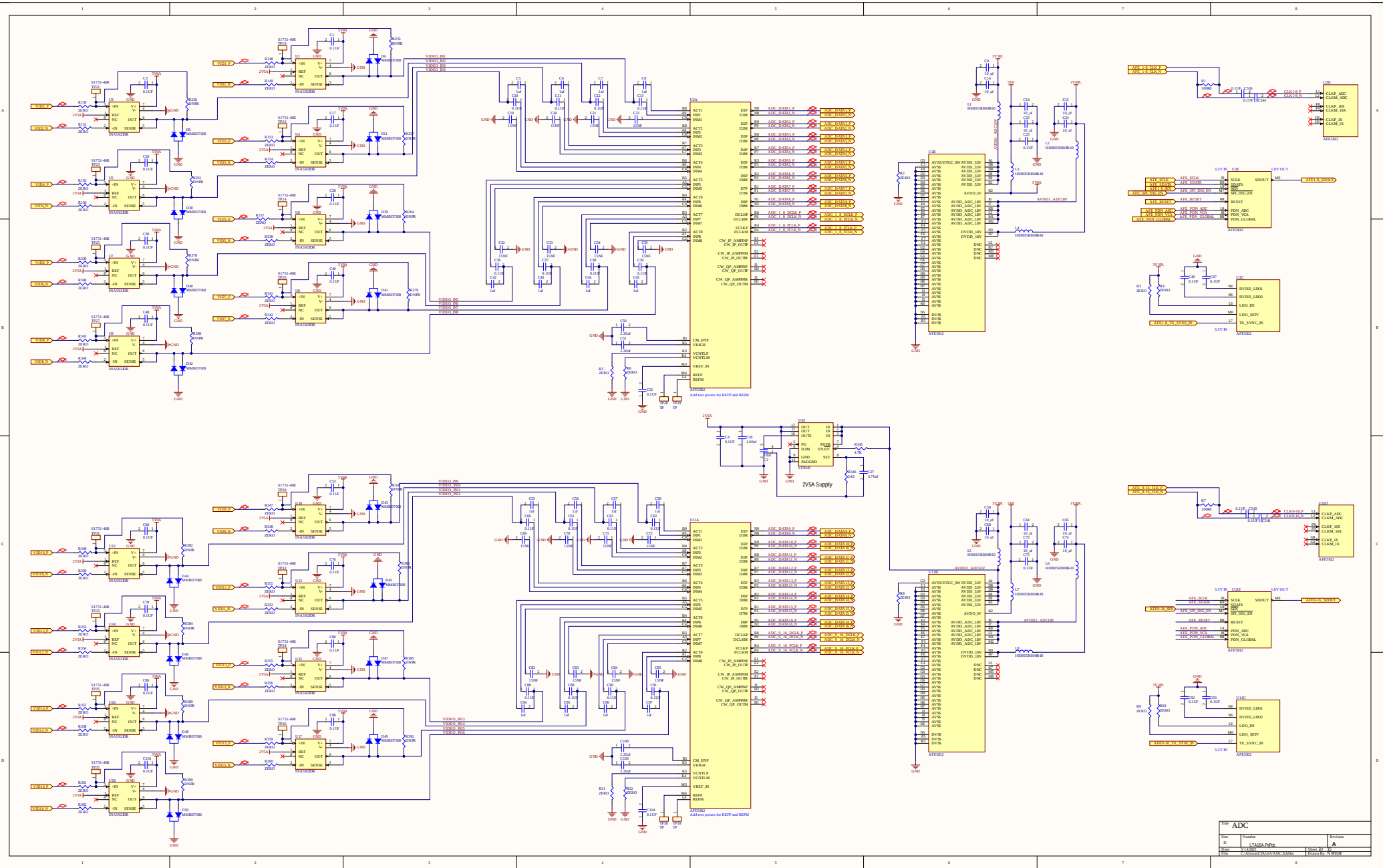
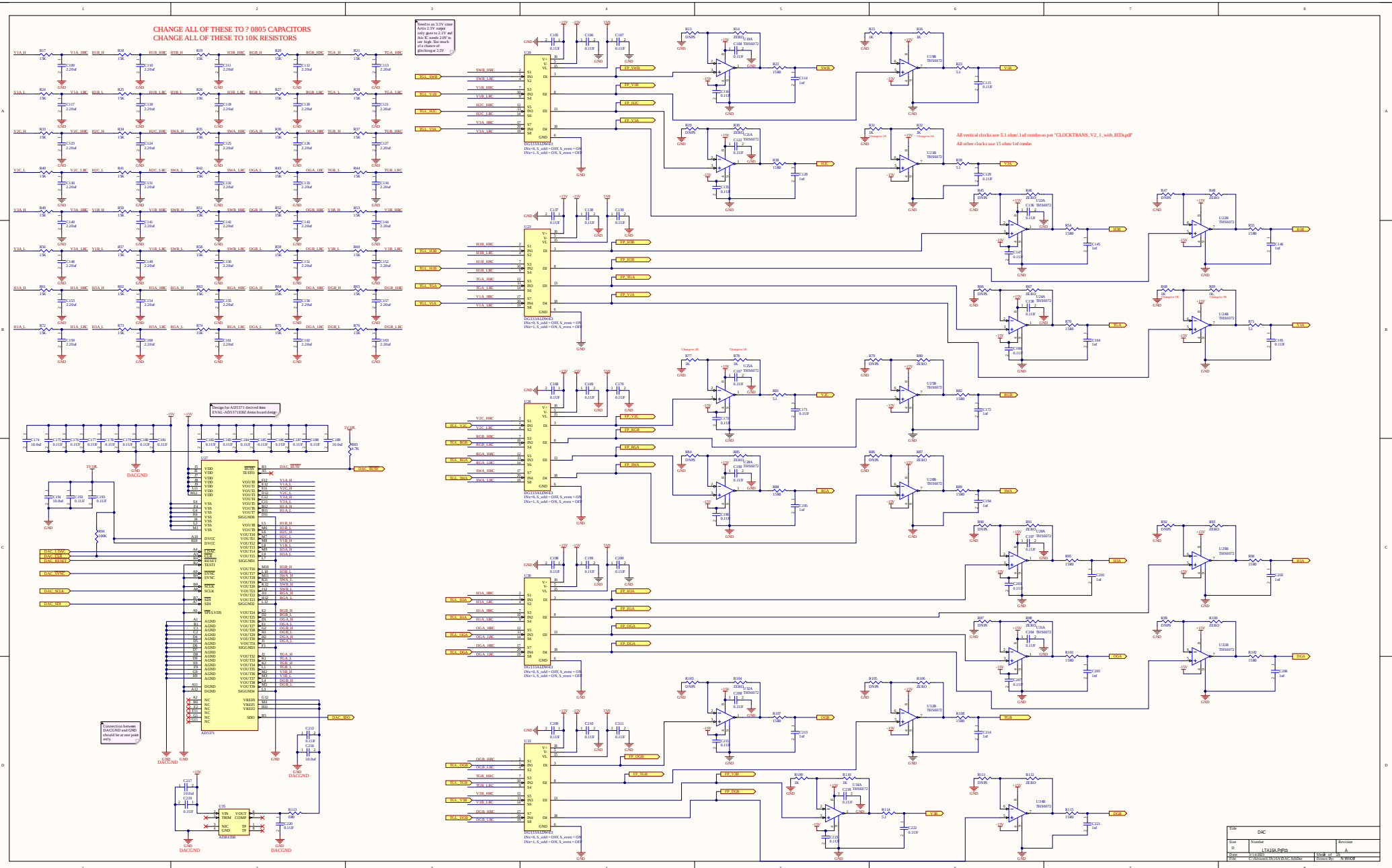






CHANGE ALL OF THESE TO 7 0805 CAPACITORS
CHANGE ALL OF THESE TO 10K RESISTORS

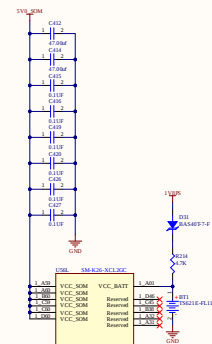
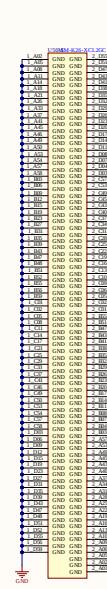
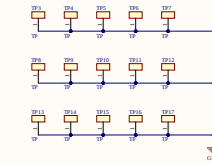
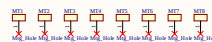
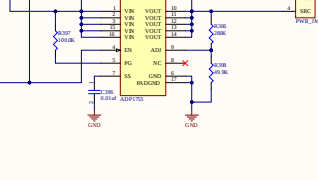
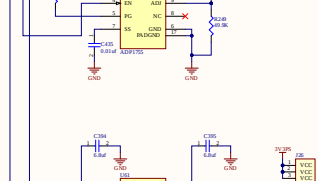
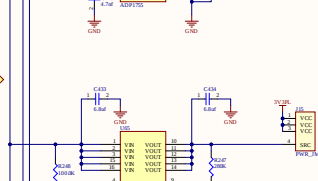
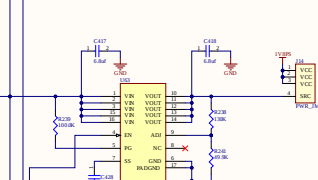
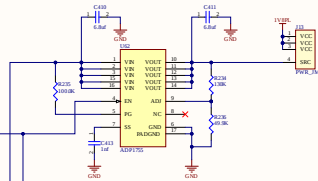
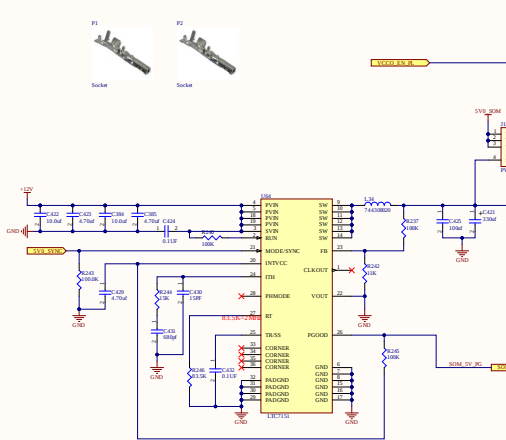
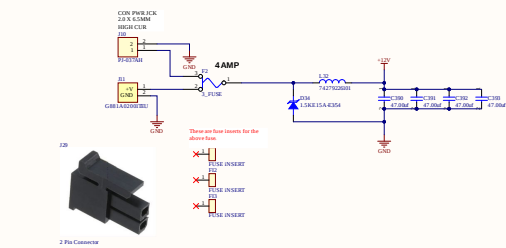
Resistor to 5.1kV value
10kV 5.1kV value
only given to 2.1V and
10kV 5.1kV value
10kV 5.1kV value
10kV 5.1kV value
10kV 5.1kV value

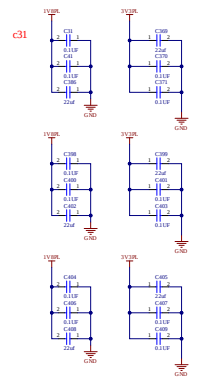
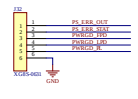
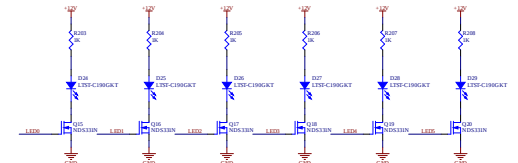
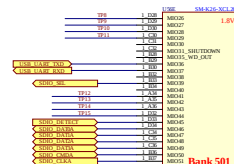
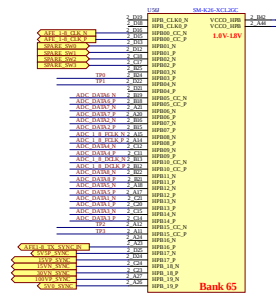
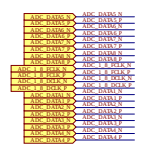
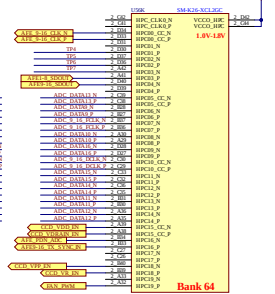
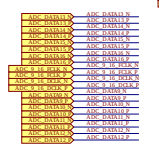
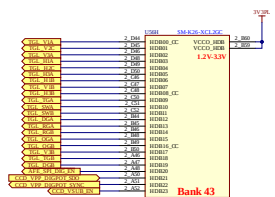
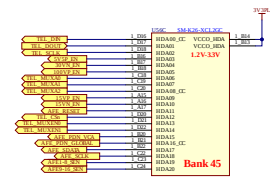


All vertical clocks use 5.1 ohm/1nf combo as per "CLOCKTRANS_V2_1_sch03.dwg"
All other clocks use 15 ohm/1nf combo

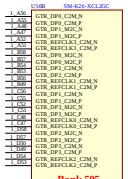
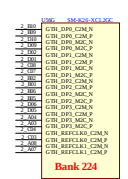
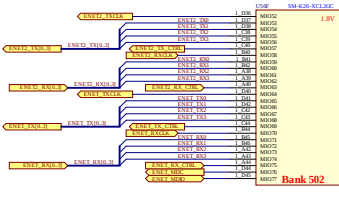
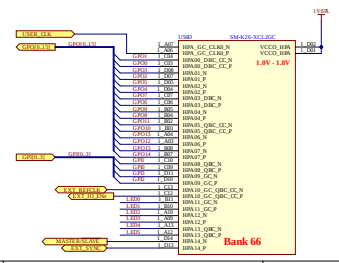
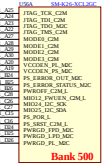
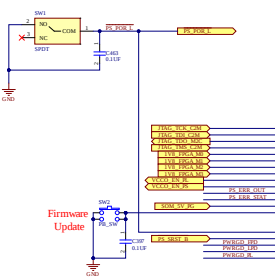
Connections between
DAC0101 and DAC
should be at one point
only

DAC			
Rev	Number	Author	
Rev	1	YASAR PERI	
Rev	2	YASAR PERI	





Modify as needed



1

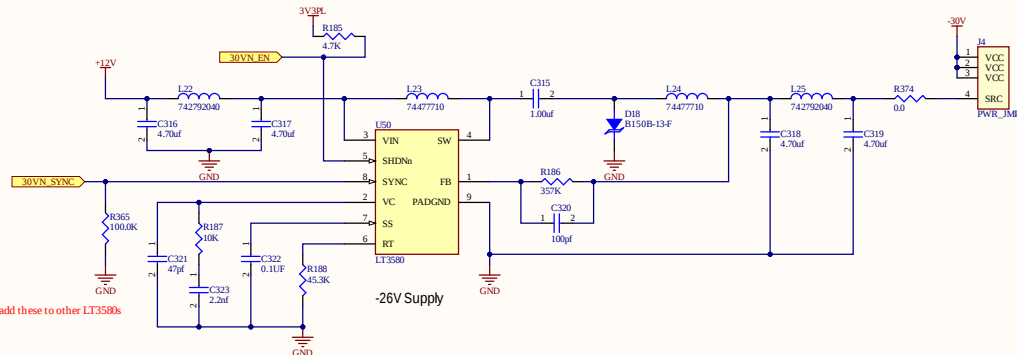
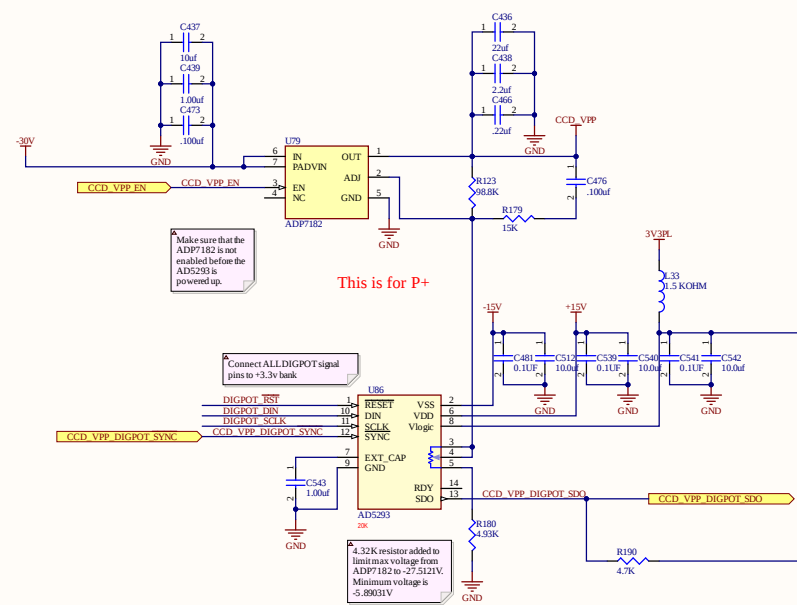
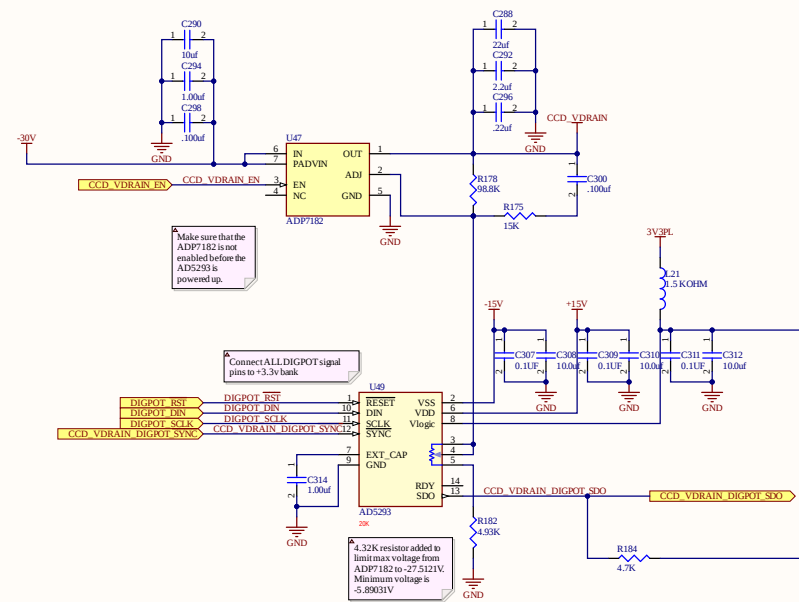
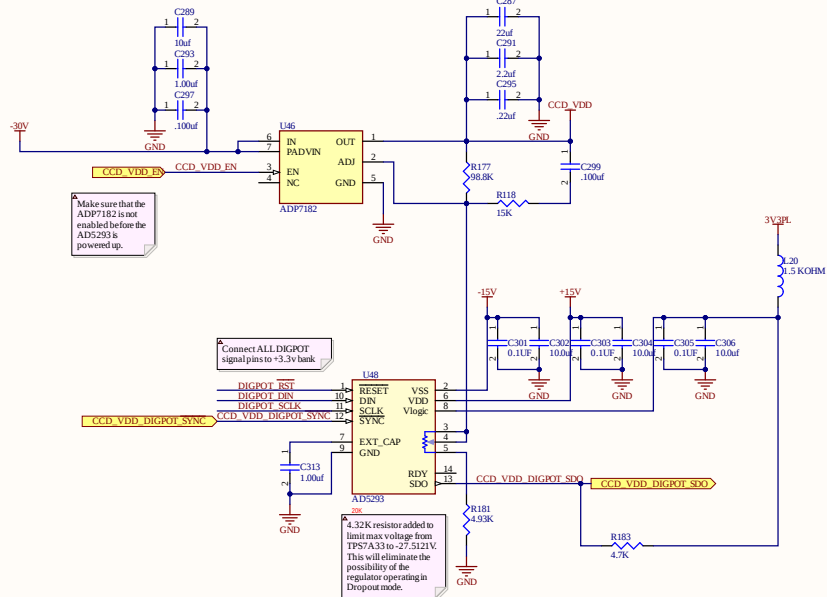
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3

4

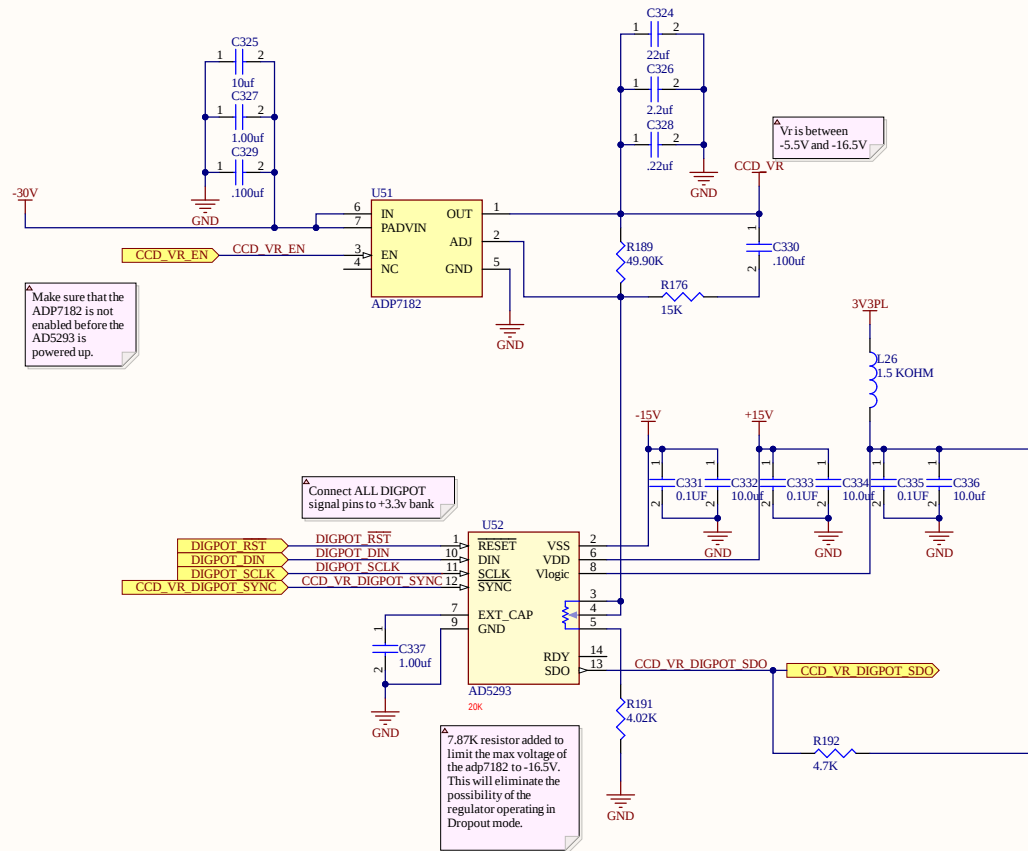
5

6

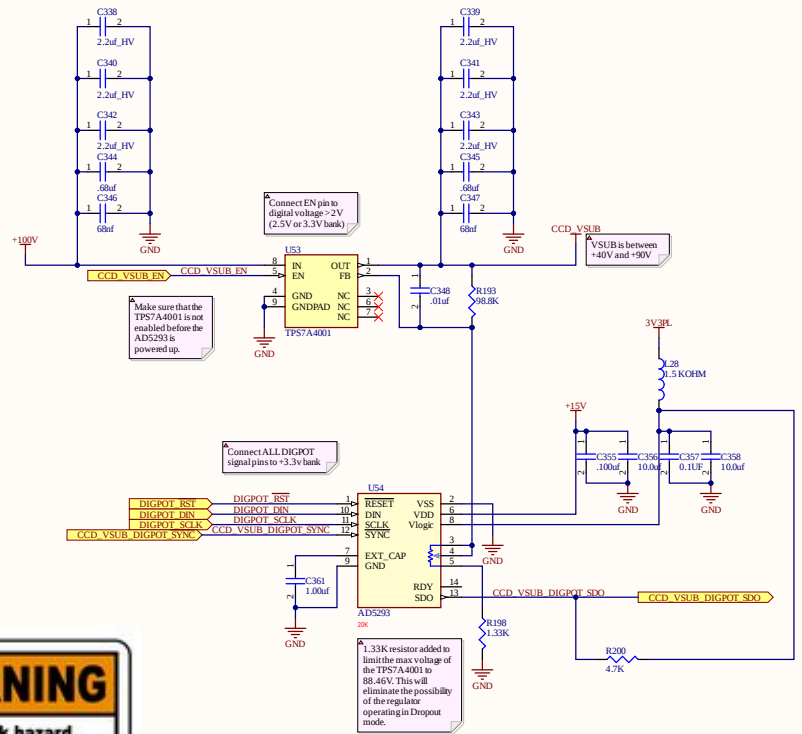
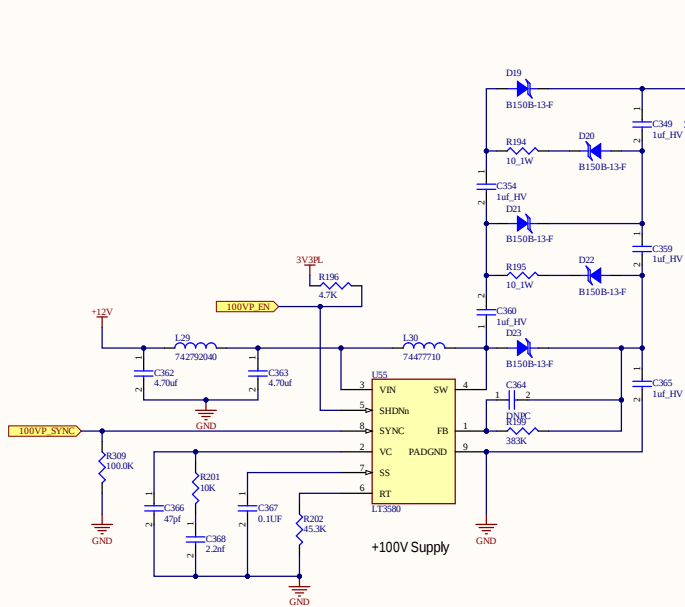


This is for P+

Title			
Vdd Vdrain -30V			
Size	Number	Revision	
C	LT16A.PyPcb	A	
Date	3/14/2023	Sheet	15
File	C:\Altium\LT16A\Vdd Vdrain -30V\Sheet15.Dwg	Drawn By	



Title			
Vr -18V			
Size	Number	Revision	
B	LTA16A.PrjPcb	A	
Date:	3/14/2023	Sheet of	15
File:	C:\Altium\LTA16A\Wr -18V.SchDoc	Drawn By:	Neal Wilcer



Title VSUB 100v			
Size C	Number	Revision	
Date 3/14/2023	LTA16A.Pcb	Shed/Doc	15
File: C:\Alum\LTA16A\Vsuh 100V\SchDoc	Drawn By: Neal Wilcox		

A

B

C

D

A

B

C

D

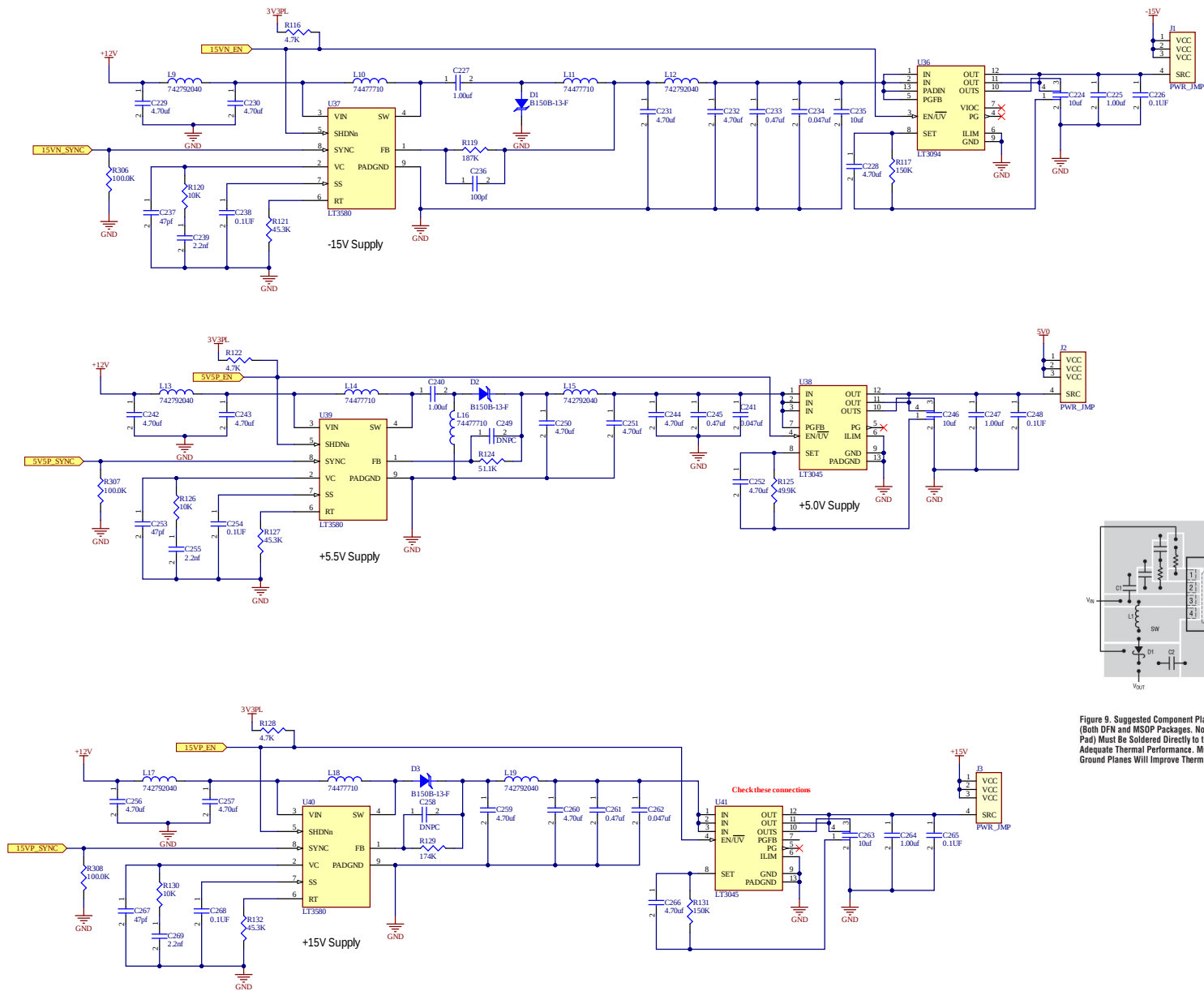
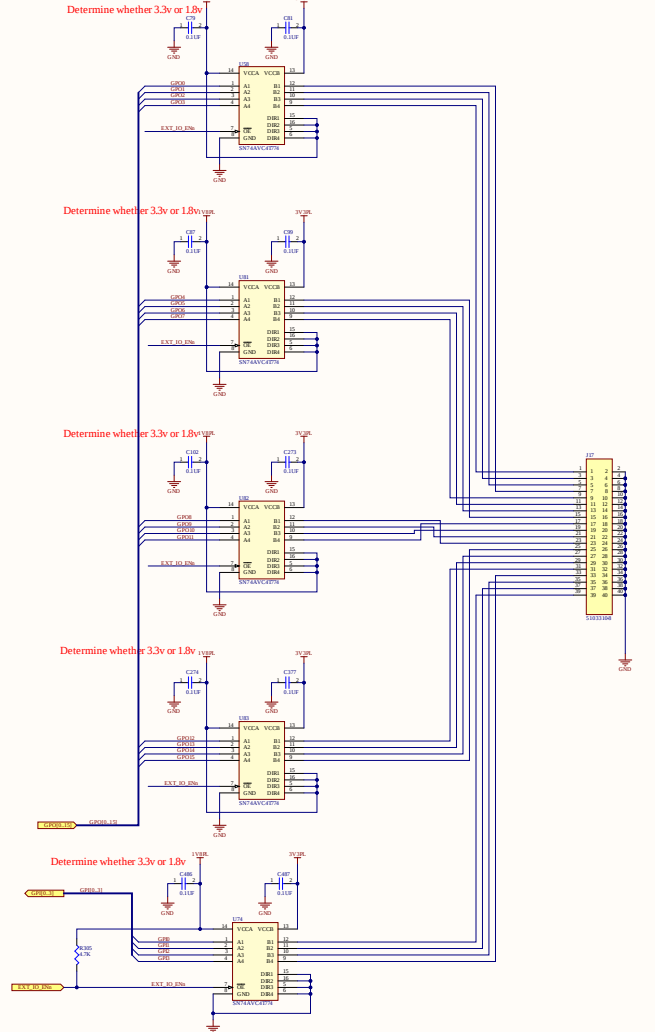
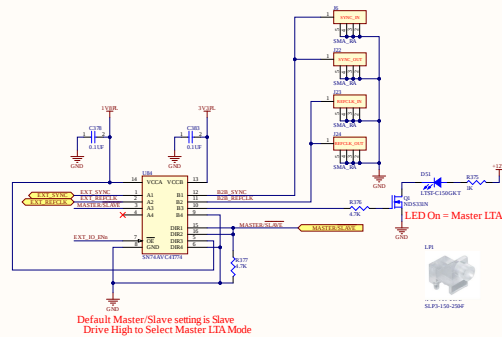
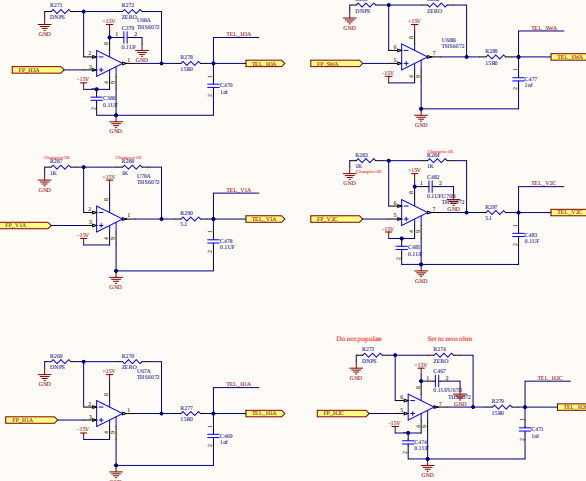
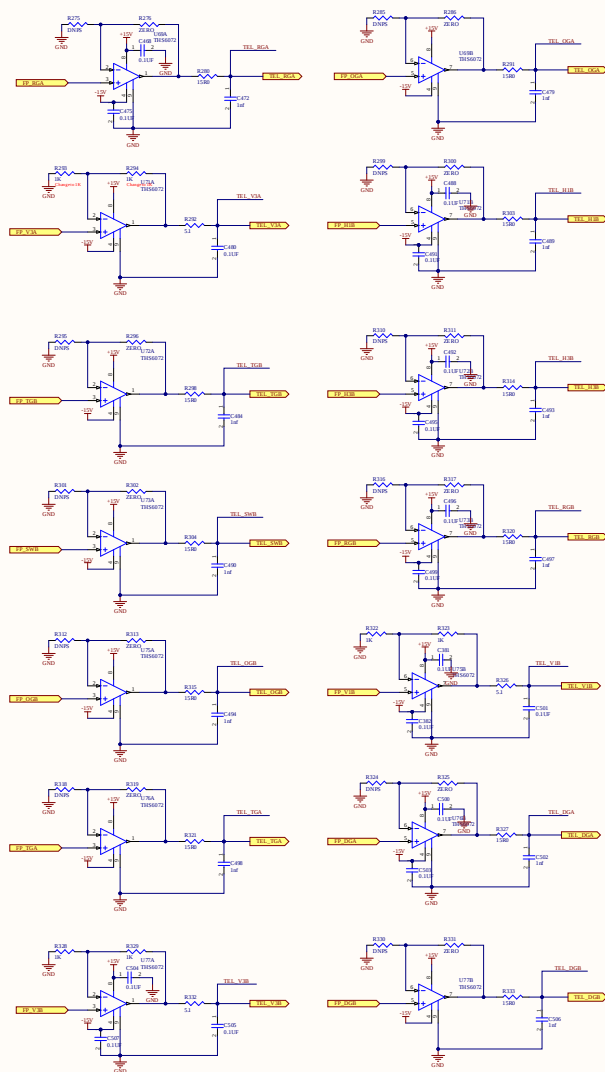


Figure 9. Suggested Component Placement for Boost Topology (Both DFN and MSOP Packages. Not to Scale). Pin 9 (Exposed Pad) Must Be Soldered Directly to the Local Ground Plane for Adequate Thermal Performance. Multiple Vias to Additional Ground Planes Will Improve Thermal Performance



Front Panel			
Pin	Function	Pin	Function
1	VCC	17	NC
2	GND	18	NC
3	VCC	19	NC
4	GND	20	NC
5	VCC	21	NC
6	GND	22	NC
7	VCC	23	NC
8	GND	24	NC
9	VCC	25	NC
10	GND	26	NC
11	VCC	27	NC
12	GND	28	NC
13	VCC	29	NC
14	GND	30	NC
15	VCC	31	NC
16	GND	32	NC

