

PG410 A01

GP106 8GB/4GB GDDR5, 256b, 256Mx32/128MX32
Tall DVI-D + DP + DP + HDMI/DP + DP

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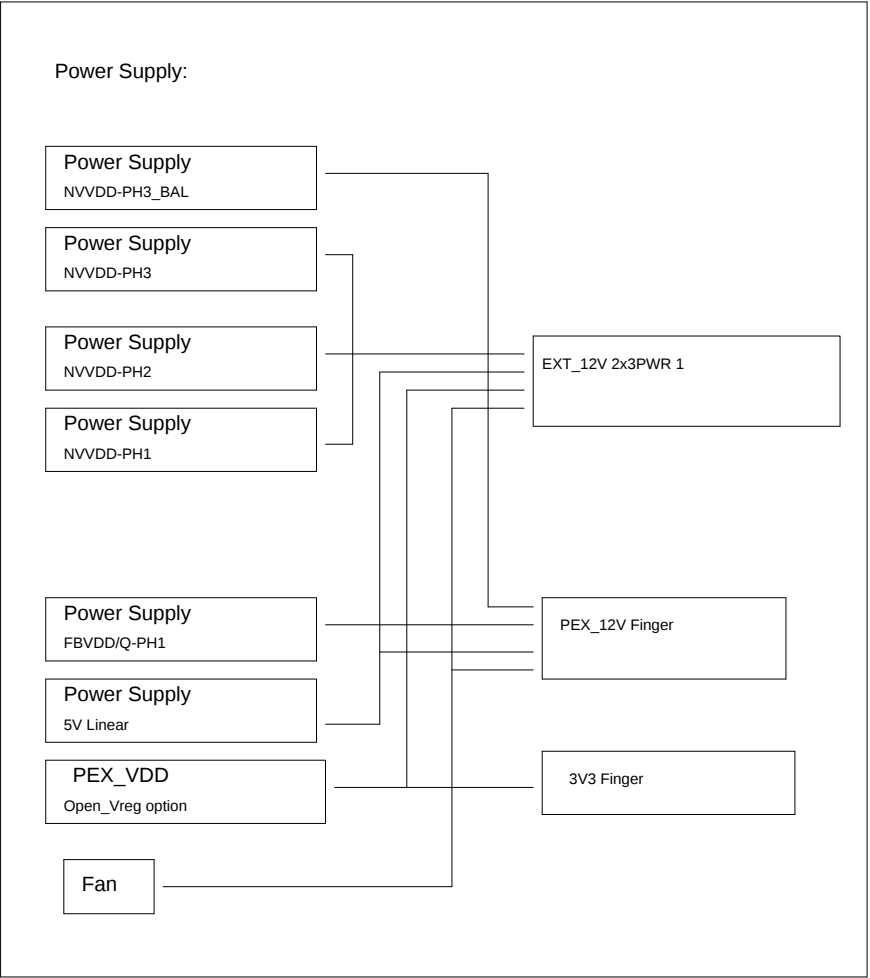
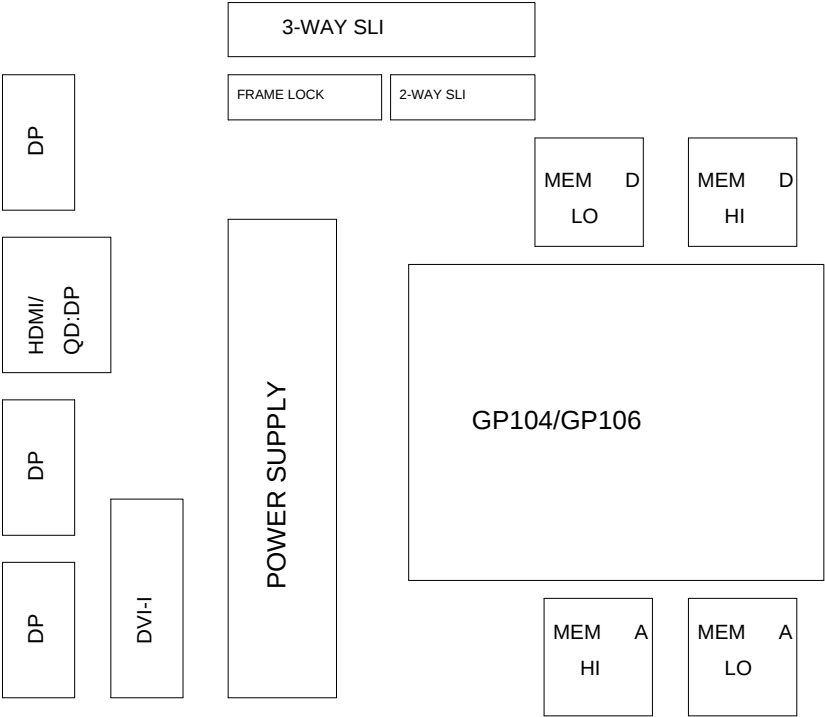
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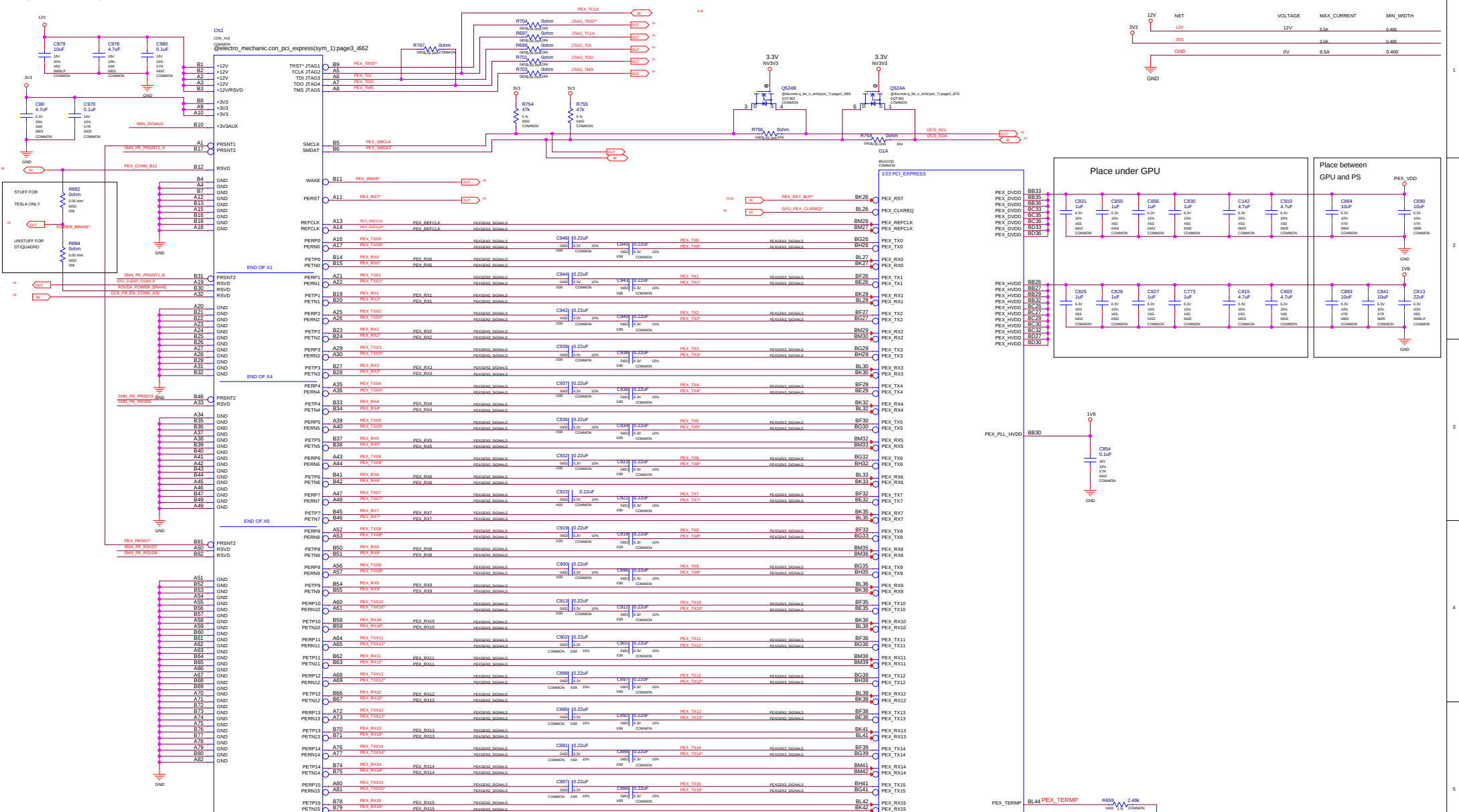
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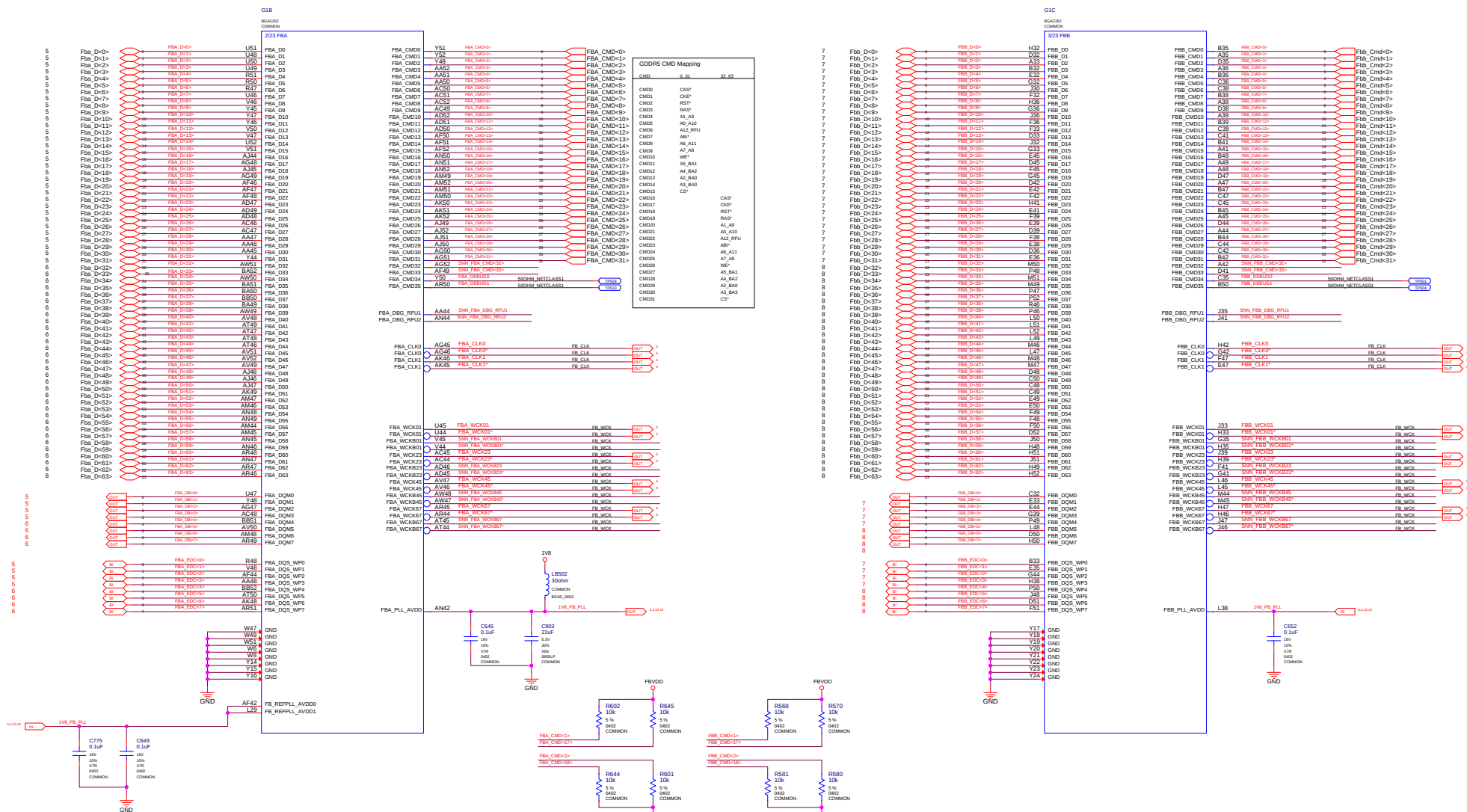
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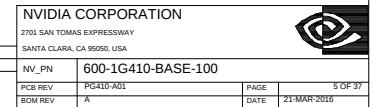


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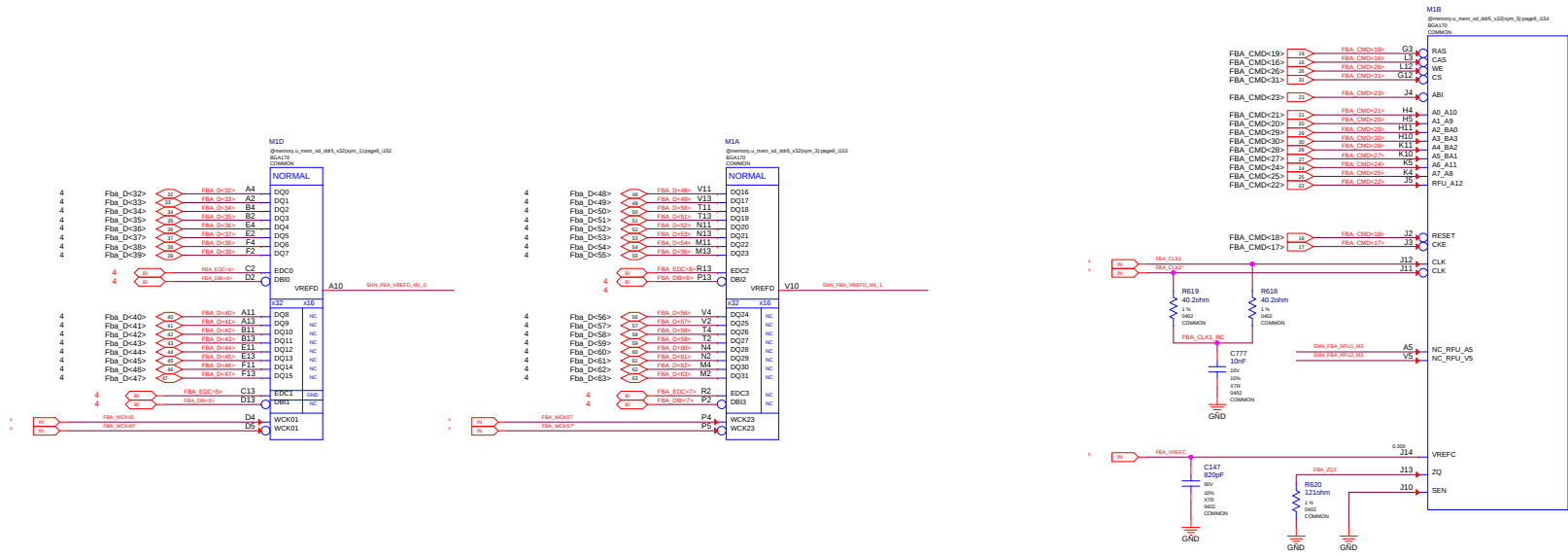
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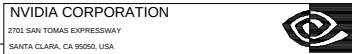




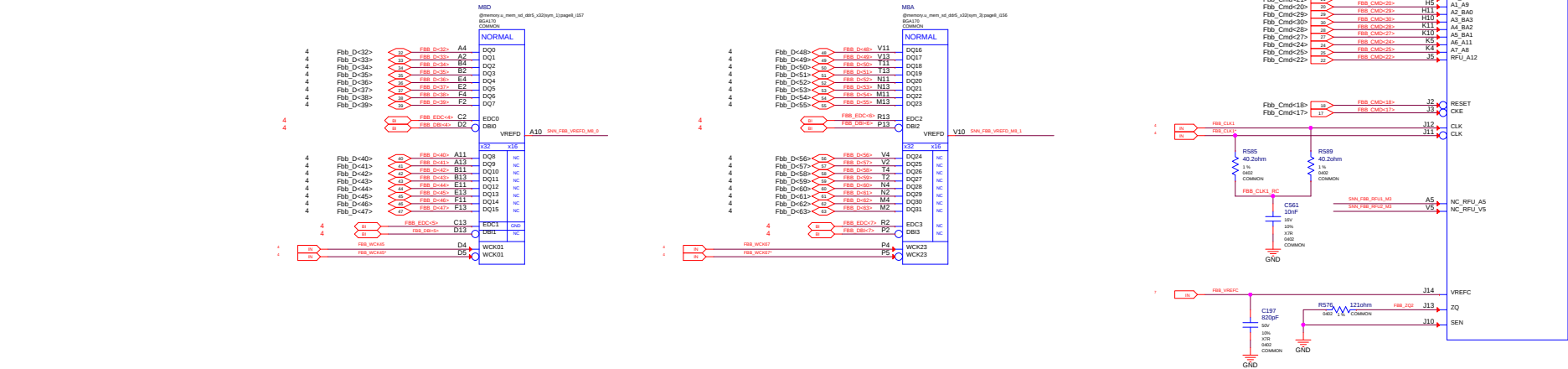
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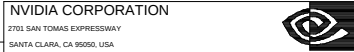
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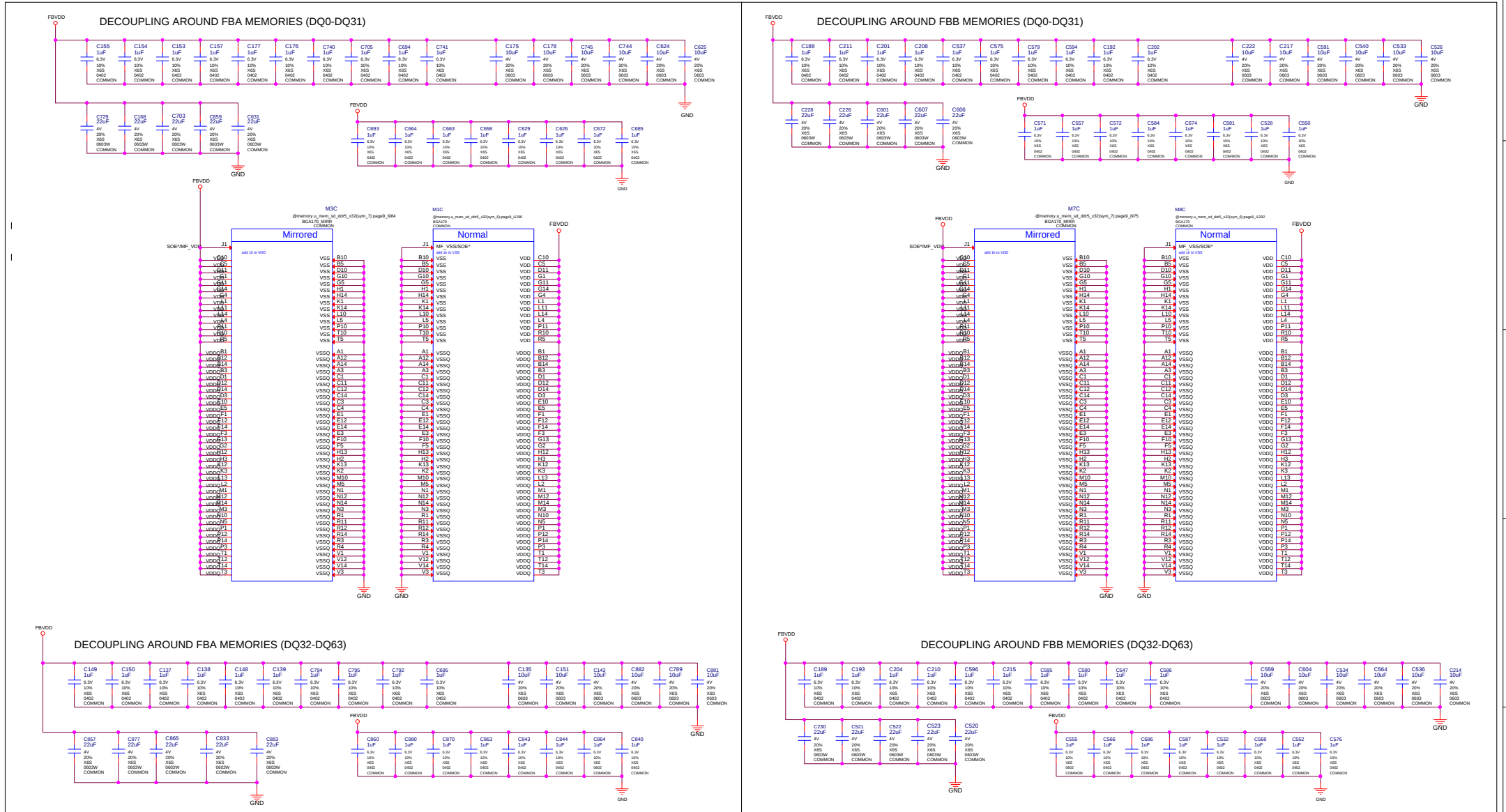
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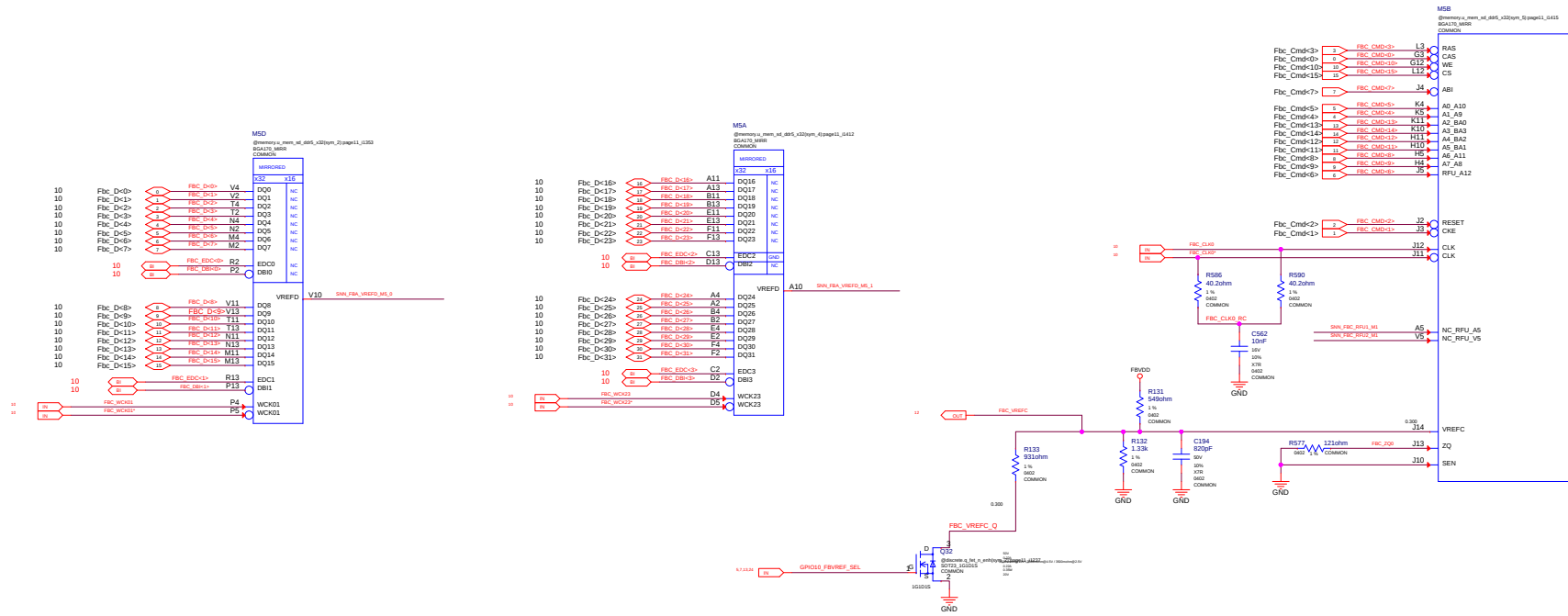
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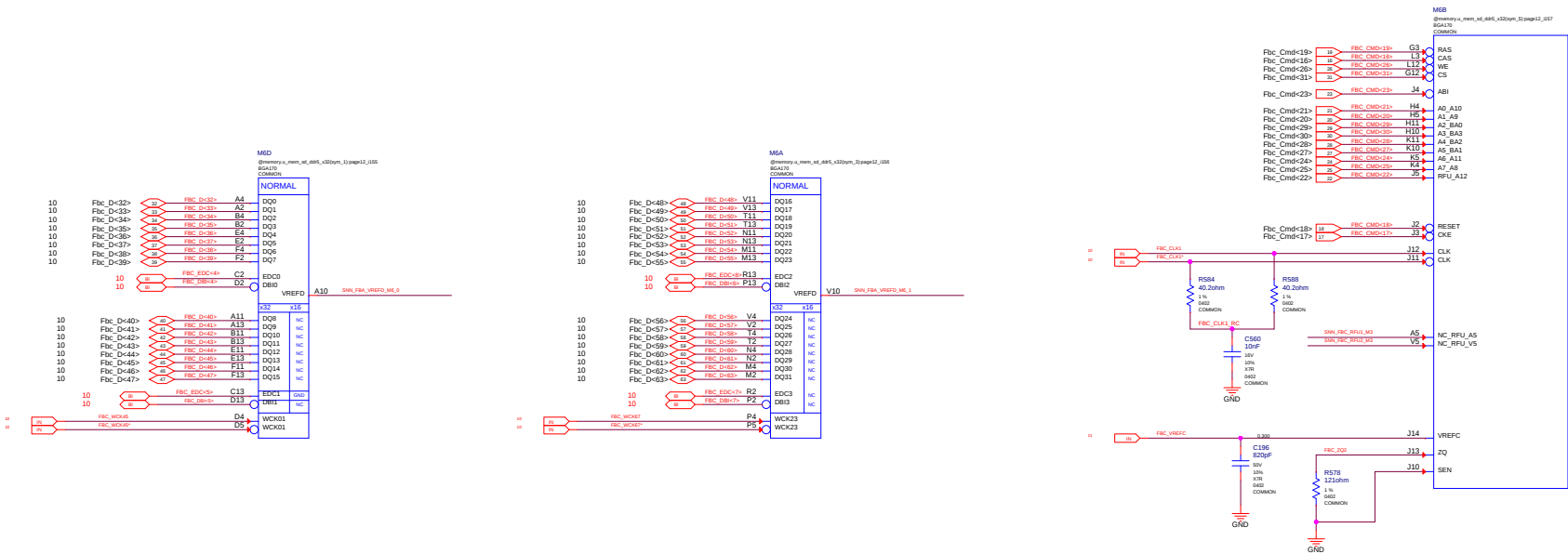


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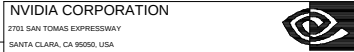
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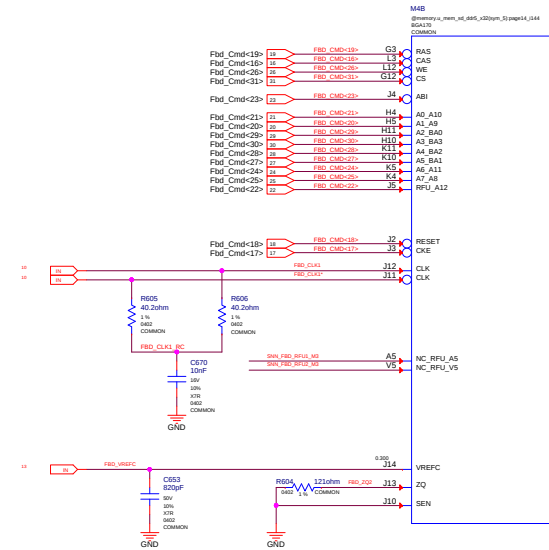
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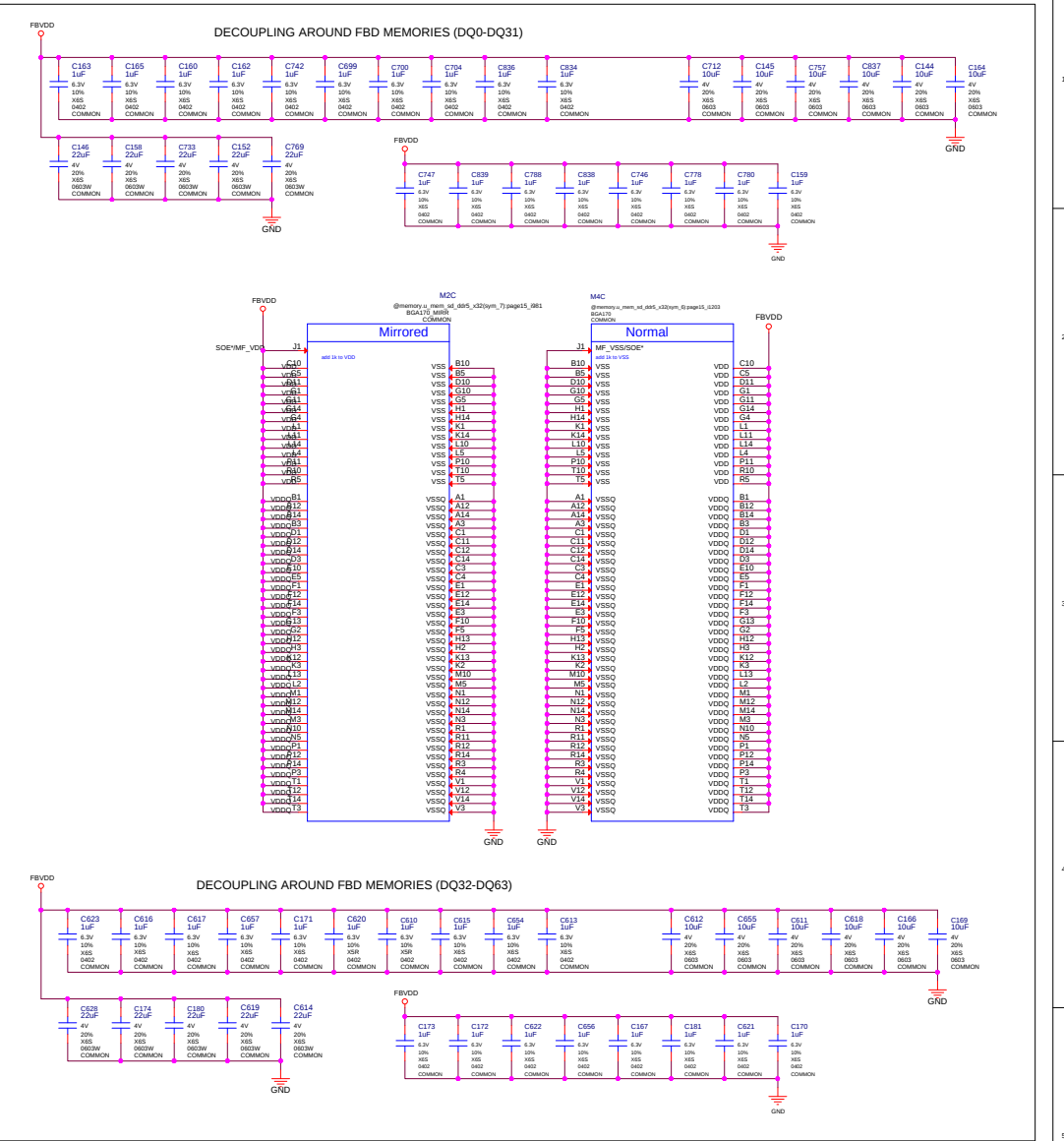
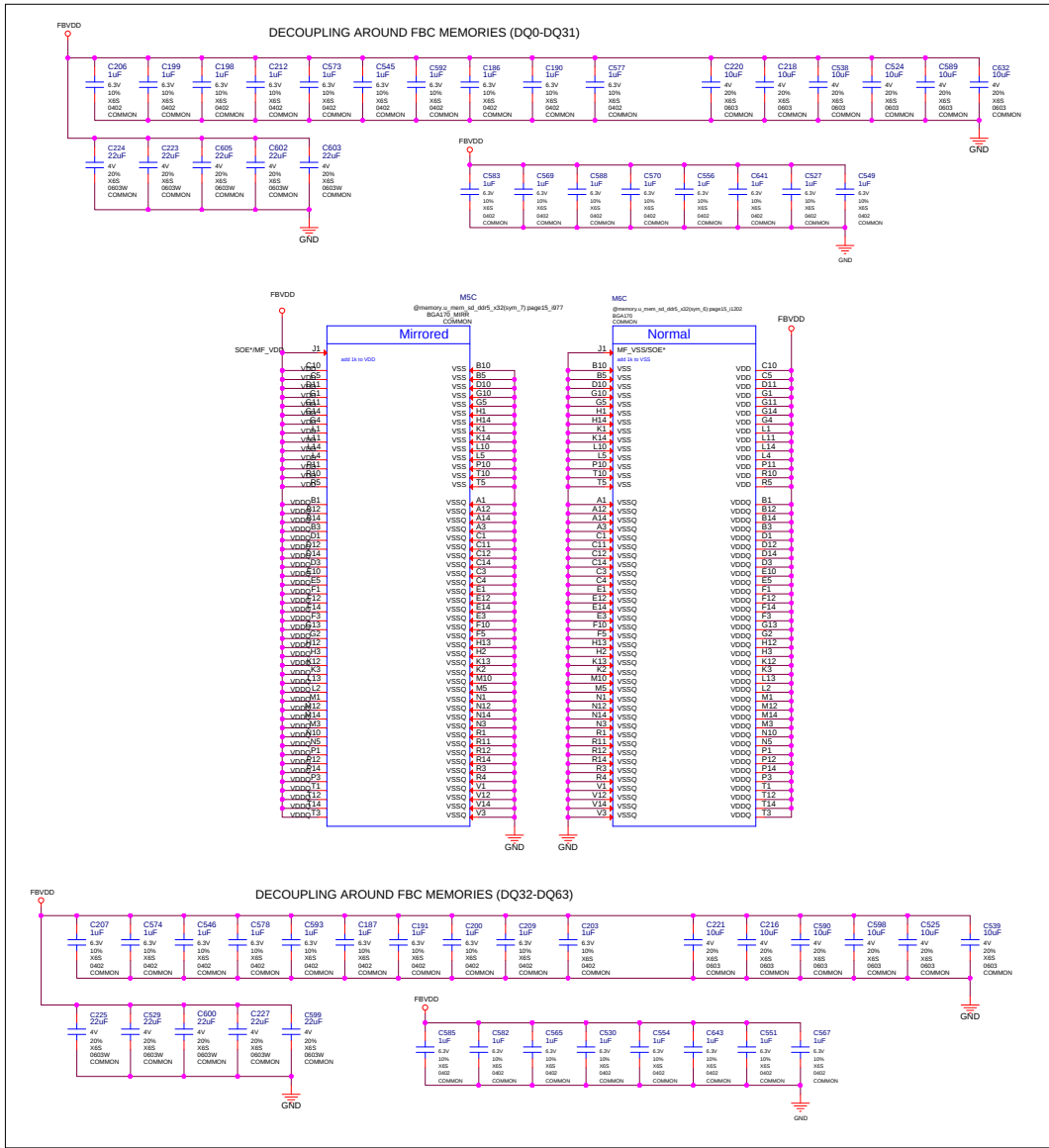


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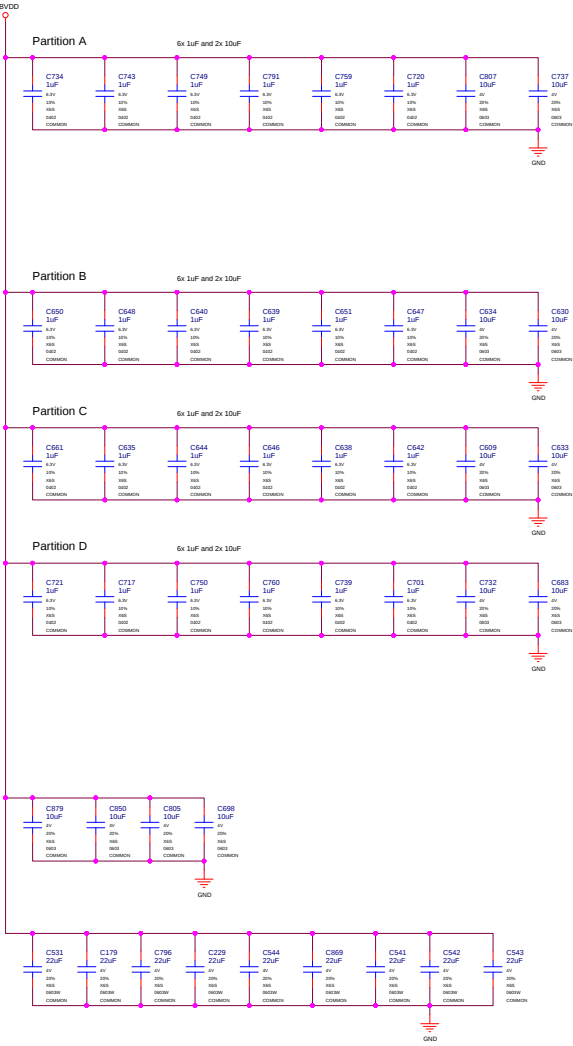


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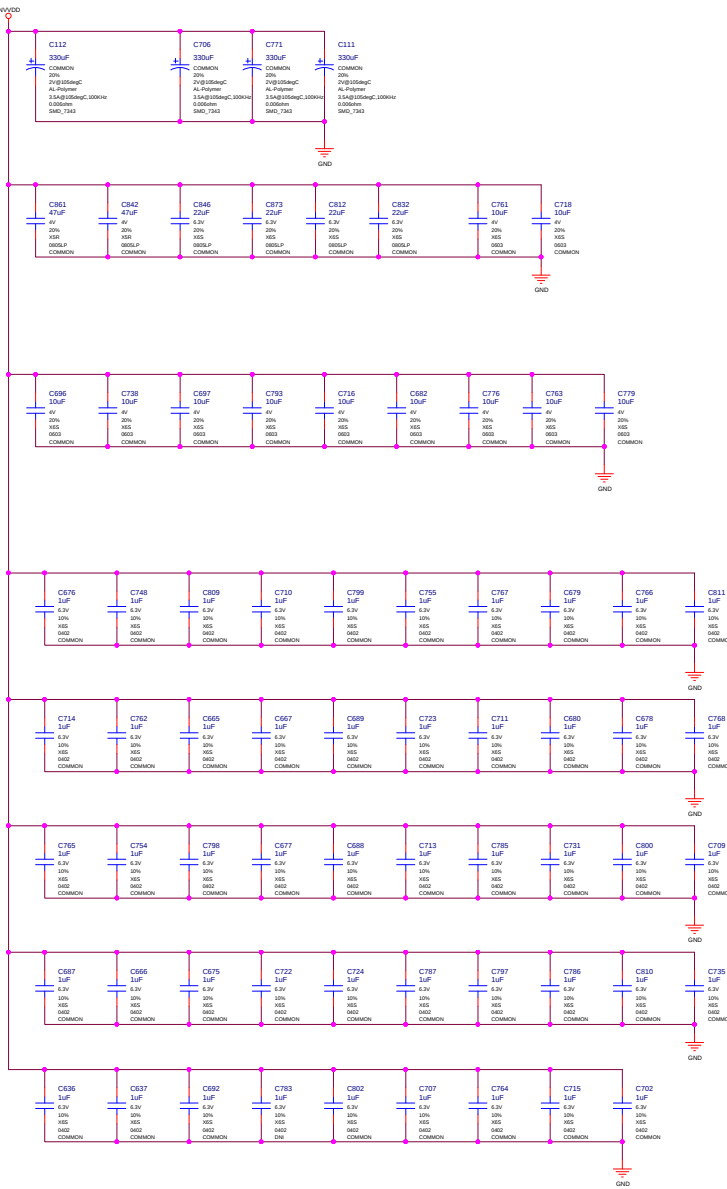




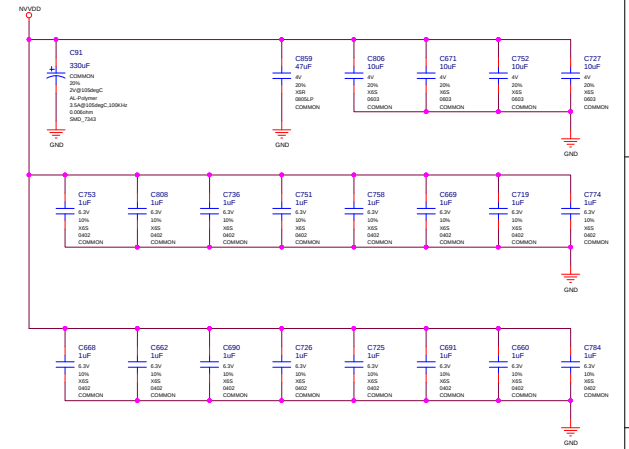
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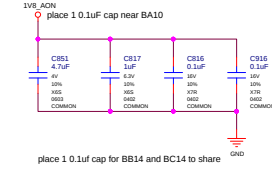
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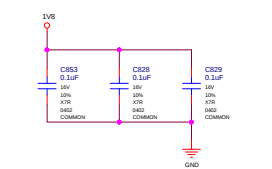
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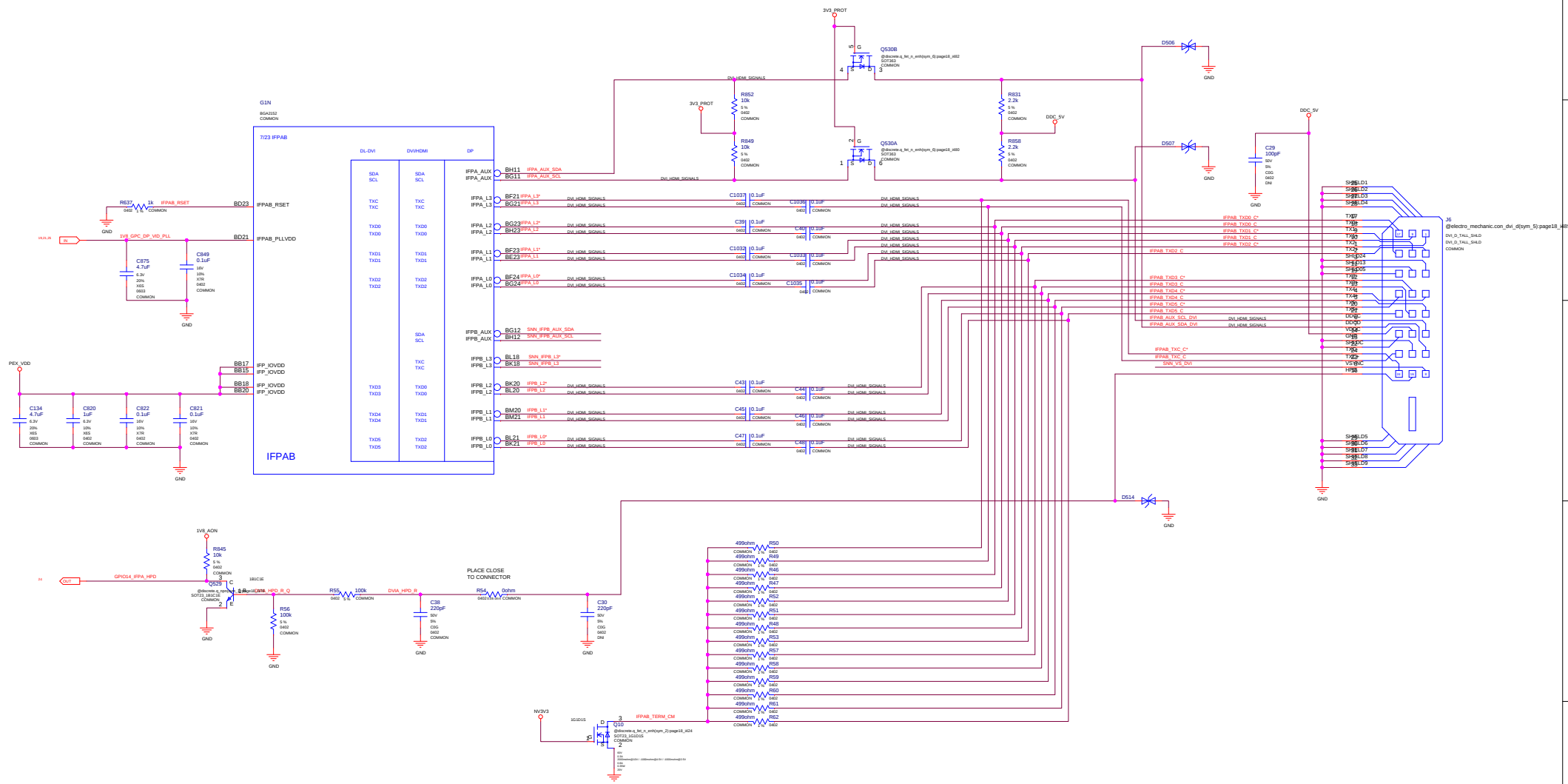
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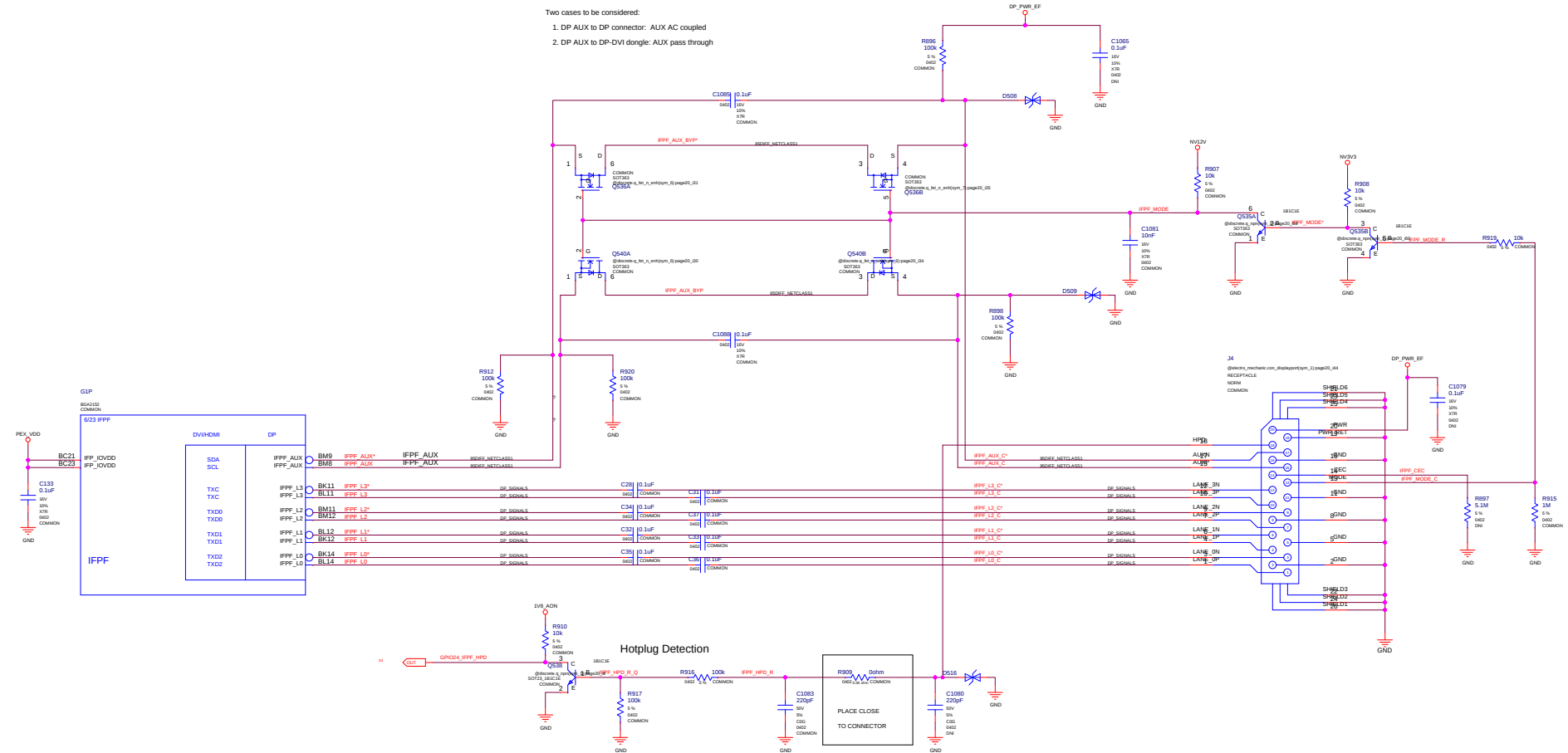
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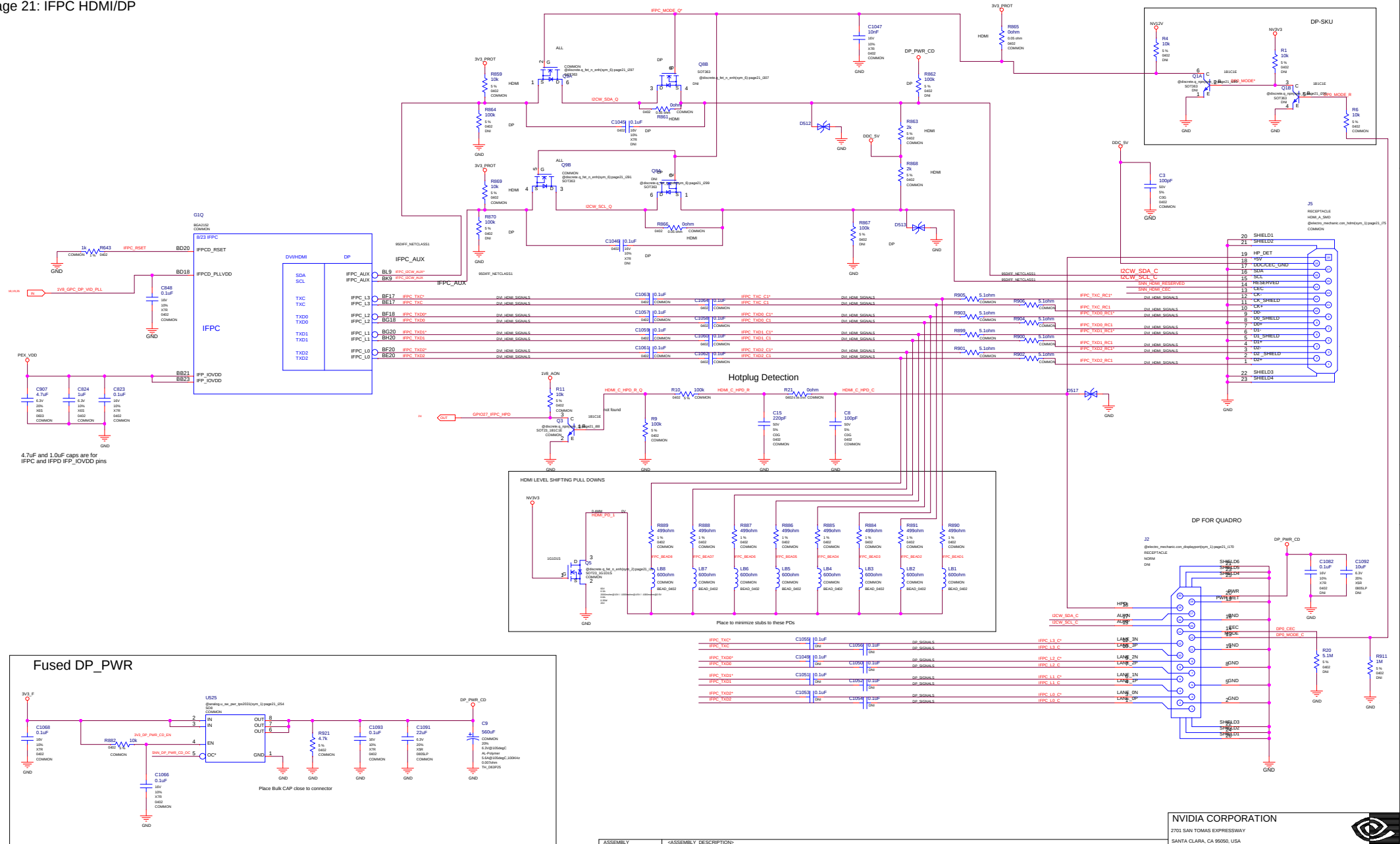
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2. DP AUX to DP-DVI dongle: AUX pass through



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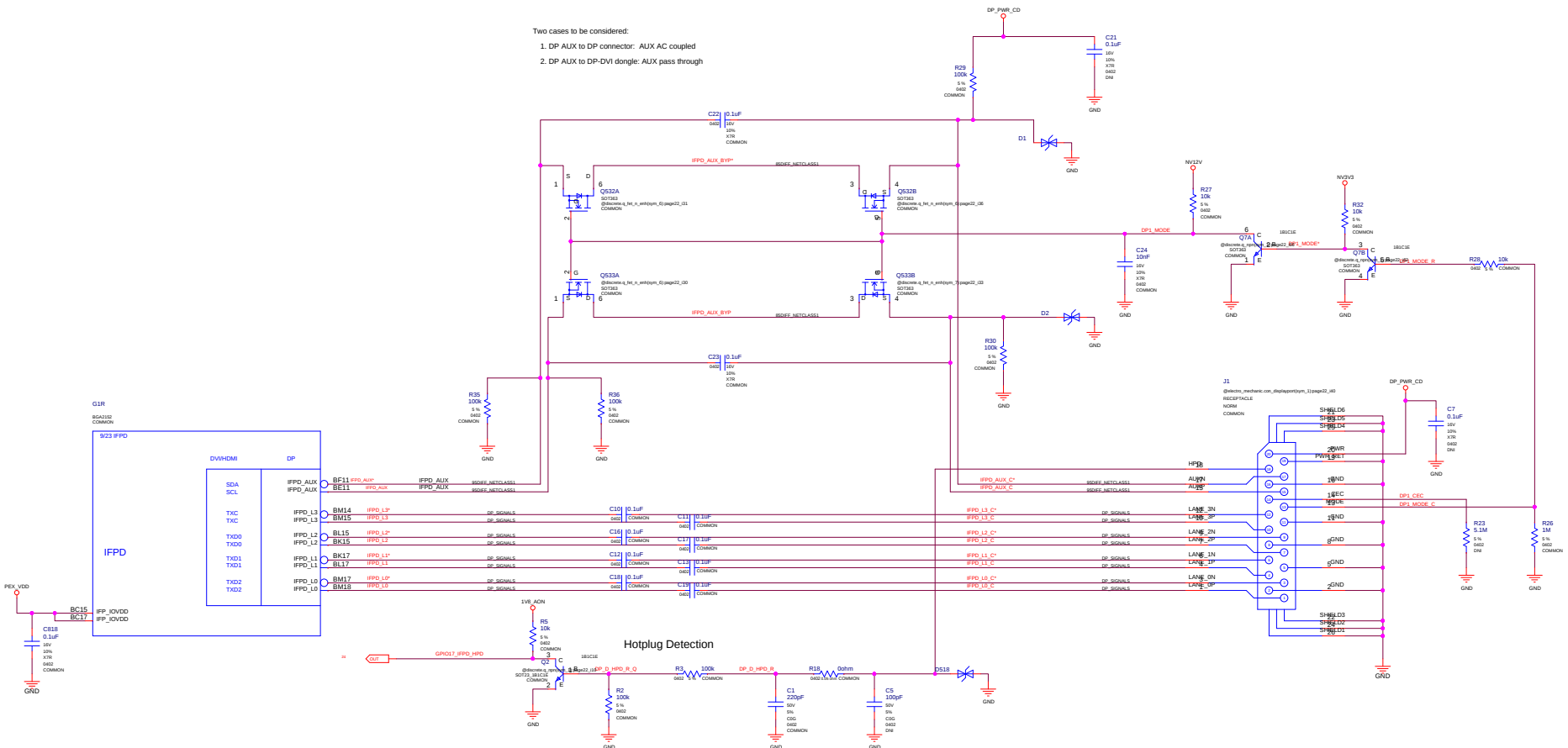
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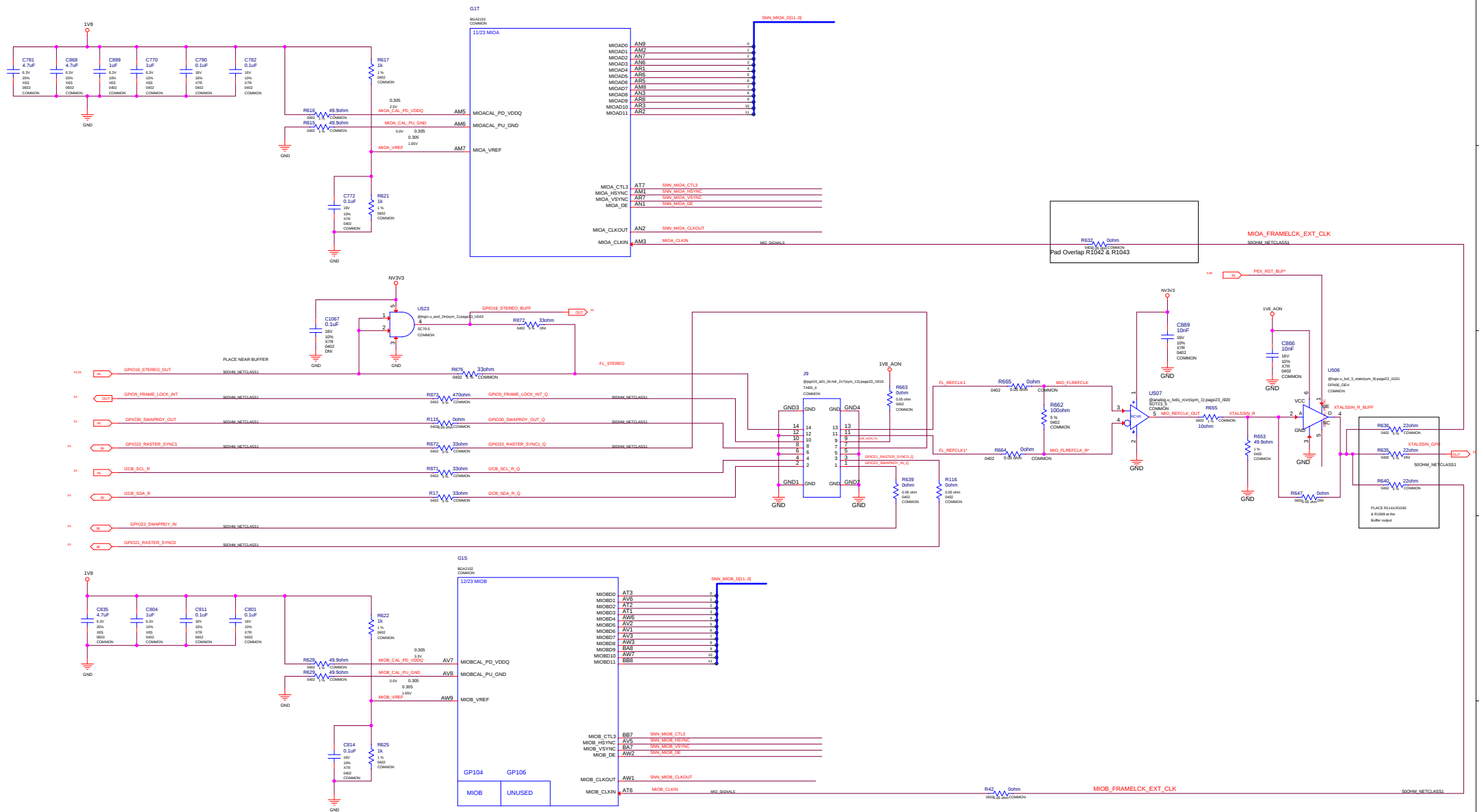
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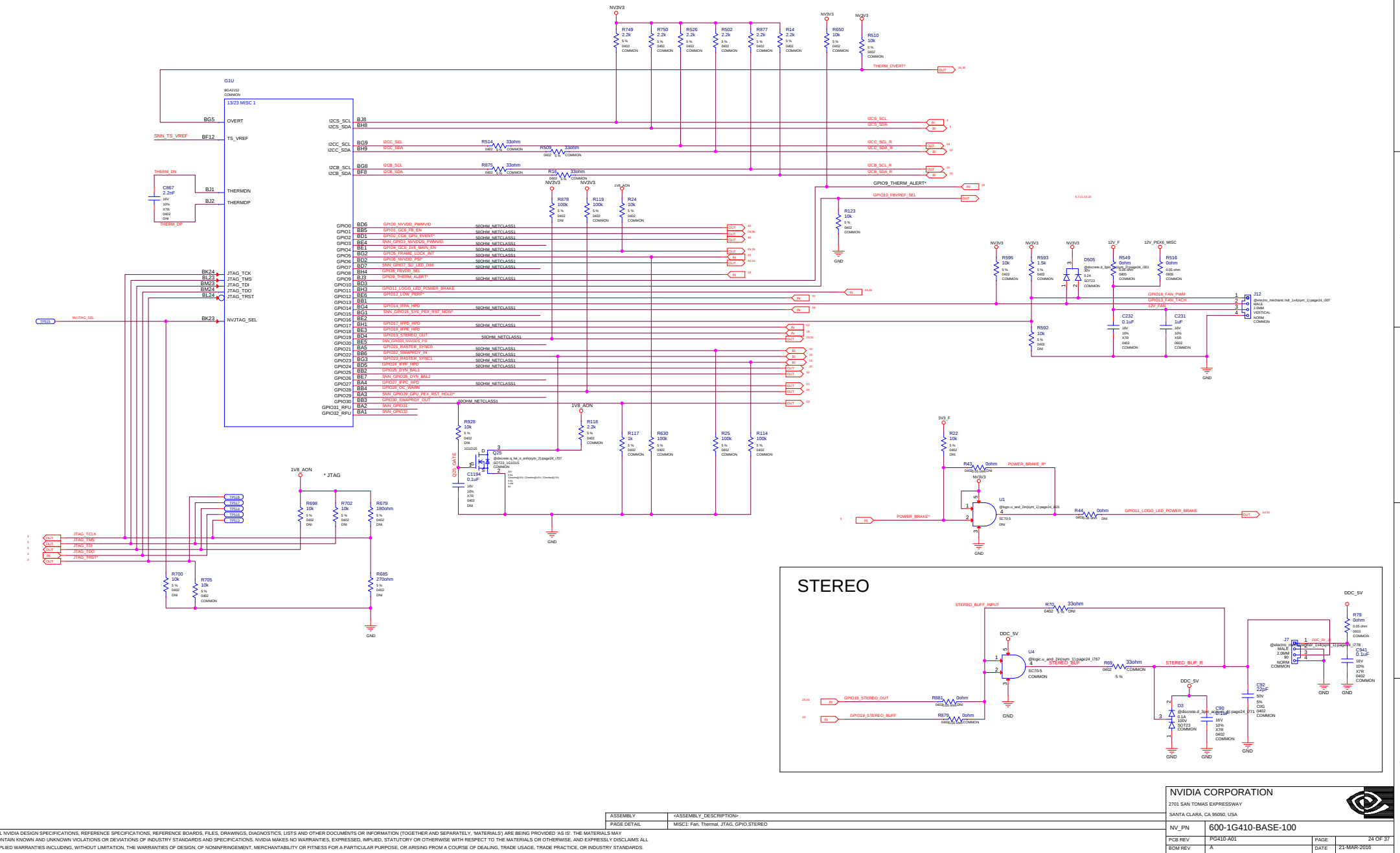


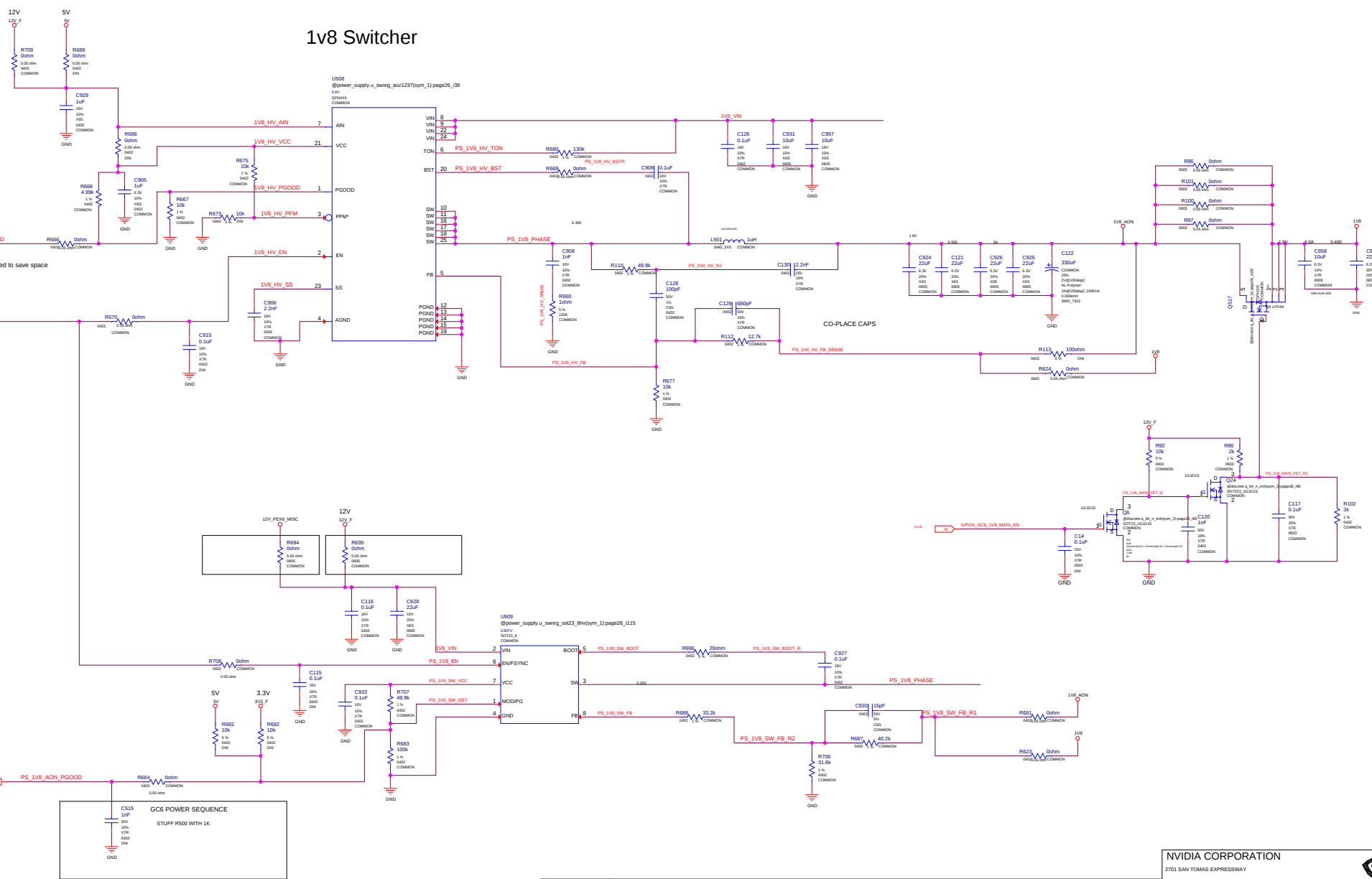


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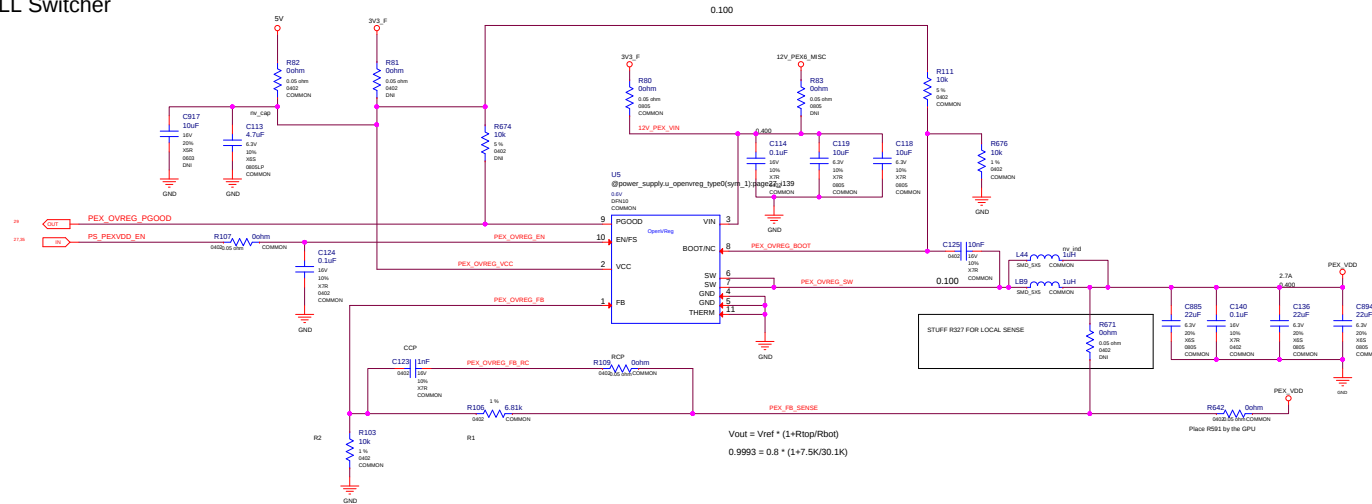
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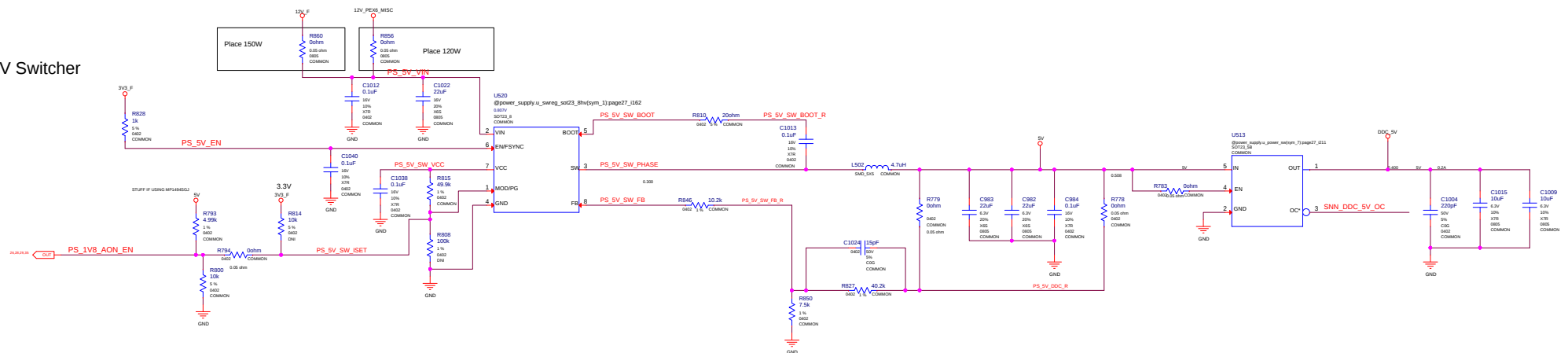


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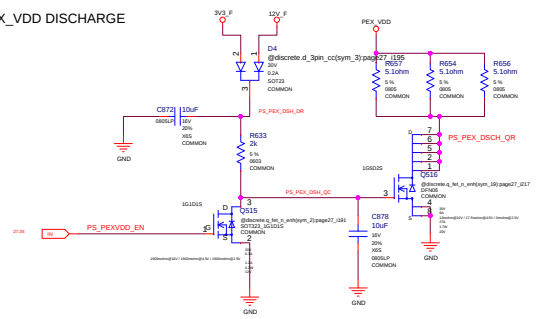
PEX PLL Switcher



5V Switcher



PEX_VDD DISCHARGE



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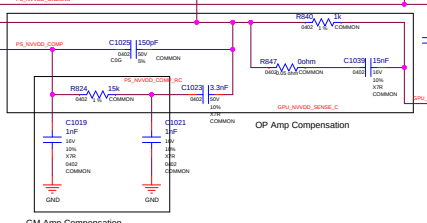
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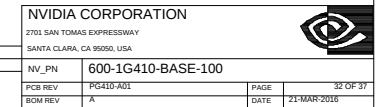


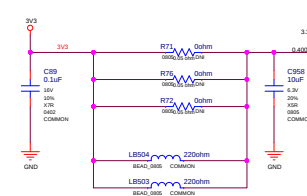
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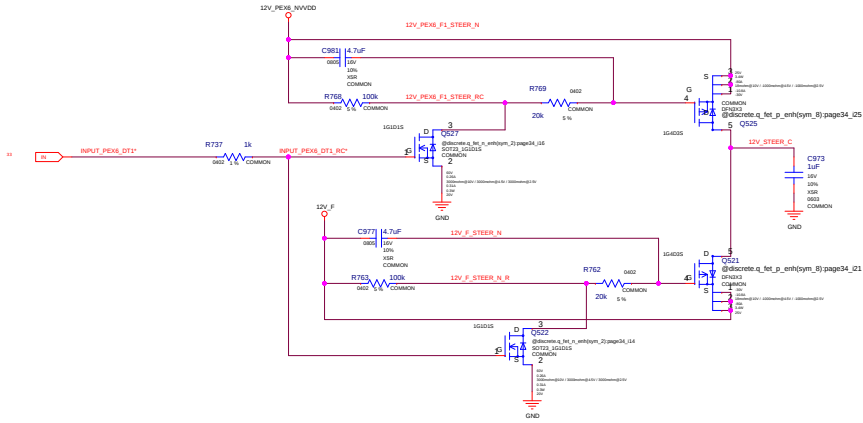
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PAGE DETAIL	PS: Input, Filtering, and Monitoring



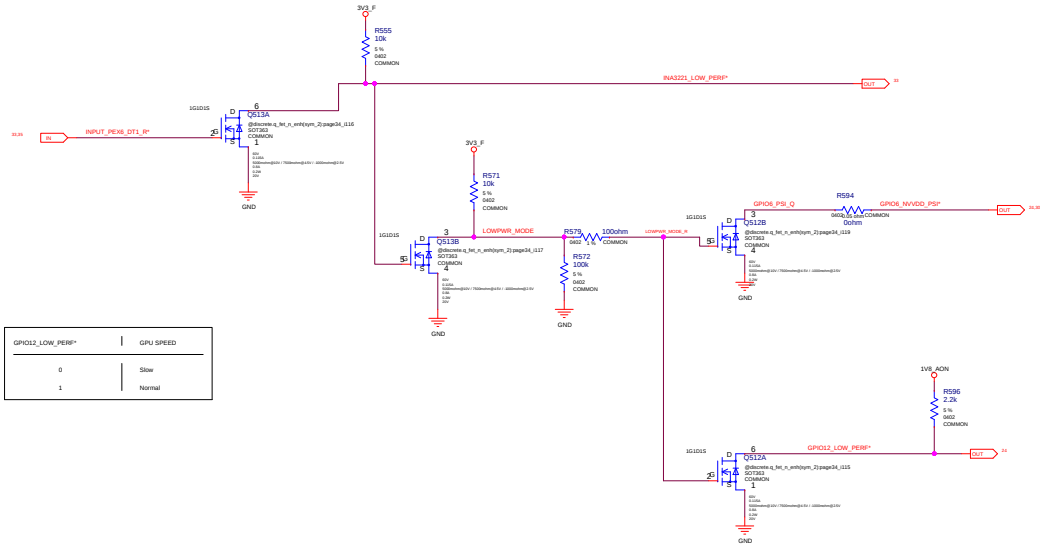
NV_PN	600-1G410-BASE-100		
PCB REV	PG410-A01	PAGE	33 OF 37
BOM REV	A	DATE	21-MAR-2016

12V CURRENT STEERING (UNDER POWER BOOT):

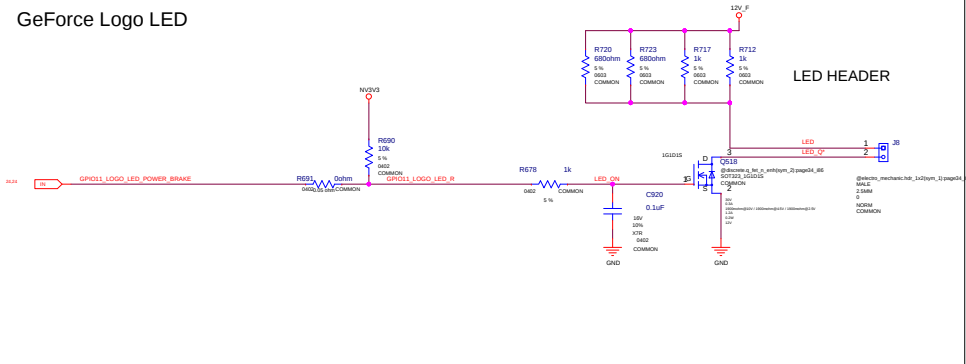
GUIDES CURRENT FROM PEX EDGE TO PEX 6 PIN INPUT AREA



PEX Input - Power Level/PSI* Control



GeForce Logo LED

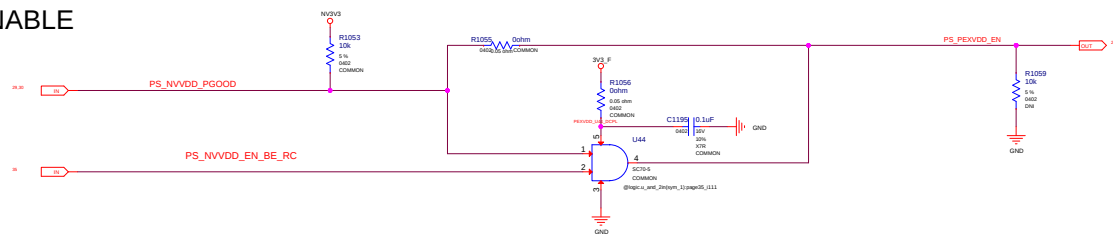
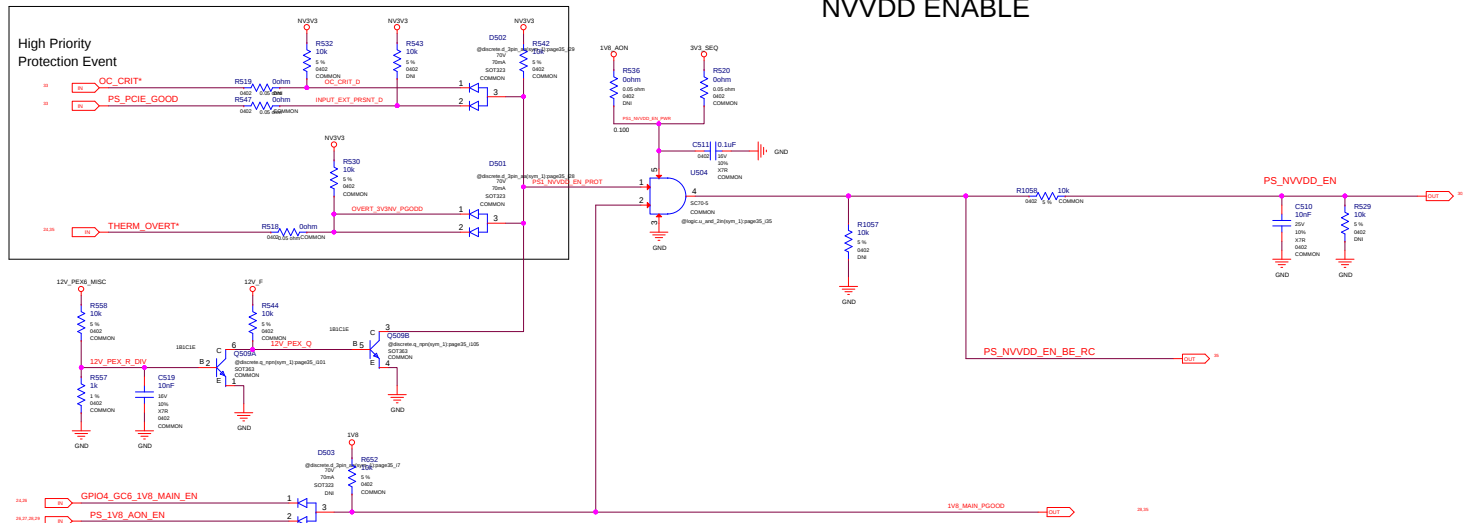
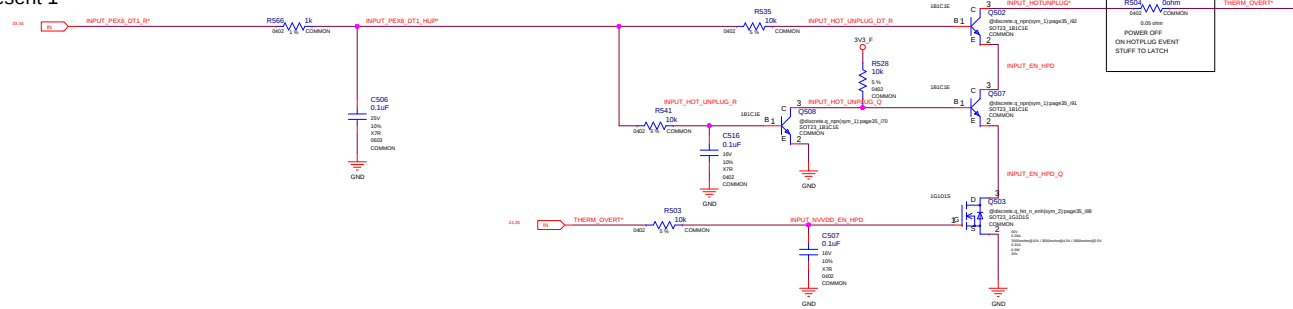


LED HEADER

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ASSEMBLY	<ASSEMBLY_DESCRIPTION>
PAGE DETAIL	PS: 12V Power Steering, PSI Control & LED

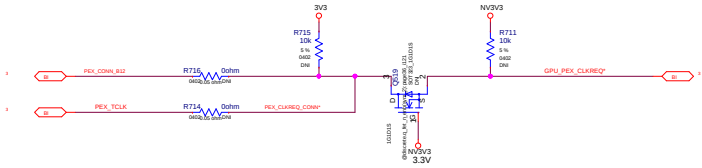
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SANTA CLARA, CA 95050, USA			
NV_PN	600-1G410-BASE-100		
PCB REV	PG410-A01	PAGE	34 OF 37
BOM REV	A	DATE	21-MAR-2015



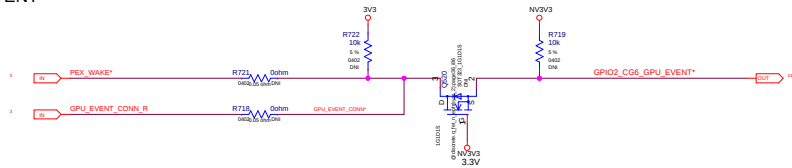
ASSEMBLY	<ASSEMBLY_DESCRIPTION>
PAGE DETAIL	PS: Shut Down and Sequencing

NV_PN	600-1G410-BASE-100		
PCB REV	PG410-A01	PAGE	35 OF 37
BOM REV	A	DATE	21-MAR-2016

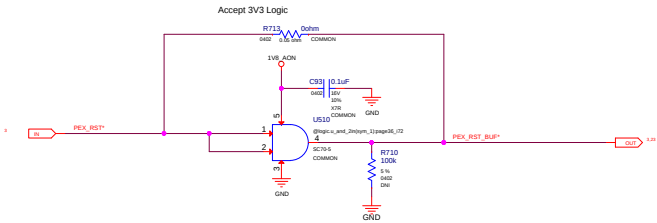
PEX_CLKREQ*



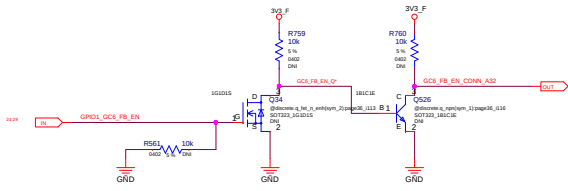
GPU_EVENT*



PEX_RST# LOGIC

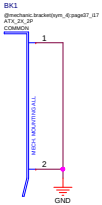


GC6 FB ENABLE

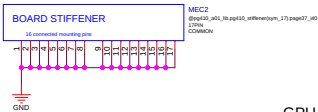


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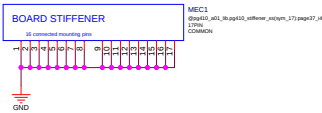
Brackets:



MOUNTING HOLES FOR HS DS:



MOUNTING HOLES FOR HS SS:

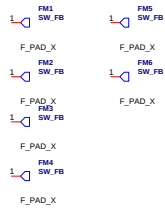
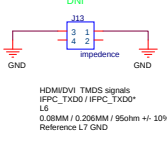
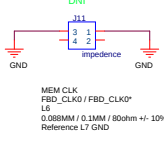
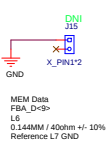
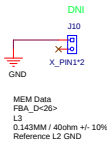


GPU Stiffener:



$V_{out} = 0.8V * (1 + R_{URR})$
 $1.08V = 0.8V * (1 + 3.57/11.5k)$

Reserve J8 - J12 for Impedance check



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ASSEMBLY	<ASSEMBLY_DESCRIPTION>
PAGE DETAIL	MECH

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NV_PN	600-1G410-BASE-100		
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