

PG401 A02

4GB GDDR5, 256b, 128Mx32

Tall DVI-I + DP + DP + DP/HDMI + DP

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PCB REV

PG401-A02

BCOM REV

A

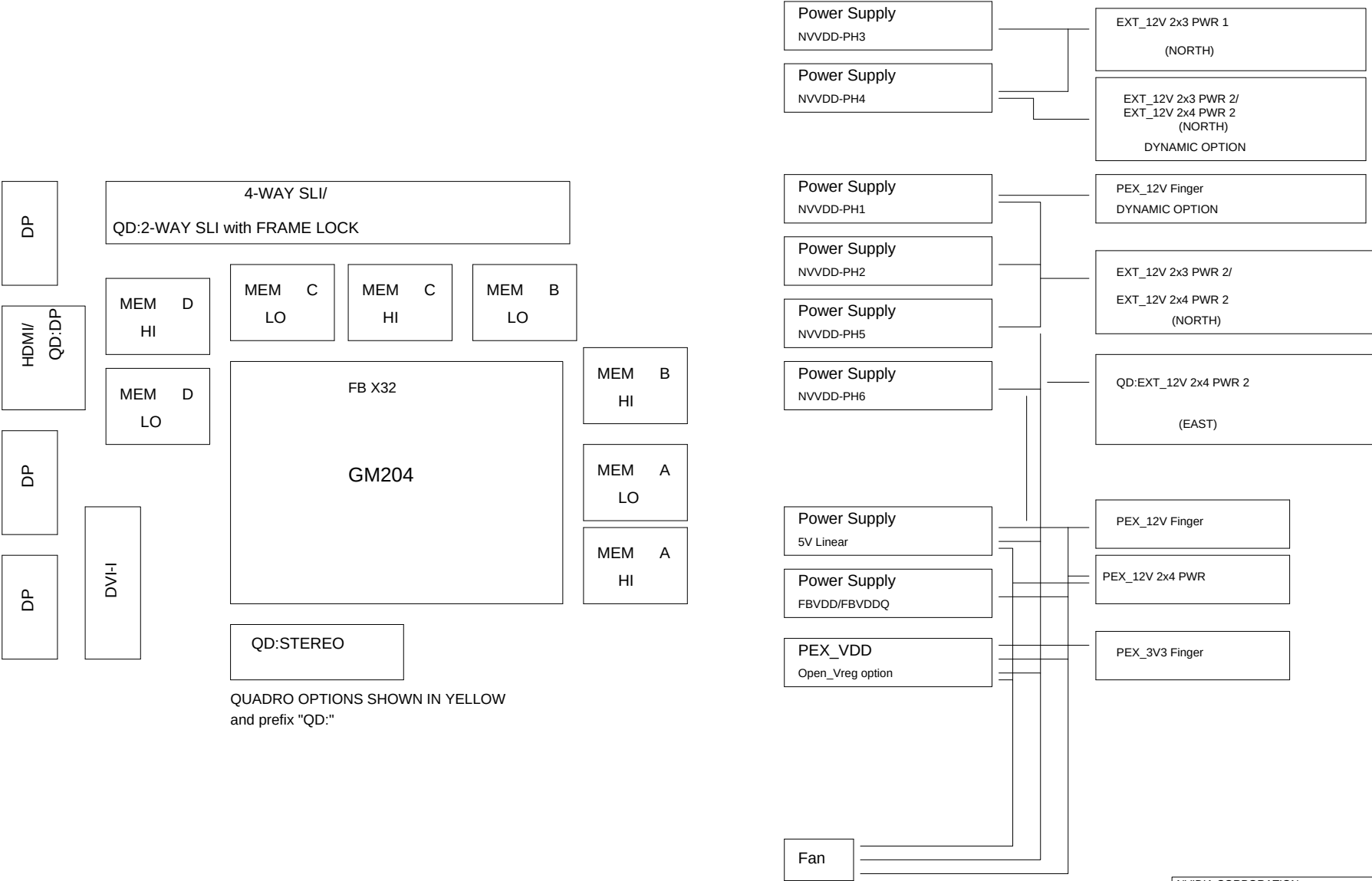
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DATE

04-AUG-2014





QUADRO OPTIONS SHOWN IN YELLOW
and prefix "QD:"

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ASSEMBLY	BASE LEVEL GENERIC SCHEMATIC ONLY
PAGE DETAIL	Block Diagram

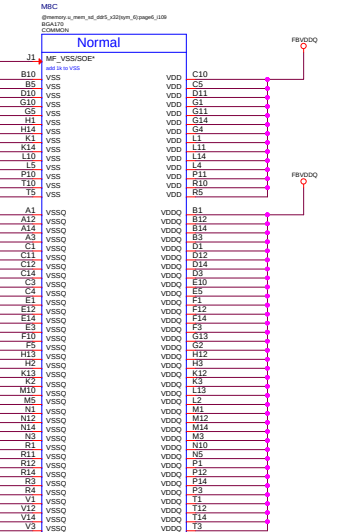
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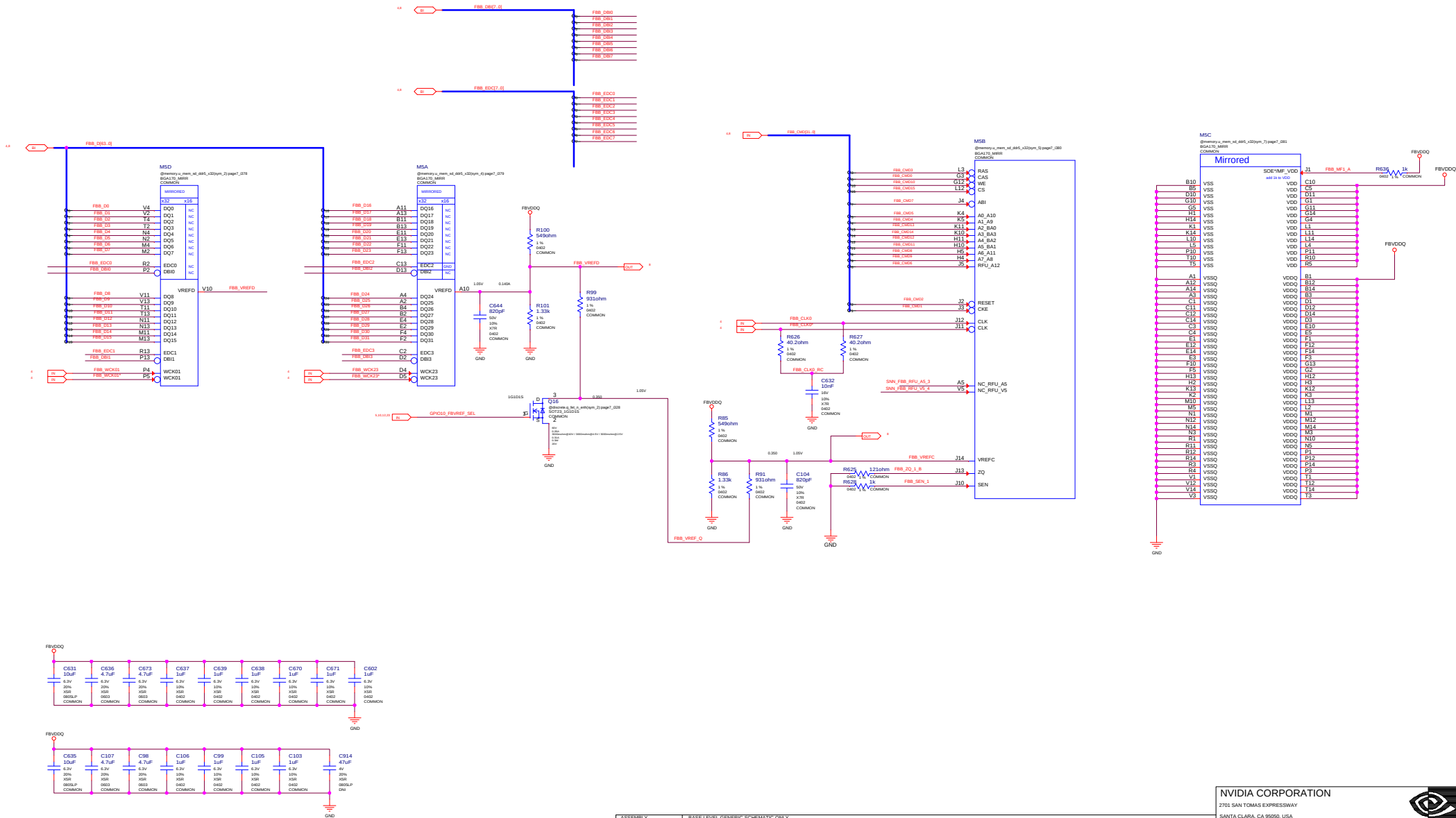
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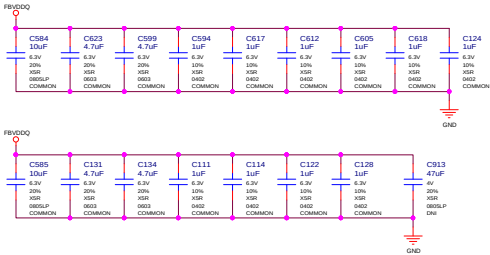
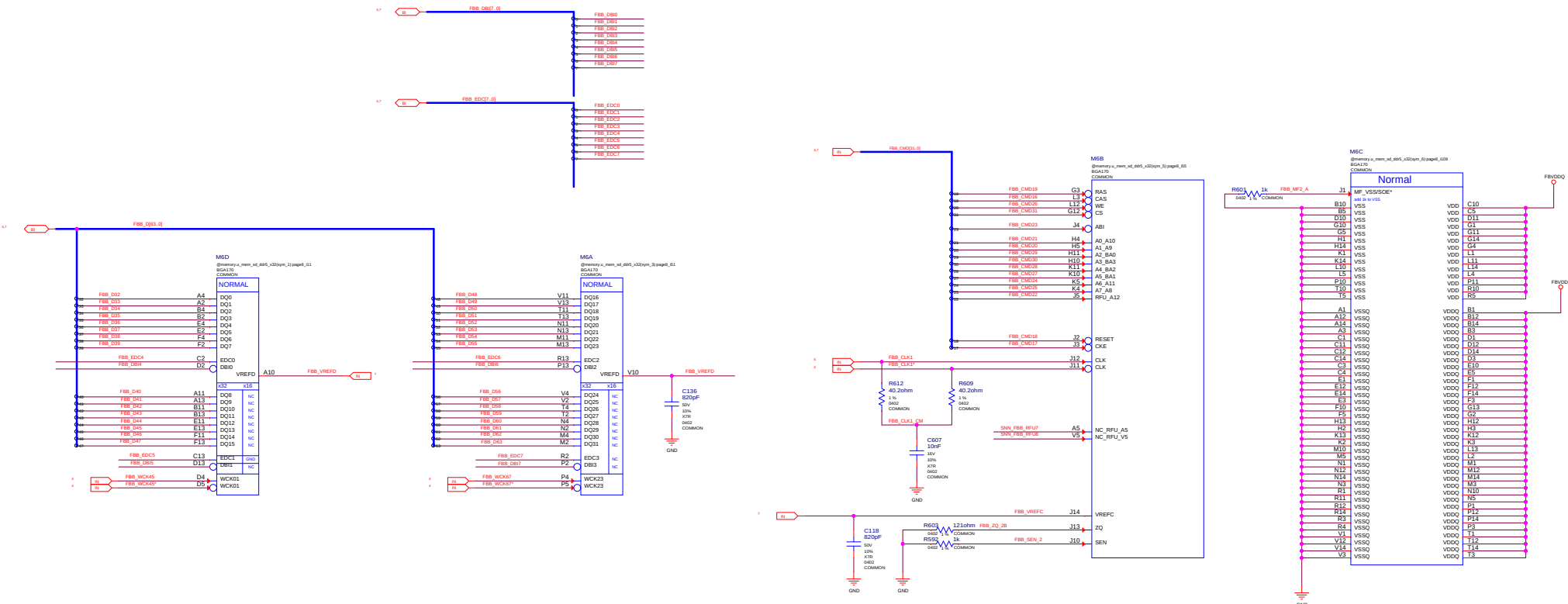
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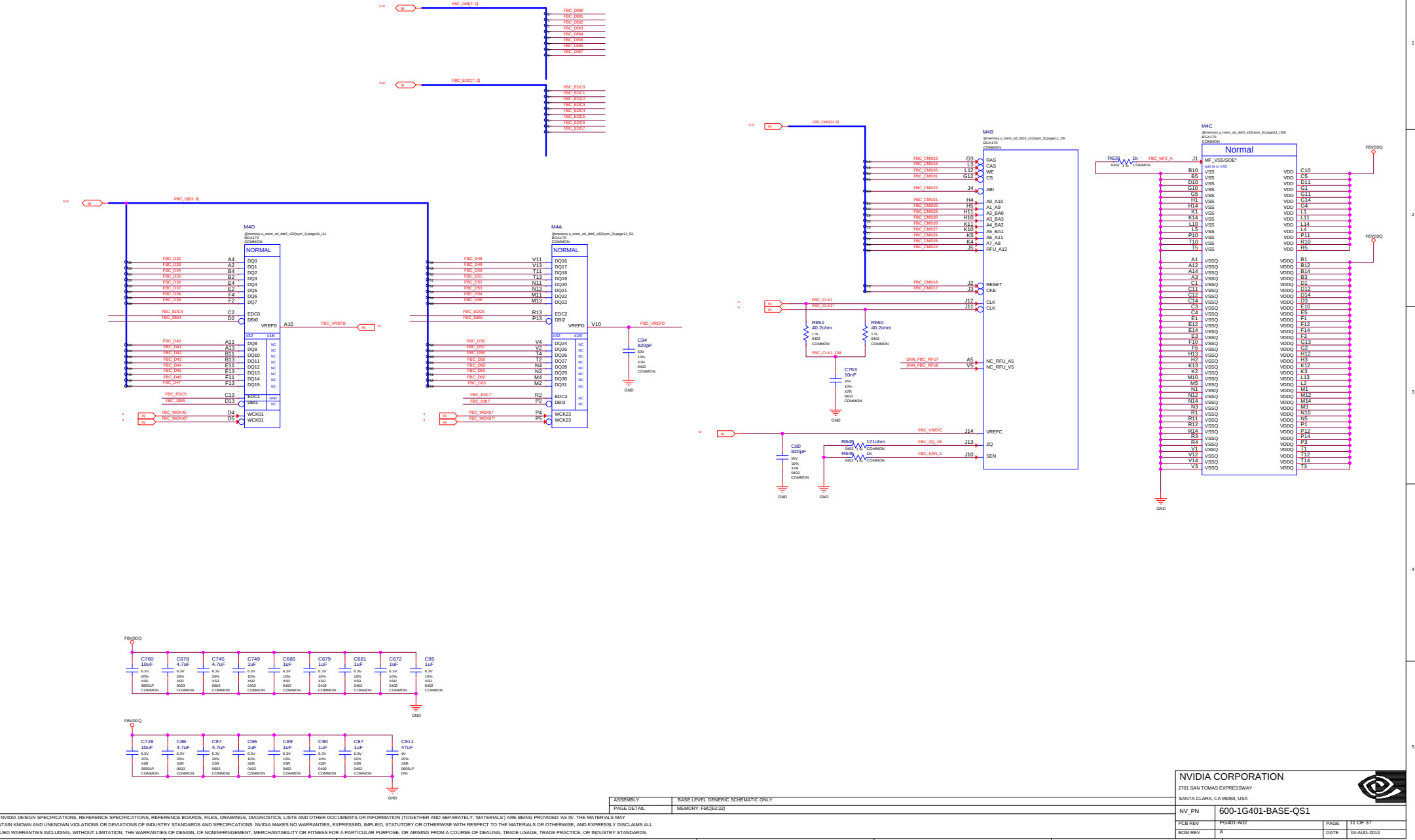
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PAGE DETAIL	MEMORY: FBB(63..32)

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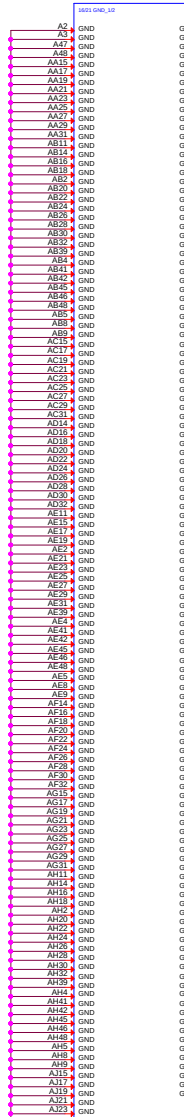


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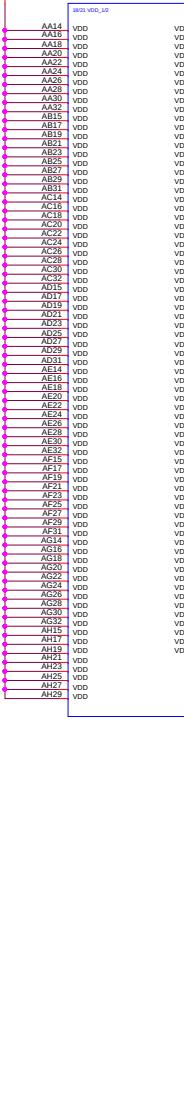
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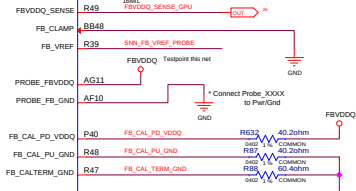
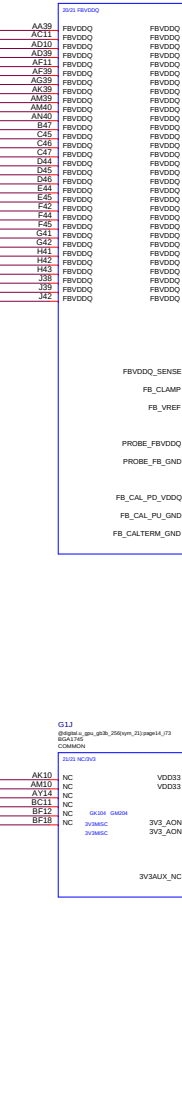
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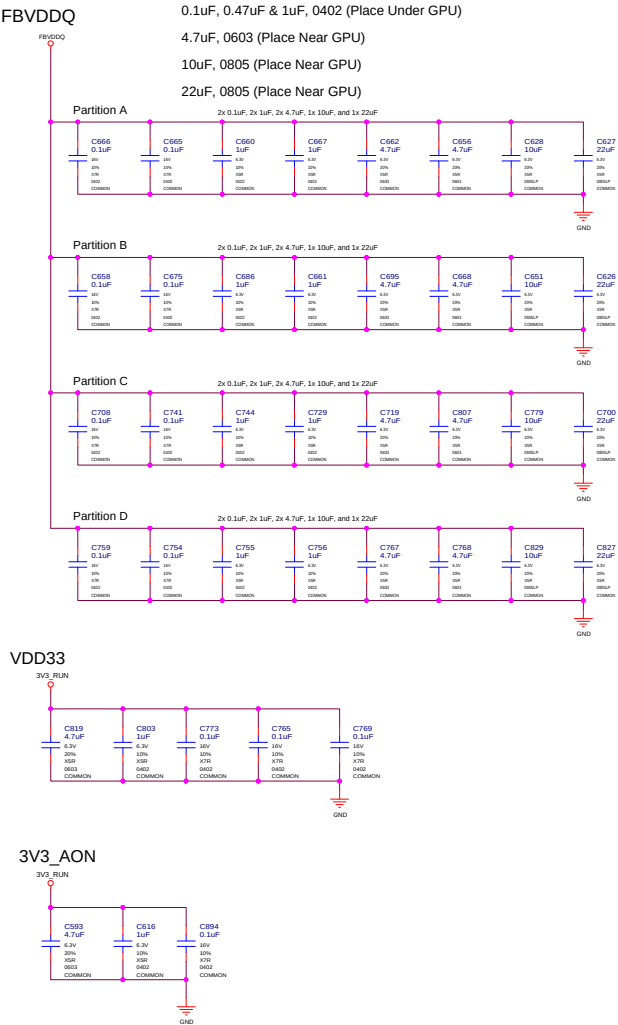
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PAGE DETAIL	GPU PWR and GND

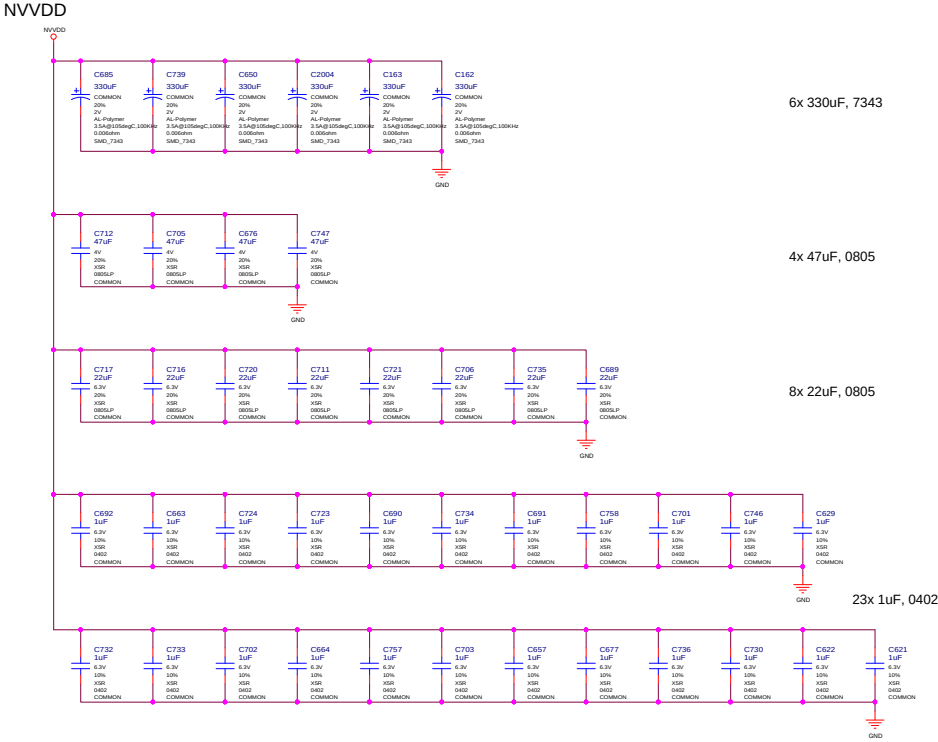
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Based on GB2-X GDDR5 FBVDDQ Decap Guideline



NVVDD Decoupling caps. Place under GPU.



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ASSEMBLY	BASE LEVEL GENERIC SCHEMATIC ONLY
PAGE DETAIL	GPU Decoupling

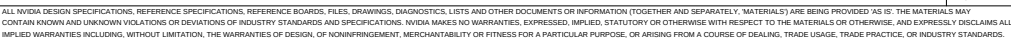
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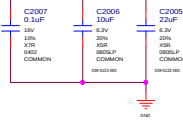
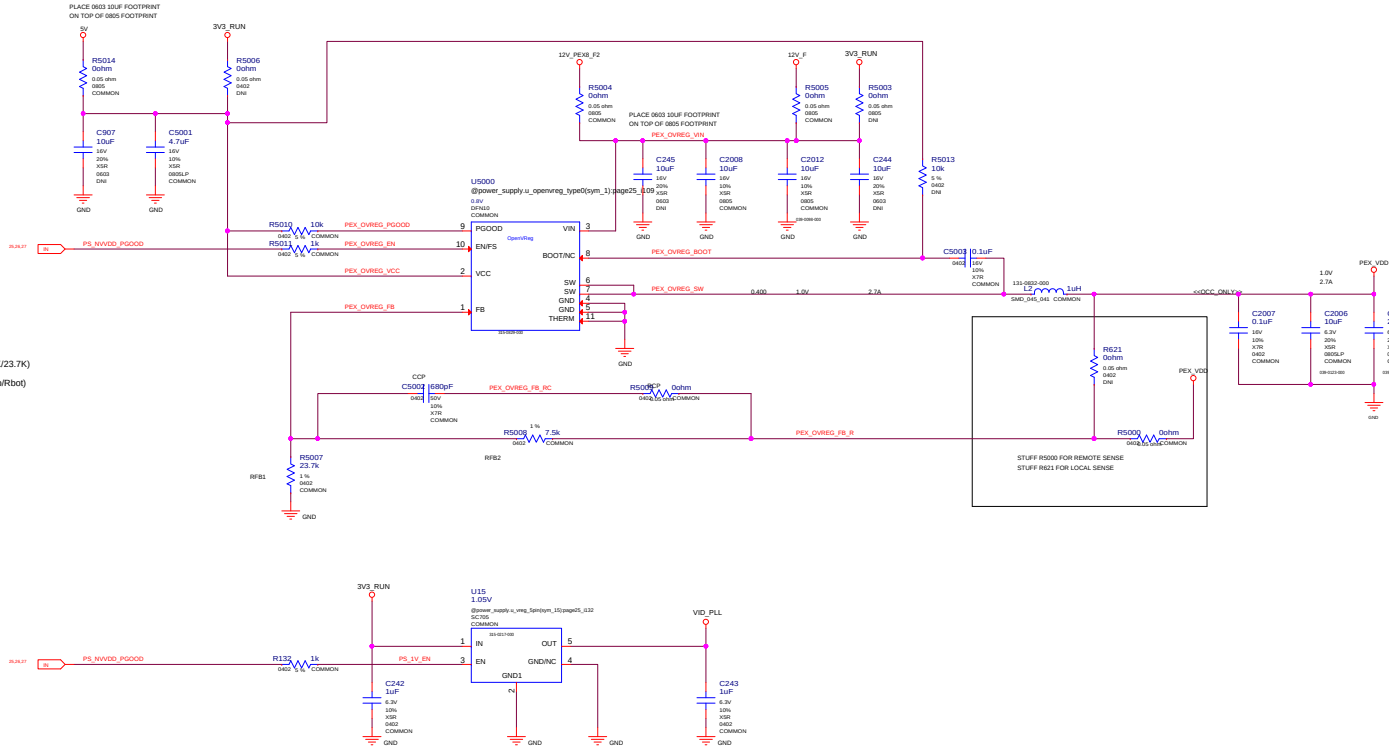


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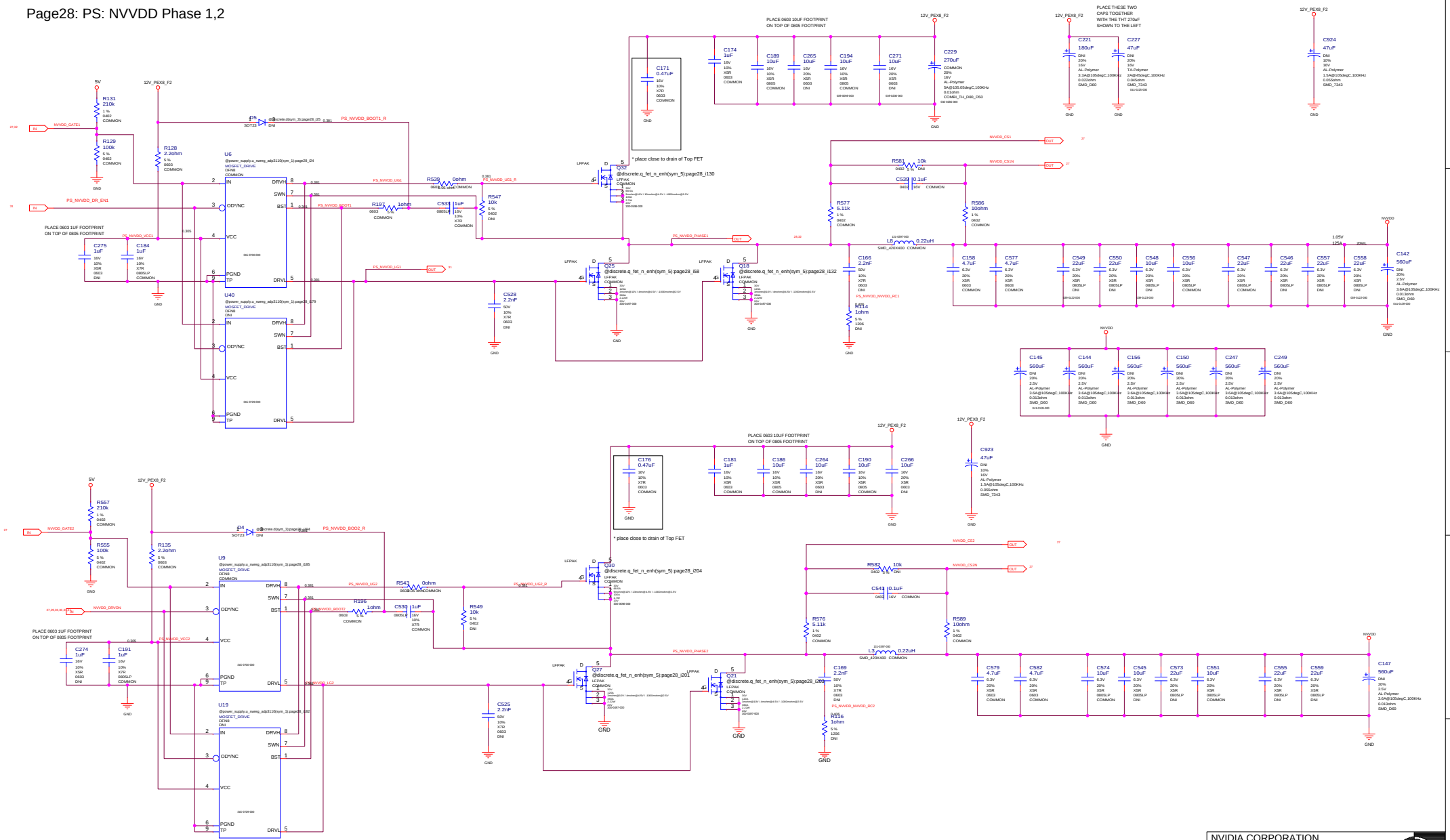
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ASSEMBLY	BASE LEVEL GENERIC SCHEMATIC ONLY
PAGE DETAIL	PS: 5V, PEX_VDD

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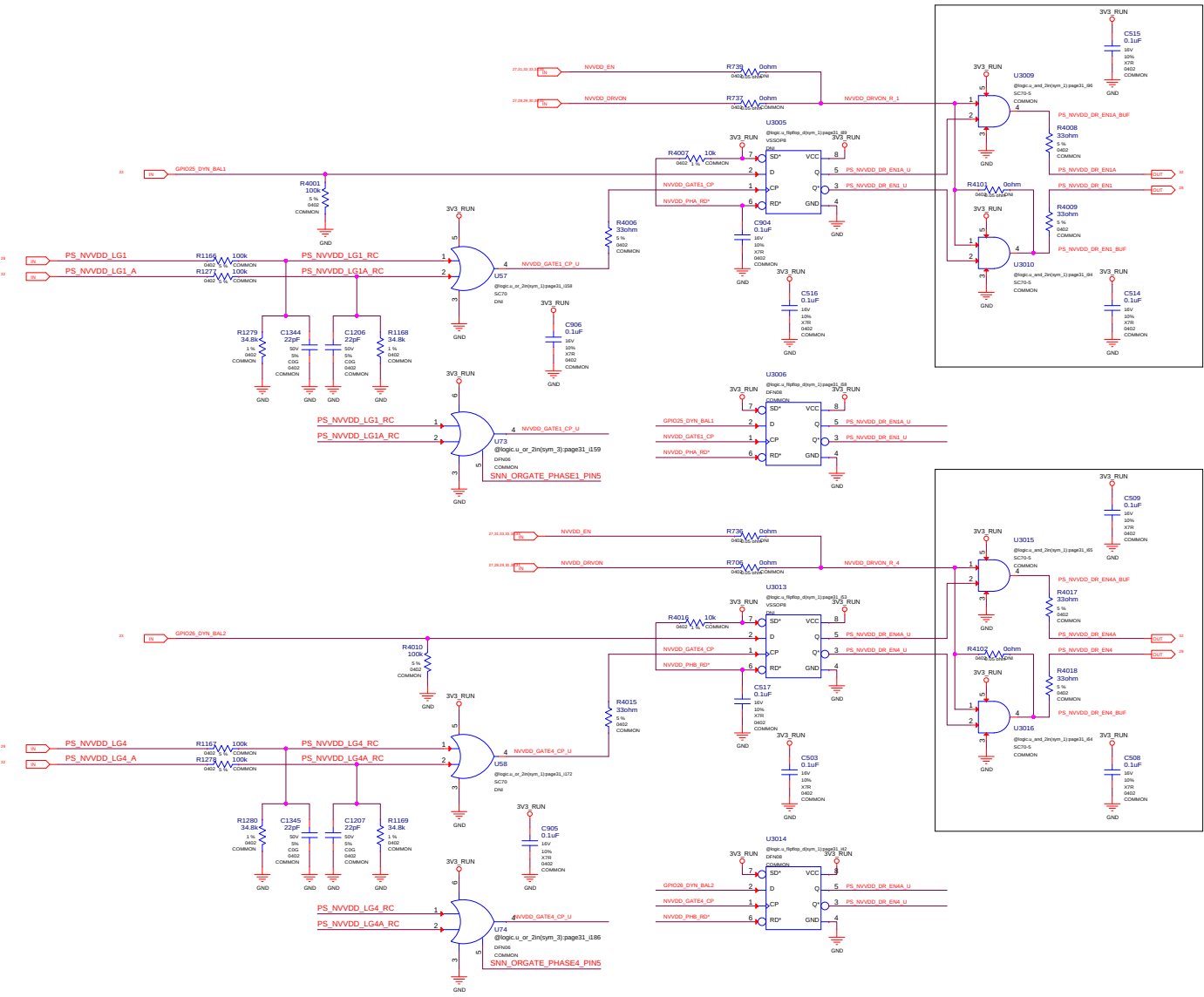
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PAGE DETAIL	PS: NVDD Phase 1,2

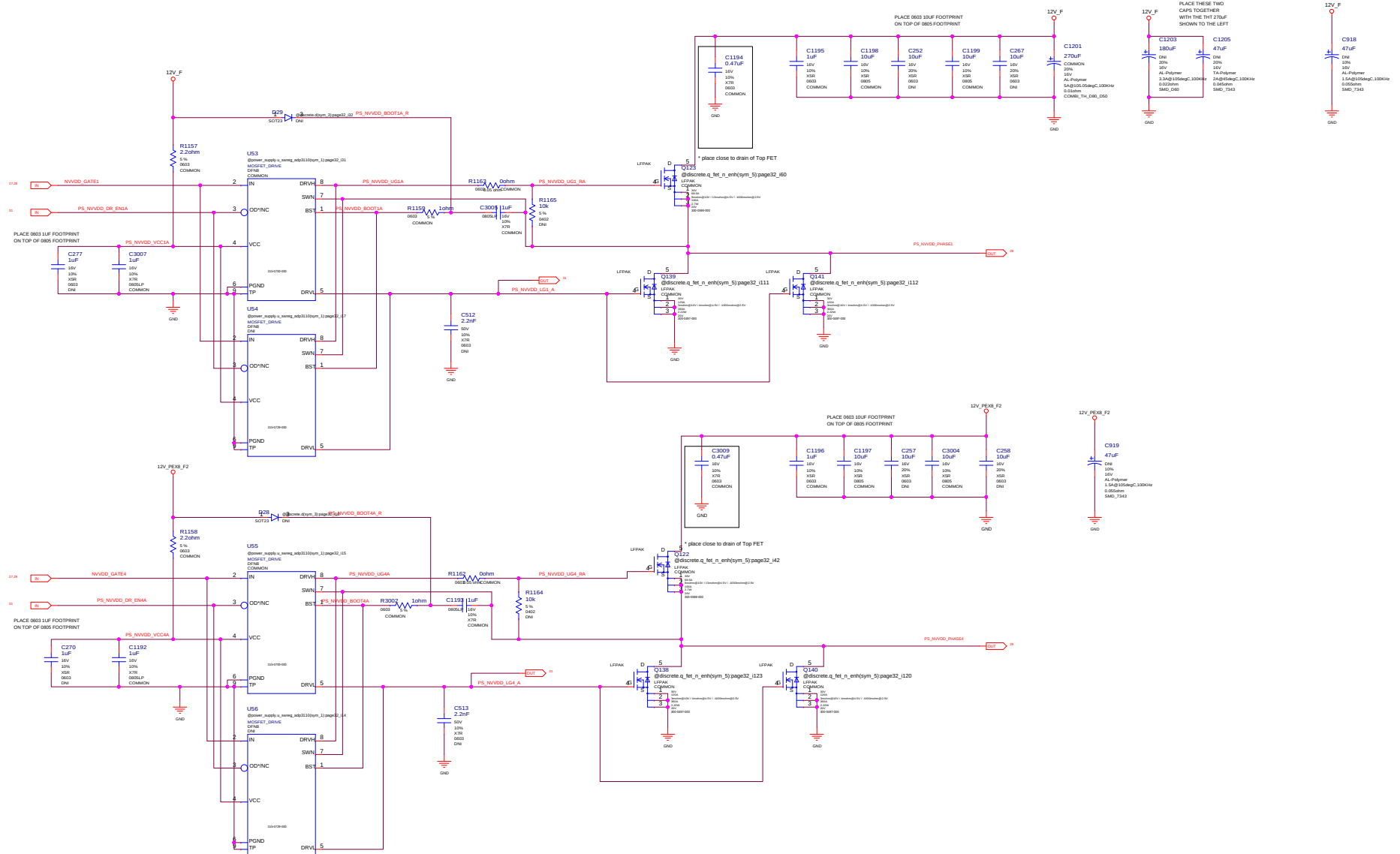
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PAGE DETAIL	PS: Dynamic Power Balance Logic

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ASSEMBLY	BASE LEVEL GENERIC SCHEMATIC ONLY
PAGE DETAIL	PS: Dynamic Power Balance Phases

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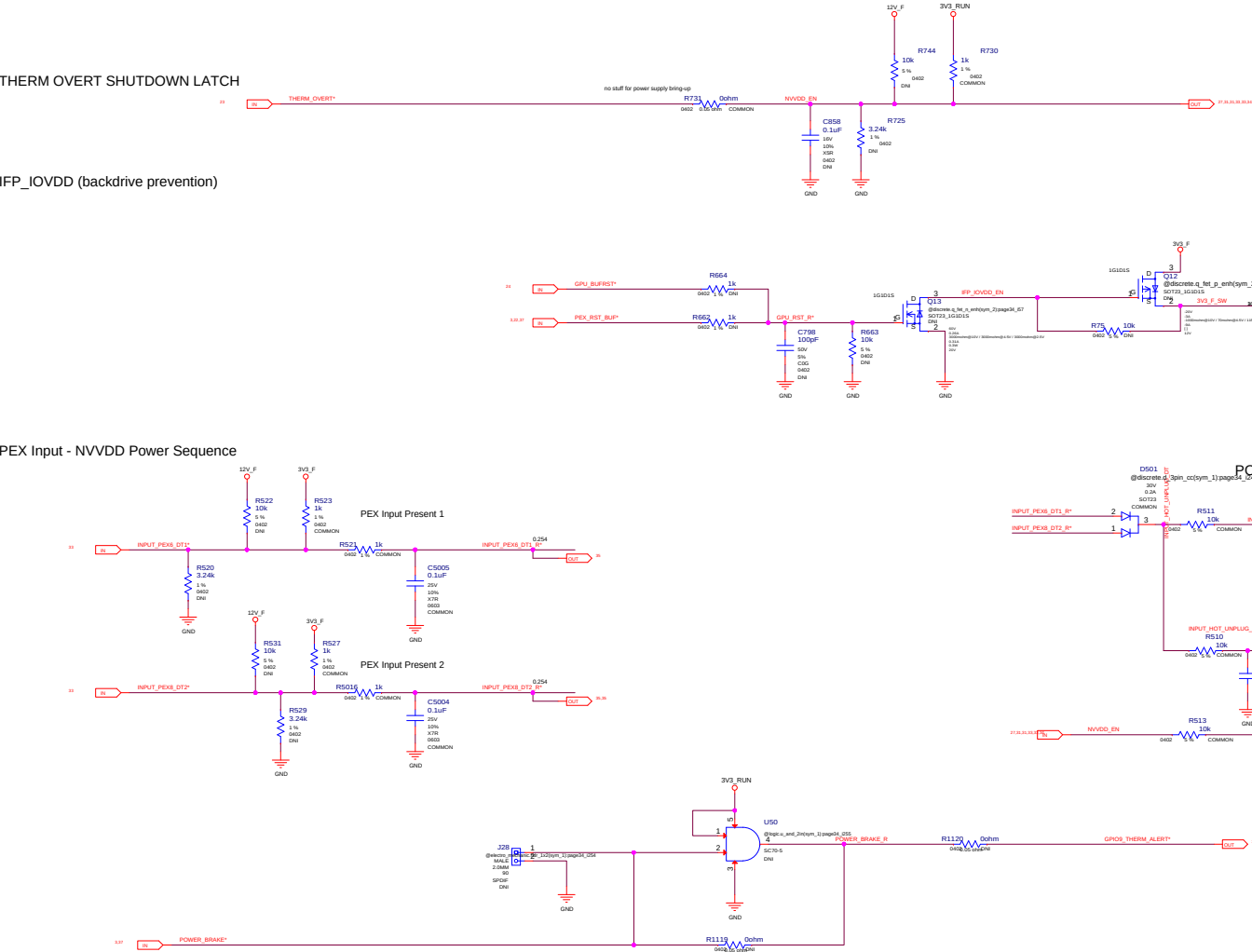
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THERM OVERT SHUTDOWN LATCH

IFP_IOVDD (backdrive prevention)

PEX Input - NVVDD Power Sequence

POWER CONNECTOR HOT-UNPLUG DETECT

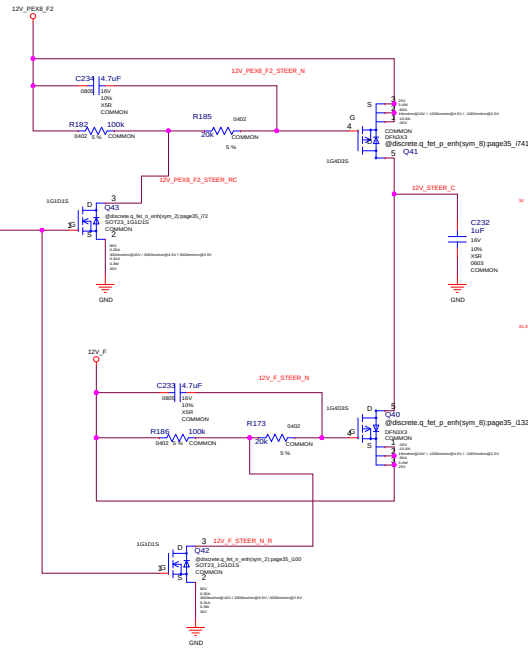


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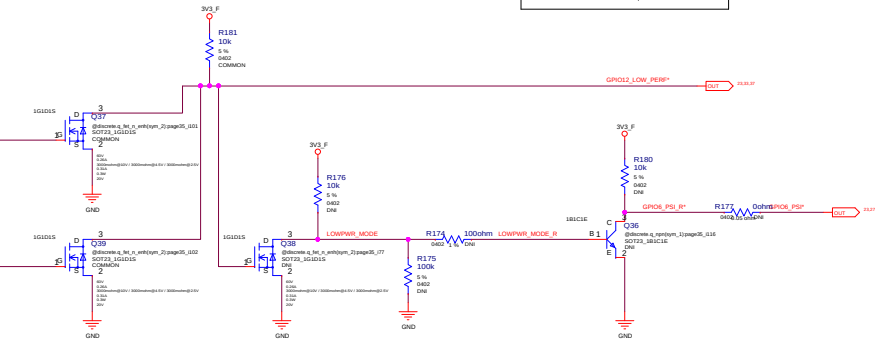
ASSEMBLY	BASE LEVEL GENERIC SCHEMATIC ONLY
PAGE DETAIL	PS: Shutdown

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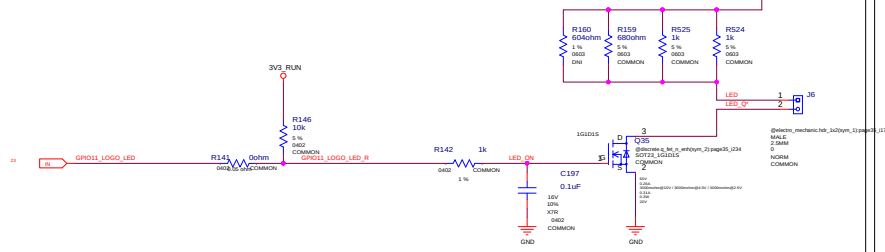
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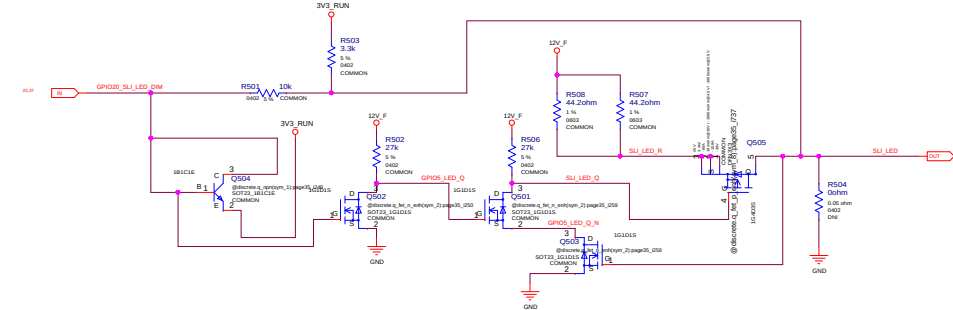
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LED HEADER
(COMMON)

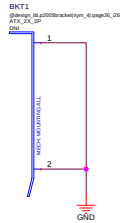


23.37



GPIO12_LOW_PERF*	GPU SPEED
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1	Normal

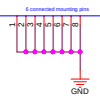
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Bracket Screw



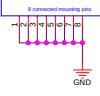
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GPU Stiffner

BOARD STIFFENER



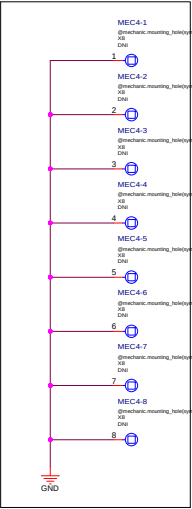
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Mechanical Holes Symbol

P2005 HOLES

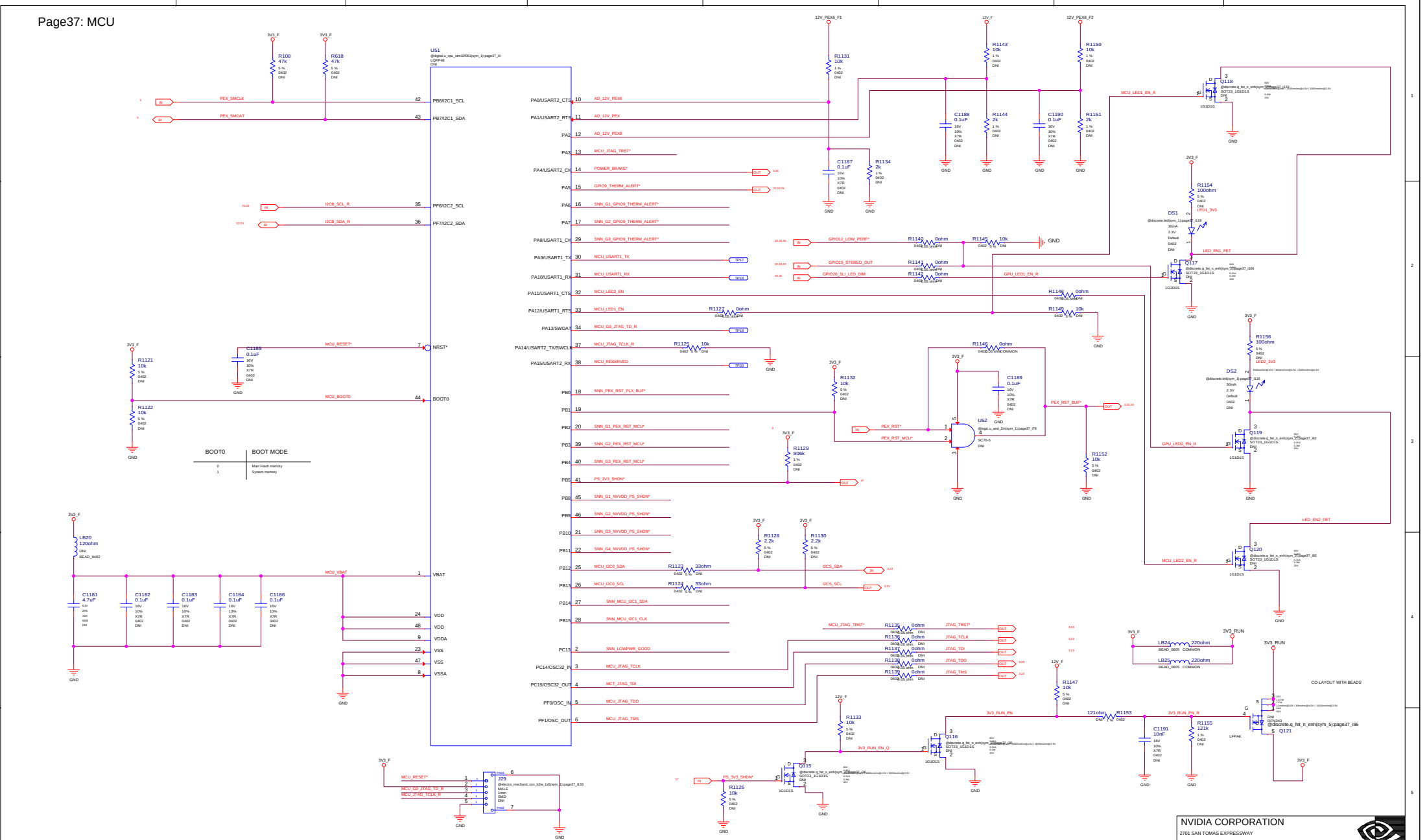


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