

PG160-B02

8GB GDDR6, 256b, X16
Tall DVI-D + USBC/DP + DP + HDMI/DP + DP

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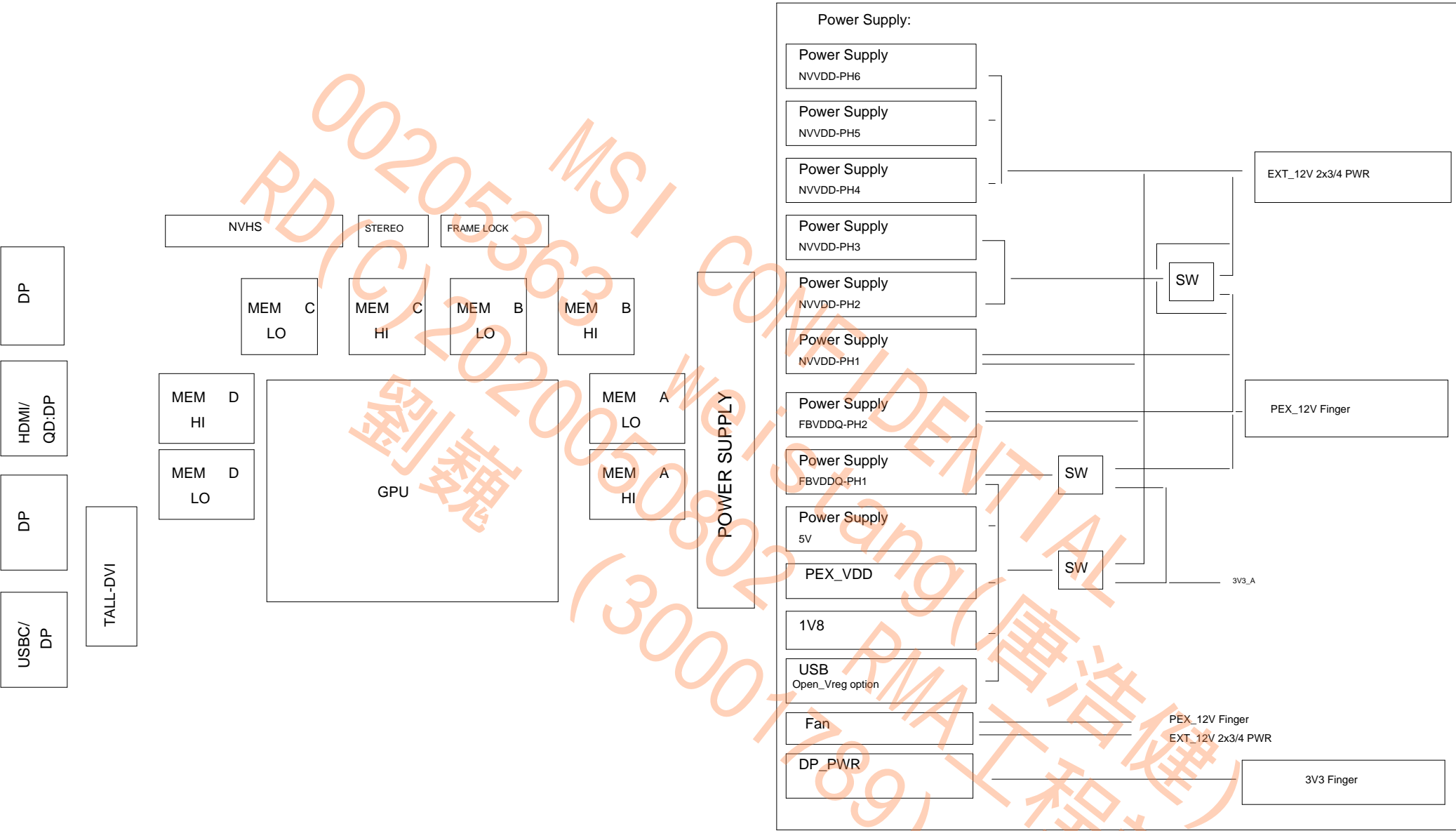
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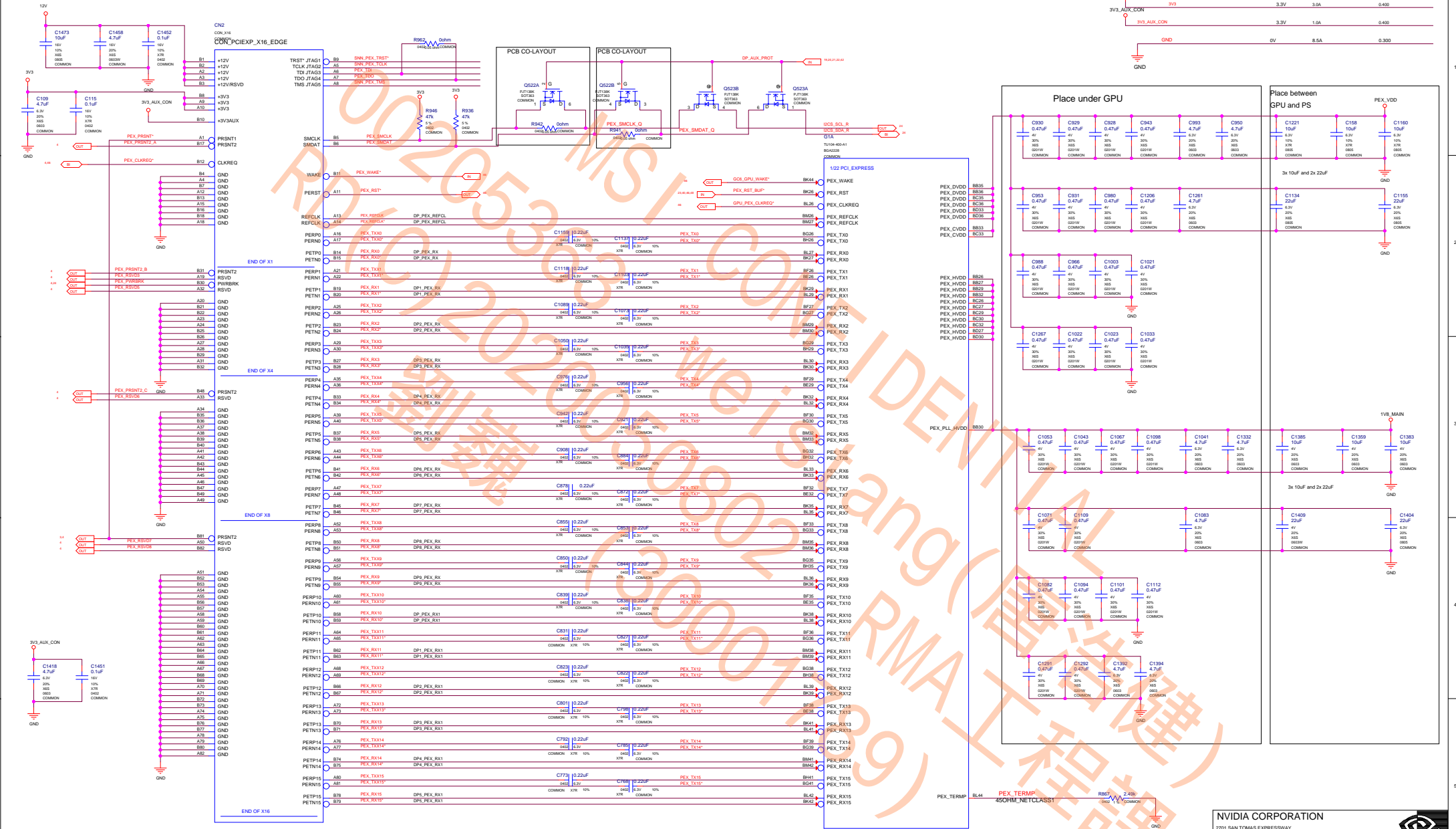
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ASSEMBLY	<ASSEMBLY DESCRIPTION>
PAGE DETAIL	Block Diagram

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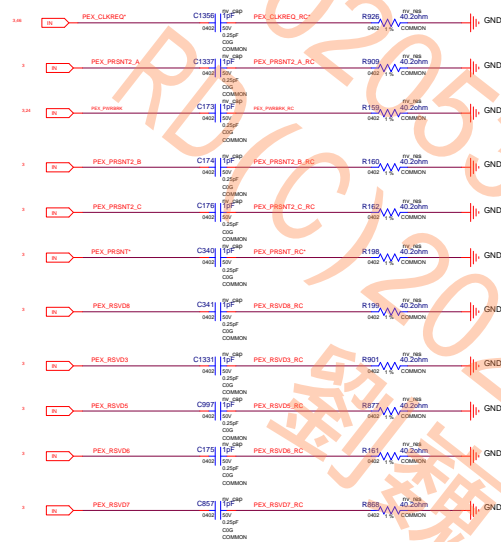


ASSEMBLY	<ASSEMBLY_DESCRIPTION>
PAGE DETAIL	PCI Express

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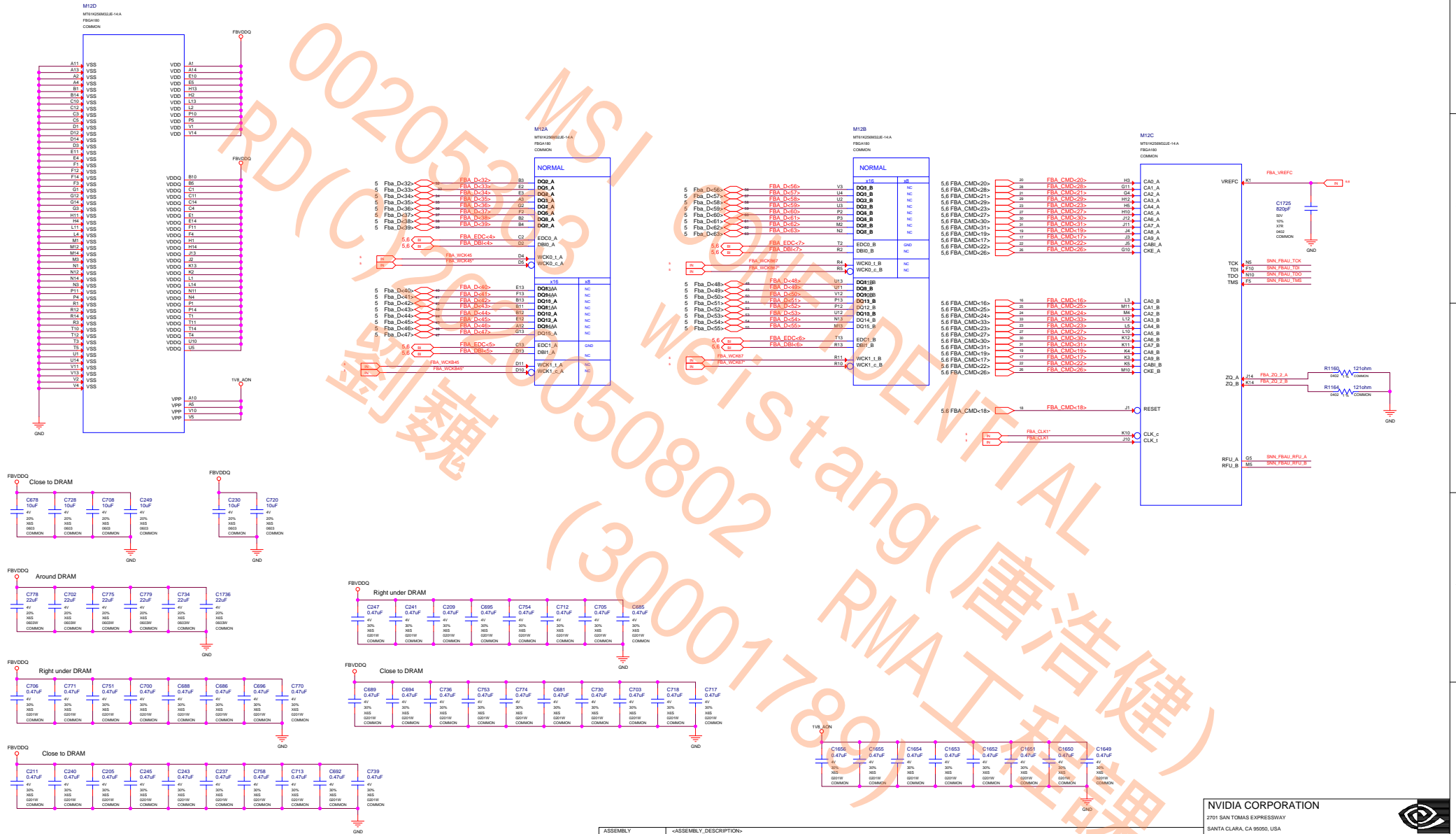
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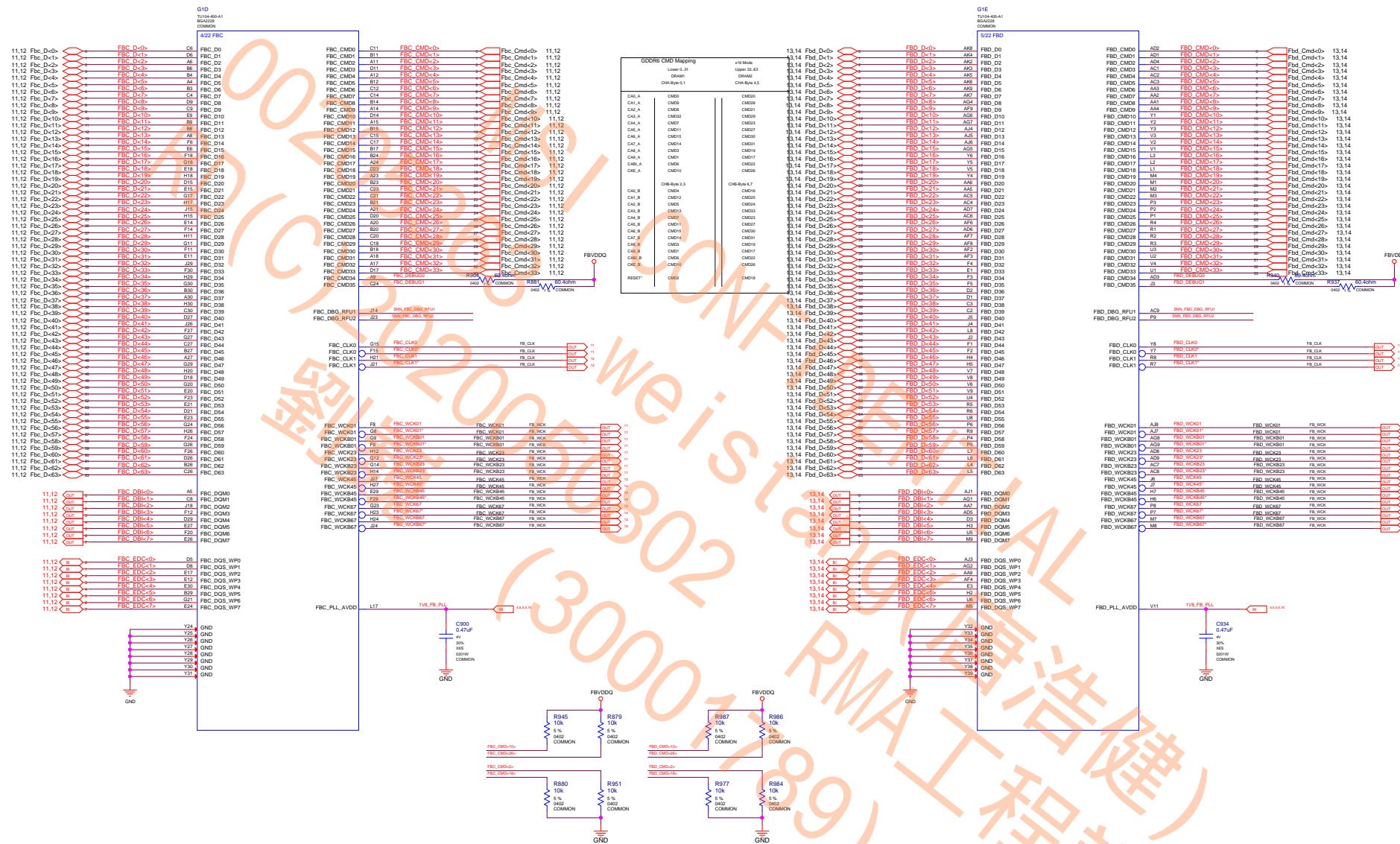






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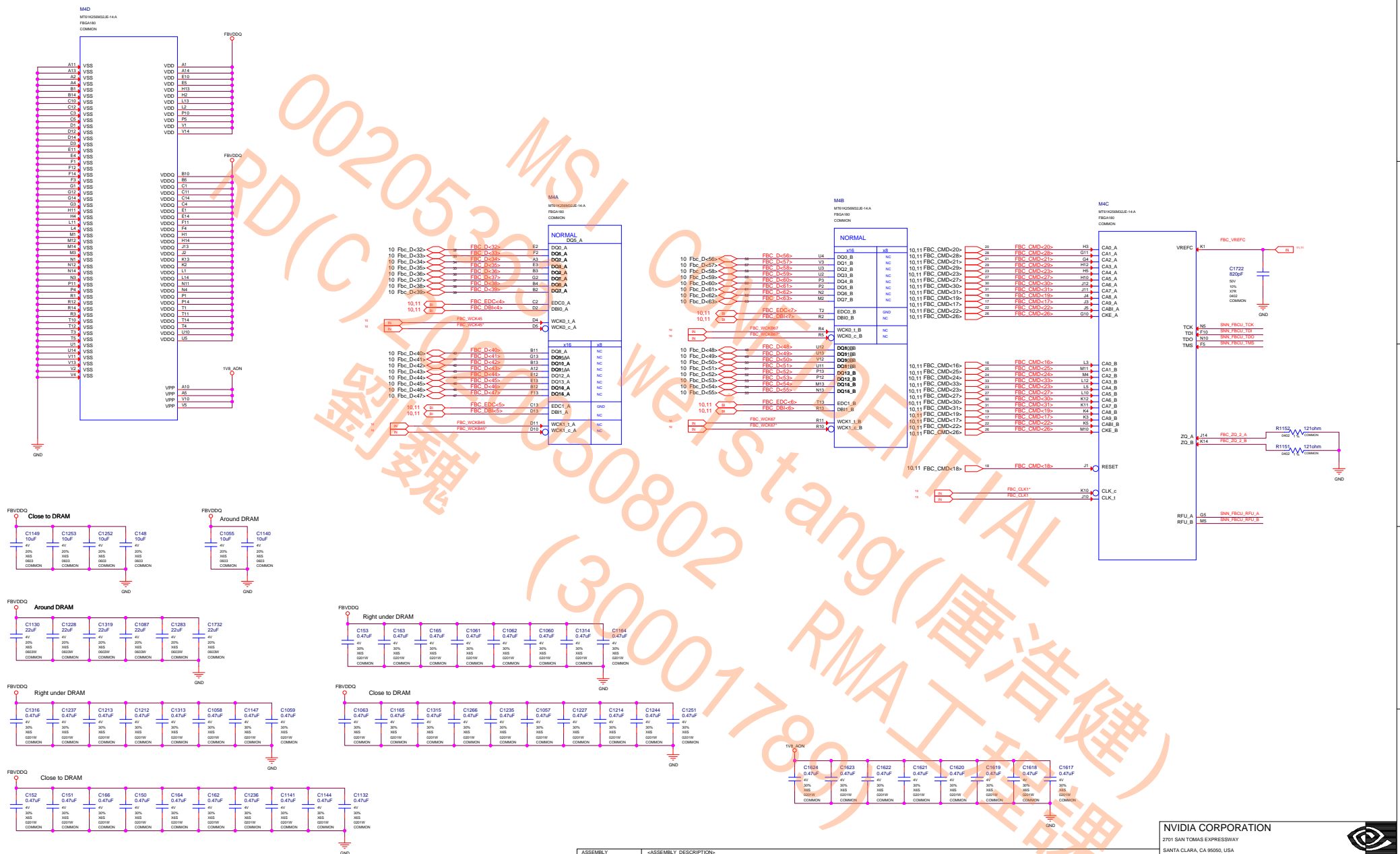
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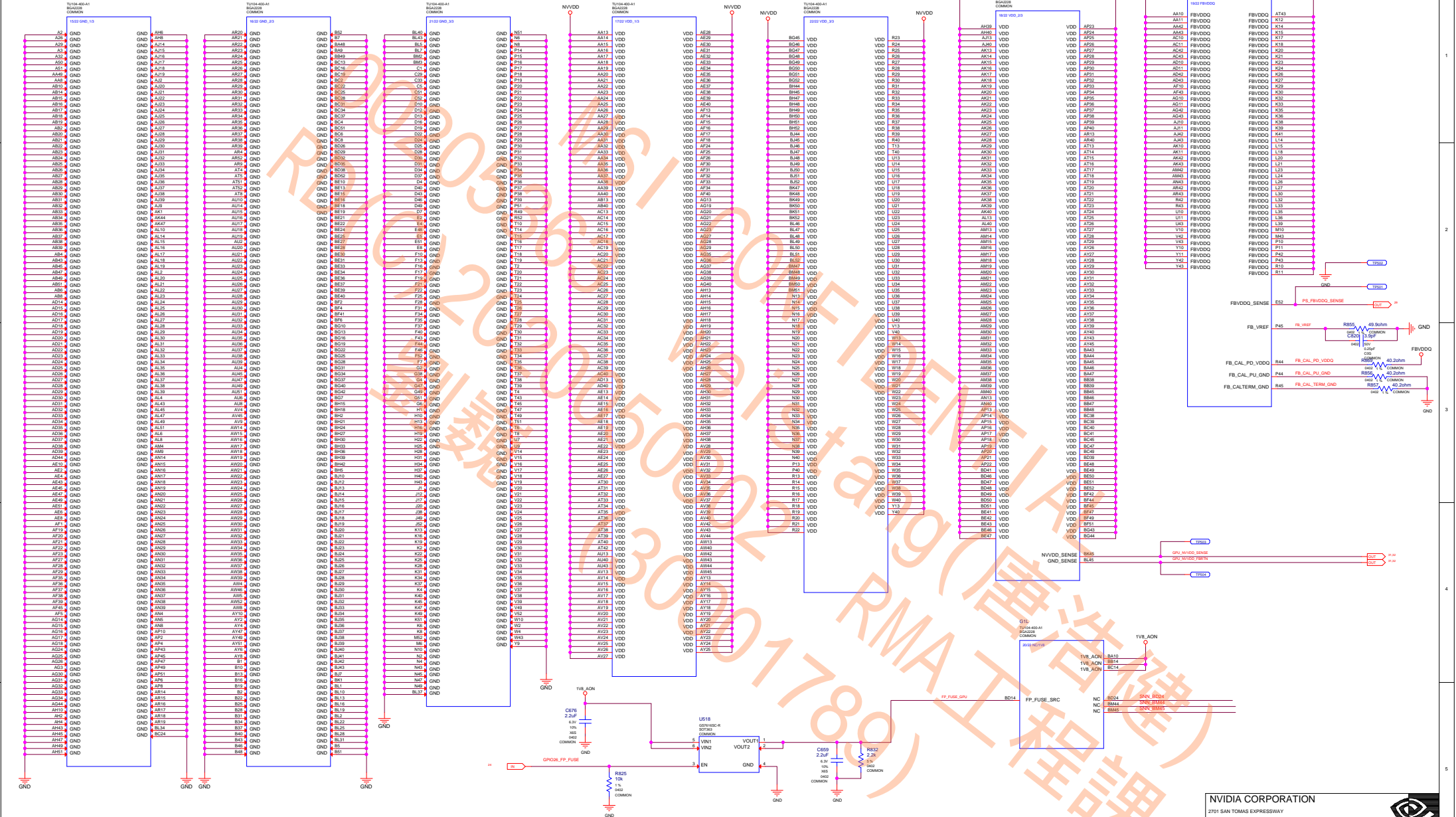


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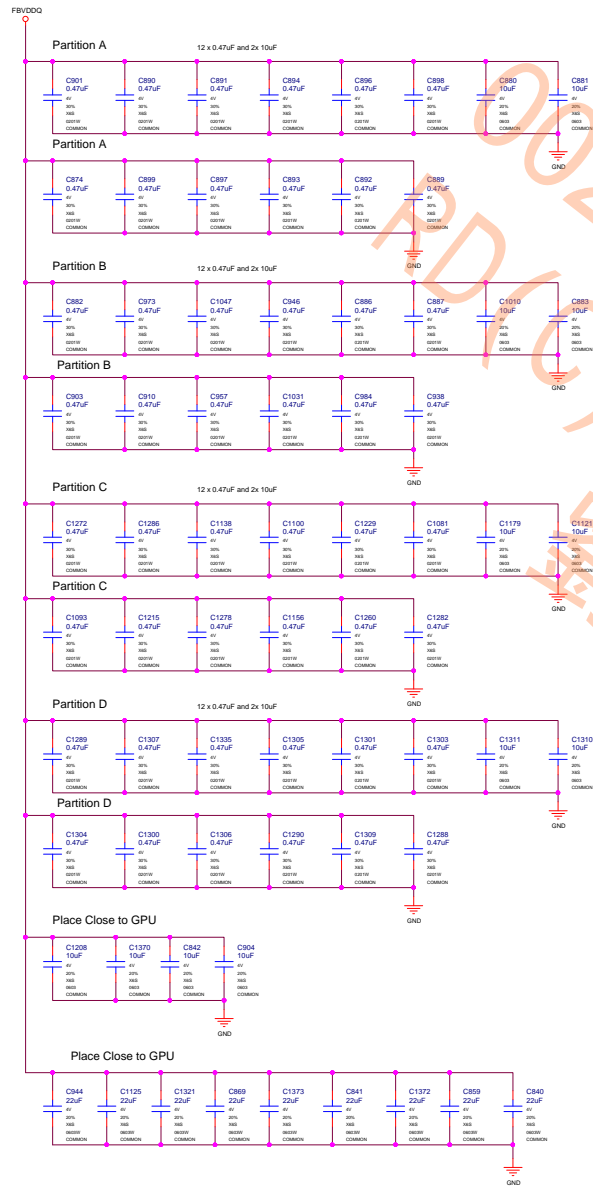
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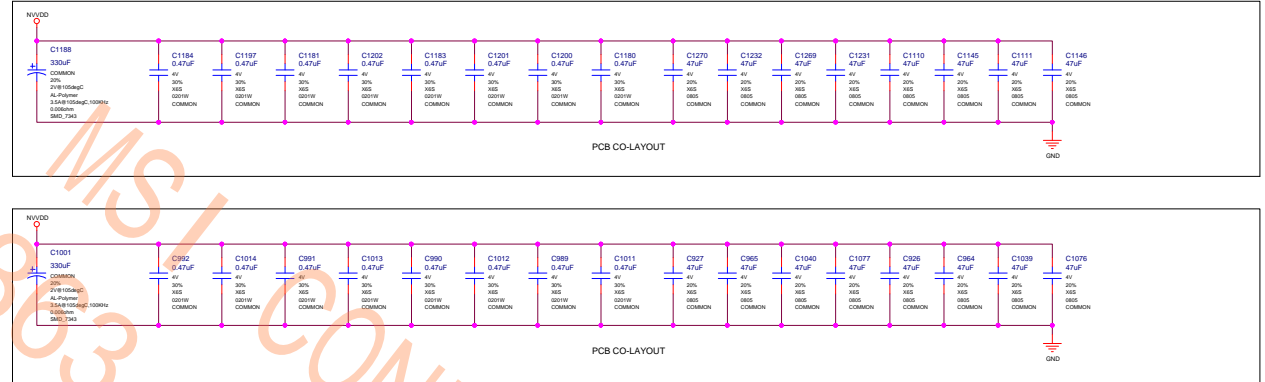
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FBVDDQ



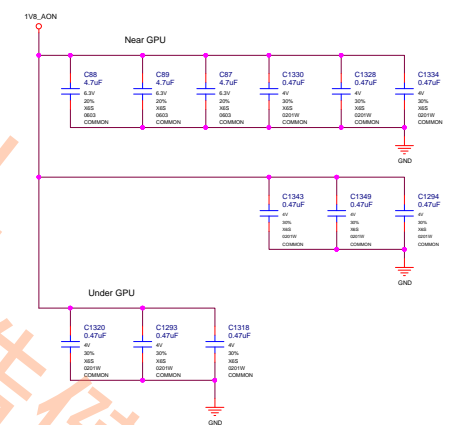
Under GPU



Near GPU



1V8_AON



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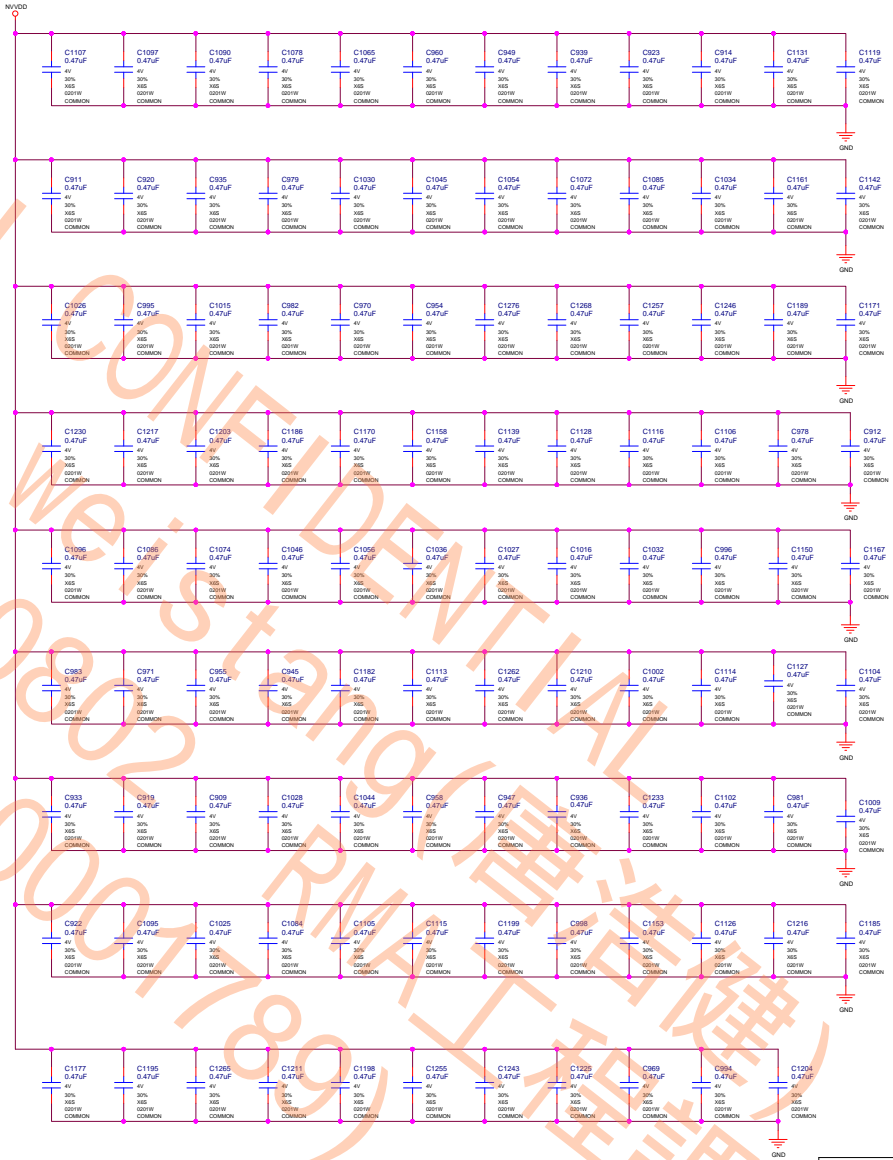
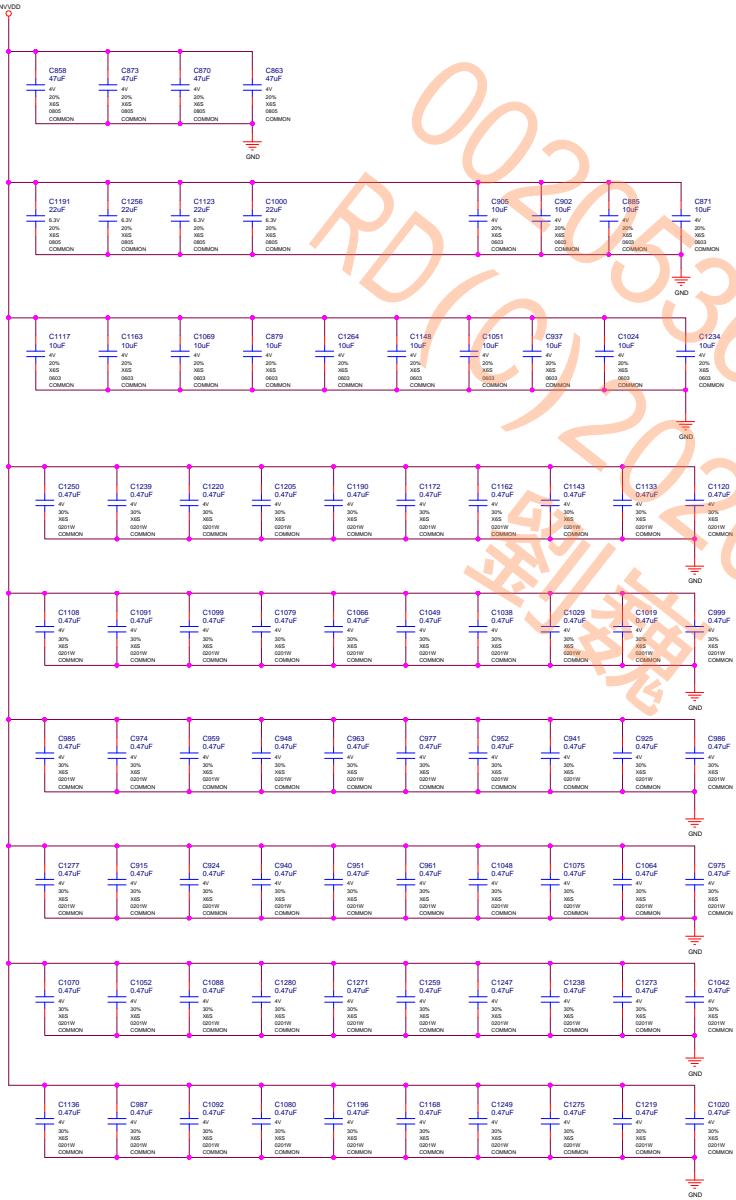
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NVDD




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PG160-802

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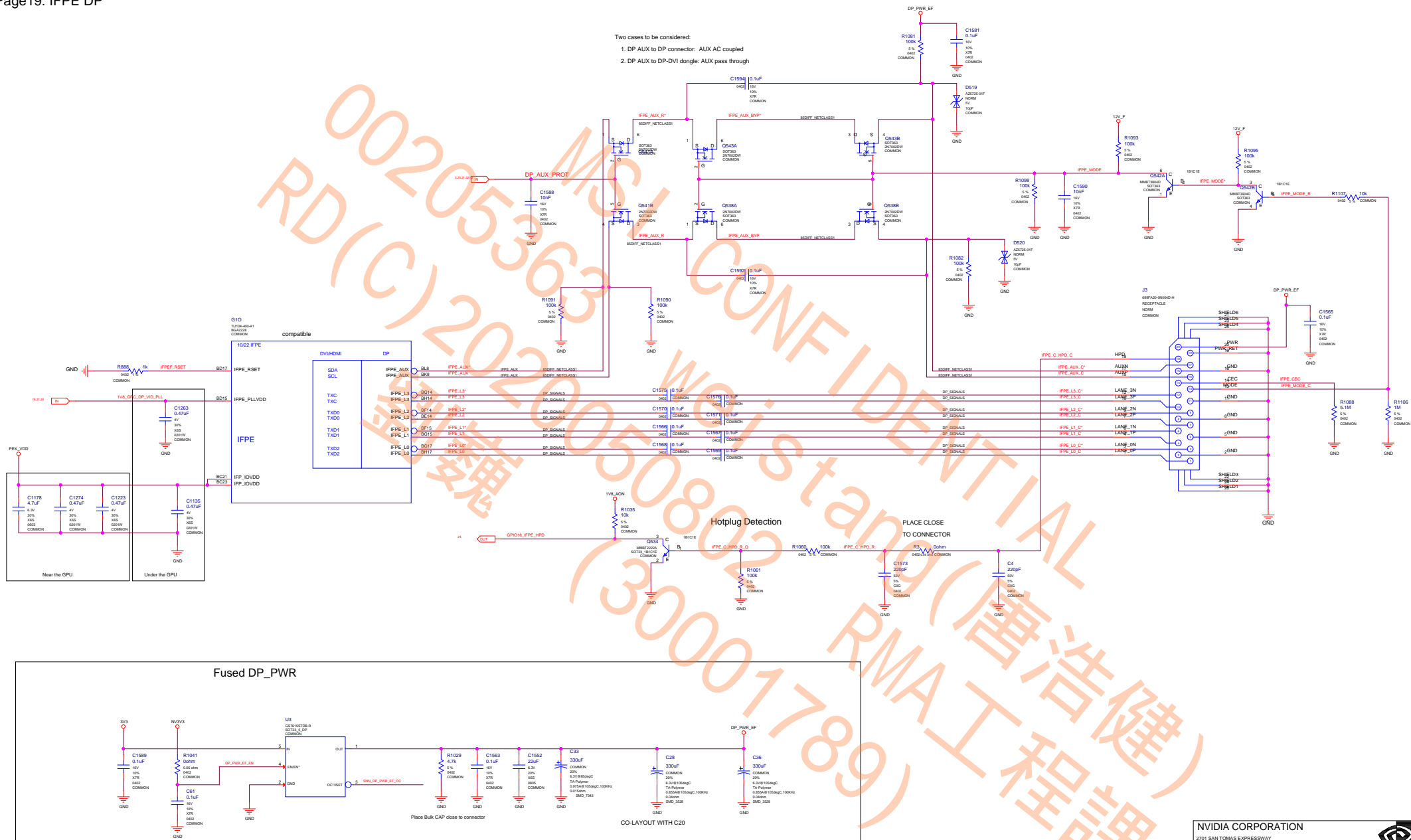
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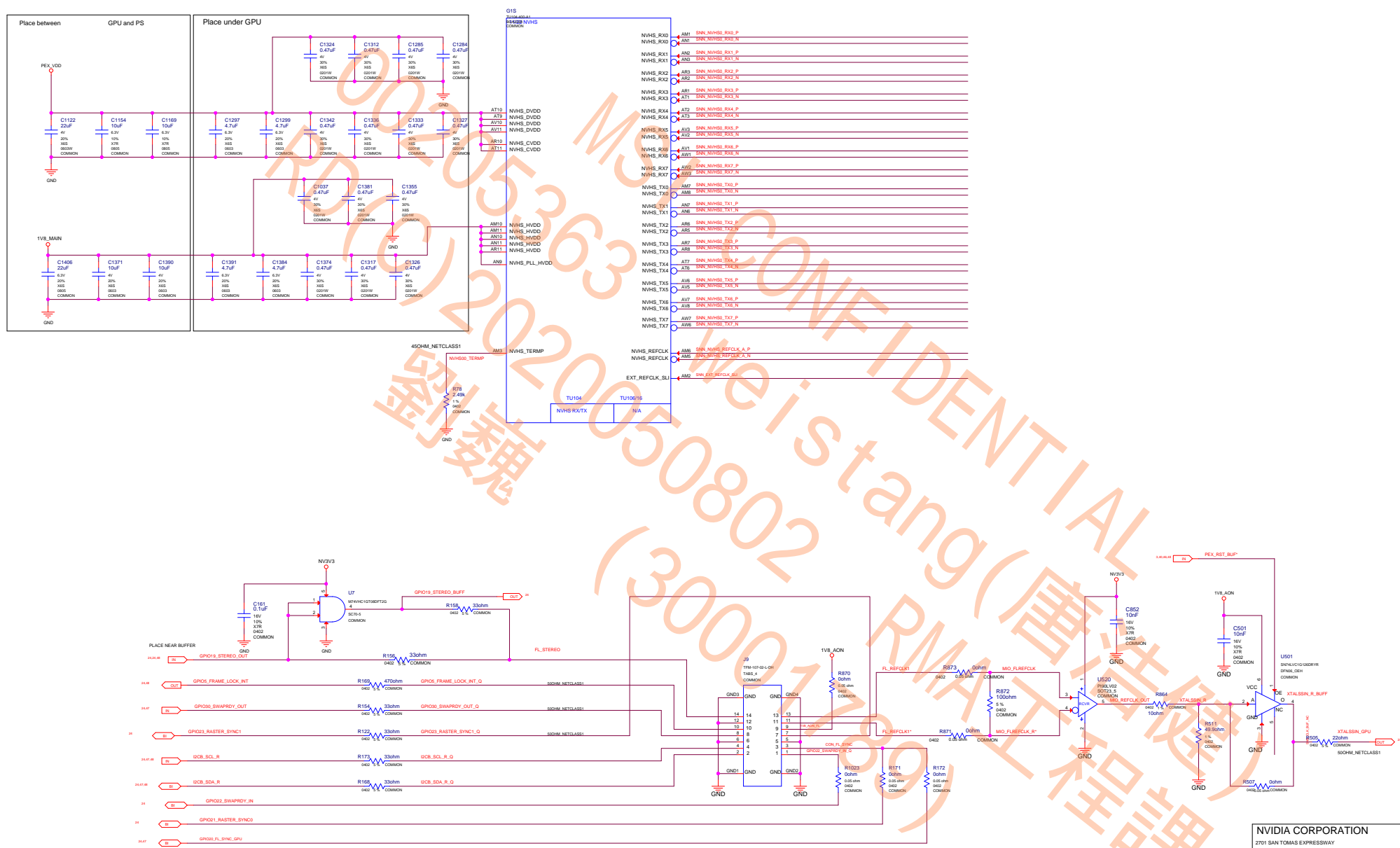
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PAGE DETAIL	IO: IFPE DP

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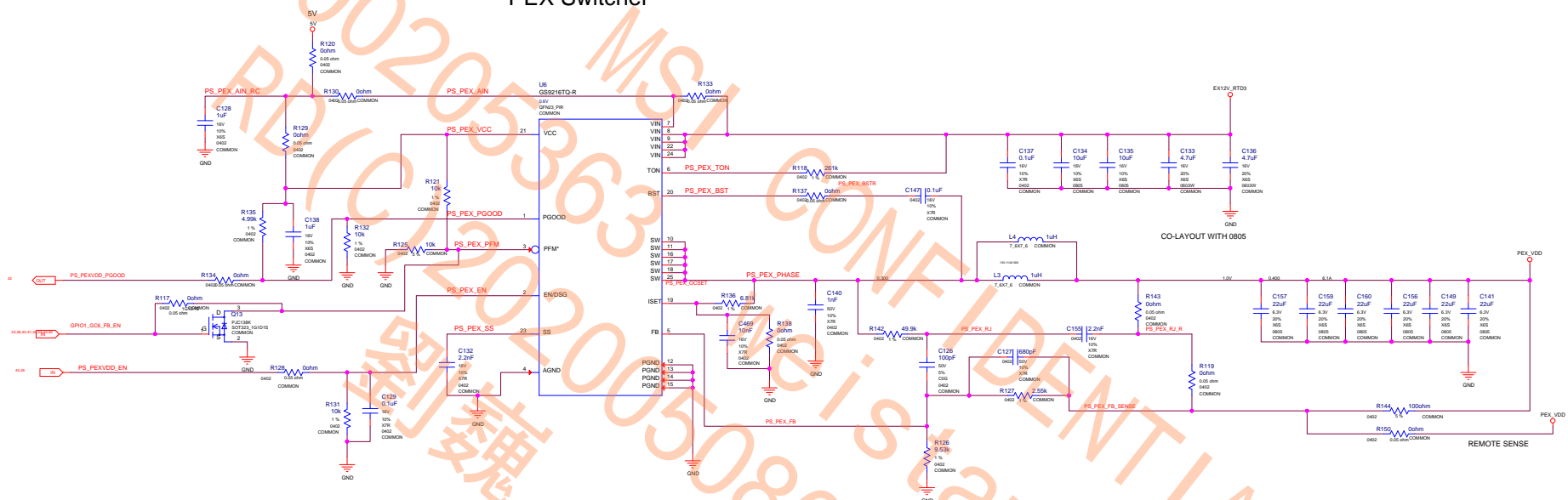
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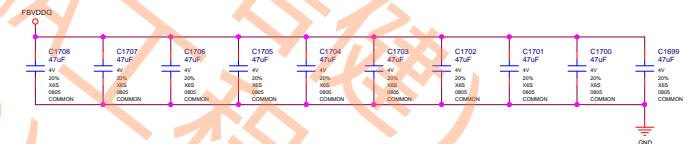
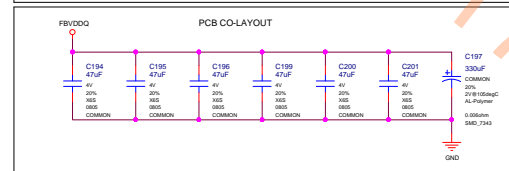
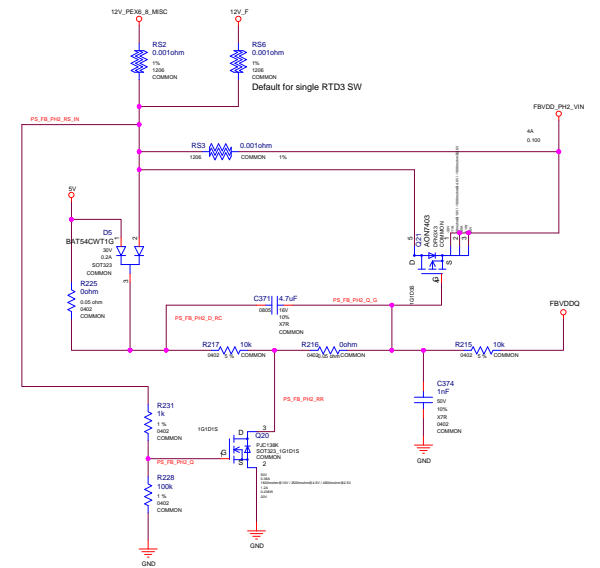
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PEX Switcher

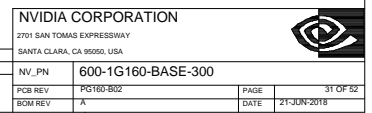


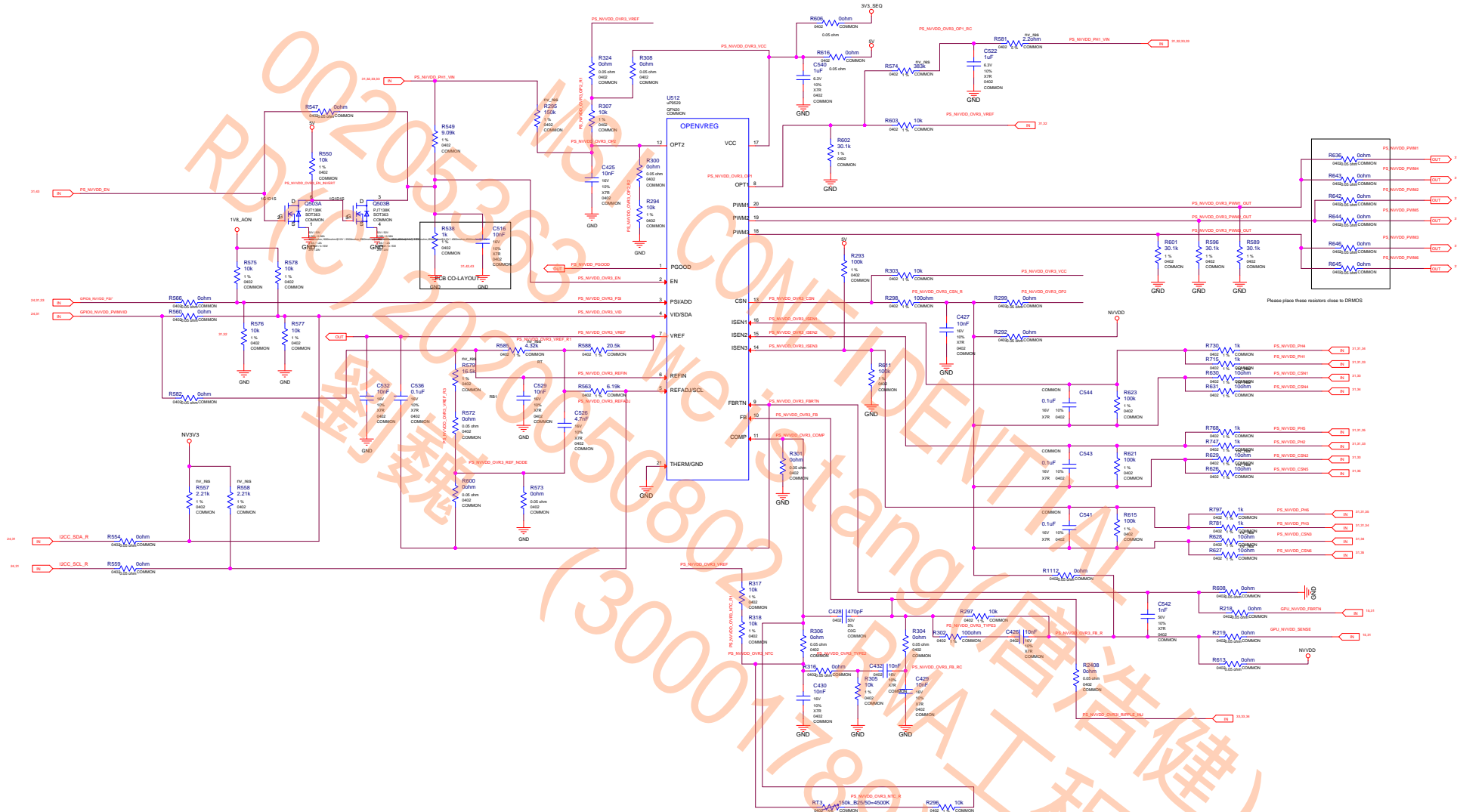
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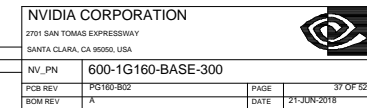
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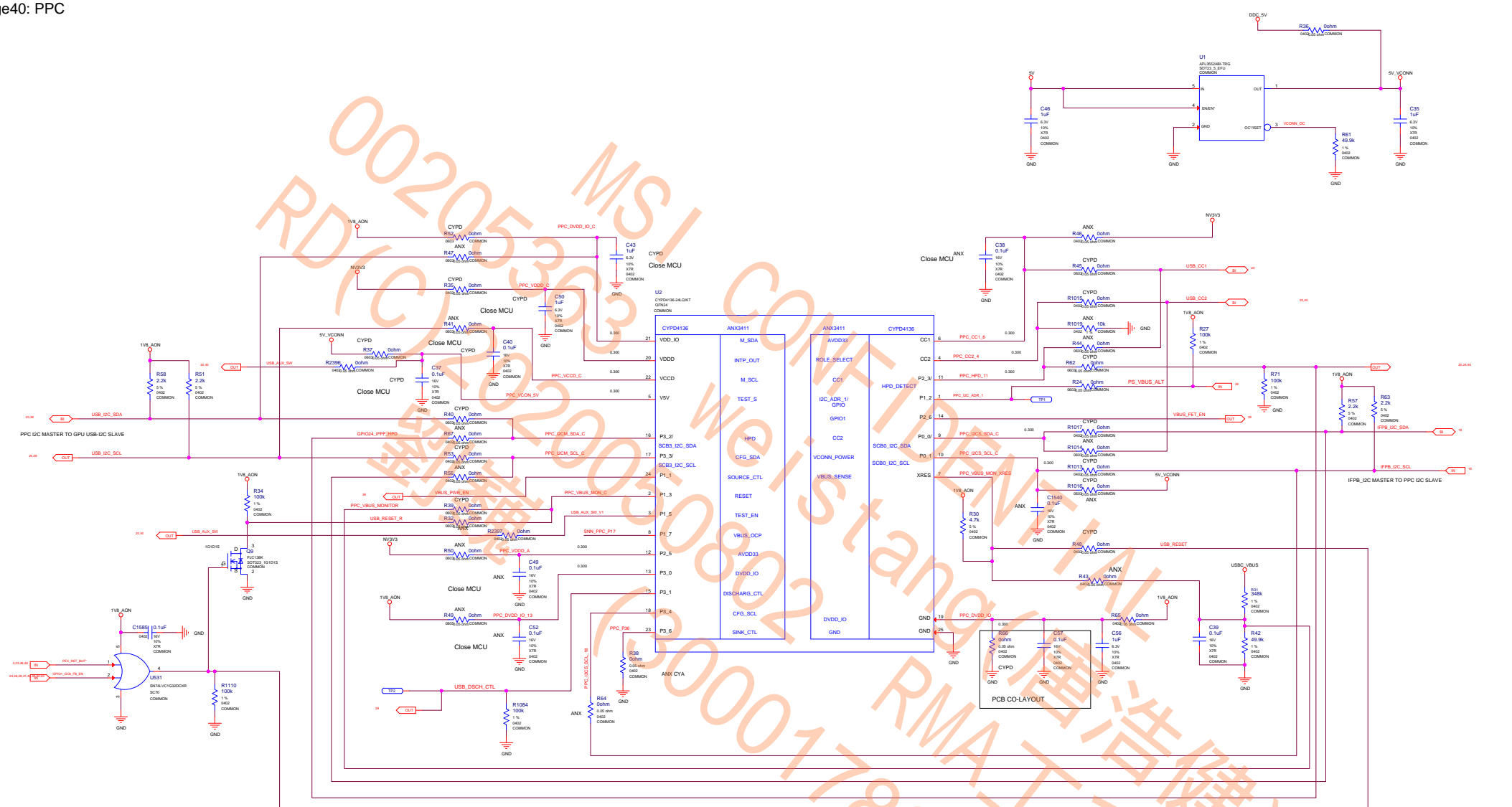


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PAGE DETAIL	PS: Input, Filtering, and Monitoring



	SCL	SDA
CYPD I2C SLAVE	PIN 10	PIN 9
CYPD I2C MASTER	PIN 17	PIN 16
ANX I2C SLAVE	PIN 18	PIN 17
ANX I2C MASTER	PIN 22	PIN 21

ASSEMBLY	<ASSEMBLY_DESCRIPTION>
PAGE DETAIL	PD PPC

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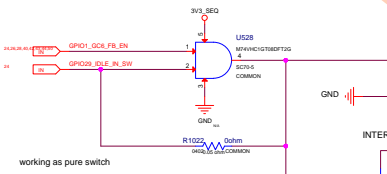
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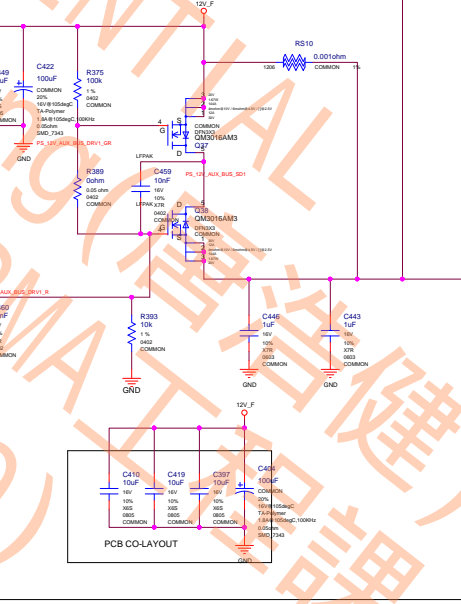
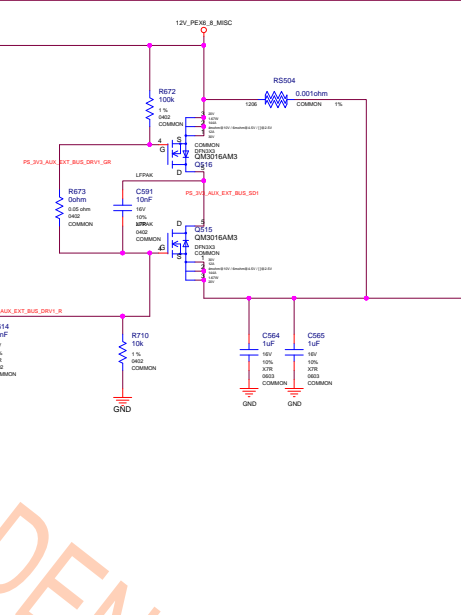
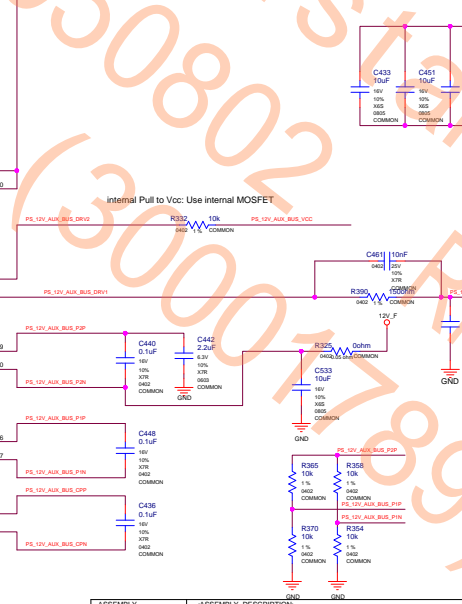
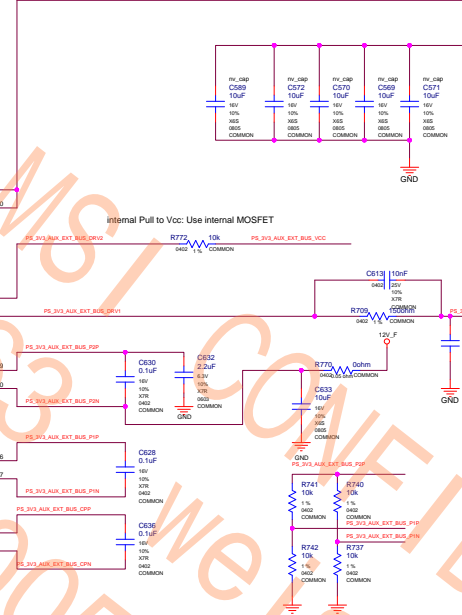
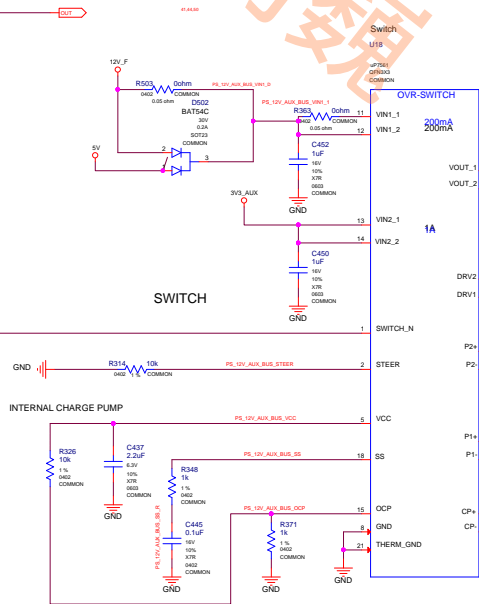
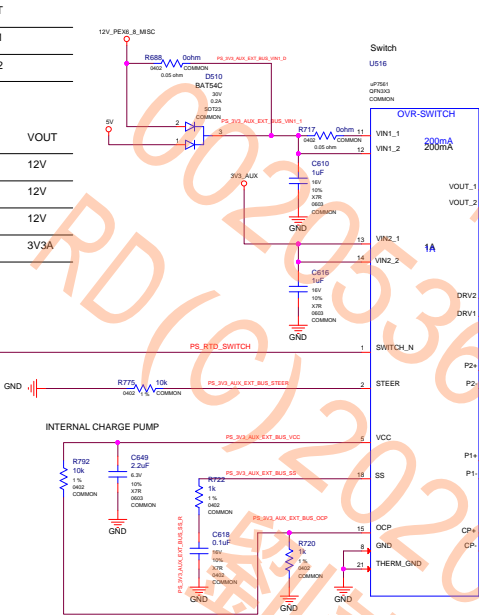
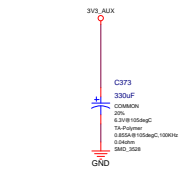
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SWITCH		VOUT
0		VOUT = VIN1
1		VOUT = VIN2

AND GATE LOGIC			
GPIO1	GPIO29	SWITCH	VOUT
0	0	0	12V
0	1	0	12V
1	0	0	12V
1	1	1	3V3A



working as pure switch



SPLIT RTD3 SW:
STUFF BOTH 12V SWITCHER
NO STUFF JUMPER

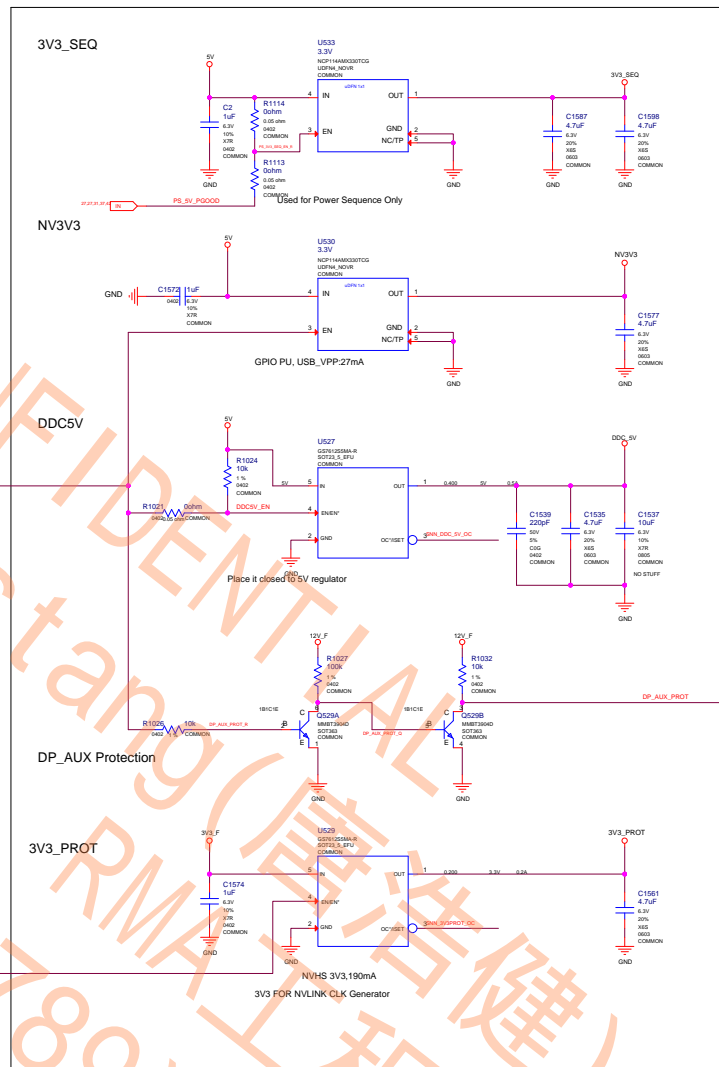
MERGE RTD3 SW:
NO STUFF 12V RTD3 SWITCHER
STUFF JUMPER

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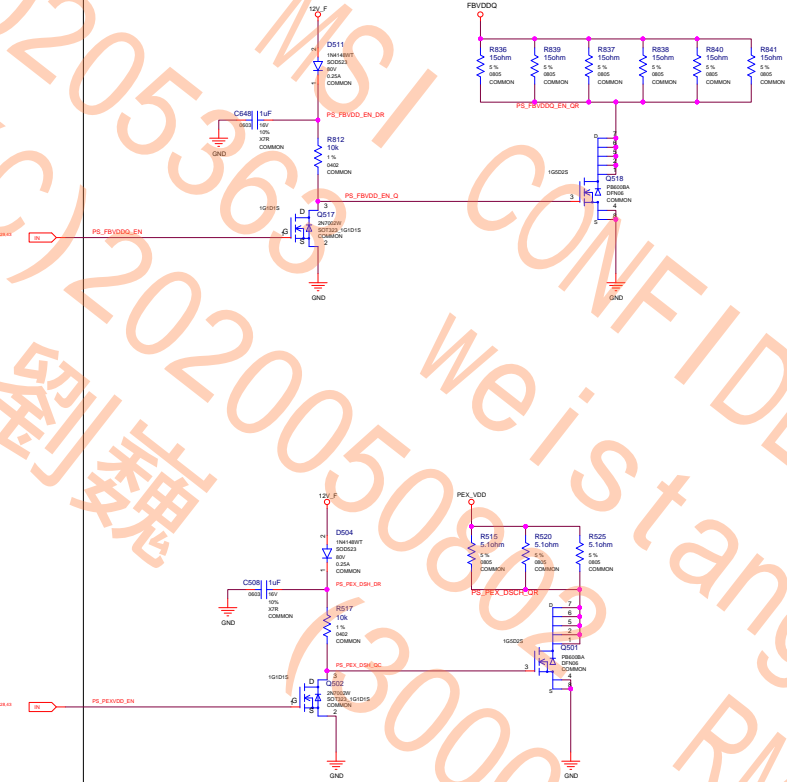
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Use INA3221	Voltage_Monitor	INA3221	INA3221
NO INA3221 NO Pre-Filter	Voltage_Monitor	Voltage_Monitor	N/A

Signal	Direction	Function
3V3	INPUT	Sense the 3V3 Voltage from PCIE golden finger
12V	INPUT	Sense the 12V Voltage from PCIE golden finger
PS_VMON_PGOOD	OPEN-DRAIN	Floating(H) once both 3V3 and 12V reach Vth
GC6_FB_EN	INPUT	Indicator for RTD3/GC6 residence. Use to Mask the VMON_PGOOD
PS_PF_SKIP	INPUT	From INA3221(VPU) or Pre-filter(SKIP)
PS_PF_BSOK	INPUT	From INA3221(PV) or Pre-filter(BS_OK)

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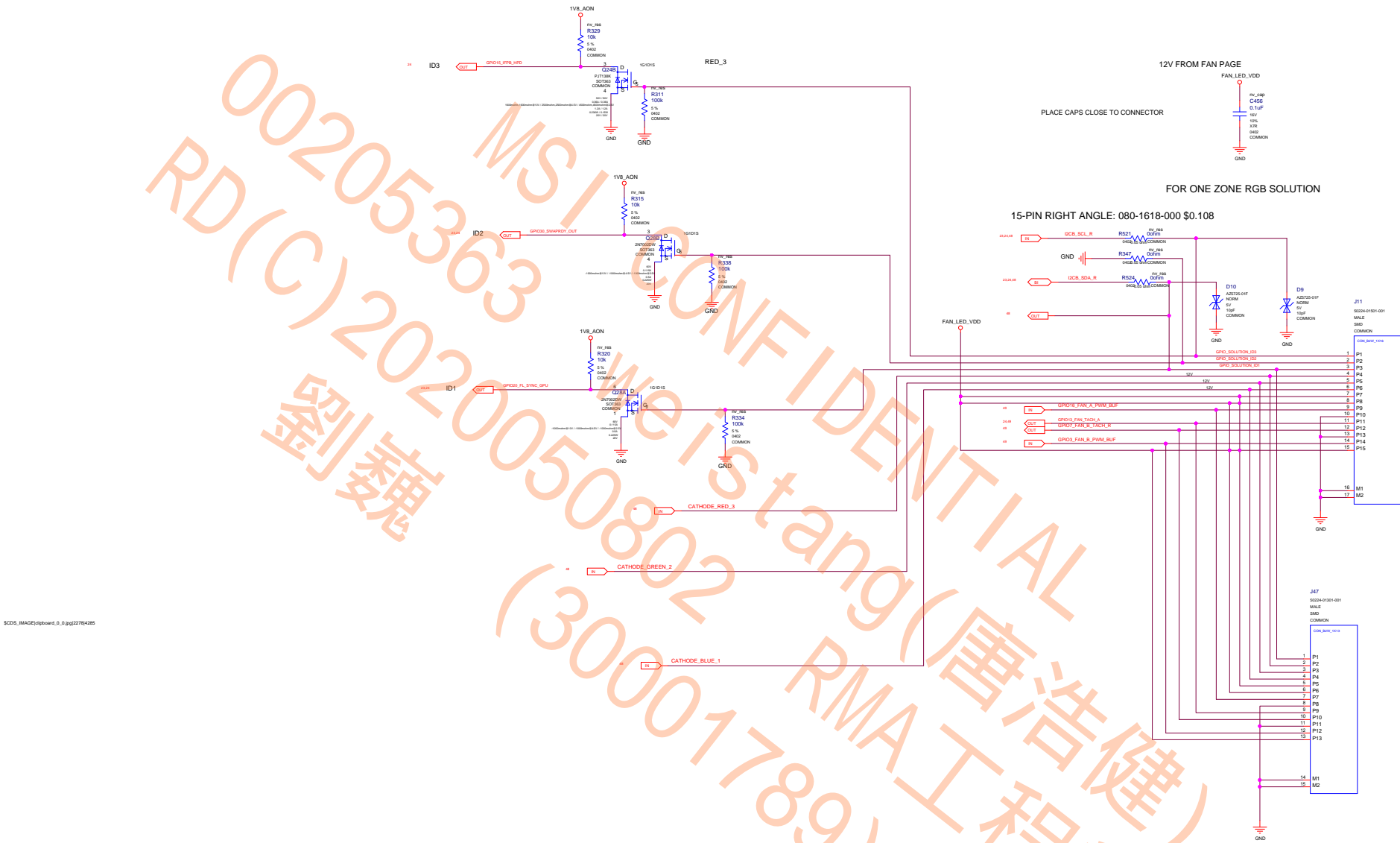
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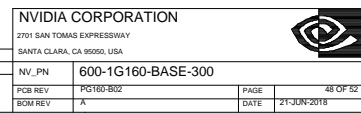


SCD3_IMAGE\upboard_0.0.png2784285

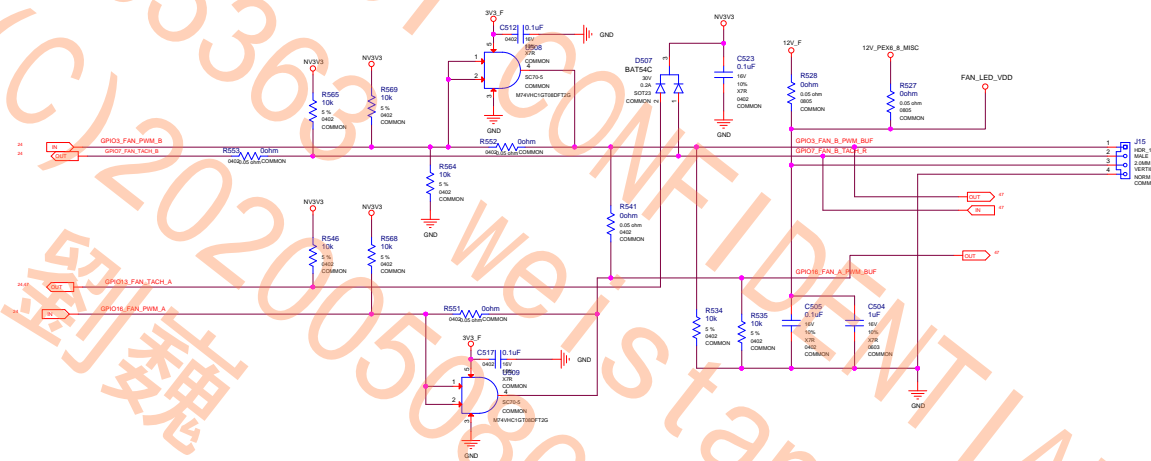
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ASSEMBLY	ASSEMBLY DESCRIPTION
PAGE DETAIL	LOGO LED

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ASSEMBLY	<ASSEMBLY_DESCRIPTION>
PAGE DETAIL	LED DRIVER & BOOST



ASSEMBLY	<ASSEMBLY_DESCRIPTION>
PAGE DETAIL	DUAL FAN

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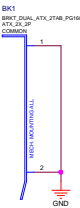


ENABLE PIN STATUS	MULTIPLEXER OPERATION
LOW	FULLY FUNCTIONAL
TRI-STATE(FLOATING)	LIMITED FUNCTION
HIGH	STANDBY

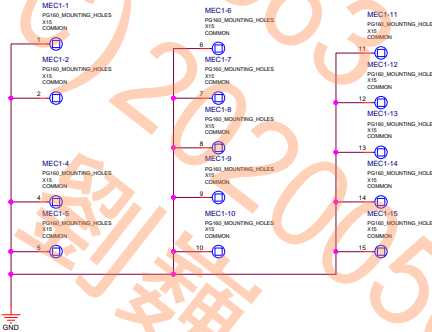
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Brackets:




MOUNTING HOLES FOR HS:



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