

PG161-A00

TU106 6GB GDDR6, 192b, X16
DVI-D/DP + DP + HDMI

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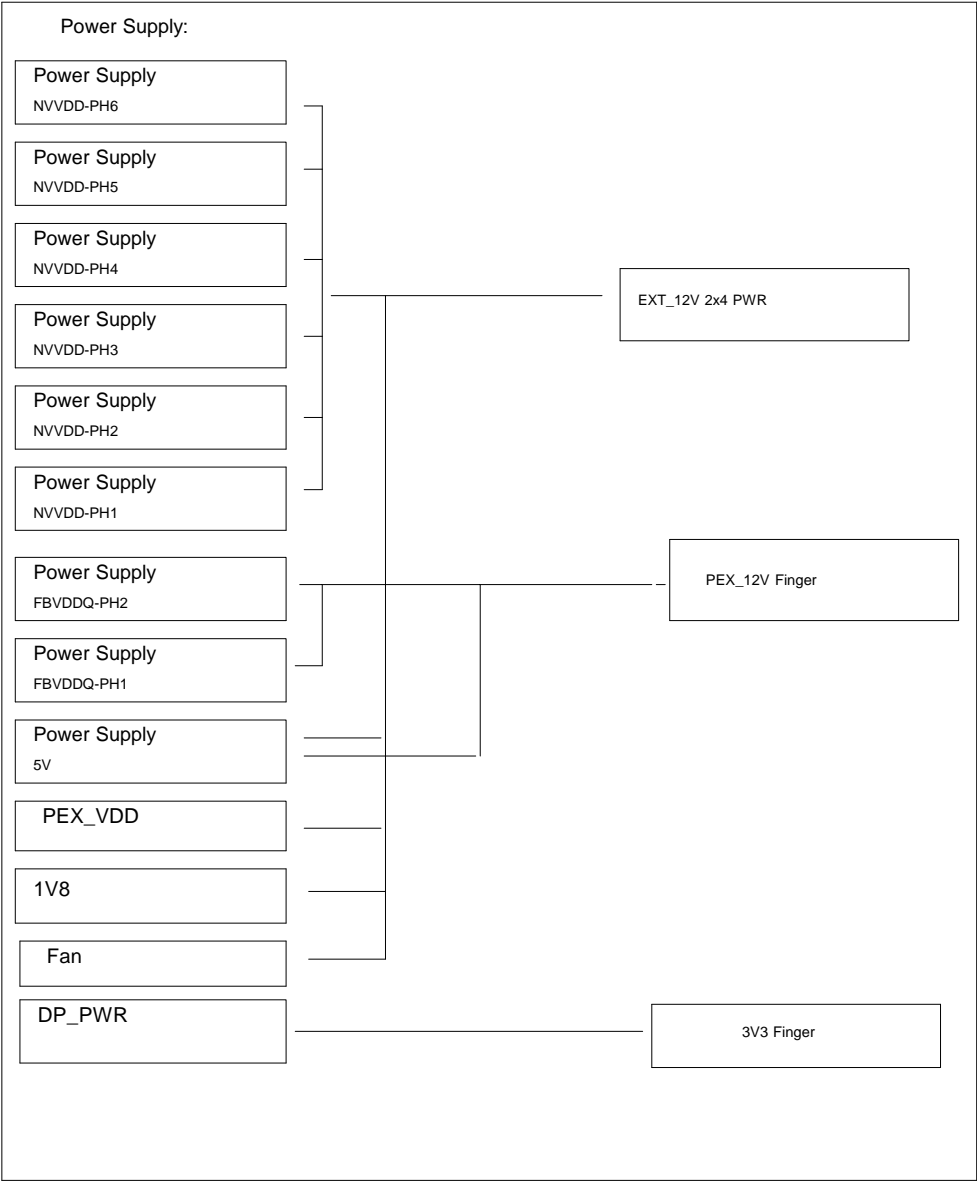
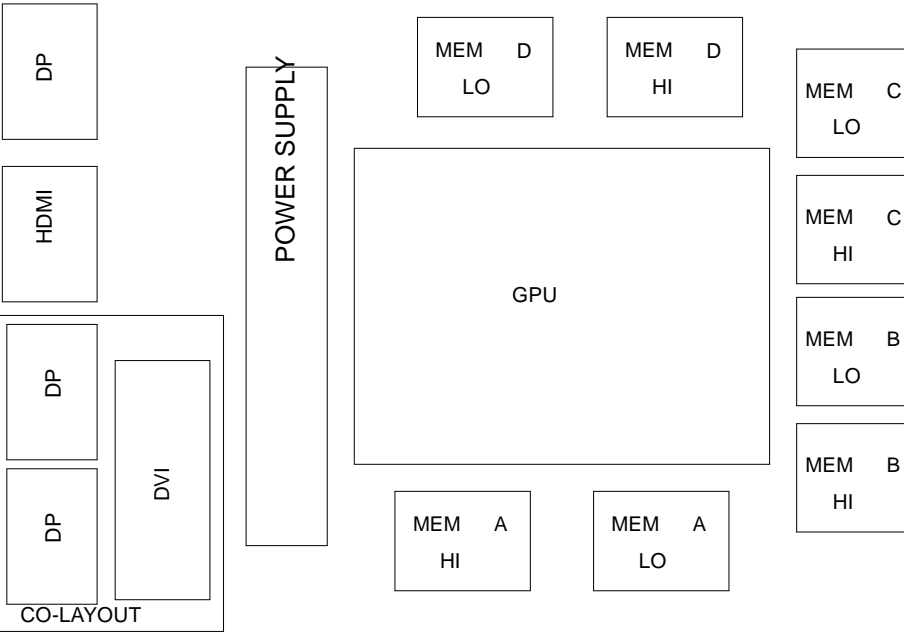
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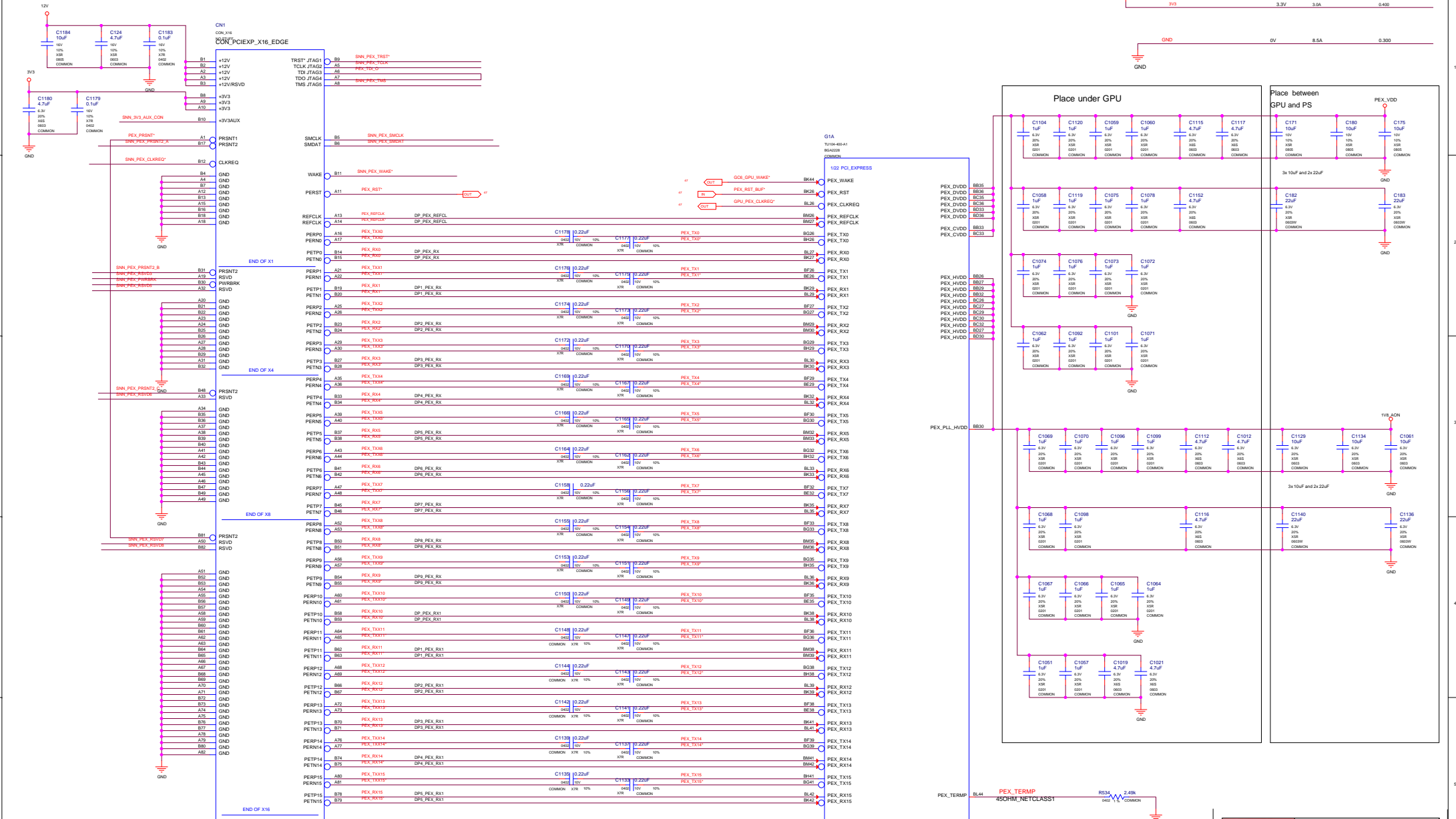
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ASSEMBLY	<ASSEMBLY DESCRIPTION>
PAGE DETAIL	Block Diagram

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ASSEMBLY	«ASSEMBLY_DESCRIPTION»
PAGE DETAIL	PCI Express

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NO PEX GEN4 SUPPORT DELETE RC TERMINATIONS

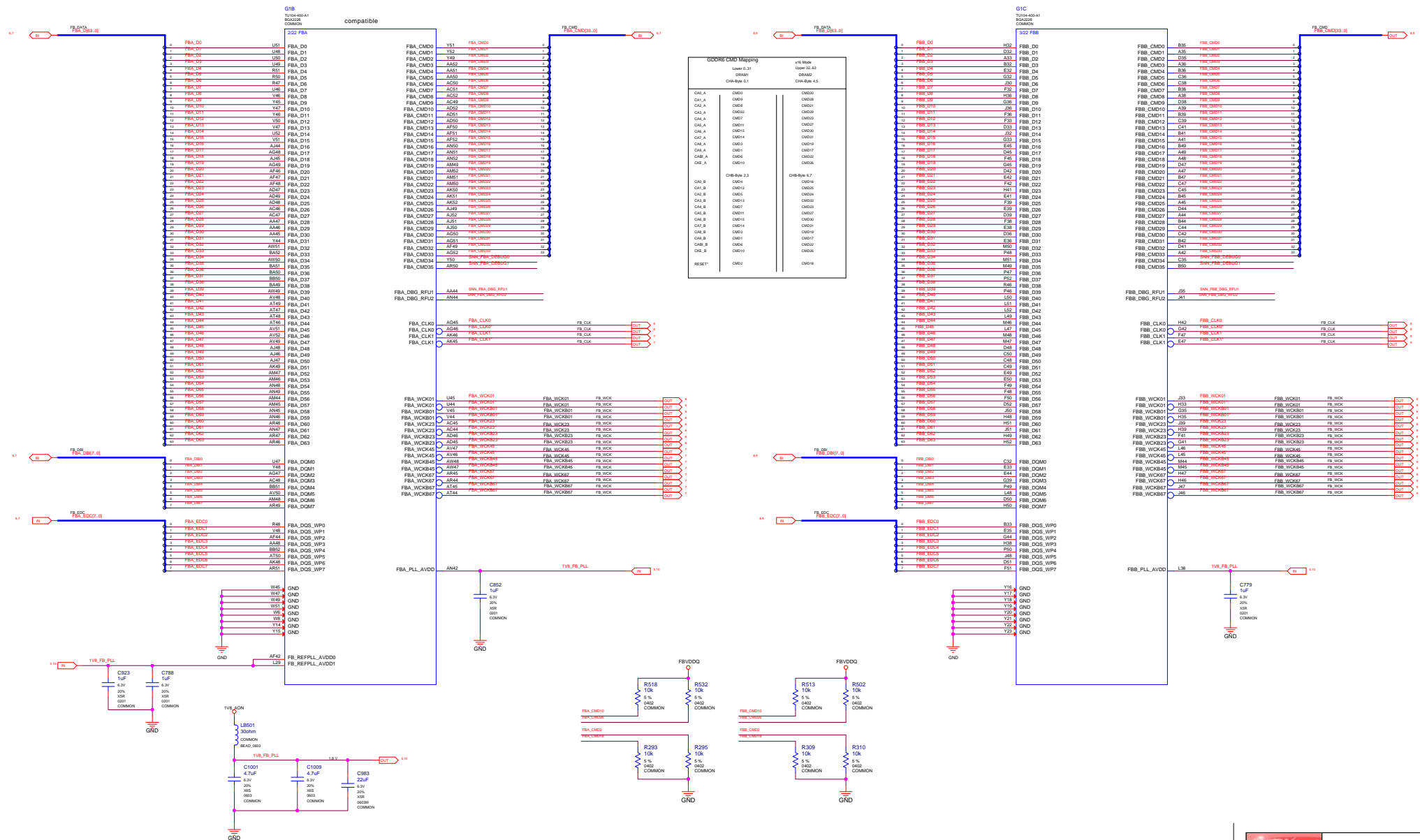
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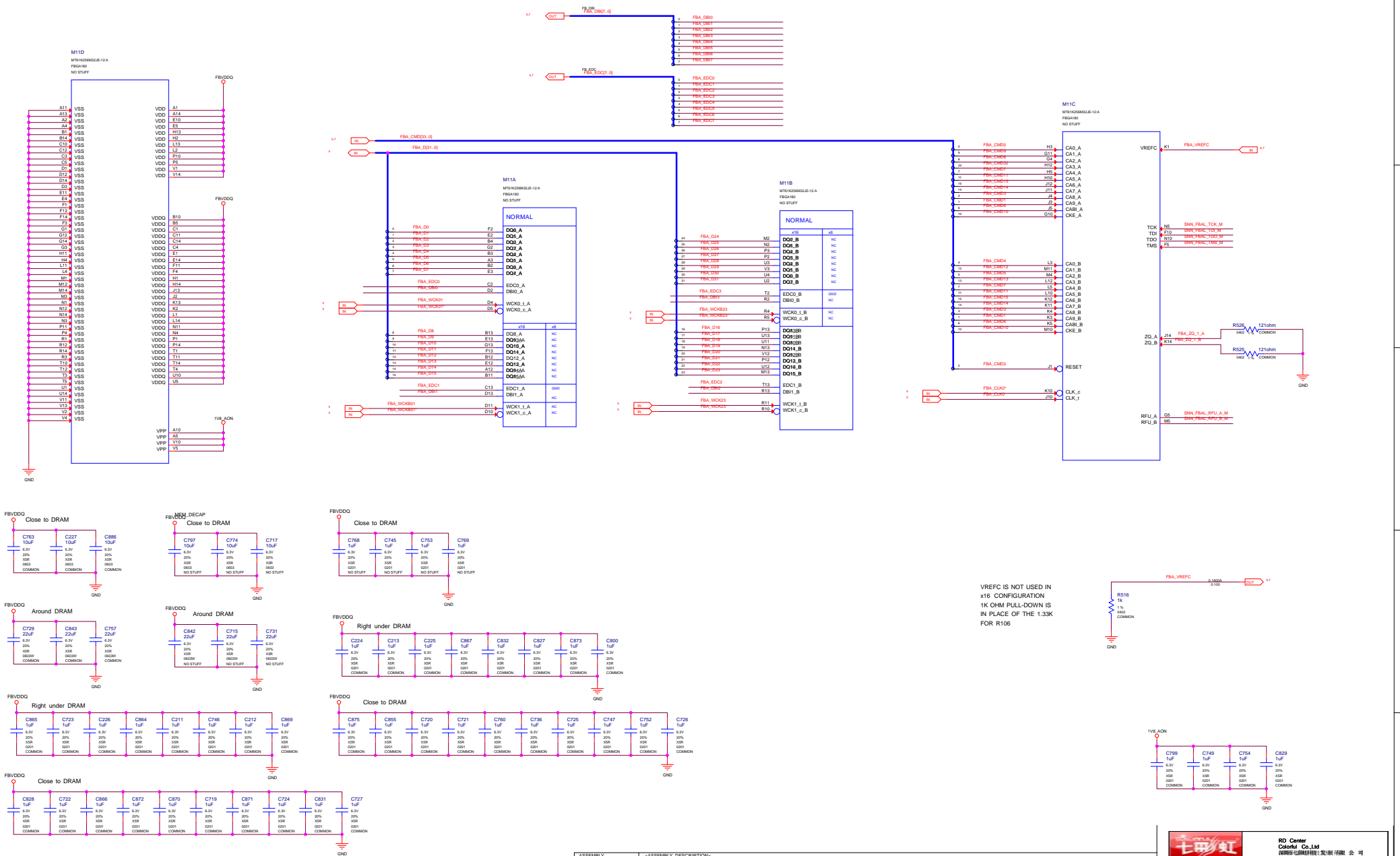
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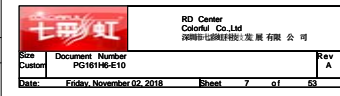


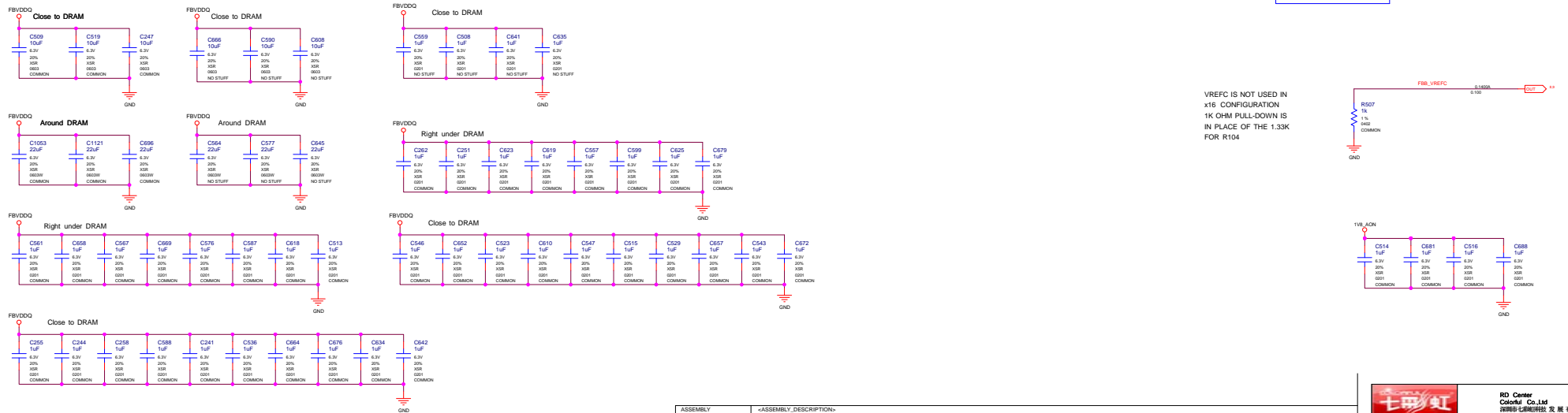
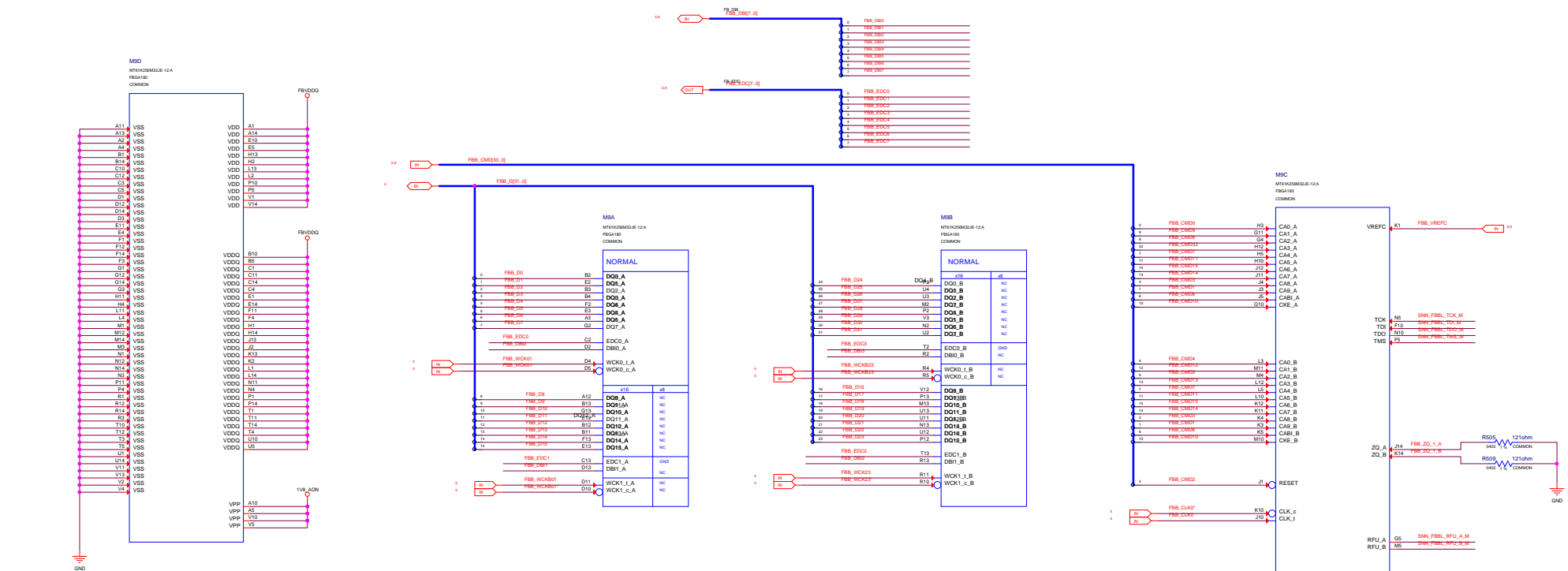
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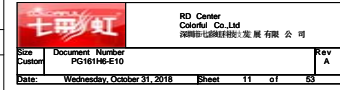


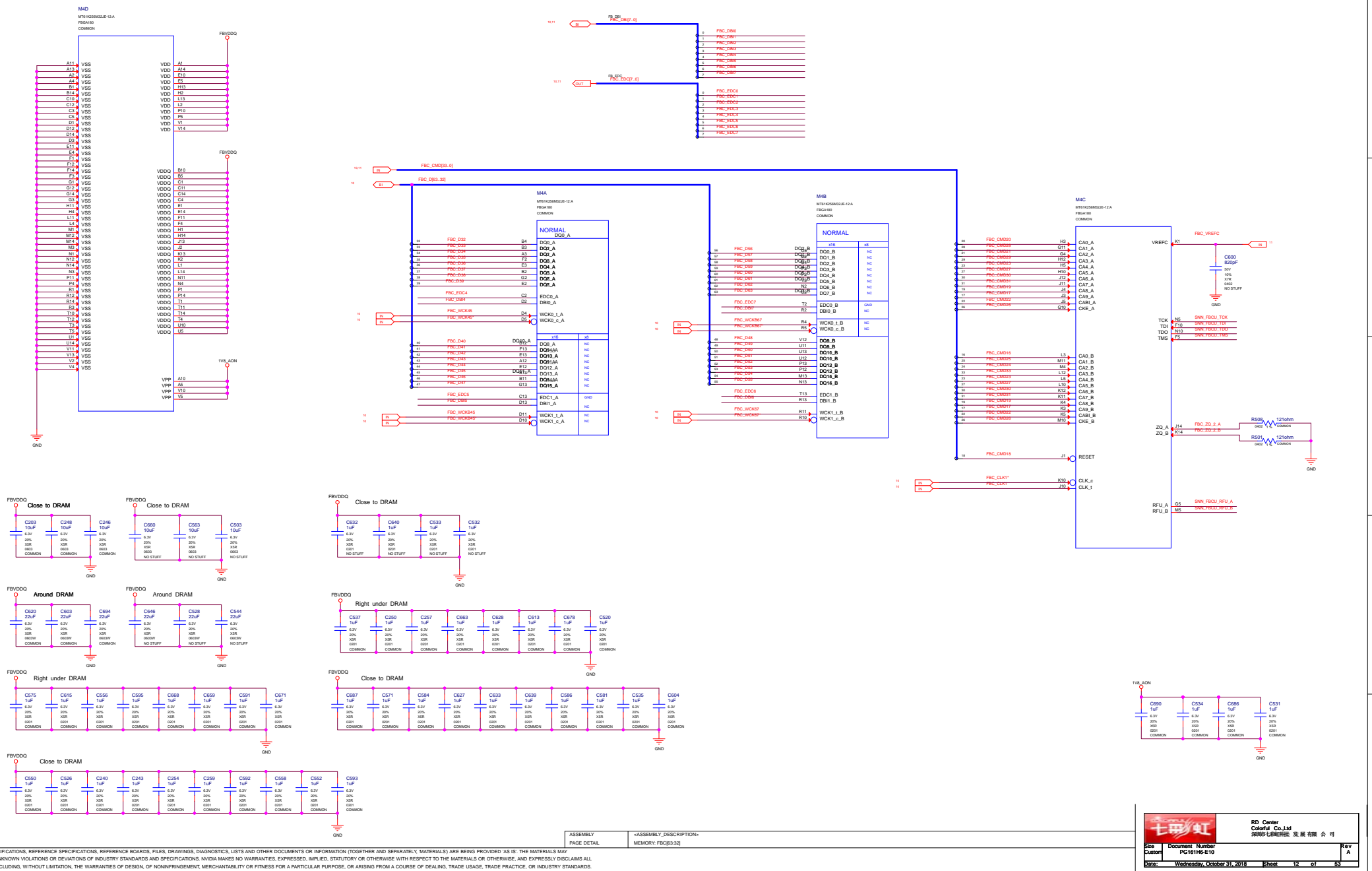
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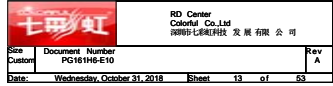


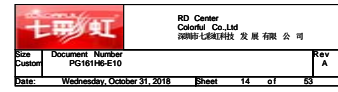


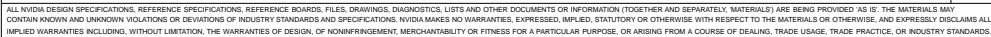




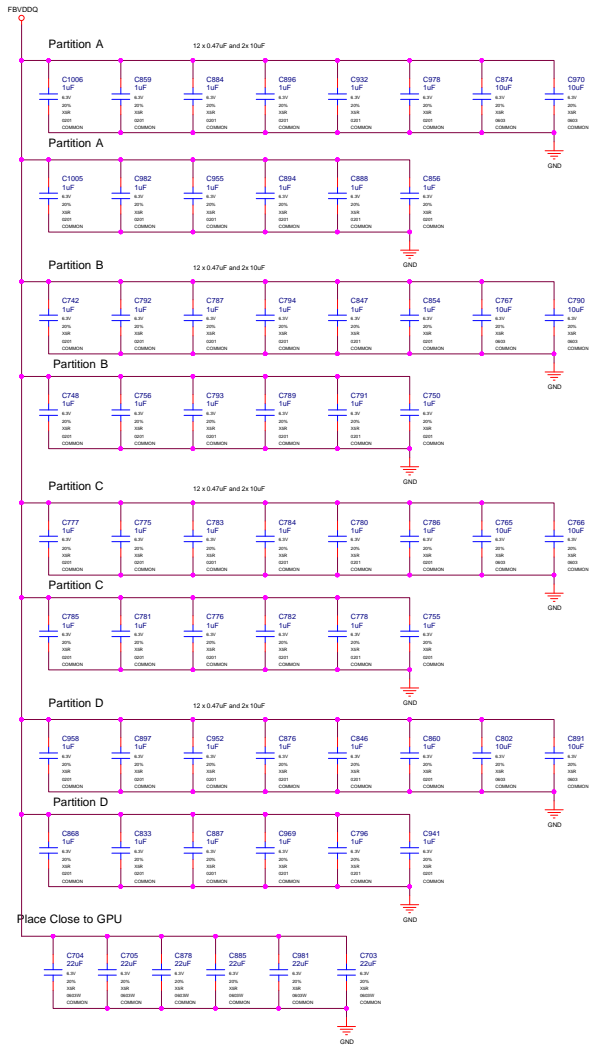
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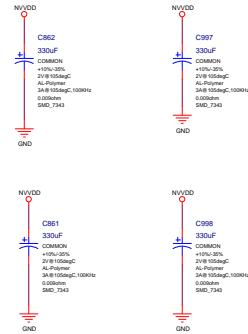




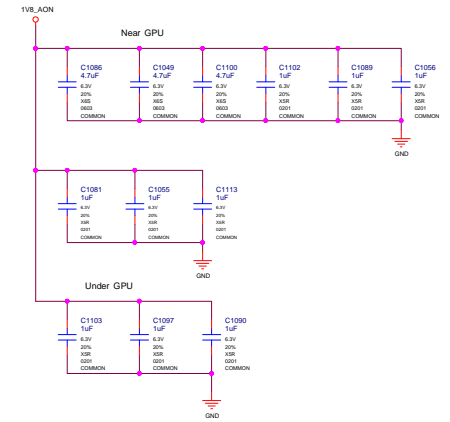
FBVDDQ



NVVD0



1V8_AON

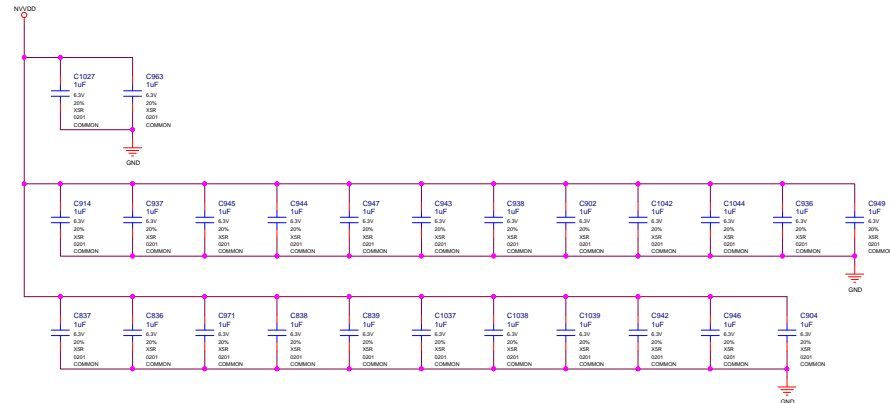
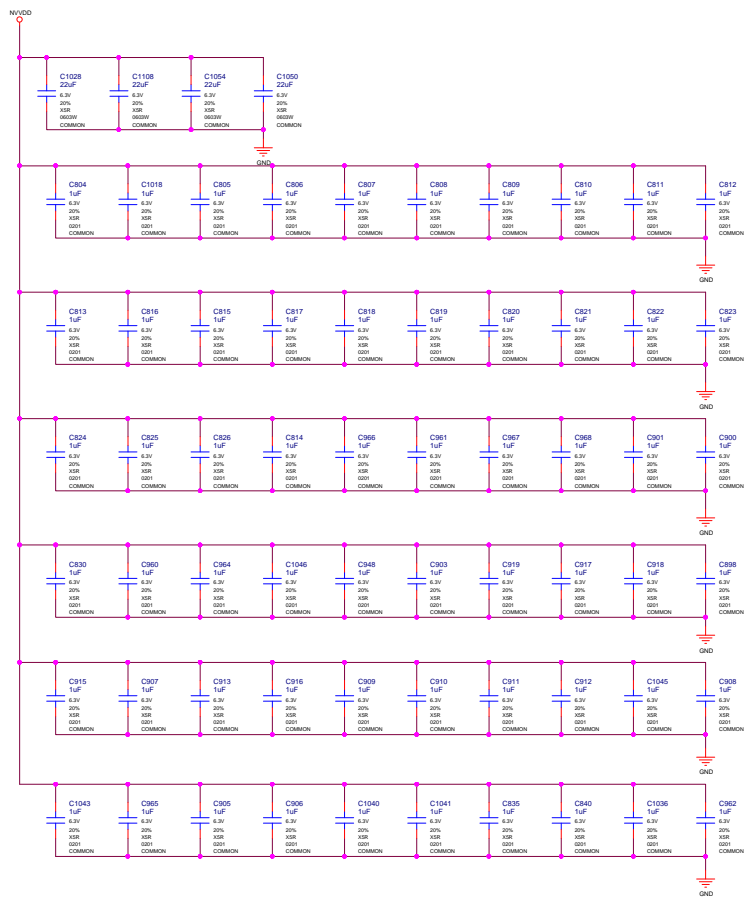


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ASSEMBLY	ASSEMBLY DESCRIPTION
PAGE DETAIL	GPU Decoupling

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NVVDD



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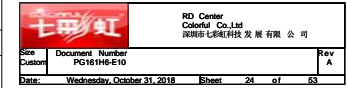
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STRAP2	STRAP1	STRAP0	RAMCFG[4:0]
L	L	L	00000
L	L	H	00001
L	H	L	00010
L	H	H	00011
H	H	L	00110
H	H	H	00111
L	L	M	01000

RAMCFG[4:0]	DENSITY	WIDTH	VENDOR	DIE
00000	8Gb	256-bit	Samsung	C
00001	8Gb	256-bit	Micron	A
00010	8Gb	256-bit	Hynix	M
00011	8Gb	256-bit	Samsung	C
00100	8Gb	256-bit	Micron	A
00101	8Gb	256-bit	Hynix	M
00110	16Gb	256-bit	Samsung	M
00111				

ROM_SO	ROM_SI	ROM_SCLK	DUMMY[2:0]_FS_OVERT	1:ENABLE 0:DISABLE	
L	L	L	XXX1	FS_OVERT ENABLE	DEFAULT
L	L	M	XXX0	FS_OVERT DISABLE	

STRAP5	STRAP4	STRAP3	SMB_ALT_ADDR	DEVID_SEL	PCIE_CFG	VGA_DEVICE
M	H	H	1	1	1	1
M	H	L	1	1	1	0
M	L	H	1	1	0	1
M	L	L	1	1	0	0
L	H	M	1	0	1	0
L	M	L	1	0	0	1
L	L	M	1	0	0	0
H	H	H	0	1	1	1
H	H	L	0	1	1	0
H	L	H	0	1	0	1
L	H	H	0	0	1	1
L	H	L	0	0	1	0
L	L	H	0	0	0	1 DEFAULT
L	L	L	0	0	0	0

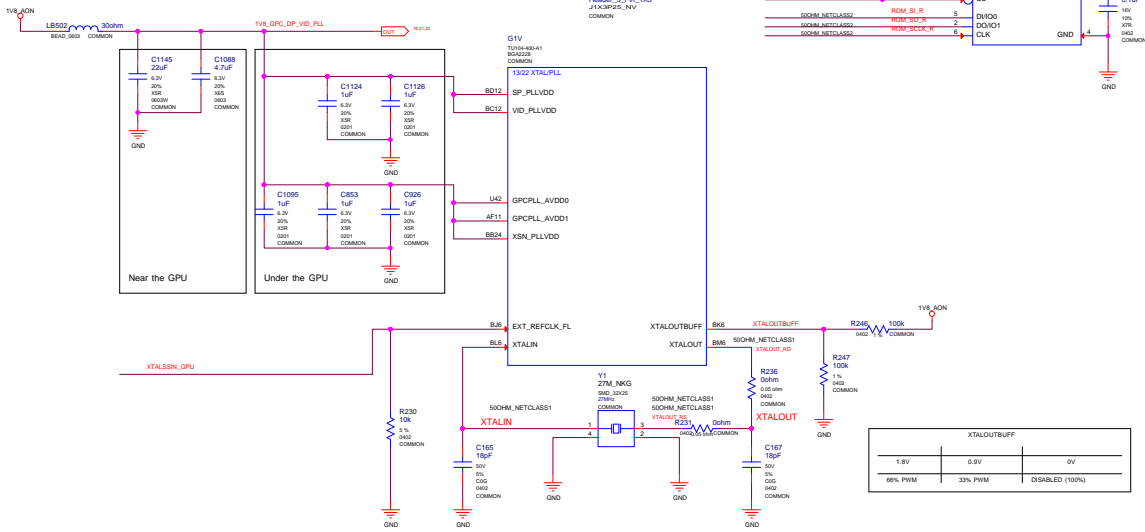
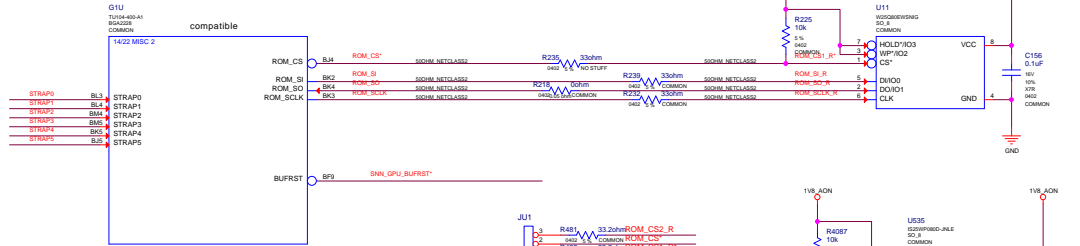
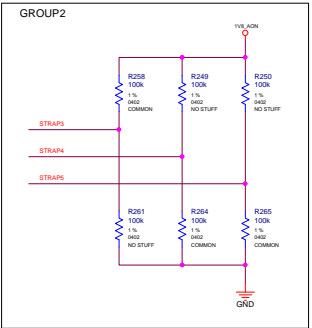
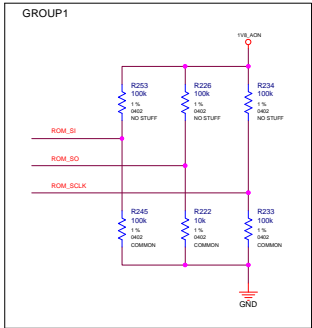
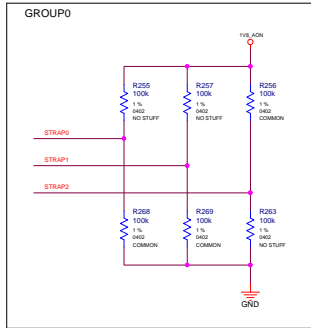
H=High :Tied to 1.8V
M=Middle:Tied to 0.9V
L=Low :Tied to 0V

1:SMB_ALT_ADDR ENABLE
0:SMB_ALT_ADDR DISABLE

1:DEVID_SEL REBRAND
0:DEVID_SEL ORIGINAL

1:PCIE_CFG LOW POWER
0:PCIE_CFG HIGH POWER

1:VGA_DEVICE ENABLE
0:VGA_DEVICE DISABLE



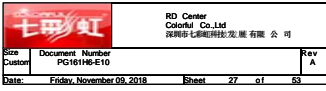
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ASSEMBLY	ASSEMBLY DESCRIPTION
PAGE DETAIL	MISC2: ROM, XTAL, STRAPS



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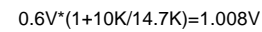





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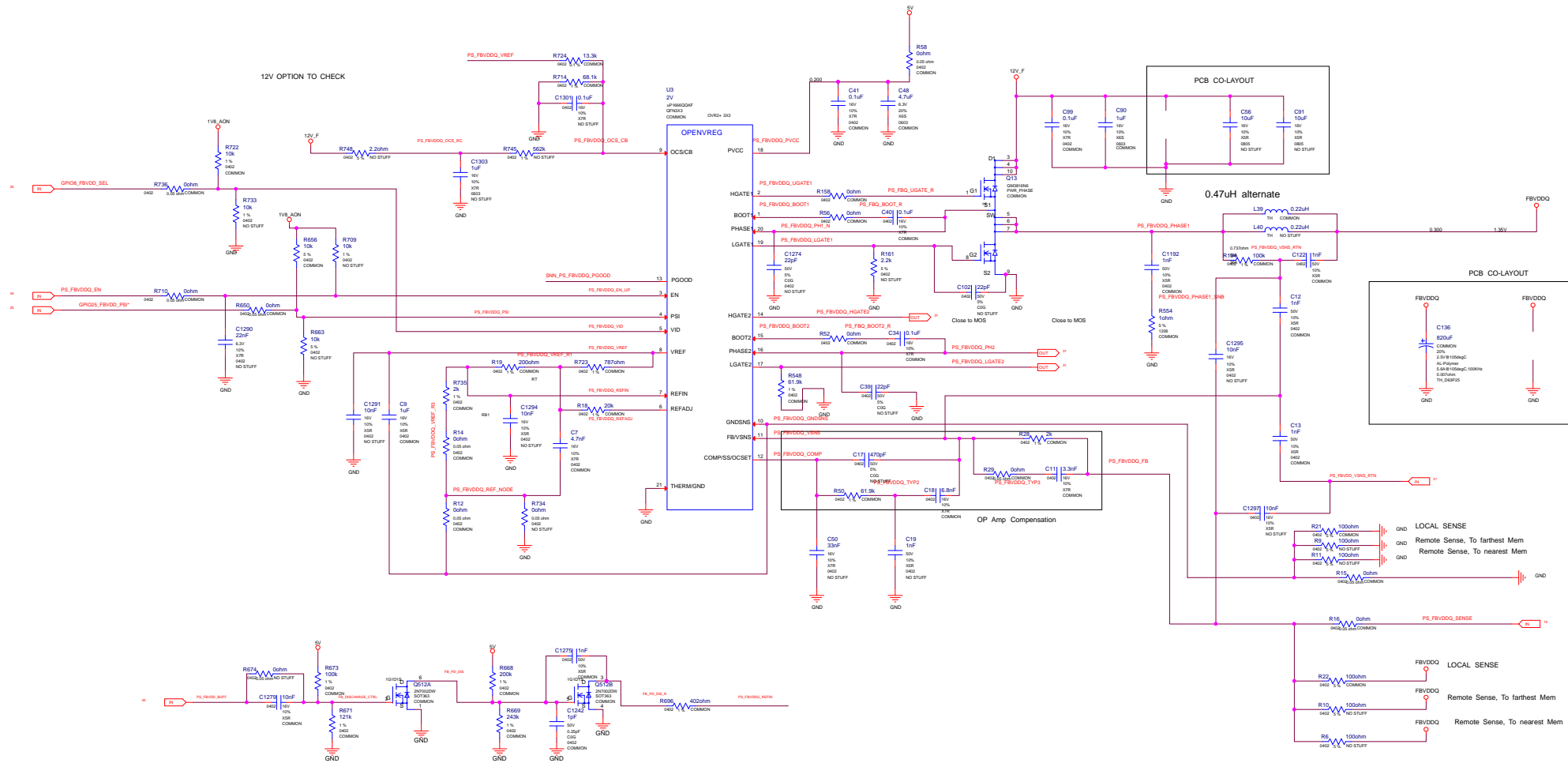
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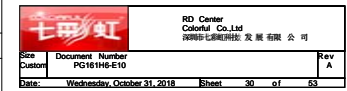
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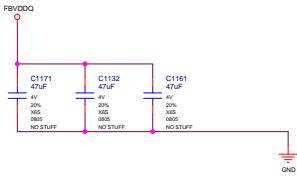
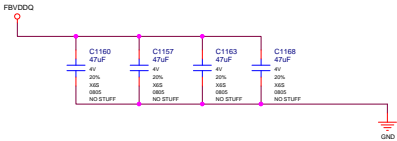
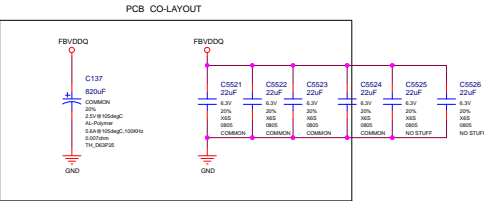
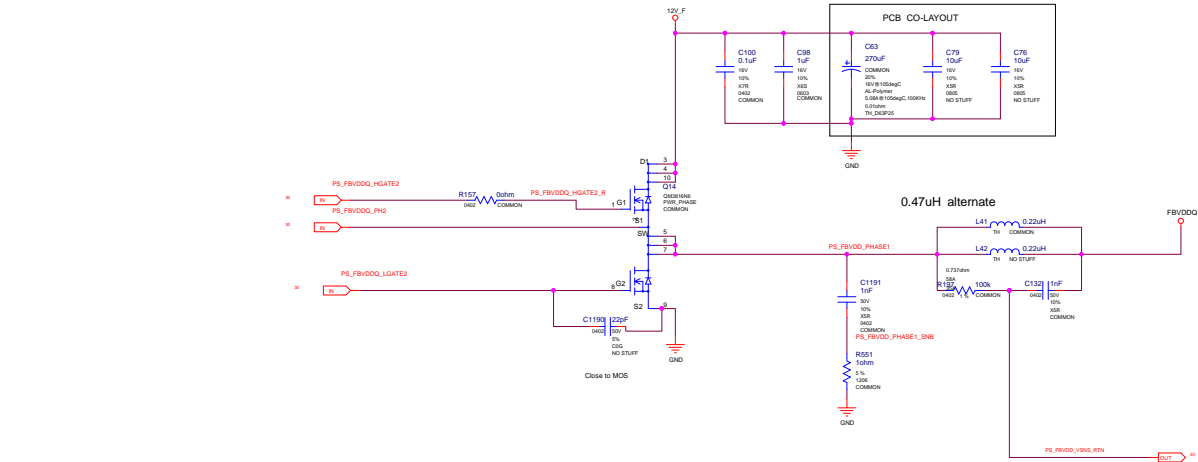
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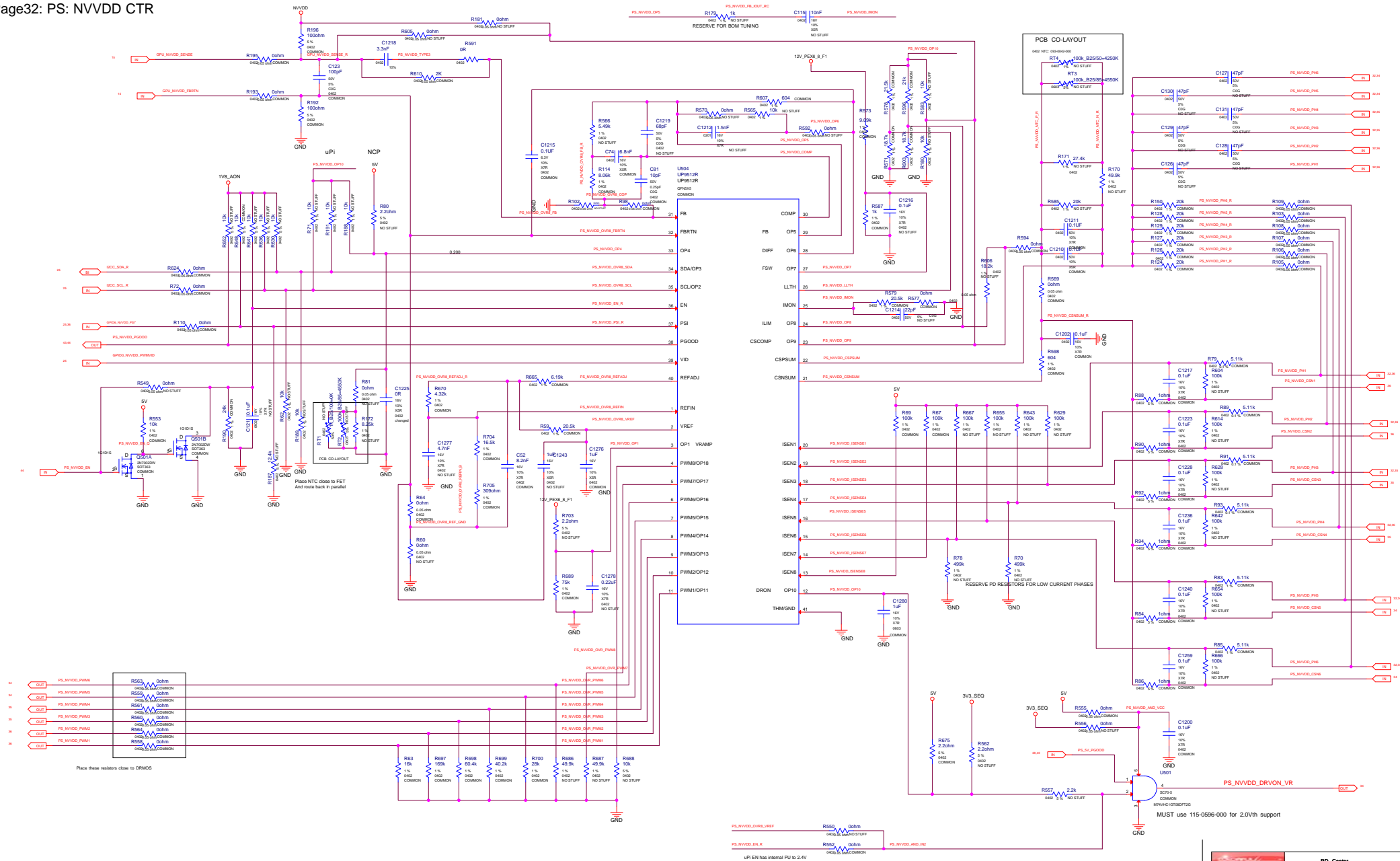




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ASSEMBLY	ASSEMBLY DESCRIPTION
PAGE DETAIL	PS: FBVDDQ PH2


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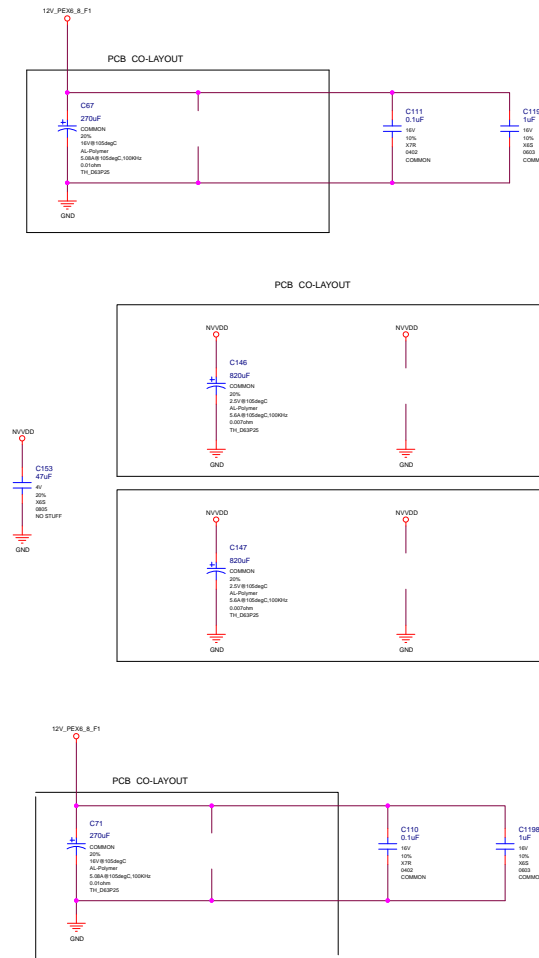


DROP OVR3i SOLUTION

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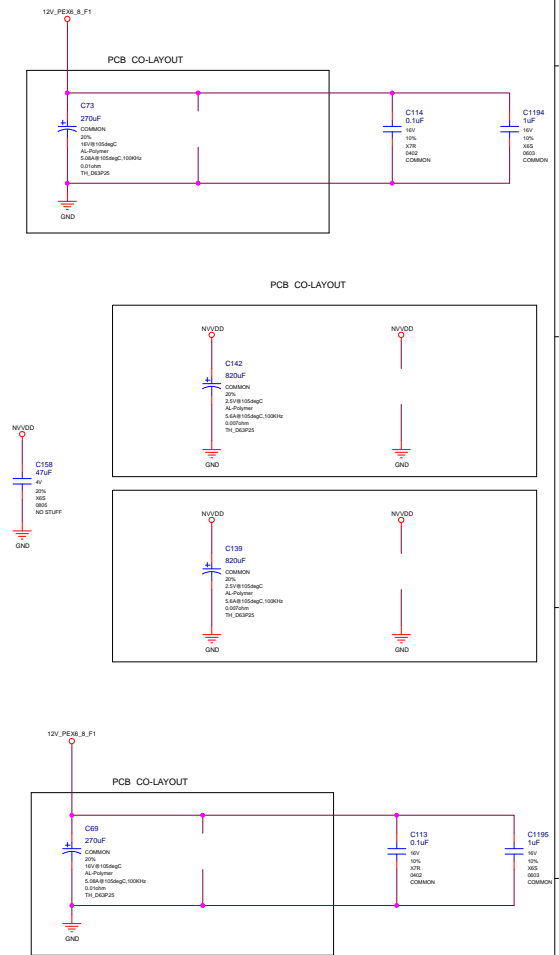
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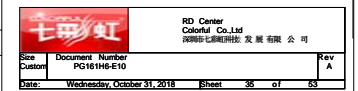


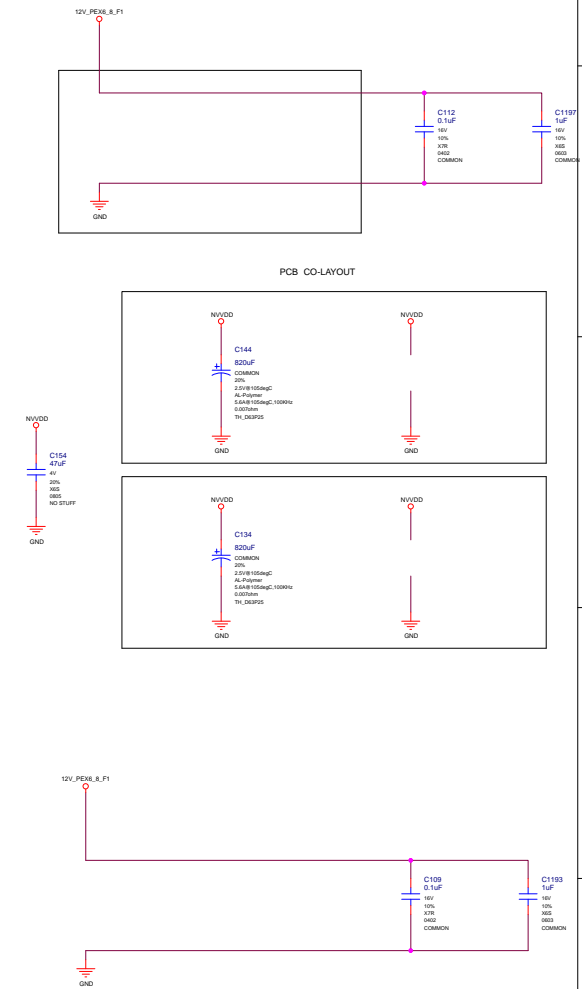
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PAGE DETAIL	PS: NVDD Phase 2,1

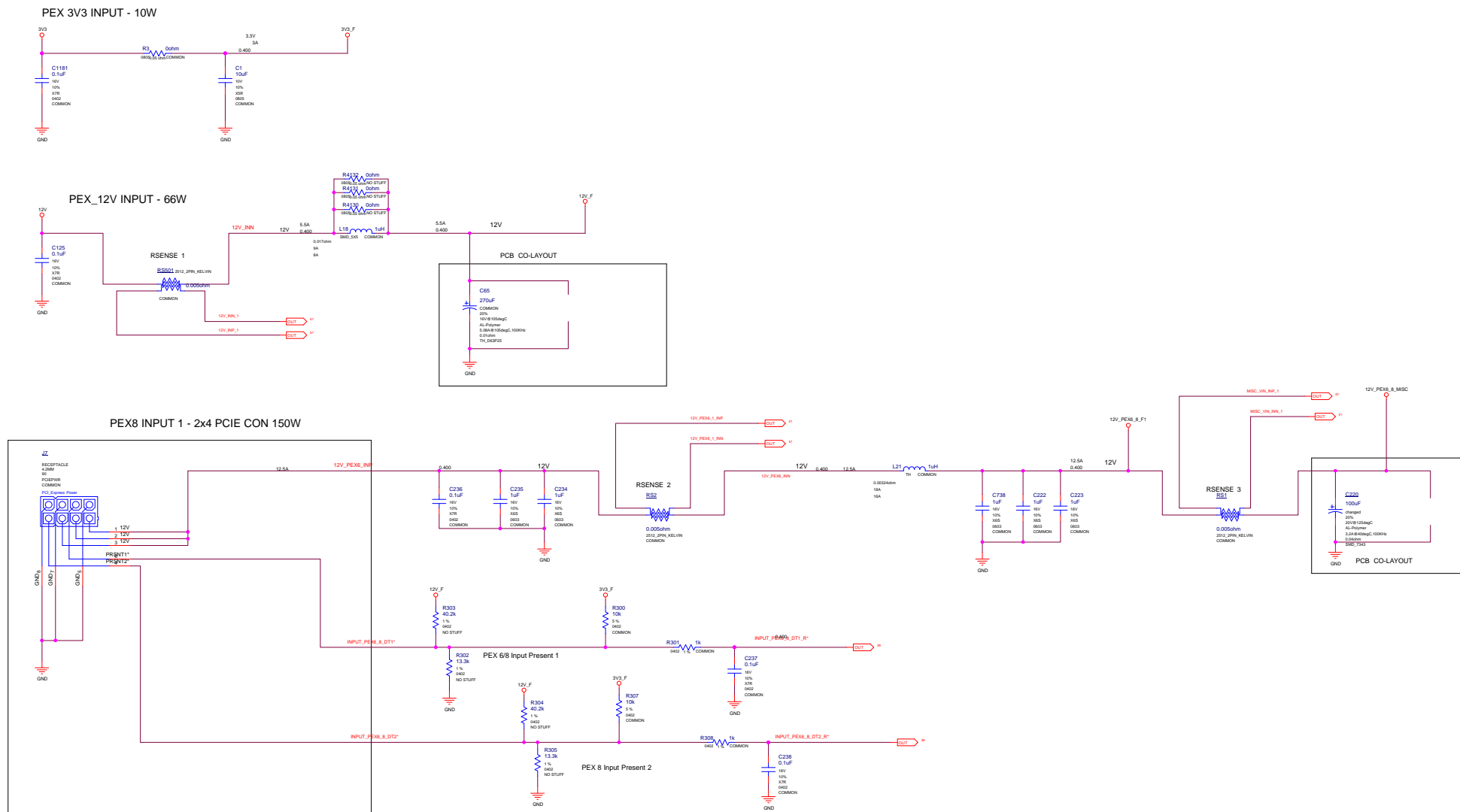
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DELETE RAIL BALANCE CIRCUIT

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ASSEMBLY	<ASSEMBLY DESCRIPTION>
PAGE DETAIL	PS: Input Power Balancing Switcher

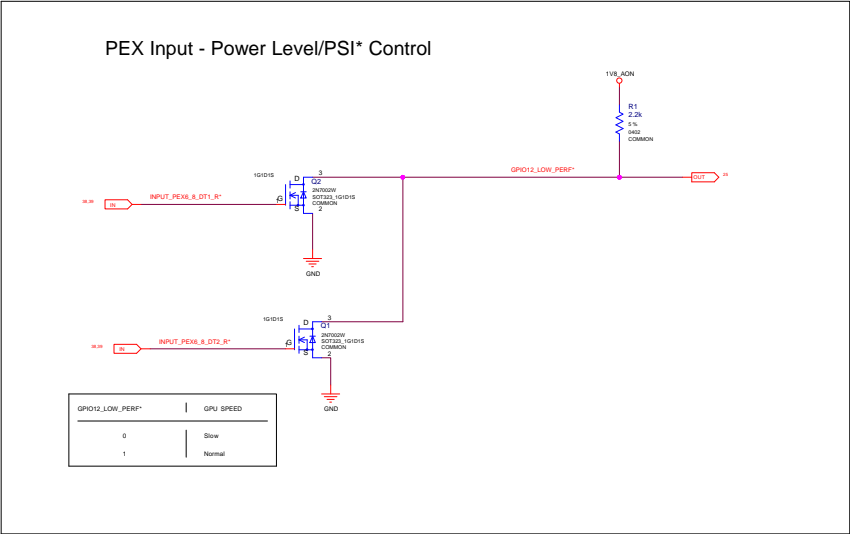
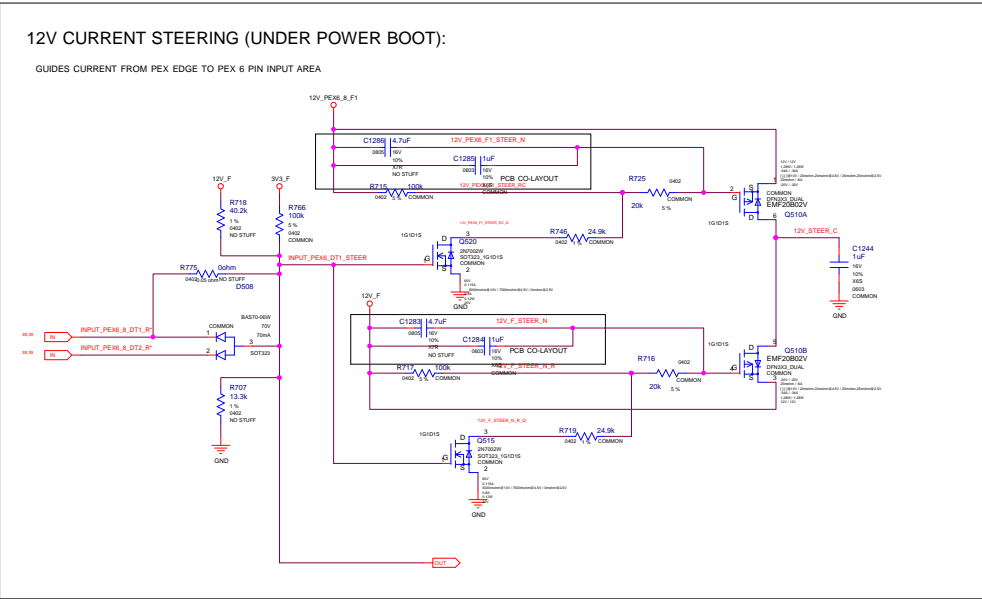
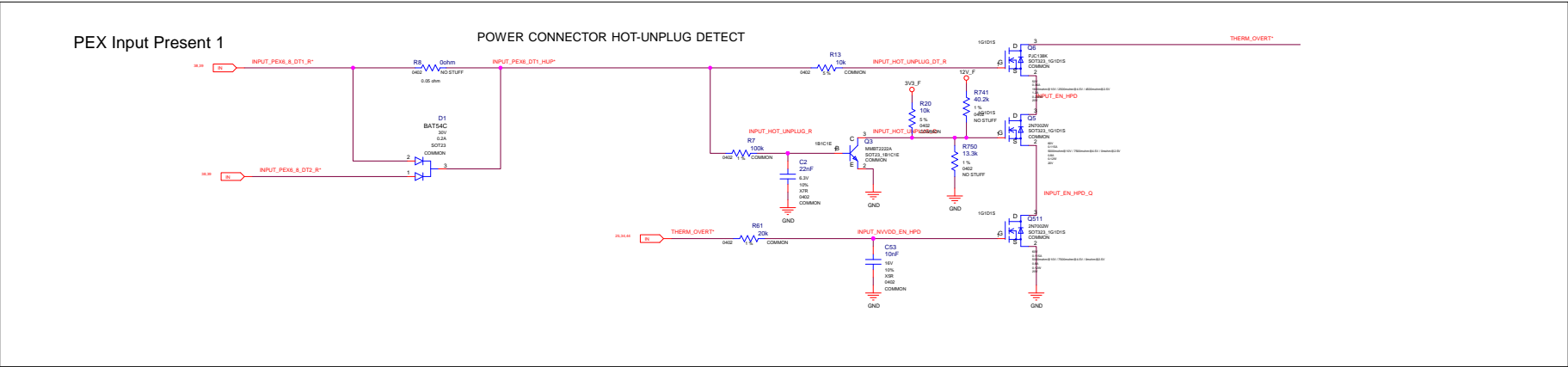
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ASSEMBLY	«ASSEMBLY_DESCRIPTION»
PAGE DETAIL	PS: Input, Filtering, and Monitoring

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ASSEMBLY	ASSEMBLY DESCRIPTION
PAGE DETAIL	PS: STEERING, UPS & HOT-UNPLUG



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ASSEMBLY	<ASSEMBLY DESCRIPTION>
PAGE DETAIL	PS: Type-C BuckBoost

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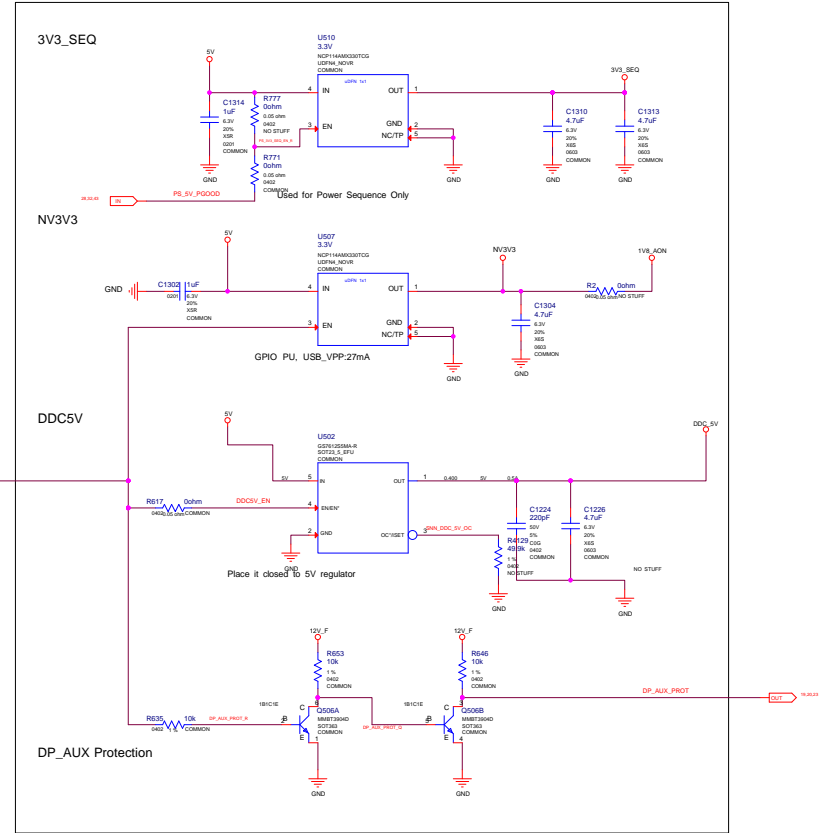
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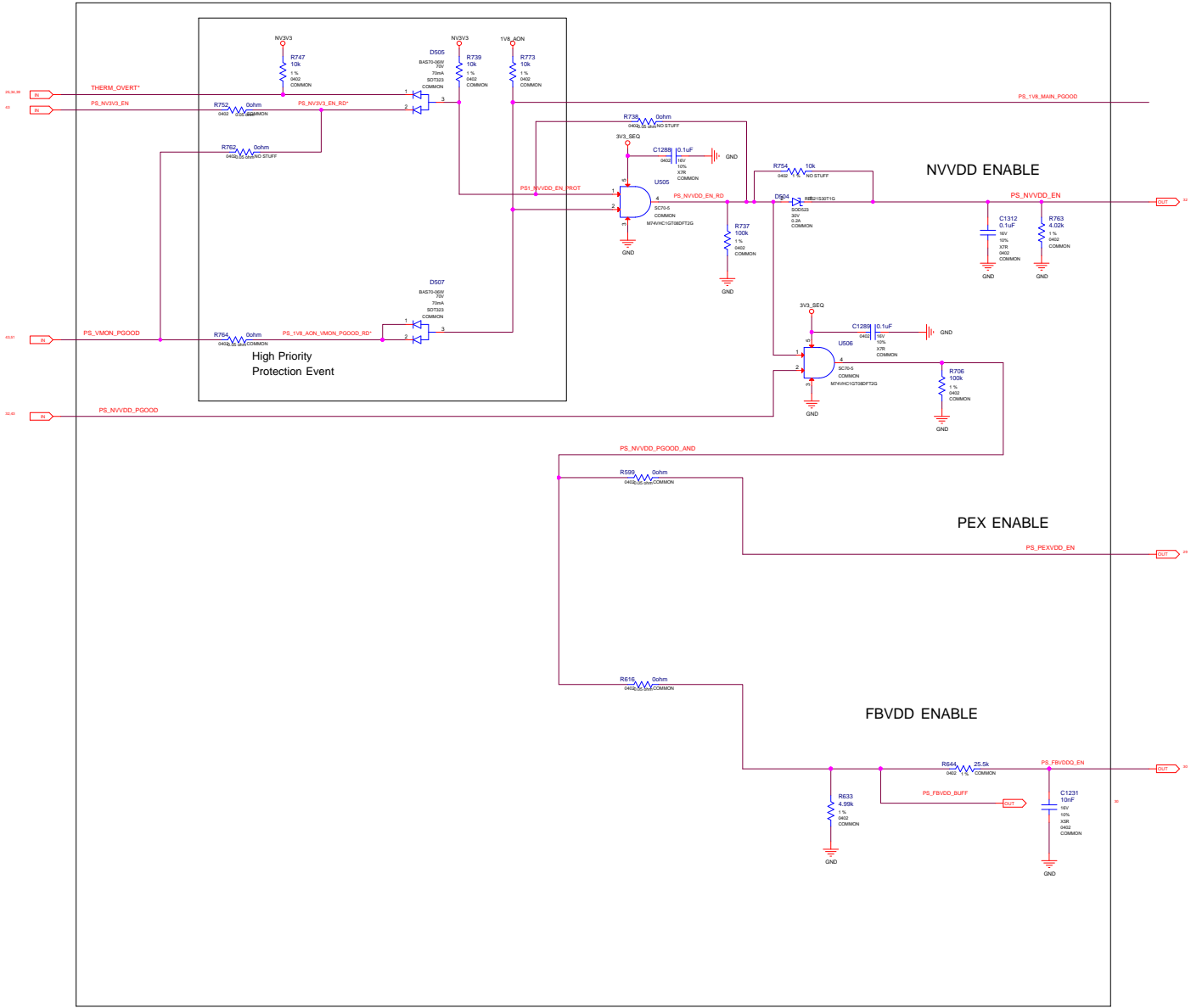
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ASSEMBLY PAGE DETAIL	<ASSEMBLY_DESCRIPTION> SEQ: 5V, 1V8, NV3V3 ENABLE
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ASSEMBLY	ASSEMBLY DESCRIPTION
PAGE DETAIL	SEQ: NV, PEX, FB ENABLE

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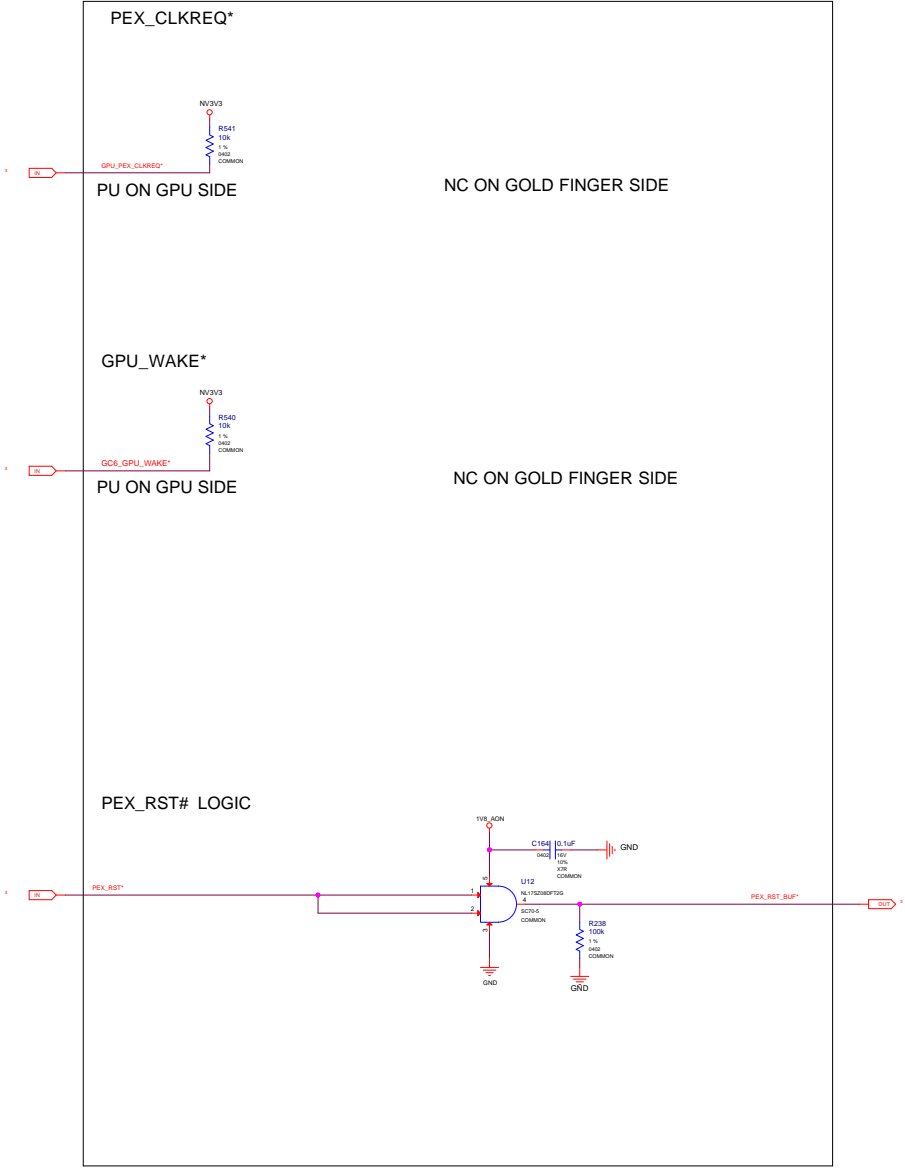
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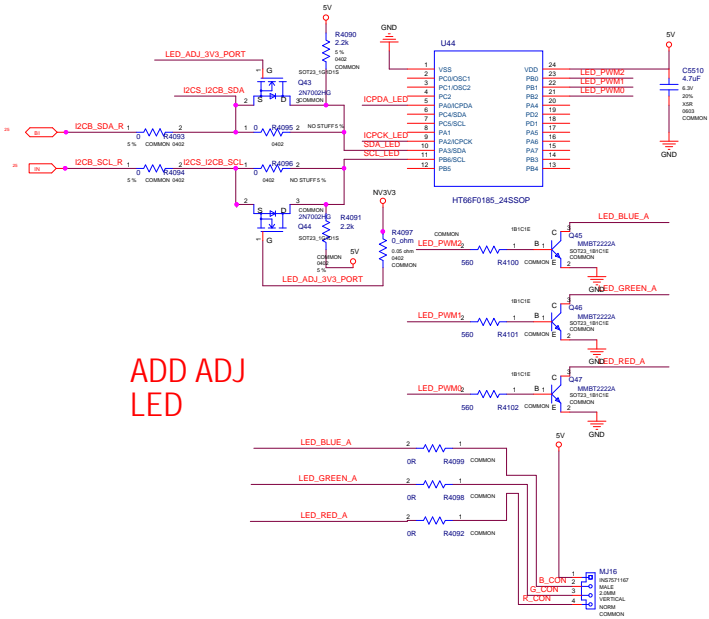
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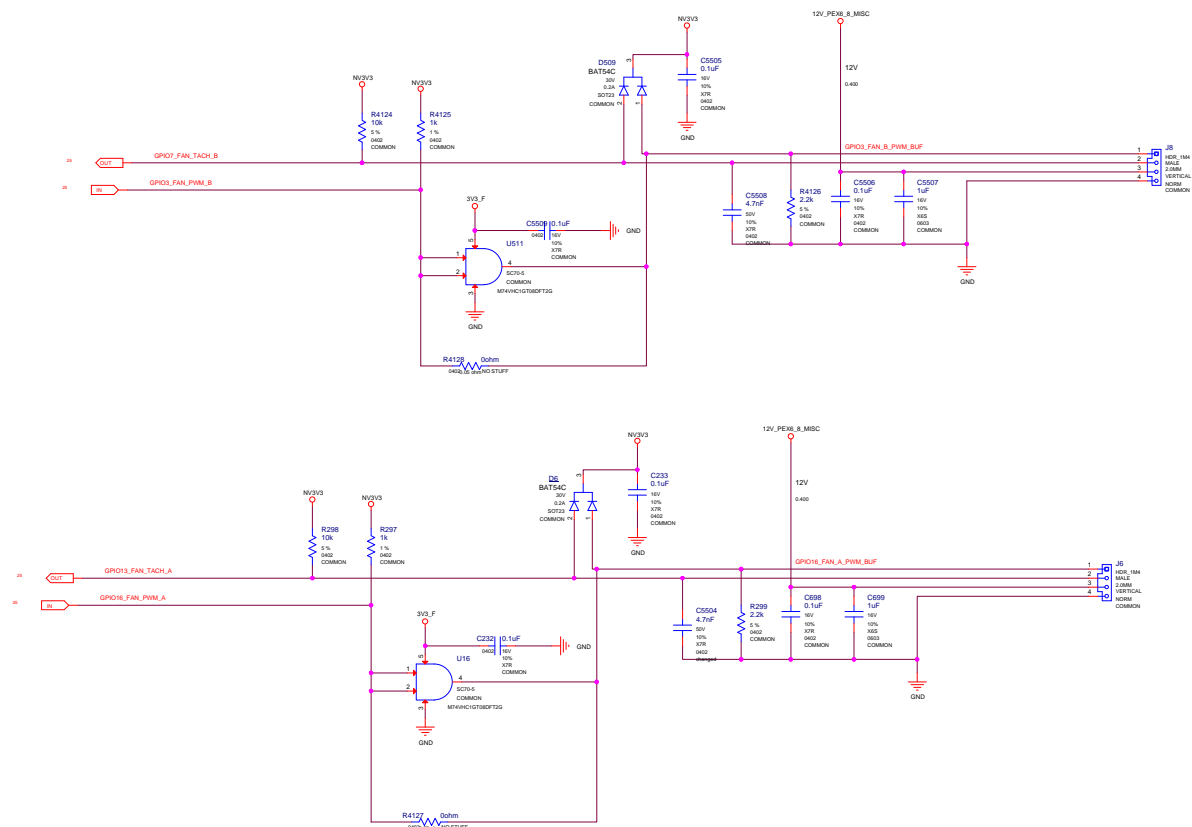
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PAGE DETAIL	LOGO LED

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ASSEMBLY	<ASSEMBLY DESCRIPTION>
PAGE DETAIL	LED DRIVER & BOOST

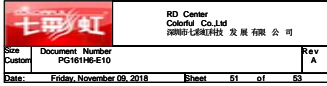
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ASSEMBLY	«ASSEMBLY_DESCRIPTION»
PAGE DETAIL	FAN

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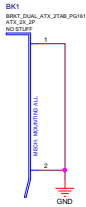
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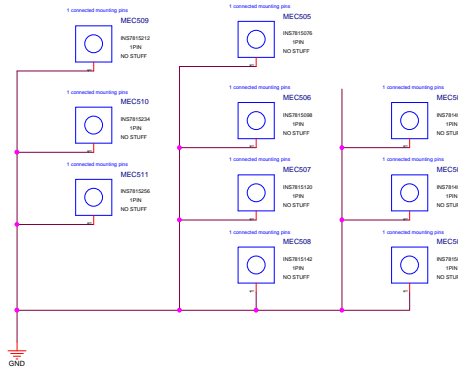
ENABLE PIN STATUS	MULTIPLEXER OPERATION
LOW	FULLY FUNCTIONAL
TRI-STATE(FLOATING)	LIMITED FUNCTION
HIGH	STANDBY

ASSEMBLY	«ASSEMBLY_DESCRIPTION»
PAGE DETAIL	PS: Pre-filter

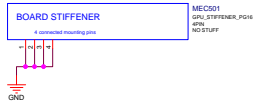
Bracket:



MOUNTING HOLES FOR HS:




BACK STIFFENER:



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PG161 DETAIL	MECH

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PAGE DETAIL	PTC



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